

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031122\
 Data File : VN071254.D
 Acq On : 11 Mar 2022 17:47
 Operator : JC\MD
 Sample : VN0311MBS02
 Misc : 5.00g/10.0mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0311MBS02

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/14/2022
 Supervised By : Mahesh Dadoda 03/15/2022

Quant Time: Mar 12 02:14:27 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N030722W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 08 06:52:46 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.081	168	698811	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1152826	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	1016790	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.669	152	410777	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	439462	45.885	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	91.780%		
35) Dibromofluoromethane	8.022	113	326651	44.902	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	89.800%		
50) Toluene-d8	10.439	98	1308443	44.672	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	89.340%		
62) 4-Bromofluorobenzene	12.727	95	443661	44.731	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	89.460%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.069	85	129029	16.847	ug/l	97
3) Chloromethane	2.299	50	179423	17.428	ug/l	98
4) Vinyl Chloride	2.440	62	162070	17.267	ug/l	99
5) Bromomethane	2.846	94	92910	18.390	ug/l	100
6) Chloroethane	3.010	64	101677	17.888	ug/l	96
7) Trichlorofluoromethane	3.369	101	216064	17.490	ug/l	99
8) Diethyl Ether	3.822	74	93705	17.725	ug/l	91
9) 1,1,2-Trichlorotrifluo...	4.210	101	125553	17.556	ug/l	94
10) Methyl Iodide	4.422	142	166195	16.453	ug/l	98
11) Tert butyl alcohol	5.363	59	182630	97.068	ug/l	99
12) 1,1-Dichloroethene	4.181	96	122187	17.441	ug/l	96
13) Acrolein	4.040	56	94999	47.704	ug/l	99
14) Allyl chloride	4.840	41	261893	17.187	ug/l	88
15) Acrylonitrile	5.546	53	501889	89.837	ug/l	99
16) Acetone	4.287	43	433065	92.931	ug/l	97
17) Carbon Disulfide	4.528	76	302768	15.180	ug/l	100
18) Methyl Acetate	4.846	43	255234	20.672	ug/l	95
19) Methyl tert-butyl Ether	5.610	73	493604	18.766	ug/l	97
20) Methylene Chloride	5.093	84	151685	18.055	ug/l	92
21) trans-1,2-Dichloroethene	5.593	96	132085	17.237	ug/l	95
22) Diisopropyl ether	6.493	45	543004	18.088	ug/l	97
23) Vinyl Acetate	6.428	43	2331799	91.753	ug/l	97
24) 1,1-Dichloroethane	6.387	63	279656	17.630	ug/l	99
25) 2-Butanone	7.334	43	704152	93.801	ug/l	97
26) 2,2-Dichloropropane	7.322	77	227822	18.616	ug/l	97
27) cis-1,2-Dichloroethene	7.322	96	162208	17.835	ug/l	89
28) Bromochloromethane	7.657	49	116320	16.467	ug/l	83
29) Tetrahydrofuran	7.681	42	481475	92.581	ug/l	93
30) Chloroform	7.816	83	274772	18.162	ug/l	97
31) Cyclohexane	8.092	56	262518	17.164	ug/l	92
32) 1,1,1-Trichloroethane	8.010	97	236059	18.317	ug/l	97
36) 1,1-Dichloropropene	8.222	75	201066	17.250	ug/l	97
37) Ethyl Acetate	7.410	43	287344	17.913	ug/l	97
38) Carbon Tetrachloride	8.204	117	197256	17.496	ug/l	99
39) Methylcyclohexane	9.457	83	239304	17.452	ug/l	95
40) Benzene	8.457	78	626021	17.826	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.634	41	145814	18.574	ug/l	89
42) 1,2-Dichloroethane	8.528	62	227011	18.576	ug/l	99
43) Isopropyl Acetate	8.557	43	470133	19.599	ug/l	93
44) Trichloroethene	9.216	130	148610	17.935	ug/l	100
45) 1,2-Dichloropropane	9.486	63	168487	17.873	ug/l	98
46) Dibromomethane	9.575	93	103670	17.867	ug/l	97
47) Bromodichloromethane	9.757	83	207445	17.691	ug/l	99
48) Methyl methacrylate	9.557	41	204172	18.366	ug/l #	83
49) 1,4-Dioxane	9.563	88	75232	389.341	ug/l #	84
51) 4-Methyl-2-Pentanone	10.328	43	1391772	93.488	ug/l	99
52) Toluene	10.504	92	385177	17.812	ug/l	98
53) t-1,3-Dichloropropene	10.716	75	228710	17.694	ug/l	97
54) cis-1,3-Dichloropropene	10.186	75	251403	17.800	ug/l	98
55) 1,1,2-Trichloroethane	10.892	97	152987	17.655	ug/l	98
56) Ethyl methacrylate	10.757	69	254903	18.013	ug/l	91
57) 1,3-Dichloropropane	11.039	76	274752	17.665	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.039	63	334361	127.794	ug/l	95
59) 2-Hexanone	11.080	43	1015462	99.970	ug/l	99
60) Dibromochloromethane	11.233	129	152335	17.693	ug/l	98
61) 1,2-Dibromoethane	11.339	107	154347	17.428	ug/l	99
64) Tetrachloroethene	10.975	164	128931	18.181	ug/l	96
65) Chlorobenzene	11.769	112	395547	18.114	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.839	131	146820	18.337	ug/l	99
67) Ethyl Benzene	11.839	91	714029	18.494	ug/l	96
68) m/p-Xylenes	11.951	106	541747	38.356	ug/l	98
69) o-Xylene	12.275	106	270838	19.130	ug/l	97
70) Styrene	12.292	104	426451	19.459	ug/l	97
71) Bromoform	12.457	173	111491	18.336	ug/l #	100
73) Isopropylbenzene	12.575	105	695894	17.574	ug/l	99
74) N-amyl acetate	12.380	43	289530	19.446	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.822	83	247647	19.482	ug/l	98
76) 1,2,3-Trichloropropane	12.874	75	221812m	20.621	ug/l	
77) Bromobenzene	12.857	156	158455	17.160	ug/l	78
78) n-propylbenzene	12.916	91	751005	17.674	ug/l	98
79) 2-Chlorotoluene	13.004	91	474750	17.405	ug/l	94
80) 1,3,5-Trimethylbenzene	13.057	105	554572	18.001	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.622	75	71361	18.779	ug/l	95
82) 4-Chlorotoluene	13.098	91	436335	17.959	ug/l	96
83) tert-Butylbenzene	13.322	119	504262	18.341	ug/l	97
84) 1,2,4-Trimethylbenzene	13.363	105	552009	18.707	ug/l	98
85) sec-Butylbenzene	13.498	105	664288	18.178	ug/l	99
86) p-Isopropyltoluene	13.610	119	542186	18.866	ug/l	99
87) 1,3-Dichlorobenzene	13.610	146	264965	17.660	ug/l	97
88) 1,4-Dichlorobenzene	13.692	146	255194	17.401	ug/l	96
89) n-Butylbenzene	13.939	91	413541	18.398	ug/l	97
90) Hexachloroethane	14.204	117	96936	16.961	ug/l	88
91) 1,2-Dichlorobenzene	13.986	146	263327	18.256	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.598	75	45011	19.536	ug/l	89
93) 1,2,4-Trichlorobenzene	15.257	180	122417	20.086	ug/l	98
94) Hexachlorobutadiene	15.363	225	74043	18.285	ug/l	96
95) Naphthalene	15.504	128	397931	24.058	ug/l	100
96) 1,2,3-Trichlorobenzene	15.698	180	125468	21.124	ug/l	98

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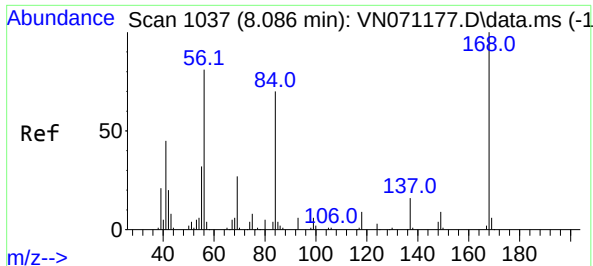
Manual Integrations
APPROVED

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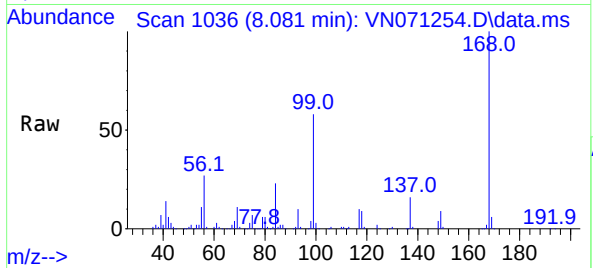
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.005 min
Lab File: VN071254.D
Acq: 11 Mar 2022 17:47

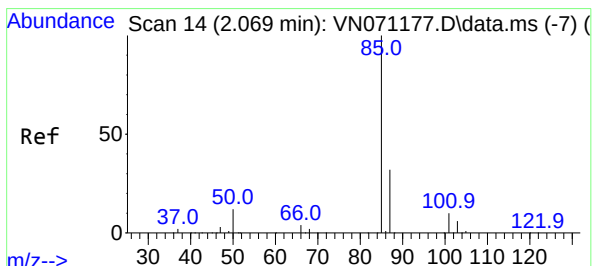
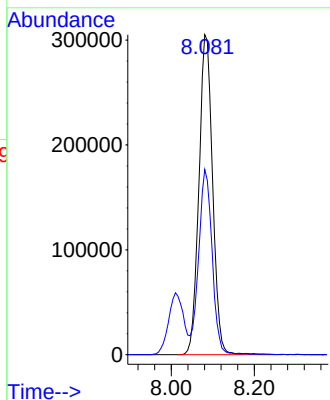
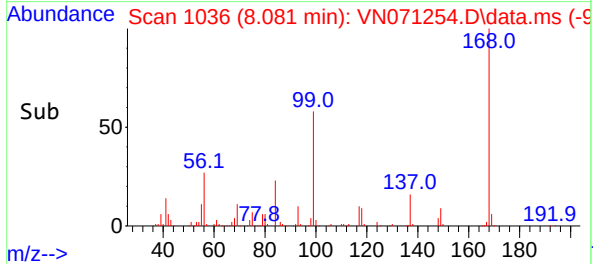
Instrument :
MSVOA_N
ClientSampleId :
VN0311MBS02



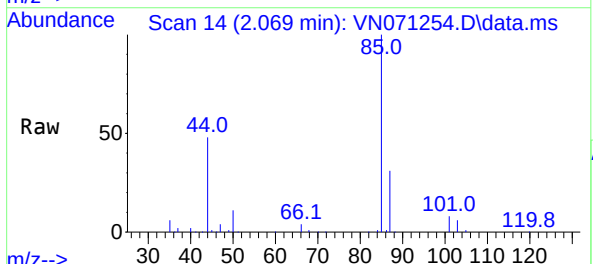
Tgt Ion:168 Resp: 69881
Ion Ratio Lower Upper
168 100
99 57.8 41.3 61.9

Manual Integrations
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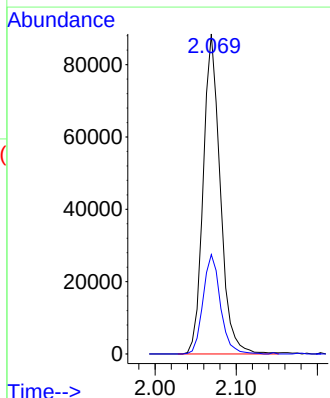
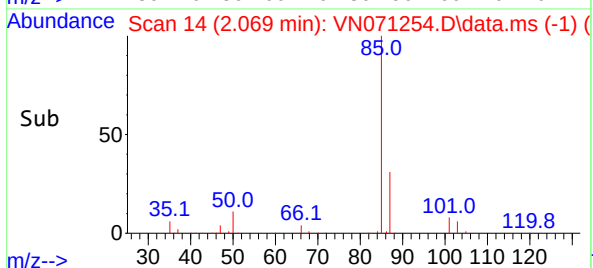
Reviewed By :John Carlone 03/14/2022
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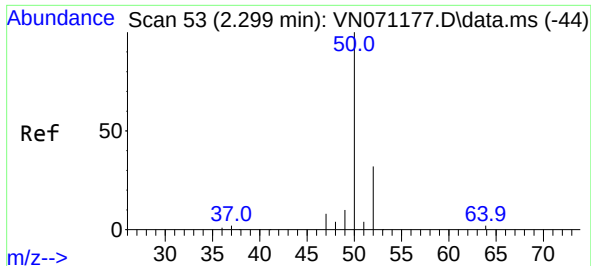


#2
Dichlorodifluoromethane
Concen: 16.847 ug/l
RT: 2.069 min Scan# 14
Delta R.T. 0.000 min
Lab File: VN071254.D
Acq: 11 Mar 2022 17:47



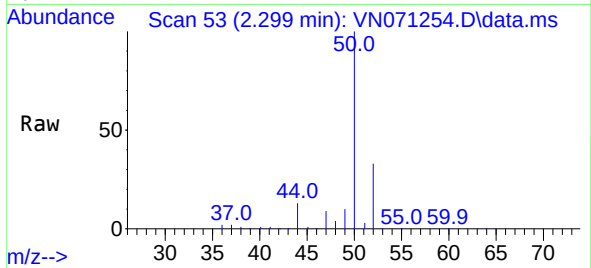
Tgt Ion: 85 Resp: 129029
Ion Ratio Lower Upper
85 100
87 31.1 16.3 48.9





#3
Chloromethane
Concen: 17.428 ug/l
RT: 2.299 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN071254.D
Acq: 11 Mar 2022 17:47

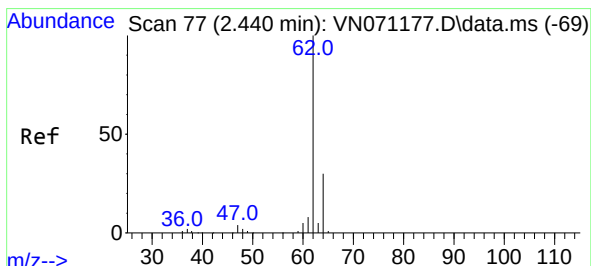
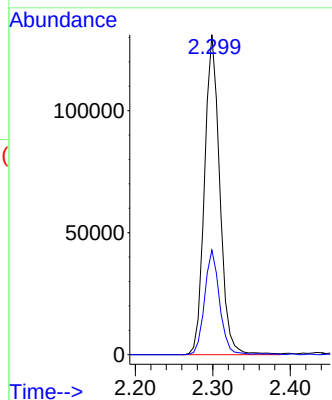
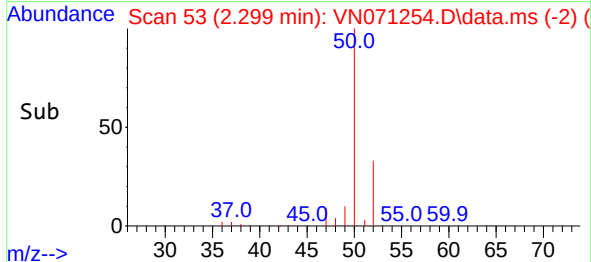
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ClientSampleId :
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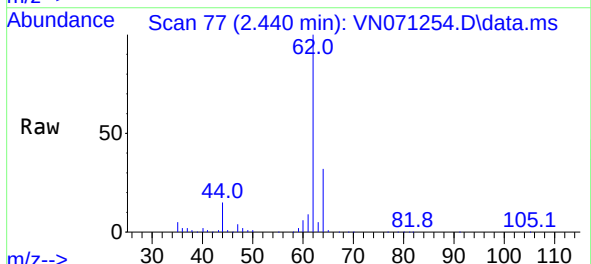
Tgt Ion: 50 Resp: 17942
Ion Ratio Lower Upper
50 100
52 32.7 25.4 38.0

Manual Integrations
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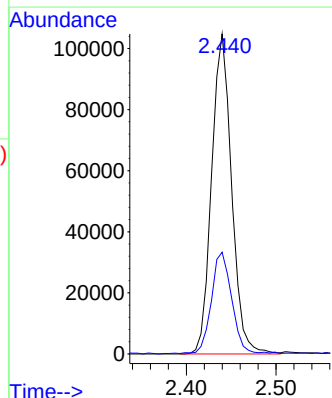
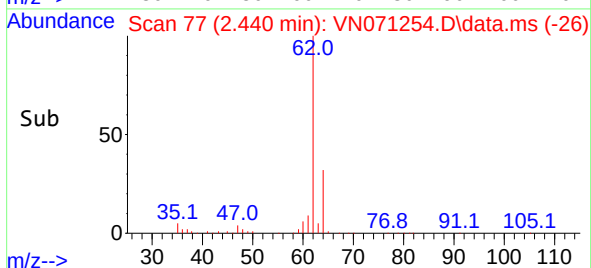
Reviewed By :John Carlone 03/14/2022
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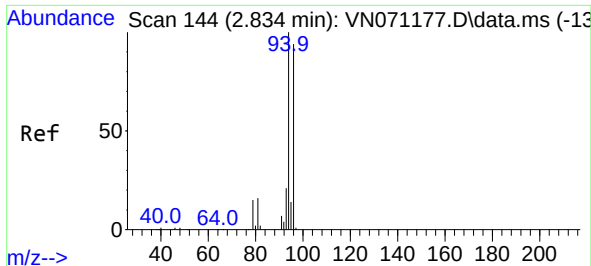


#4
Vinyl Chloride
Concen: 17.267 ug/l
RT: 2.440 min Scan# 77
Delta R.T. 0.000 min
Lab File: VN071254.D
Acq: 11 Mar 2022 17:47



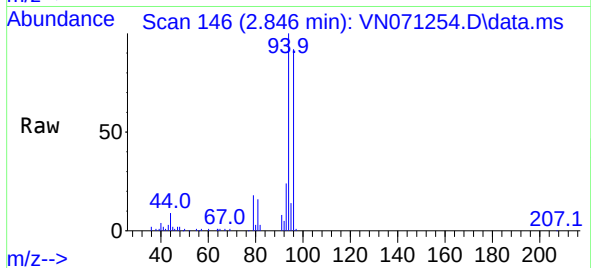
Tgt Ion: 62 Resp: 162070
Ion Ratio Lower Upper
62 100
64 31.6 25.8 38.6





#5
Bromomethane
Concen: 18.390 ug/l
RT: 2.846 min Scan# 144
Delta R.T. 0.012 min
Lab File: VN071254.D
Acq: 11 Mar 2022 17:47

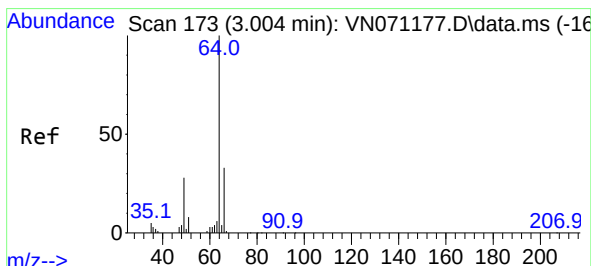
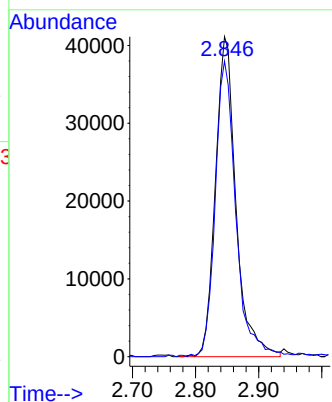
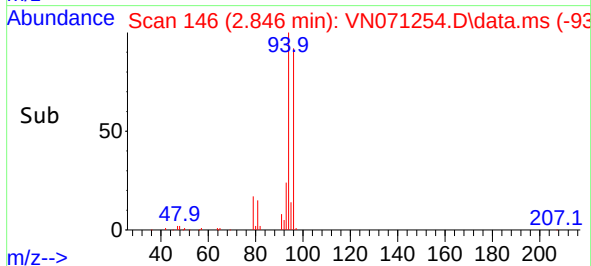
Instrument :
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Tgt Ion: 94 Resp: 92910
Ion Ratio Lower Upper
94 100
96 91.9 73.8 110.8

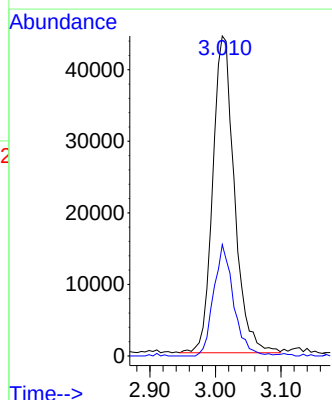
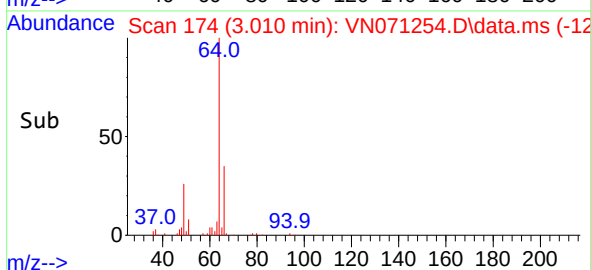
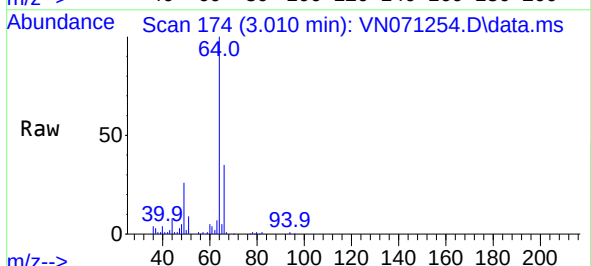
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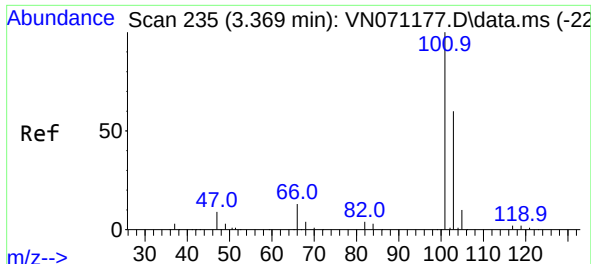
Reviewed By :John Carlone 03/14/2022
Supervised By :Mahesh Dadoda 03/15/2022



#6
Chloroethane
Concen: 17.888 ug/l
RT: 3.010 min Scan# 174
Delta R.T. 0.006 min
Lab File: VN071254.D
Acq: 11 Mar 2022 17:47

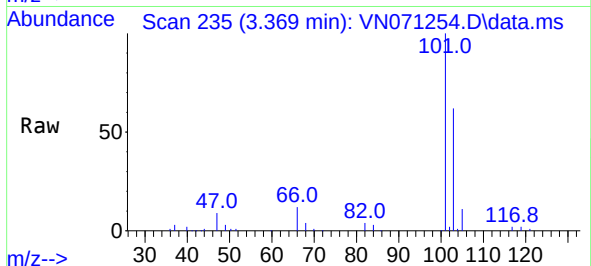
Tgt Ion: 64 Resp: 101677
Ion Ratio Lower Upper
64 100
66 35.2 26.3 39.5





#7
Trichlorofluoromethane
Concen: 17.490 ug/l
RT: 3.369 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN071254.D
Acq: 11 Mar 2022 17:47

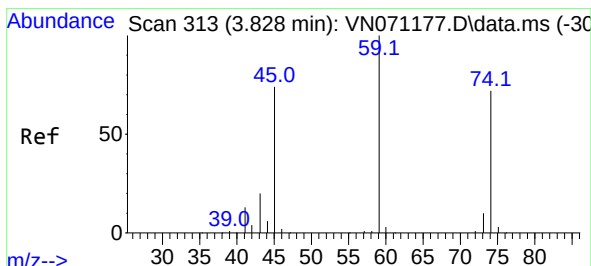
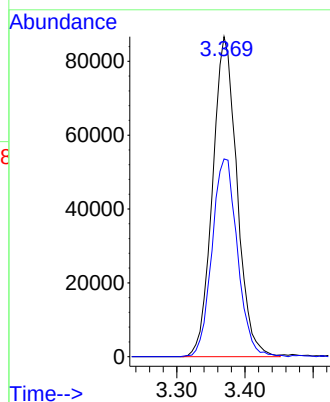
Instrument :
MSVOA_N
ClientSampleId :
VN0311MBSD02



Tgt Ion:101 Resp: 216064
Ion Ratio Lower Upper
101 100
103 61.8 50.1 75.1

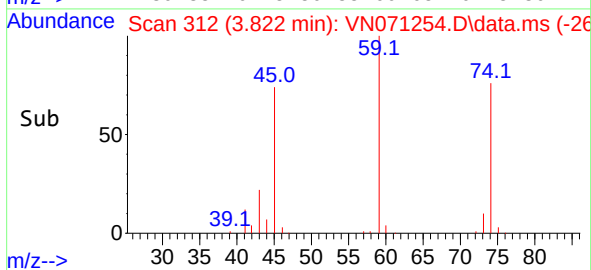
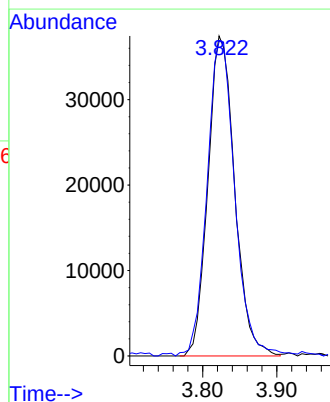
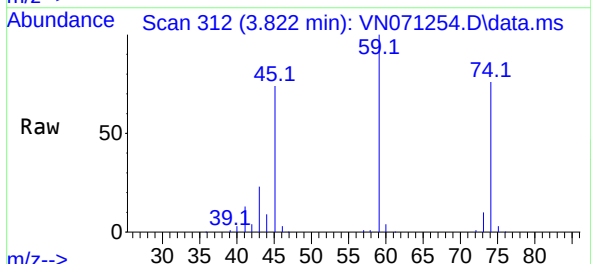
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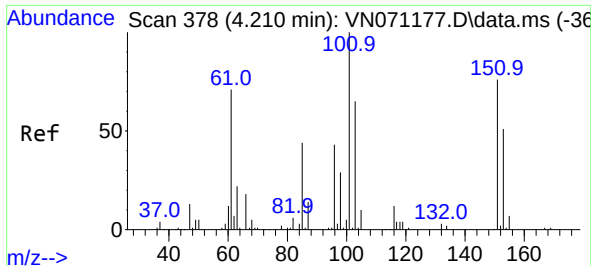
Reviewed By :John Carlone 03/14/2022
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#8
Diethyl Ether
Concen: 17.725 ug/l
RT: 3.822 min Scan# 312
Delta R.T. -0.006 min
Lab File: VN071254.D
Acq: 11 Mar 2022 17:47

Tgt Ion: 74 Resp: 93705
Ion Ratio Lower Upper
74 100
45 102.8 47.0 141.2





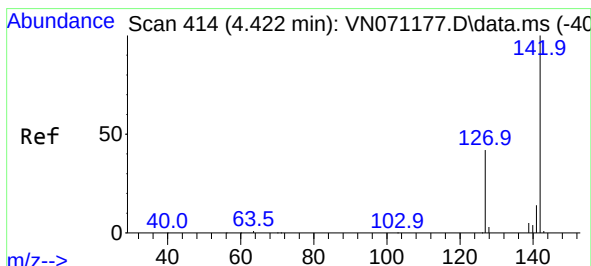
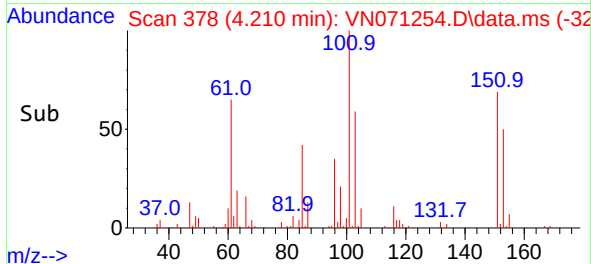
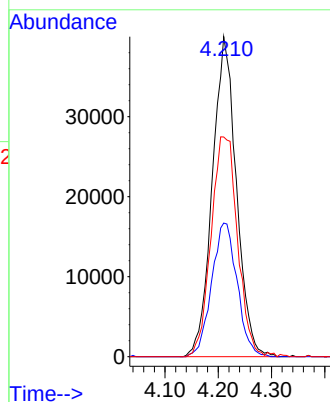
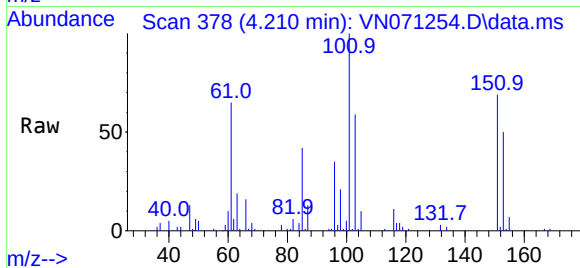
#9
1,1,2-Trichlorotrifluoroethane
Concen: 17.556 ug/l
RT: 4.210 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN071254.D
Acq: 11 Mar 2022 17:47

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ClientSampleId :
VN0311MBSD02

Tgt Ion:101 Resp: 12555
Ion Ratio Lower Upper
101 100
85 44.2 37.2 55.8
151 75.3 65.9 98.9

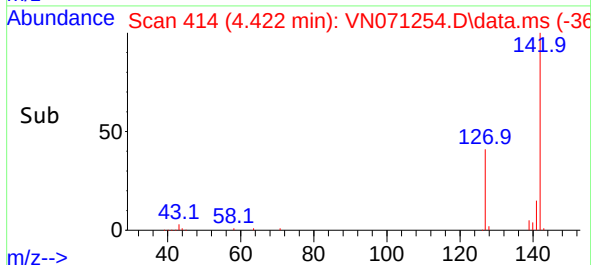
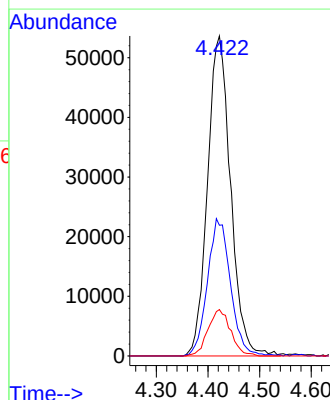
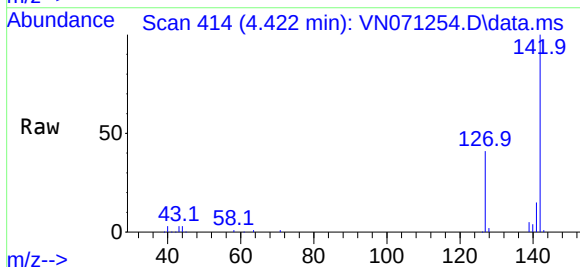
Manual Integrations
APPROVED

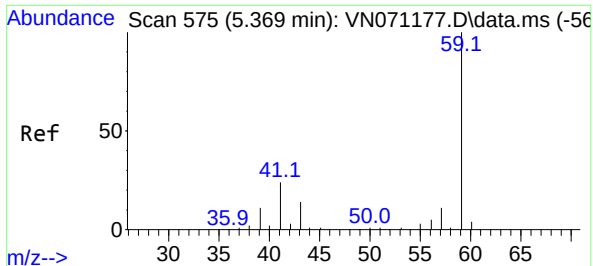
Reviewed By :John Carlone 03/14/2022
Supervised By :Mahesh Dadoda 03/15/2022



#10
Methyl Iodide
Concen: 16.453 ug/l
RT: 4.422 min Scan# 414
Delta R.T. 0.000 min
Lab File: VN071254.D
Acq: 11 Mar 2022 17:47

Tgt Ion:142 Resp: 166195
Ion Ratio Lower Upper
142 100
127 42.9 35.4 53.0
141 14.3 11.6 17.4





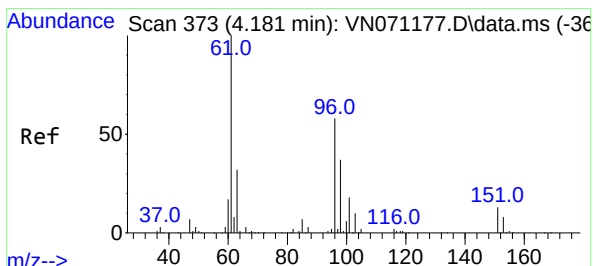
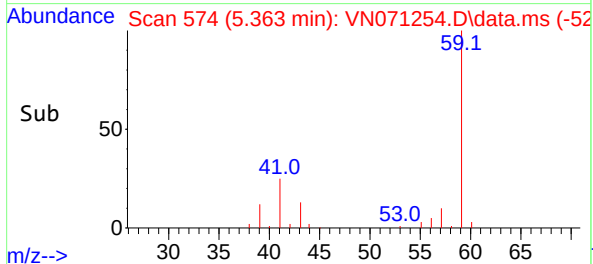
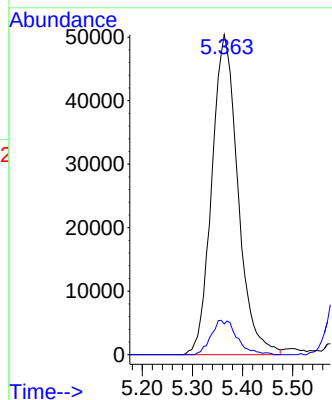
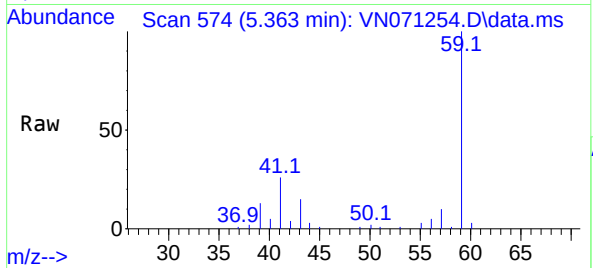
#11
Tert butyl alcohol
Concen: 97.068 ug/l
RT: 5.363 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN071254.D
Acq: 11 Mar 2022 17:47

Instrument :
MSVOA_N
ClientSampleId :
VN0311MBS02

Tgt Ion: 59 Resp: 182630
Ion Ratio Lower Upper
59 100
57 10.7 8.7 13.1

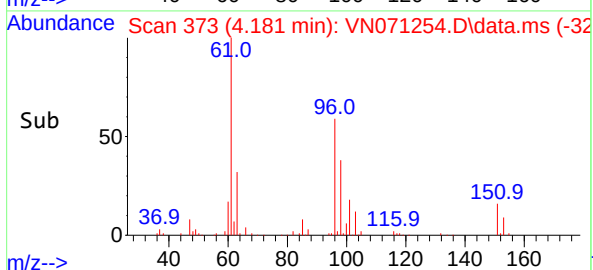
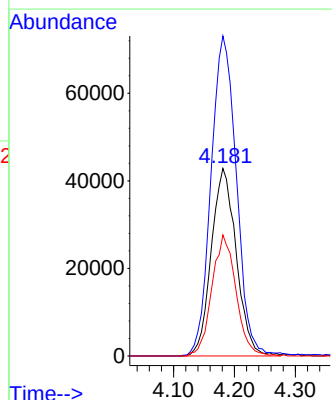
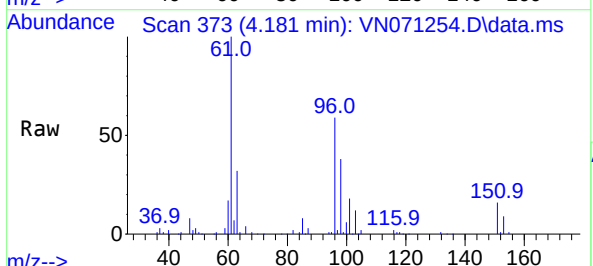
Manual Integrations
APPROVED

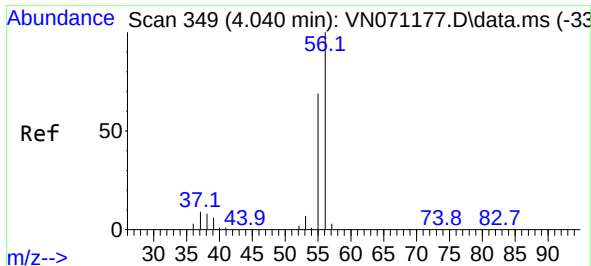
Reviewed By :John Carlone 03/14/2022
Supervised By :Mahesh Dadoda 03/15/2022



#12
1,1-Dichloroethene
Concen: 17.441 ug/l
RT: 4.181 min Scan# 373
Delta R.T. 0.000 min
Lab File: VN071254.D
Acq: 11 Mar 2022 17:47

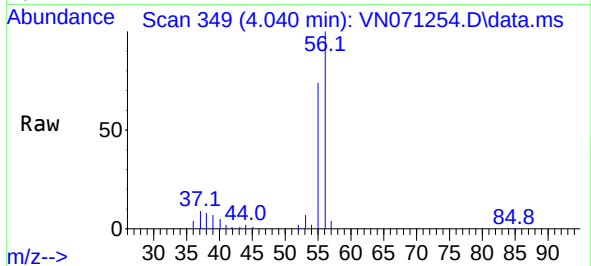
Tgt Ion: 96 Resp: 122187
Ion Ratio Lower Upper
96 100
61 170.6 131.0 196.6
98 64.5 52.4 78.6





#13
Acrolein
Concen: 47.704 ug/l
RT: 4.040 min Scan# 349
Delta R.T. 0.000 min
Lab File: VN071254.D
Acq: 11 Mar 2022 17:47

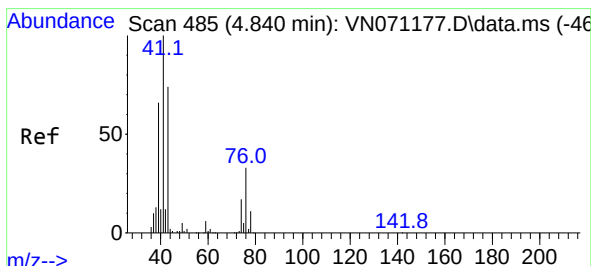
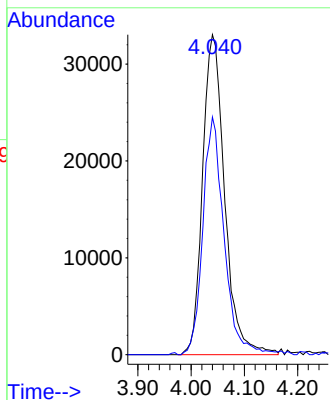
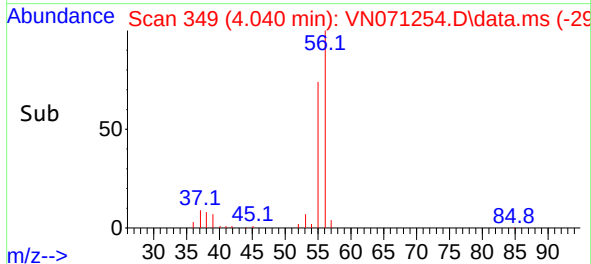
Instrument :
MSVOA_N
ClientSampleId :
VN0311MBSD02



Tgt Ion: 56 Resp: 94999
Ion Ratio Lower Upper
56 100
55 71.7 56.6 85.0

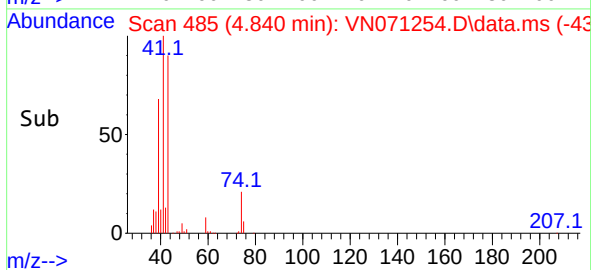
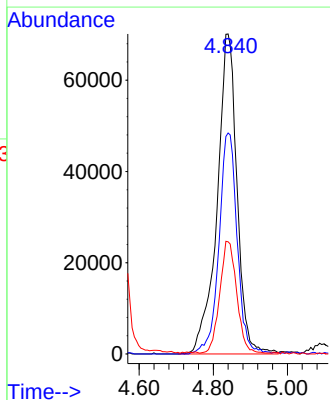
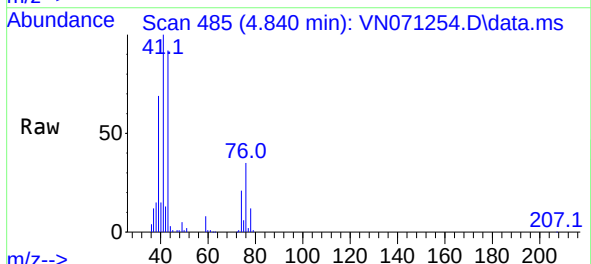
Manual Integrations
APPROVED

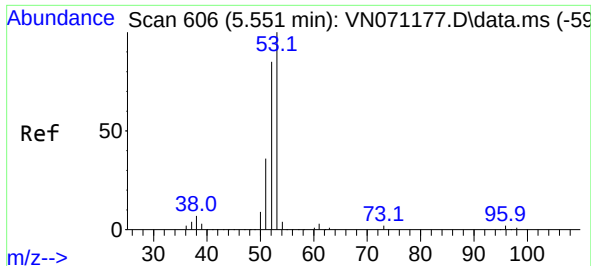
Reviewed By :John Carlone 03/14/2022
Supervised By :Mahesh Dadoda 03/15/2022



#14
Allyl chloride
Concen: 17.187 ug/l
RT: 4.840 min Scan# 485
Delta R.T. 0.000 min
Lab File: VN071254.D
Acq: 11 Mar 2022 17:47

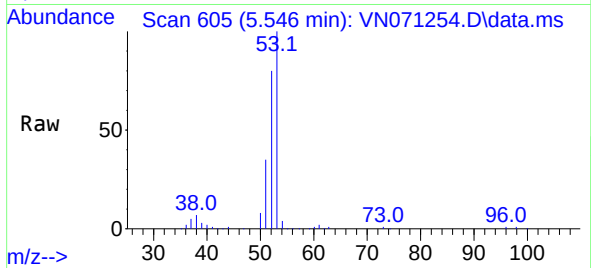
Tgt Ion: 41 Resp: 261893
Ion Ratio Lower Upper
41 100
39 63.1 61.2 91.8
76 29.5 26.0 39.0





#15
Acrylonitrile
Concen: 89.837 ug/l
RT: 5.546 min Scan# 606
Delta R.T. -0.006 min
Lab File: VN071254.D
Acq: 11 Mar 2022 17:47

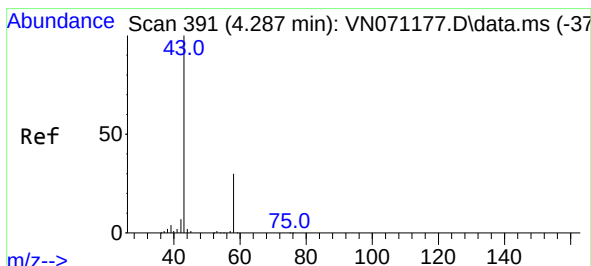
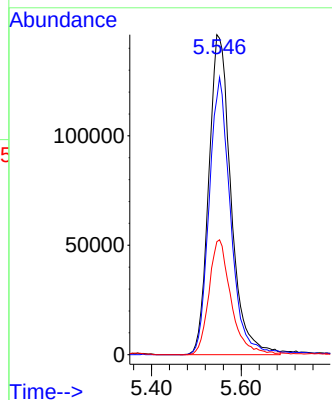
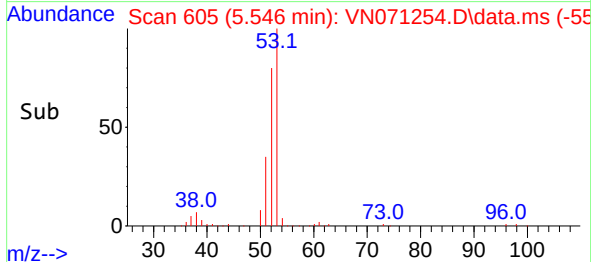
Instrument :
MSVOA_N
ClientSampleId :
VN0311MBSD02



Tgt Ion: 53 Resp: 501889
Ion Ratio Lower Upper
53 100
52 83.3 66.2 99.2
51 35.8 29.6 44.4

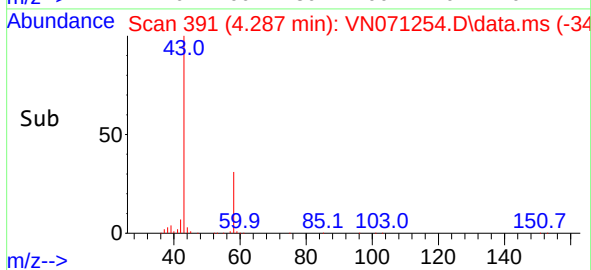
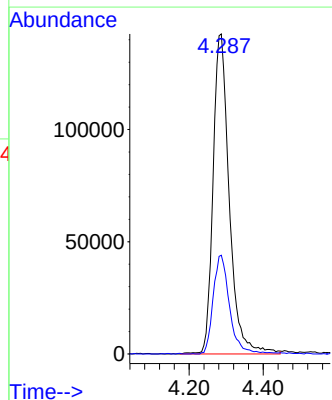
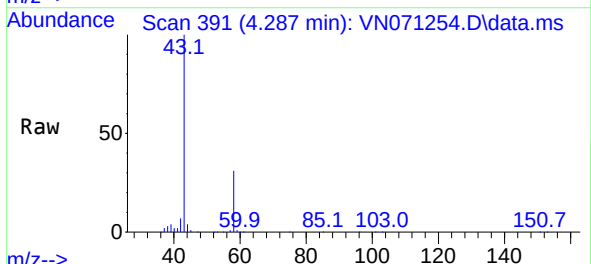
Manual Integrations
APPROVED

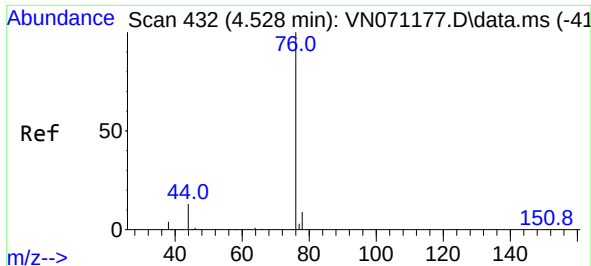
Reviewed By :John Carlone 03/14/2022
Supervised By :Mahesh Dadoda 03/15/2022



#16
Acetone
Concen: 92.931 ug/l
RT: 4.287 min Scan# 391
Delta R.T. 0.000 min
Lab File: VN071254.D
Acq: 11 Mar 2022 17:47

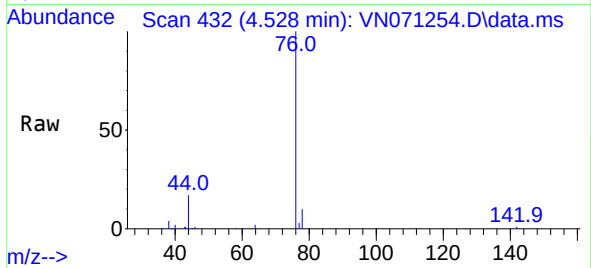
Tgt Ion: 43 Resp: 433065
Ion Ratio Lower Upper
43 100
58 30.7 23.1 34.7





#17
Carbon Disulfide
Concen: 15.180 ug/l
RT: 4.528 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN071254.D
Acq: 11 Mar 2022 17:47

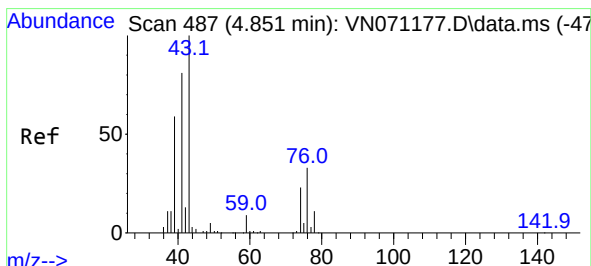
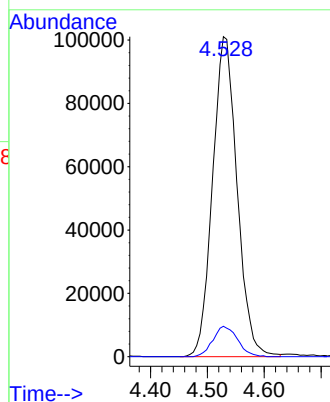
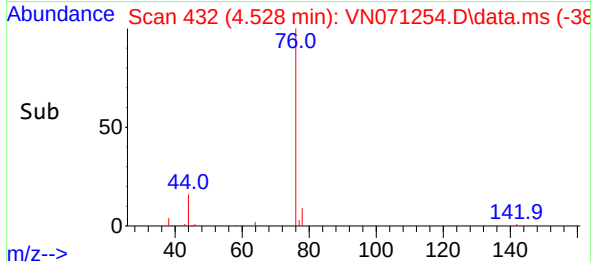
Instrument :
MSVOA_N
ClientSampleId :
VN0311MBS02



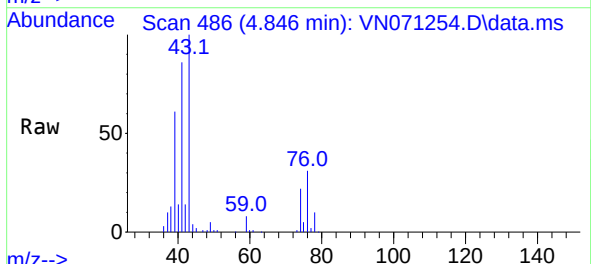
Tgt Ion: 76 Resp: 302768
Ion Ratio Lower Upper
76 100
78 9.5 7.5 11.3

Manual Integrations
APPROVED

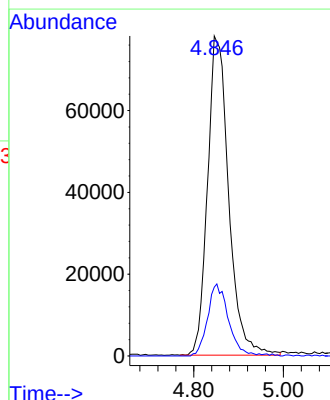
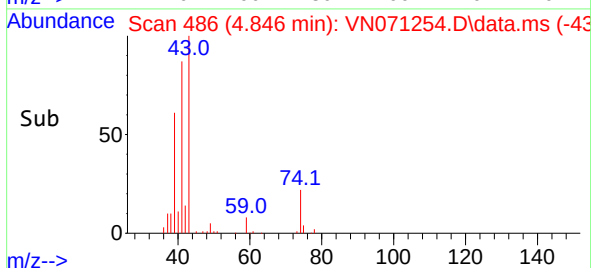
Reviewed By :John Carlone 03/14/2022
Supervised By :Mahesh Dadoda 03/15/2022

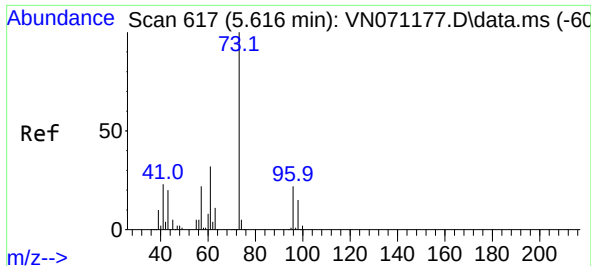


#18
Methyl Acetate
Concen: 20.672 ug/l
RT: 4.846 min Scan# 486
Delta R.T. -0.005 min
Lab File: VN071254.D
Acq: 11 Mar 2022 17:47



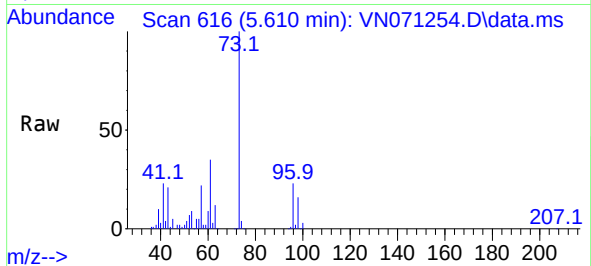
Tgt Ion: 43 Resp: 255234
Ion Ratio Lower Upper
43 100
74 22.1 19.4 29.2





#19
Methyl tert-butyl Ether
Concen: 18.766 ug/l
RT: 5.610 min Scan# 617
Delta R.T. -0.006 min
Lab File: VN071254.D
Acq: 11 Mar 2022 17:47

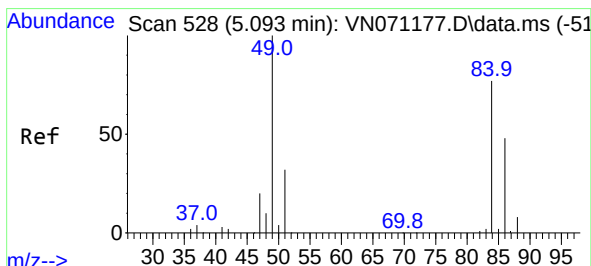
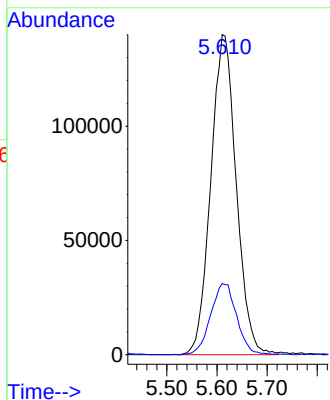
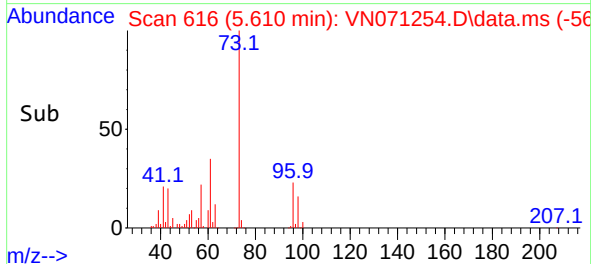
Instrument :
MSVOA_N
ClientSampleId :
VN0311MBSD02



Tgt Ion: 73 Resp: 493604
Ion Ratio Lower Upper
73 100
57 22.3 16.8 25.2

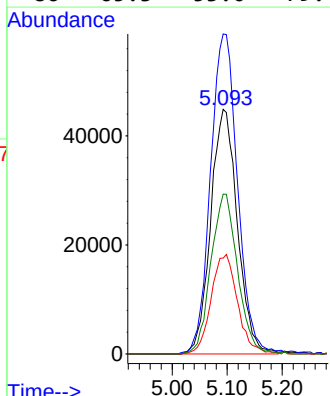
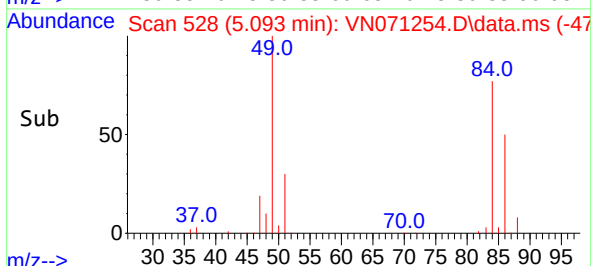
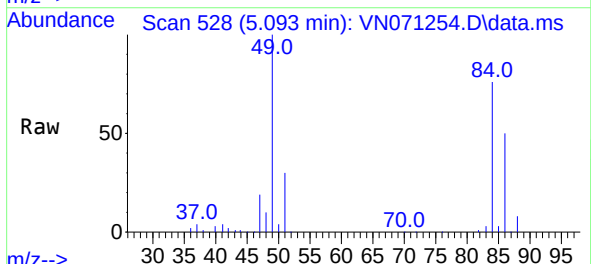
Manual Integrations
APPROVED

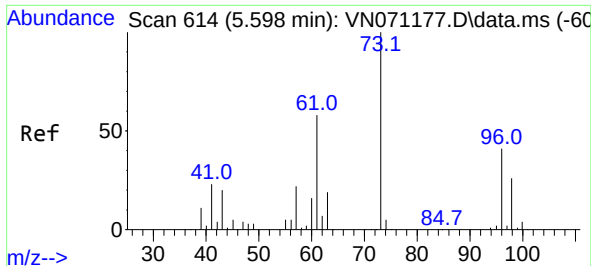
Reviewed By :John Carlone 03/14/2022
Supervised By :Mahesh Dadoda 03/15/2022



#20
Methylene Chloride
Concen: 18.055 ug/l
RT: 5.093 min Scan# 528
Delta R.T. -0.000 min
Lab File: VN071254.D
Acq: 11 Mar 2022 17:47

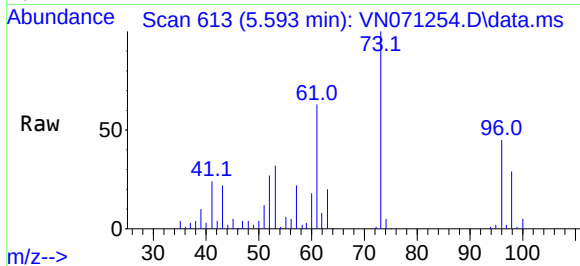
Tgt Ion: 84 Resp: 151685
Ion Ratio Lower Upper
84 100
49 130.8 93.5 140.3
51 39.2 29.4 44.2
86 65.3 53.0 79.4





#21
trans-1,2-Dichloroethene
Concen: 17.237 ug/l
RT: 5.593 min Scan# 614
Delta R.T. -0.006 min
Lab File: VN071254.D
Acq: 11 Mar 2022 17:47

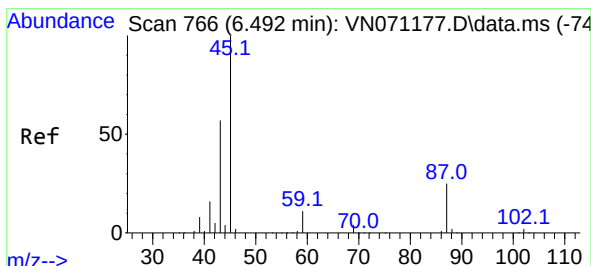
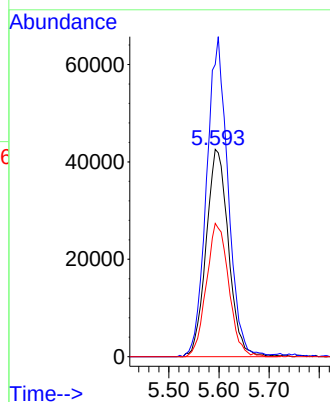
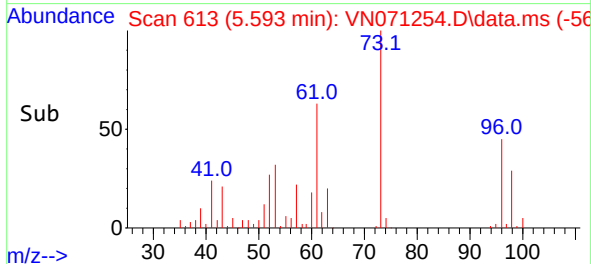
Instrument :
MSVOA_N
ClientSampleId :
VN0311MBSD02



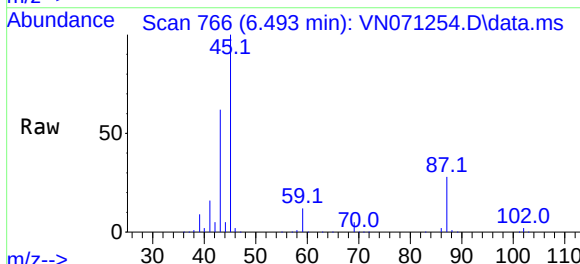
Tgt Ion: 96 Resp: 132085
Ion Ratio Lower Upper
96 100
61 140.3 105.8 158.6
98 64.3 52.0 78.0

Manual Integrations
APPROVED

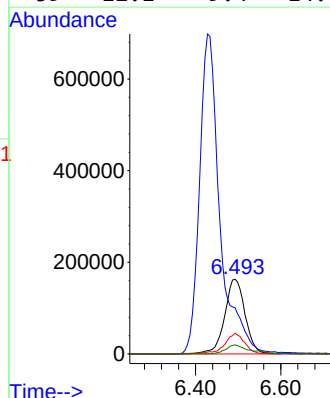
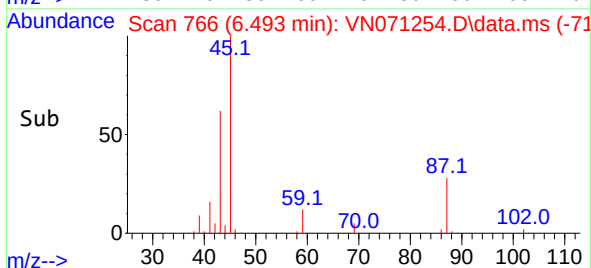
Reviewed By :John Carlone 03/14/2022
Supervised By :Mahesh Dadoda 03/15/2022

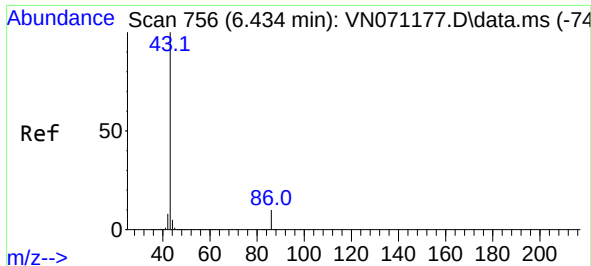


#22
Diisopropyl ether
Concen: 18.088 ug/l
RT: 6.493 min Scan# 766
Delta R.T. 0.000 min
Lab File: VN071254.D
Acq: 11 Mar 2022 17:47



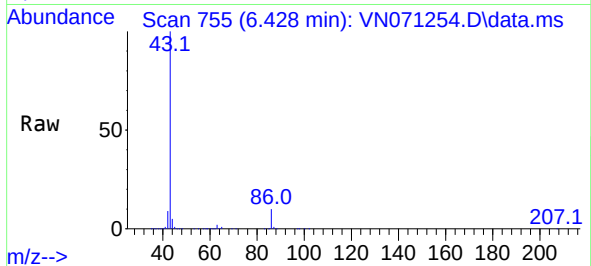
Tgt Ion: 45 Resp: 543004
Ion Ratio Lower Upper
45 100
43 61.3 51.7 77.5
87 27.8 23.2 34.8
59 12.1 9.4 14.0





#23
 Vinyl Acetate
 Concen: 91.753 ug/l
 RT: 6.428 min Scan# 755
 Delta R.T. -0.006 min
 Lab File: VN071254.D
 Acq: 11 Mar 2022 17:47

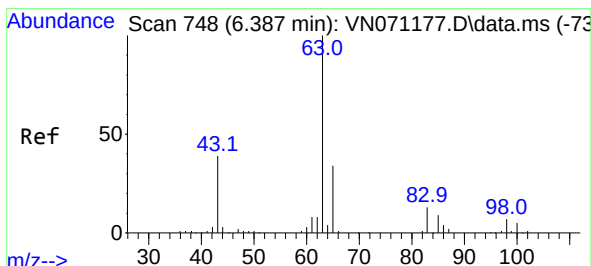
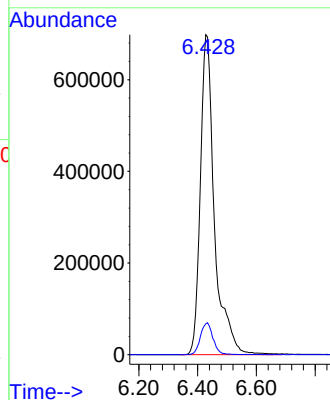
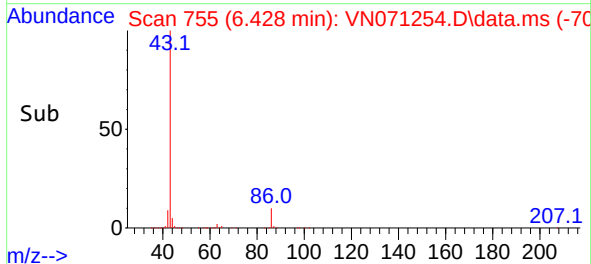
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0311MBSD02



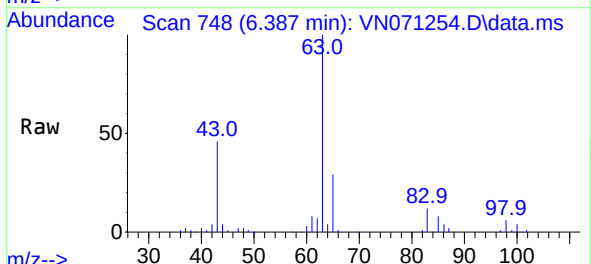
Tgt Ion: 43 Resp: 2331799
 Ion Ratio Lower Upper
 43 100
 86 9.6 8.5 12.7

Manual Integrations
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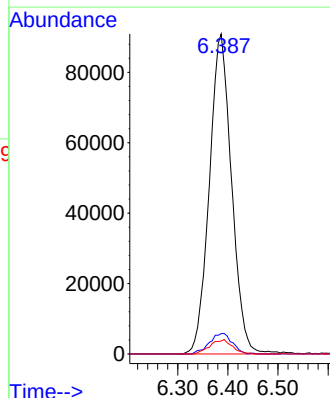
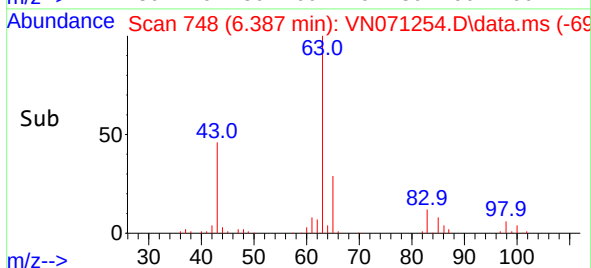
Reviewed By :John Carlone 03/14/2022
 Supervised By :Mahesh Dadoda 03/15/2022

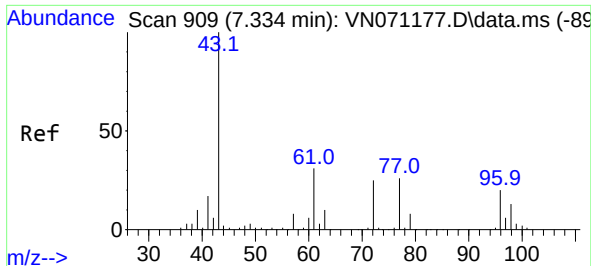


#24
 1,1-Dichloroethane
 Concen: 17.630 ug/l
 RT: 6.387 min Scan# 748
 Delta R.T. 0.000 min
 Lab File: VN071254.D
 Acq: 11 Mar 2022 17:47



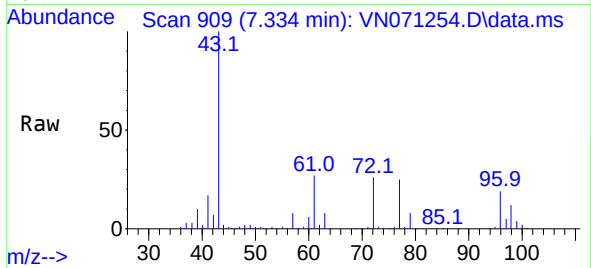
Tgt Ion: 63 Resp: 279656
 Ion Ratio Lower Upper
 63 100
 98 6.4 3.3 9.9
 100 4.1 2.1 6.5





#25
2-Butanone
Concen: 93.801 ug/l
RT: 7.334 min Scan# 909
Delta R.T. 0.000 min
Lab File: VN071254.D
Acq: 11 Mar 2022 17:47

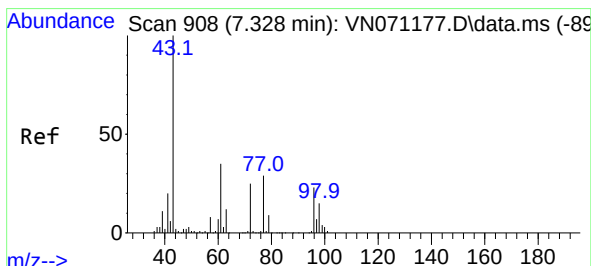
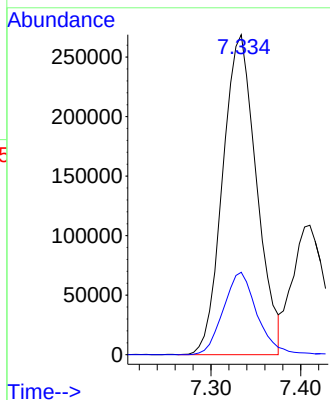
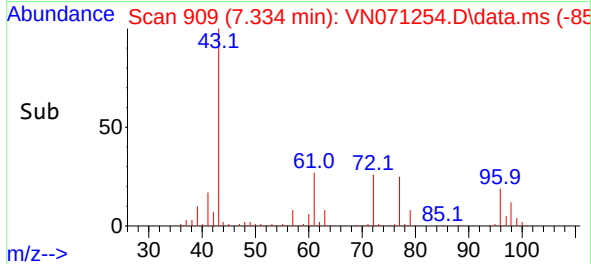
Instrument :
MSVOA_N
ClientSampleId :
VN0311MBSD02



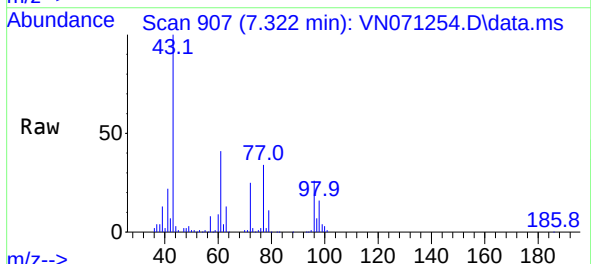
Tgt Ion: 43 Resp: 704152
Ion Ratio Lower Upper
43 100
72 25.8 21.7 32.5

Manual Integrations
APPROVED

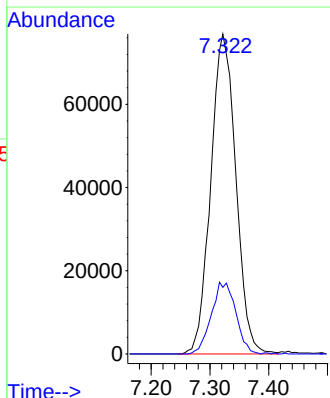
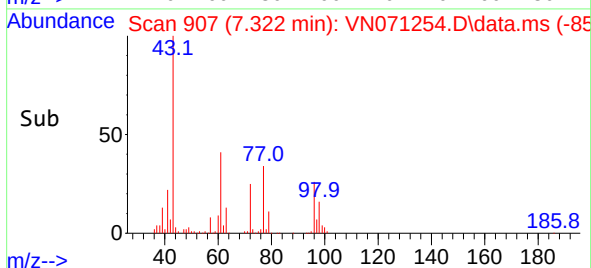
Reviewed By :John Carlone 03/14/2022
Supervised By :Mahesh Dadoda 03/15/2022

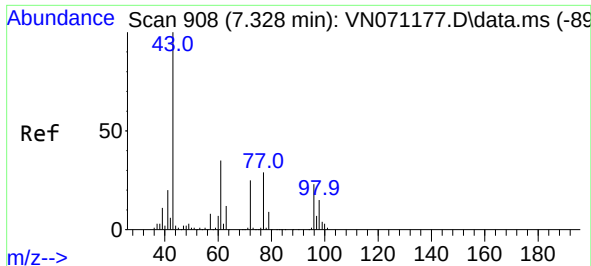


#26
2,2-Dichloropropane
Concen: 18.616 ug/l
RT: 7.322 min Scan# 907
Delta R.T. -0.006 min
Lab File: VN071254.D
Acq: 11 Mar 2022 17:47



Tgt Ion: 77 Resp: 227822
Ion Ratio Lower Upper
77 100
97 21.8 11.6 34.8





#27

cis-1,2-Dichloroethene

Concen: 17.835 ug/l

RT: 7.322 min Scan# 908

Delta R.T. -0.006 min

Lab File: VN071254.D

Acq: 11 Mar 2022 17:47

Instrument :

MSVOA_N

ClientSampleId :

VN0311MBSD02

Tgt Ion: 96 Resp: 162208

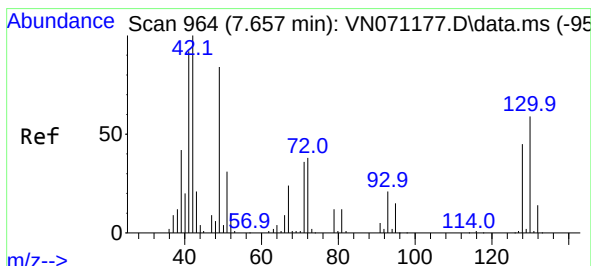
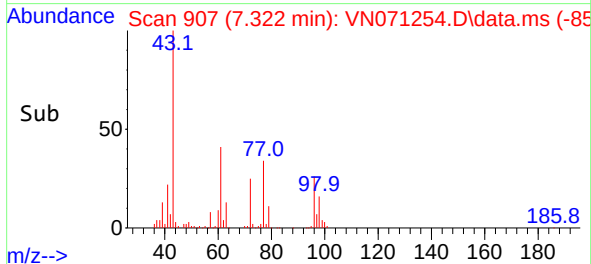
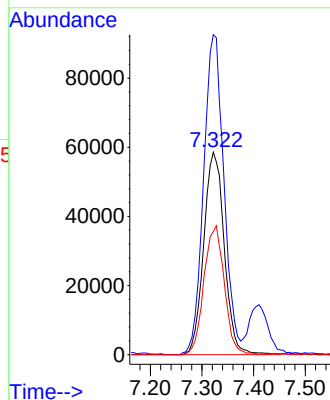
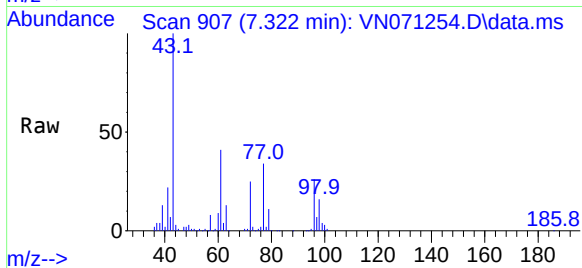
Ion	Ratio	Lower	Upper
96	100		
61	155.2	0.0	275.0
98	62.9	0.0	129.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/14/2022

Supervised By :Mahesh Dadoda 03/15/2022



#28

Bromochloromethane

Concen: 16.467 ug/l

RT: 7.657 min Scan# 964

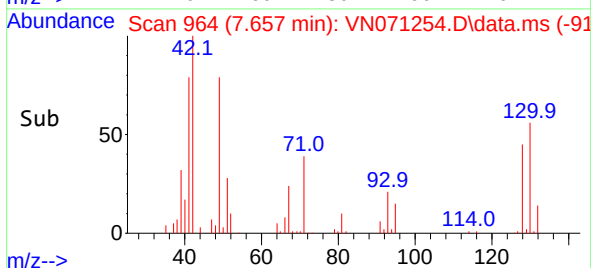
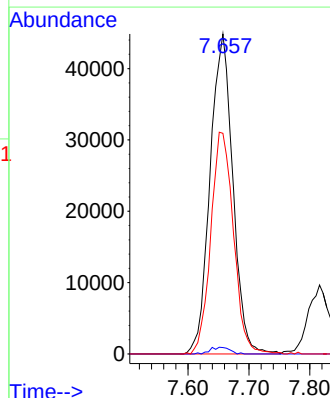
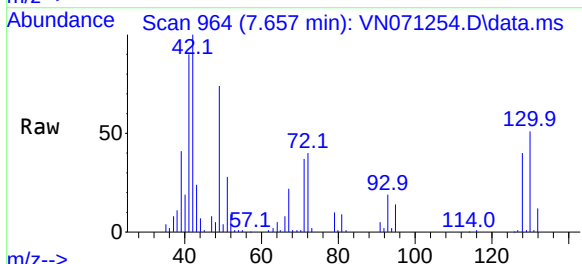
Delta R.T. 0.000 min

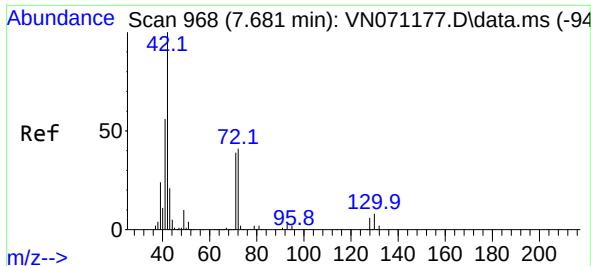
Lab File: VN071254.D

Acq: 11 Mar 2022 17:47

Tgt Ion: 49 Resp: 116320

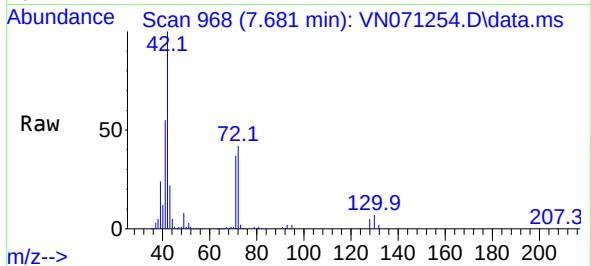
Ion	Ratio	Lower	Upper
49	100		
129	1.8	0.0	4.0
130	69.2	67.8	101.8





#29
Tetrahydrofuran
Concen: 92.581 ug/l
RT: 7.681 min Scan# 90
Delta R.T. 0.000 min
Lab File: VN071254.D
Acq: 11 Mar 2022 17:47

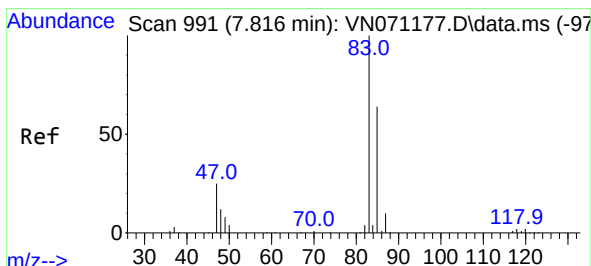
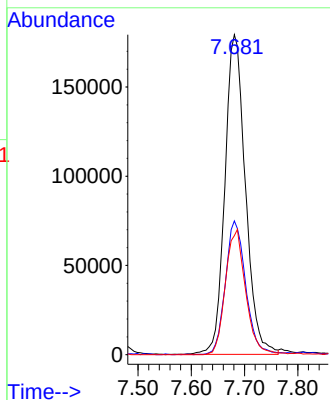
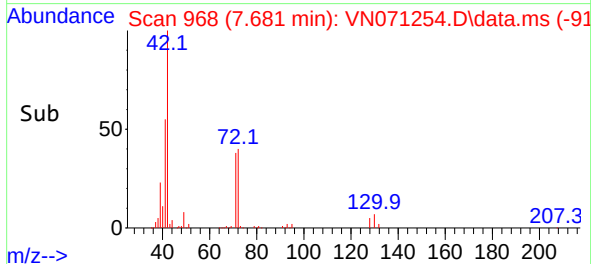
Instrument :
MSVOA_N
ClientSampleId :
VN0311MBSD02



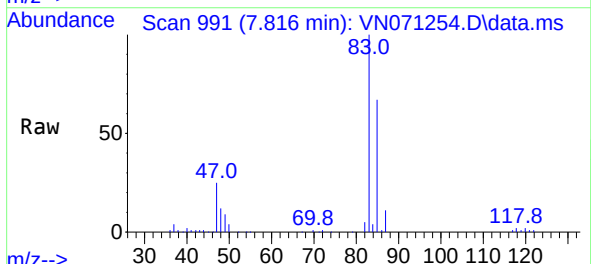
Tgt Ion: 42 Resp: 481475
Ion Ratio Lower Upper
42 100
72 41.7 36.3 54.5
71 38.6 34.7 52.1

Manual Integrations
APPROVED

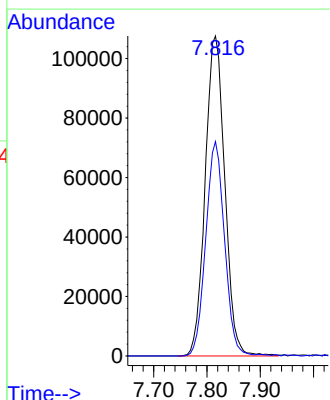
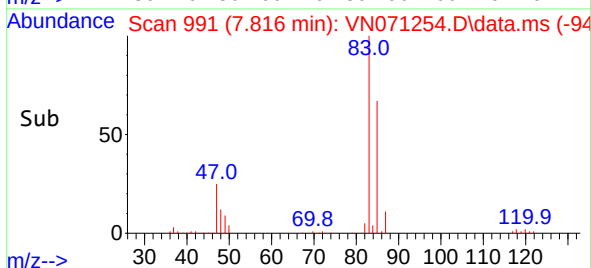
Reviewed By :John Carlone 03/14/2022
Supervised By :Mahesh Dadoda 03/15/2022

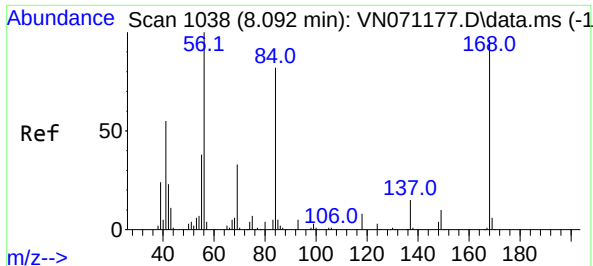


#30
Chloroform
Concen: 18.162 ug/l
RT: 7.816 min Scan# 991
Delta R.T. 0.000 min
Lab File: VN071254.D
Acq: 11 Mar 2022 17:47



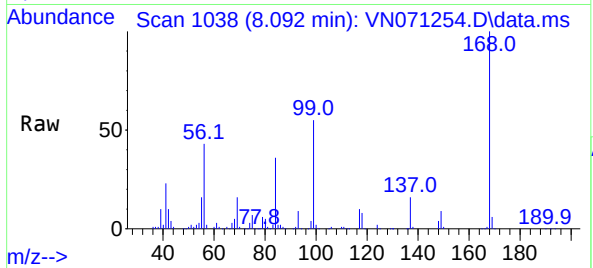
Tgt Ion: 83 Resp: 274772
Ion Ratio Lower Upper
83 100
85 67.0 51.9 77.9





#31
Cyclohexane
Concen: 17.164 ug/l
RT: 8.092 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VN071254.D
Acq: 11 Mar 2022 17:47

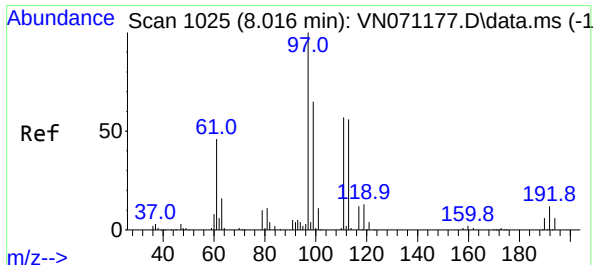
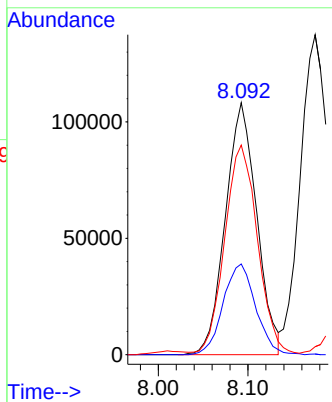
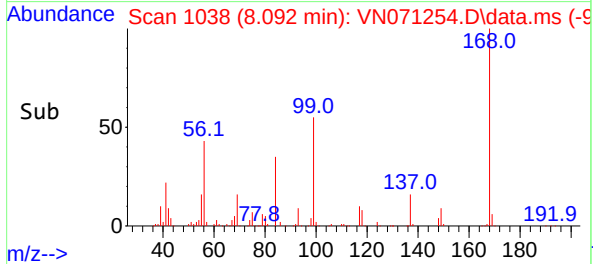
Instrument :
MSVOA_N
ClientSampleId :
VN0311MBSD02



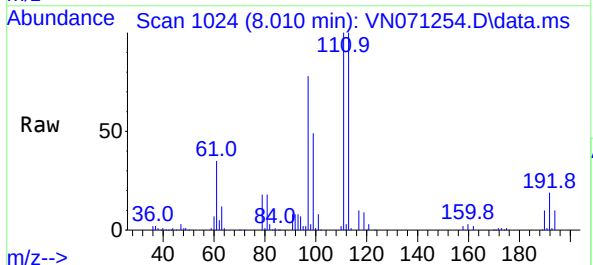
Tgt Ion: 56 Resp: 262518
Ion Ratio Lower Upper
56 100
69 36.0 27.1 40.7
84 82.0 73.4 110.0

Manual Integrations
APPROVED

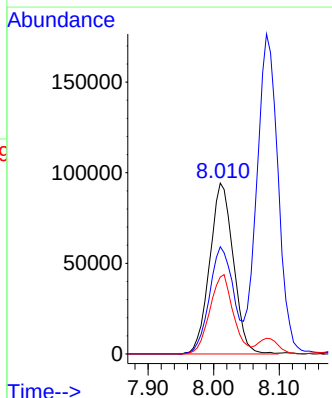
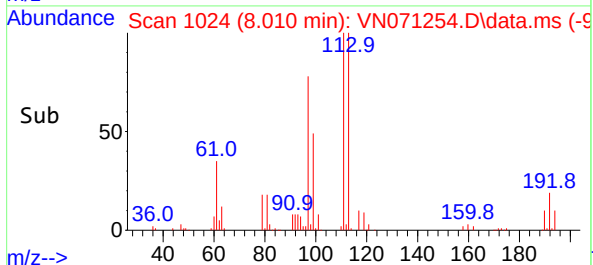
Reviewed By :John Carlone 03/14/2022
Supervised By :Mahesh Dadoda 03/15/2022

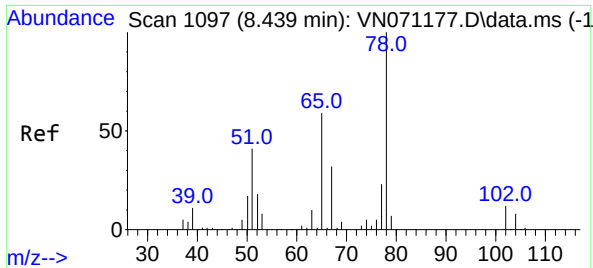


#32
1,1,1-Trichloroethane
Concen: 18.317 ug/l
RT: 8.010 min Scan# 1024
Delta R.T. -0.006 min
Lab File: VN071254.D
Acq: 11 Mar 2022 17:47



Tgt Ion: 97 Resp: 236059
Ion Ratio Lower Upper
97 100
99 64.8 50.1 75.1
61 46.0 35.2 52.8





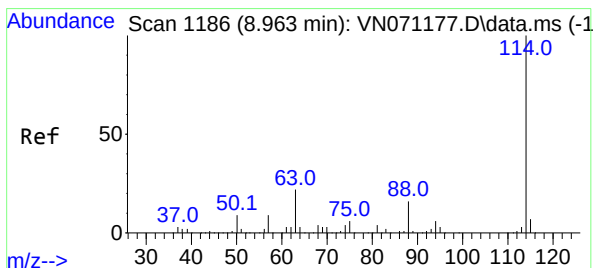
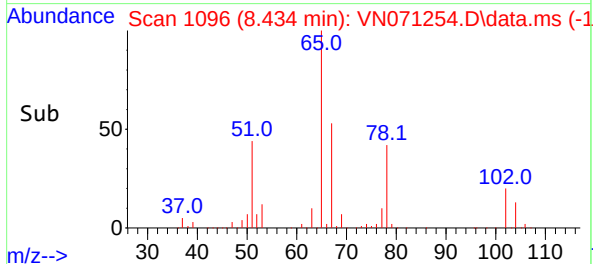
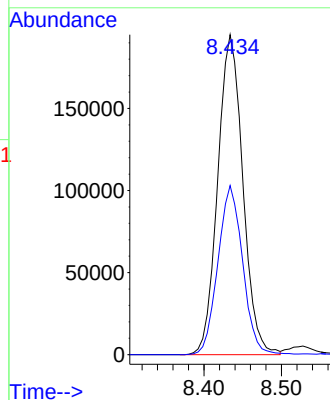
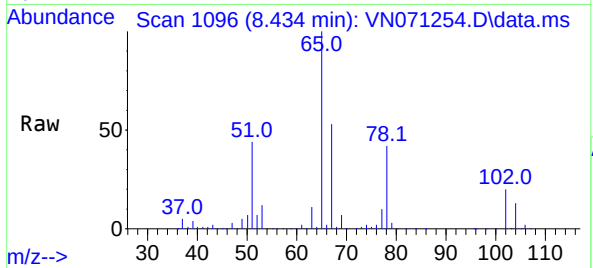
#33
1,2-Dichloroethane-d4
Concen: 45.885 ug/l
RT: 8.434 min Scan# 1096
Delta R.T. -0.006 min
Lab File: VN071254.D
Acq: 11 Mar 2022 17:47

Instrument :
MSVOA_N
ClientSampleId :
VN0311MBSD02

Tgt Ion: 65 Resp: 439462
Ion Ratio Lower Upper
65 100
67 52.0 0.0 103.0

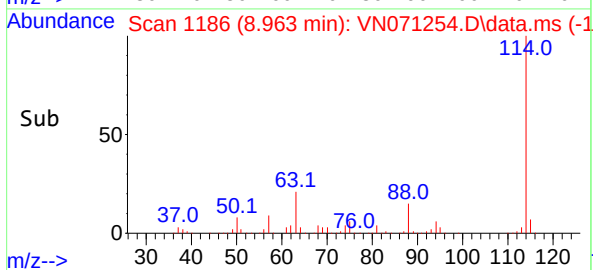
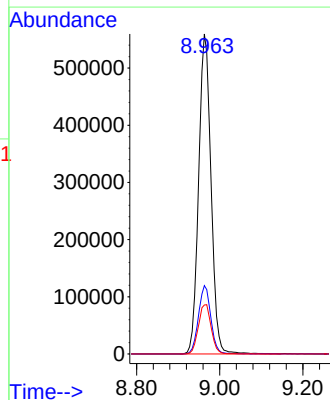
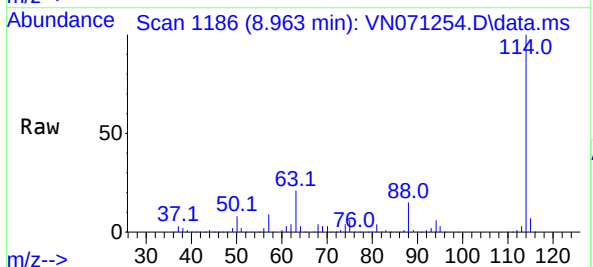
Manual Integrations
APPROVED

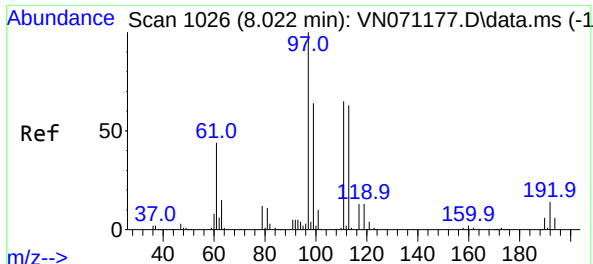
Reviewed By :John Carlone 03/14/2022
Supervised By :Mahesh Dadoda 03/15/2022



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. -0.000 min
Lab File: VN071254.D
Acq: 11 Mar 2022 17:47

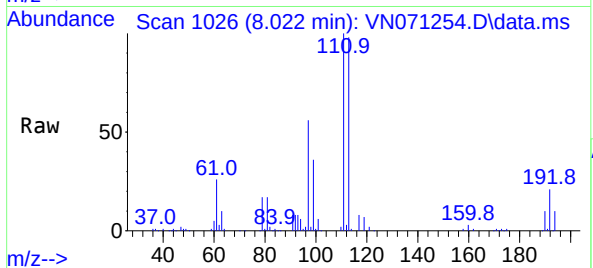
Tgt Ion:114 Resp: 1152826
Ion Ratio Lower Upper
114 100
63 21.3 0.0 37.8
88 15.3 0.0 27.4





#35
Dibromofluoromethane
Concen: 44.902 ug/l
RT: 8.022 min Scan# 1060
Delta R.T. 0.000 min
Lab File: VN071254.D
Acq: 11 Mar 2022 17:47

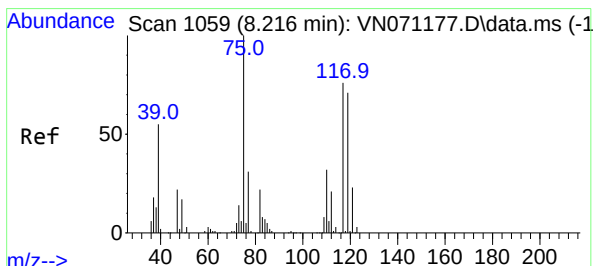
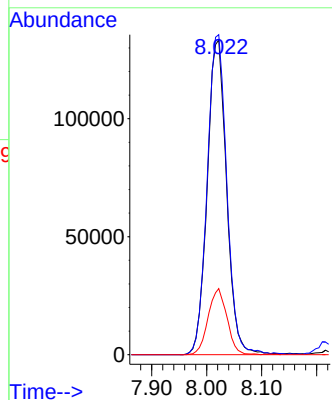
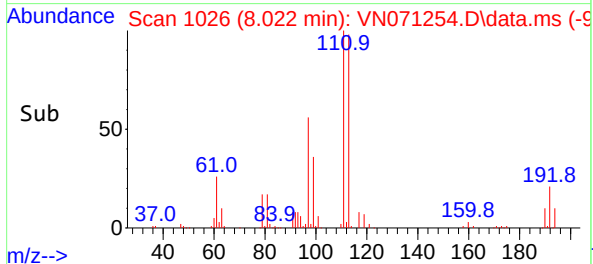
Instrument :
MSVOA_N
ClientSampleId :
VN0311MBSD02



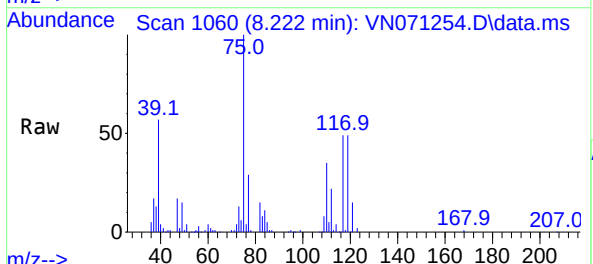
Tgt Ion: 113 Resp: 32665
Ion Ratio Lower Upper
113 100
111 102.8 82.2 123.2
192 20.4 16.9 25.3

Manual Integrations
APPROVED

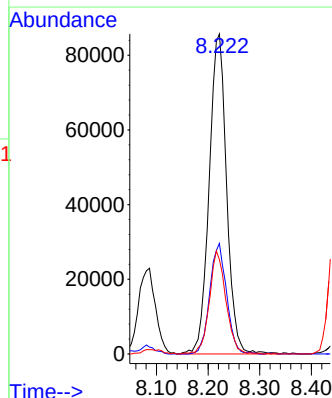
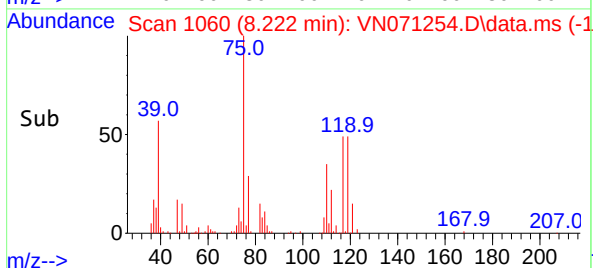
Reviewed By :John Carlone 03/14/2022
Supervised By :Mahesh Dadoda 03/15/2022

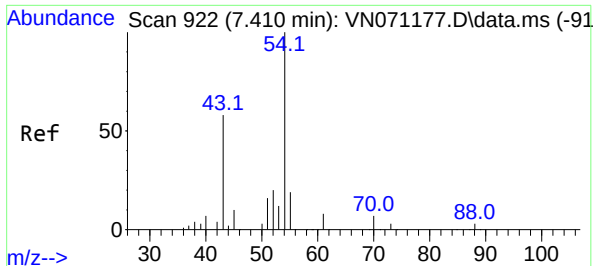


#36
1,1-Dichloropropene
Concen: 17.250 ug/l
RT: 8.222 min Scan# 1060
Delta R.T. 0.006 min
Lab File: VN071254.D
Acq: 11 Mar 2022 17:47



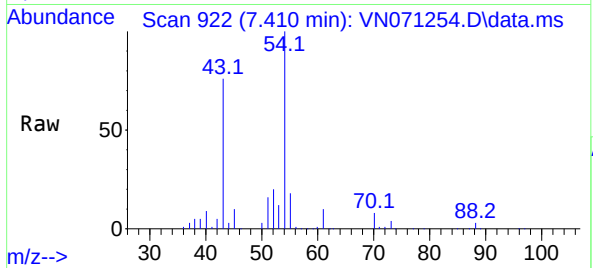
Tgt Ion: 75 Resp: 201066
Ion Ratio Lower Upper
75 100
110 33.4 18.4 55.2
77 30.6 24.4 36.6





#37
Ethyl Acetate
Concen: 17.913 ug/l
RT: 7.410 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN071254.D
Acq: 11 Mar 2022 17:47

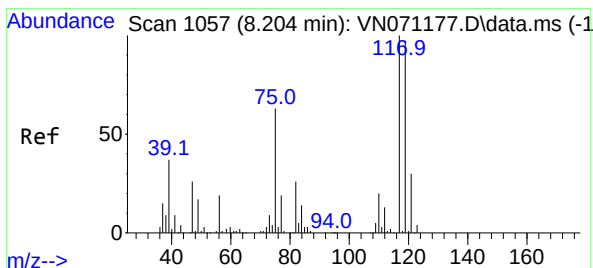
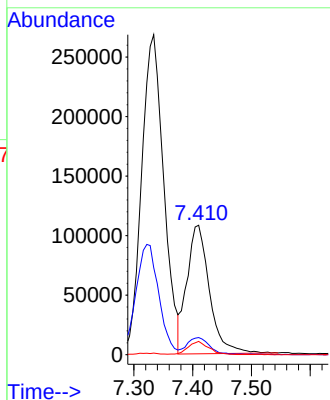
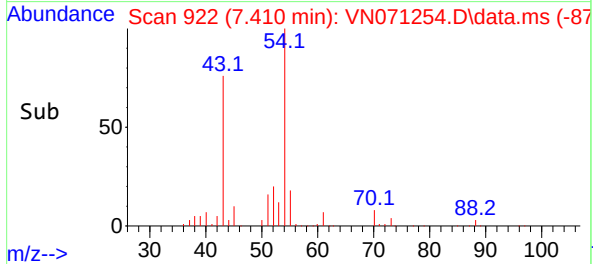
Instrument :
MSVOA_N
ClientSampleId :
VN0311MBS02



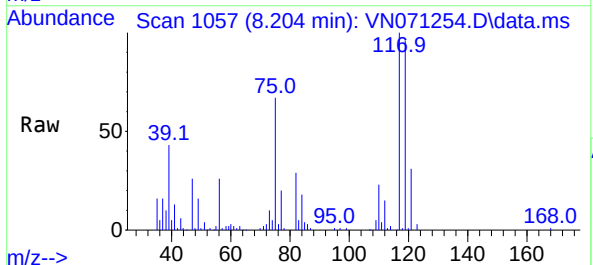
Tgt Ion: 43 Resp: 287344
Ion Ratio Lower Upper
43 100
61 13.0 11.5 17.3
70 9.2 7.9 11.9

Manual Integrations
APPROVED

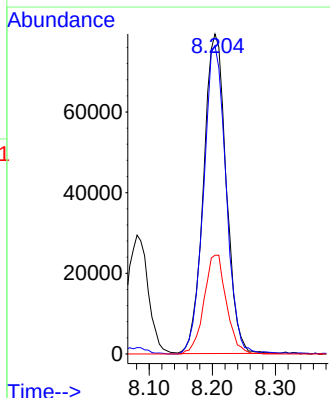
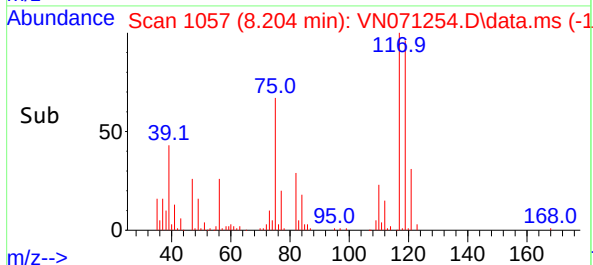
Reviewed By :John Carlone 03/14/2022
Supervised By :Mahesh Dadoda 03/15/2022

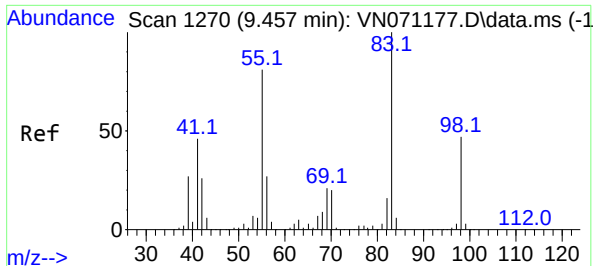


#38
Carbon Tetrachloride
Concen: 17.496 ug/l
RT: 8.204 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VN071254.D
Acq: 11 Mar 2022 17:47



Tgt Ion:117 Resp: 197256
Ion Ratio Lower Upper
117 100
119 96.6 76.1 114.1
121 30.9 24.2 36.2





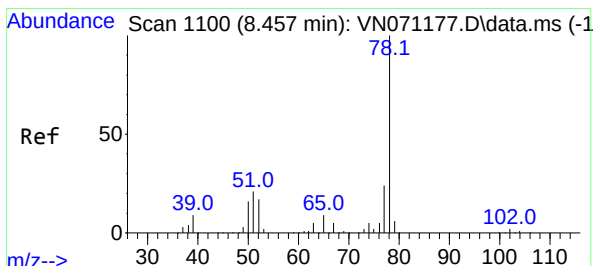
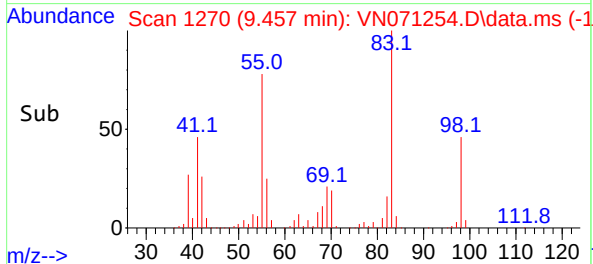
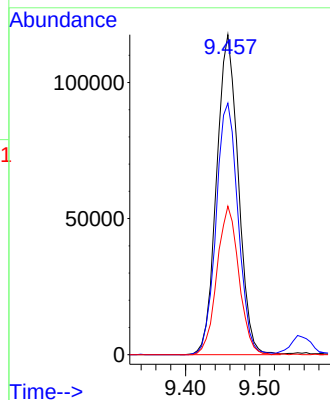
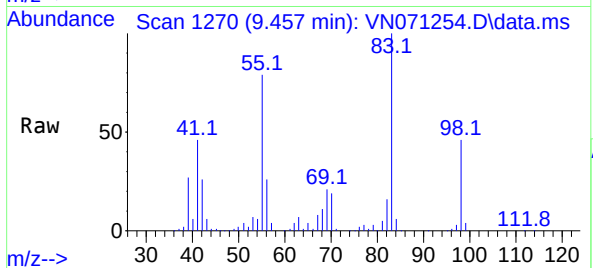
#39
Methylcyclohexane
Concen: 17.452 ug/l
RT: 9.457 min Scan# 1100
Delta R.T. 0.000 min
Lab File: VN071254.D
Acq: 11 Mar 2022 17:47

Instrument :
MSVOA_N
ClientSampleId :
VN0311MBSD02

Tgt Ion: 83 Resp: 239304
Ion Ratio Lower Upper
83 100
55 78.6 58.1 87.1
98 46.4 38.4 57.6

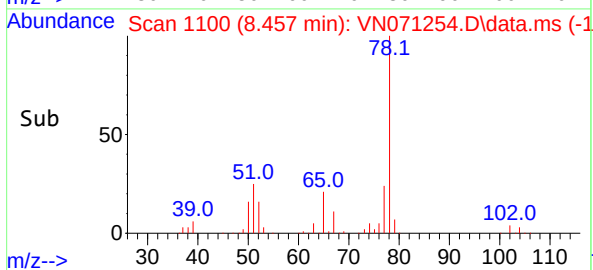
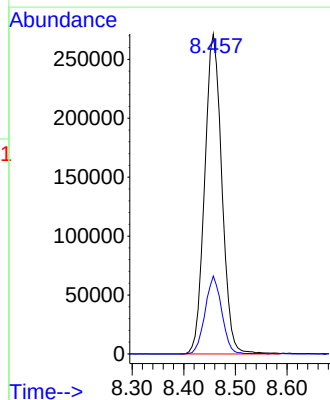
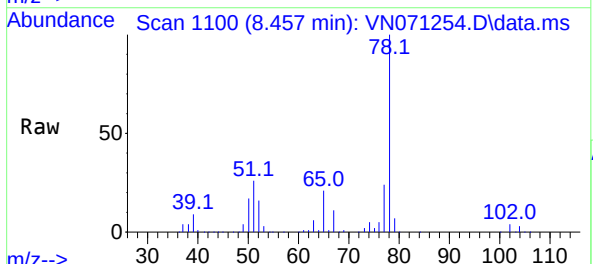
Manual Integrations
APPROVED

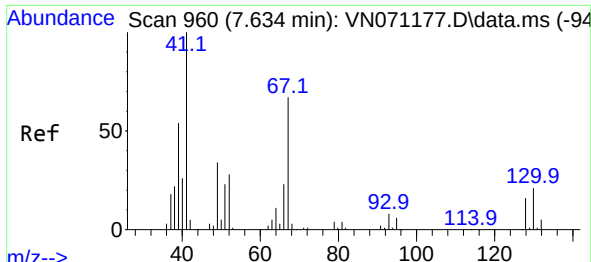
Reviewed By :John Carlone 03/14/2022
Supervised By :Mahesh Dadoda 03/15/2022



#40
Benzene
Concen: 17.826 ug/l
RT: 8.457 min Scan# 1100
Delta R.T. 0.000 min
Lab File: VN071254.D
Acq: 11 Mar 2022 17:47

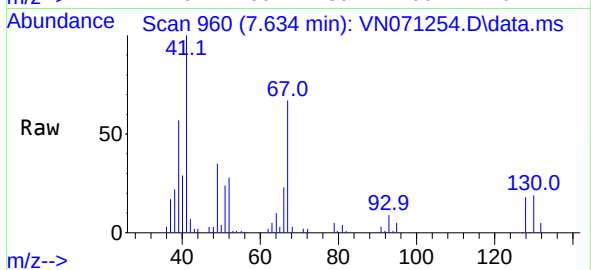
Tgt Ion: 78 Resp: 626021
Ion Ratio Lower Upper
78 100
77 24.3 18.6 27.8





#41
Methacrylonitrile
Concen: 18.574 ug/l
RT: 7.634 min Scan# 960
Delta R.T. 0.000 min
Lab File: VN071254.D
Acq: 11 Mar 2022 17:47

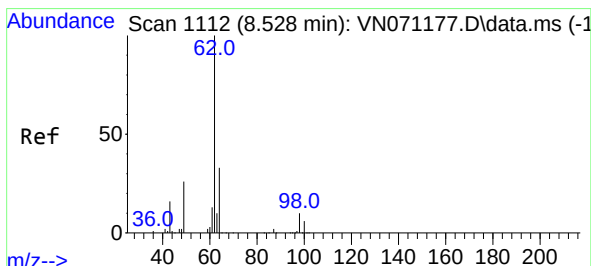
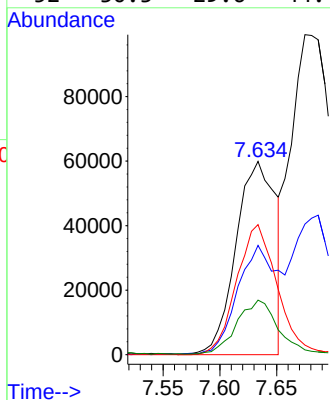
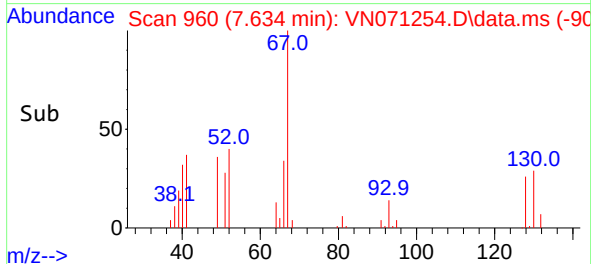
Instrument :
MSVOA_N
ClientSampleId :
VN0311MBSD02



Tgt Ion: 41 Resp: 145814
Ion Ratio Lower Upper
41 100
39 58.9 48.1 72.1
67 69.7 68.3 102.5
52 30.3 29.6 44.4

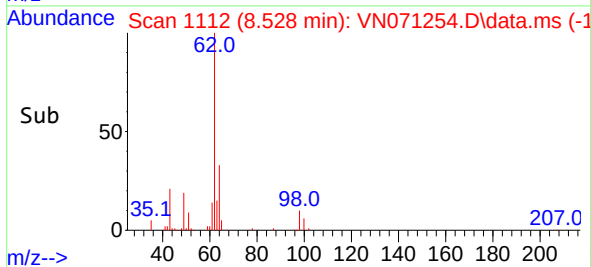
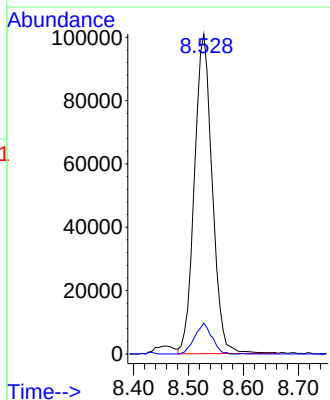
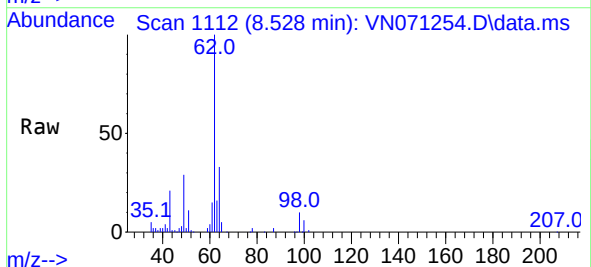
Manual Integrations
APPROVED

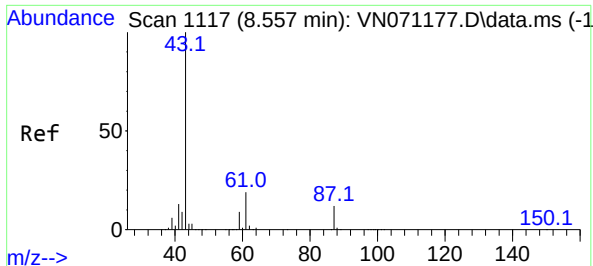
Reviewed By :John Carlone 03/14/2022
Supervised By :Mahesh Dadoda 03/15/2022



#42
1,2-Dichloroethane
Concen: 18.576 ug/l
RT: 8.528 min Scan# 1112
Delta R.T. -0.000 min
Lab File: VN071254.D
Acq: 11 Mar 2022 17:47

Tgt Ion: 62 Resp: 227011
Ion Ratio Lower Upper
62 100
98 9.2 0.0 17.6





#43

Isopropyl Acetate

Concen: 19.599 ug/l

RT: 8.557 min Scan# 1117

Delta R.T. 0.000 min

Lab File: VN071254.D

Acq: 11 Mar 2022 17:47

Instrument :

MSVOA_N

ClientSampleId :

VN0311MBSD02

Tgt Ion: 43 Resp: 47013

Ion Ratio Lower Upper

43 100

61 21.6 20.4 30.6

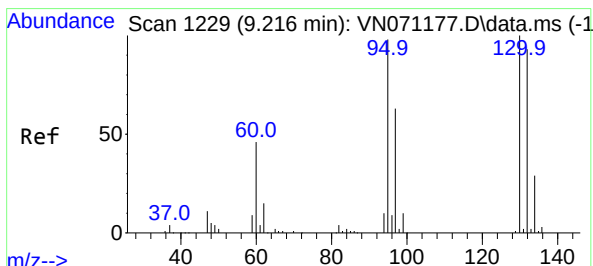
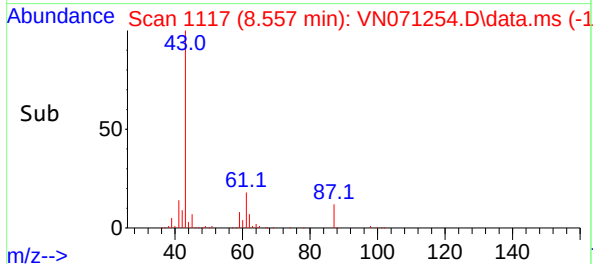
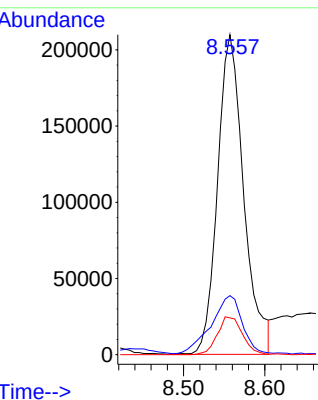
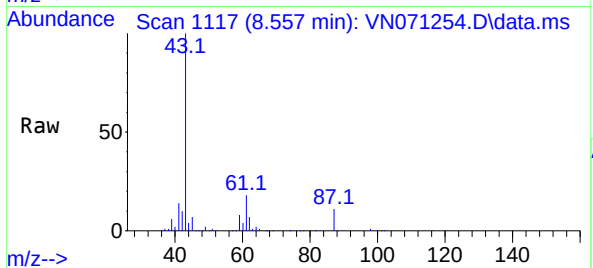
87 11.3 11.2 16.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/14/2022

Supervised By :Mahesh Dadoda 03/15/2022



#44

Trichloroethene

Concen: 17.935 ug/l

RT: 9.216 min Scan# 1229

Delta R.T. -0.000 min

Lab File: VN071254.D

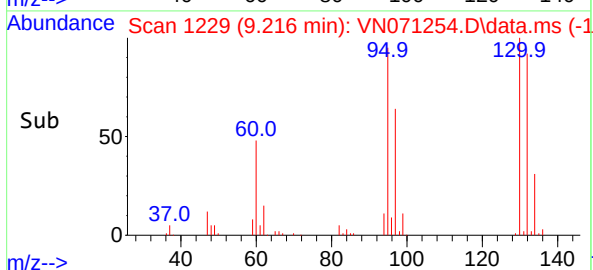
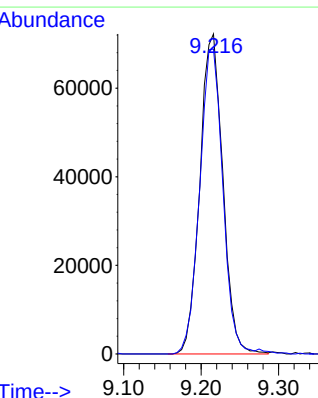
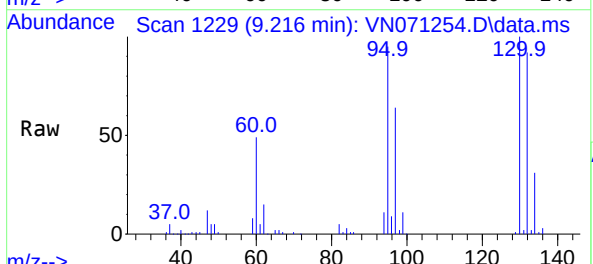
Acq: 11 Mar 2022 17:47

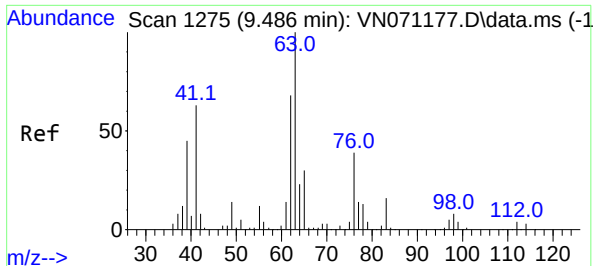
Tgt Ion:130 Resp: 148610

Ion Ratio Lower Upper

130 100

95 95.3 0.0 191.2





#45

1,2-Dichloropropane

Concen: 17.873 ug/l

RT: 9.486 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN071254.D

Acq: 11 Mar 2022 17:47

Instrument :

MSVOA_N

ClientSampleId :

VN0311MBS02

Tgt Ion: 63 Resp: 16848

Ion Ratio Lower Upper

63 100

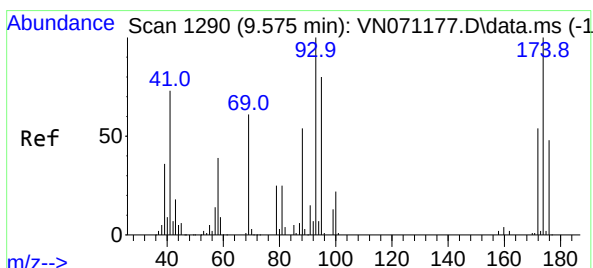
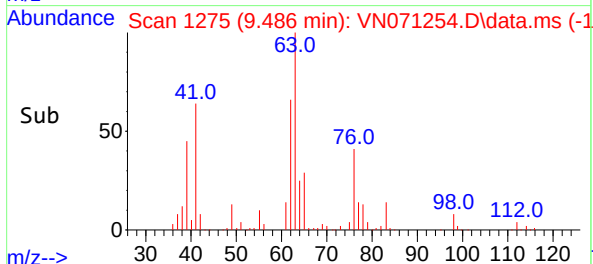
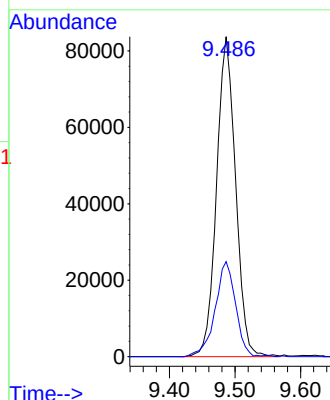
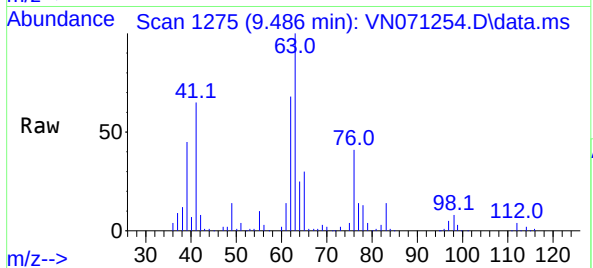
65 29.7 24.7 37.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/14/2022

Supervised By :Mahesh Dadoda 03/15/2022



#46

Dibromomethane

Concen: 17.867 ug/l

RT: 9.575 min Scan# 1290

Delta R.T. -0.000 min

Lab File: VN071254.D

Acq: 11 Mar 2022 17:47

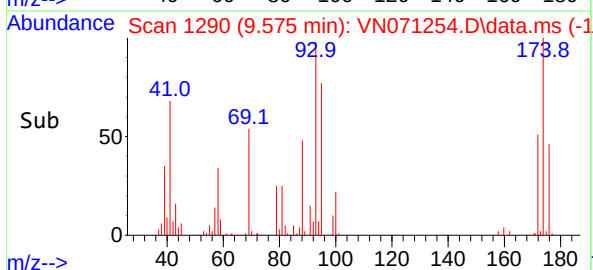
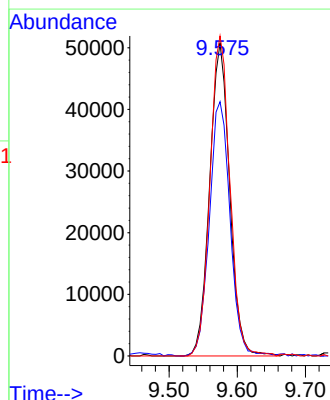
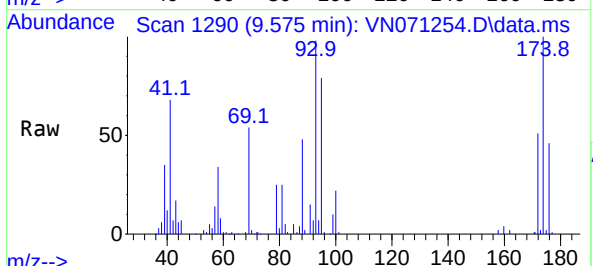
Tgt Ion: 93 Resp: 103670

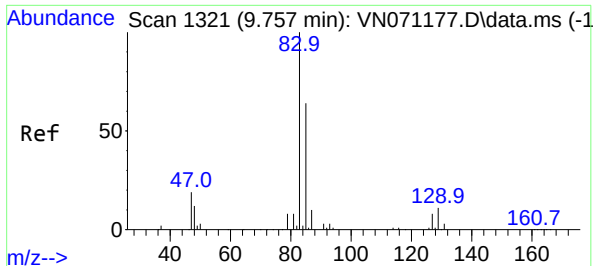
Ion Ratio Lower Upper

93 100

95 84.1 65.9 98.9

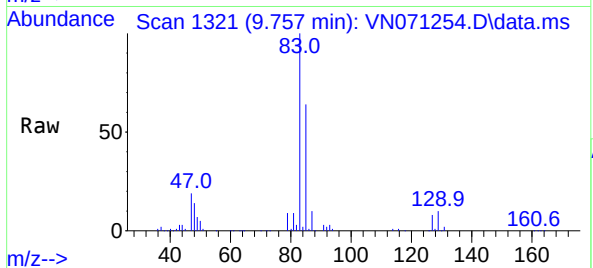
174 102.0 84.6 127.0





#47
Bromodichloromethane
Concen: 17.691 ug/l
RT: 9.757 min Scan# 1321
Delta R.T. 0.000 min
Lab File: VN071254.D
Acq: 11 Mar 2022 17:47

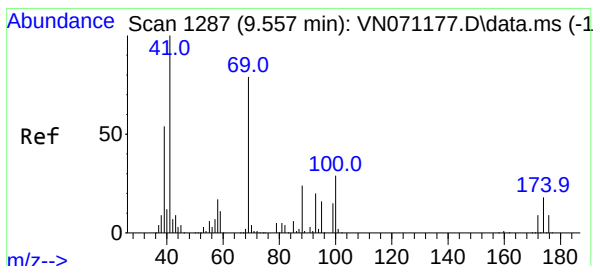
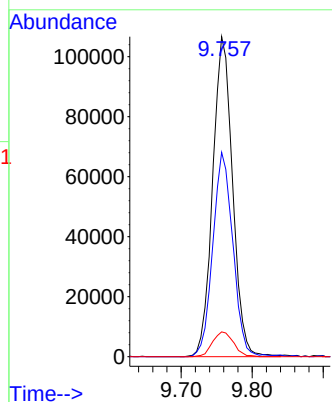
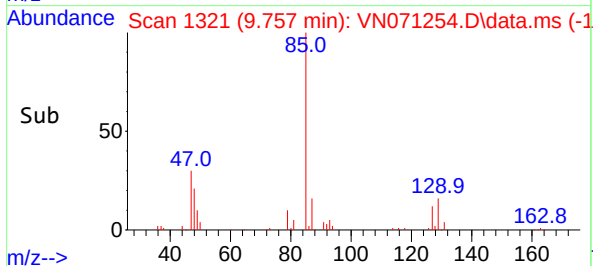
Instrument :
MSVOA_N
ClientSampleId :
VN0311MBS02



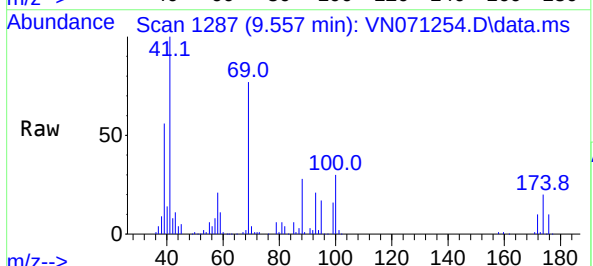
Tgt Ion: 83 Resp: 207449
Ion Ratio Lower Upper
83 100
85 63.8 50.9 76.3
127 7.7 7.1 10.7

Manual Integrations
APPROVED

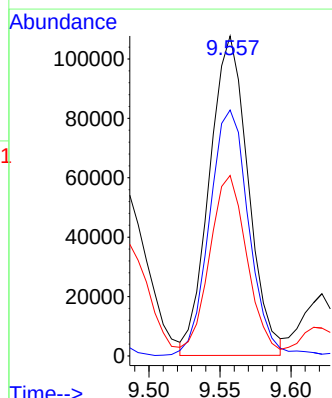
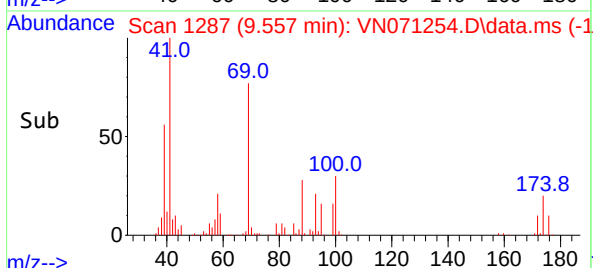
Reviewed By :John Carlone 03/14/2022
Supervised By :Mahesh Dadoda 03/15/2022

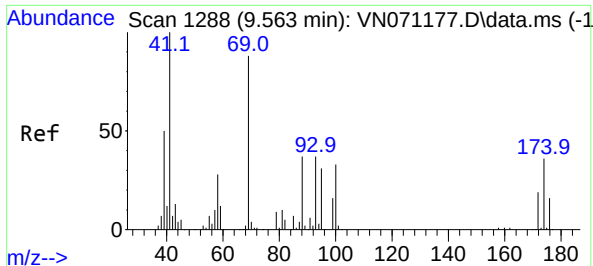


#48
Methyl methacrylate
Concen: 18.366 ug/l
RT: 9.557 min Scan# 1287
Delta R.T. 0.000 min
Lab File: VN071254.D
Acq: 11 Mar 2022 17:47



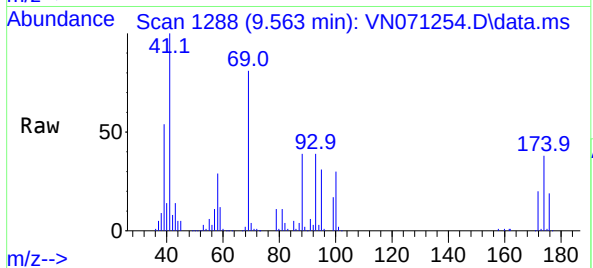
Tgt Ion: 41 Resp: 204172
Ion Ratio Lower Upper
41 100
69 78.9 72.4 108.6
39 54.5 58.4 87.6#





#49
1,4-Dioxane
Concen: 389.341 ug/l
RT: 9.563 min Scan# 1288
Delta R.T. -0.000 min
Lab File: VN071254.D
Acq: 11 Mar 2022 17:47

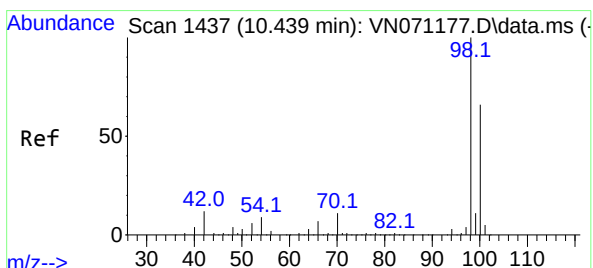
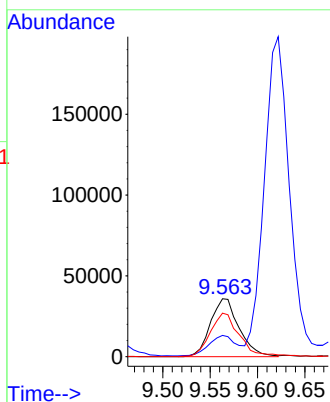
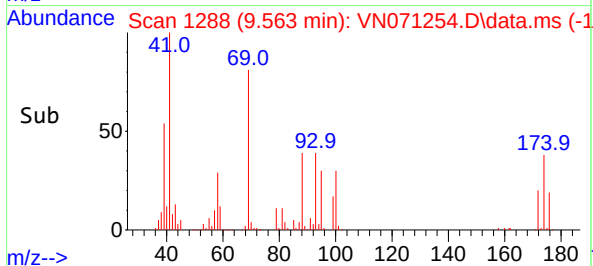
Instrument :
MSVOA_N
ClientSampleId :
VN0311MBS02



Tgt Ion: 88 Resp: 7523
Ion Ratio Lower Upper
88 100
43 34.7 23.4 35.2
58 77.8 50.6 75.8

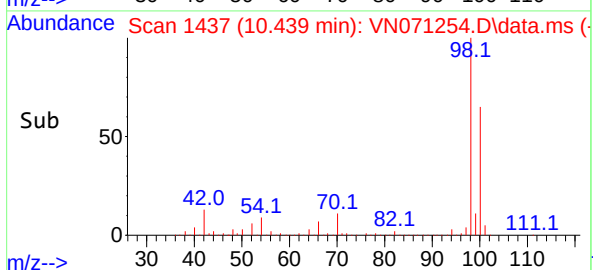
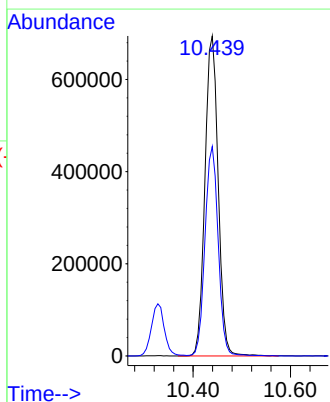
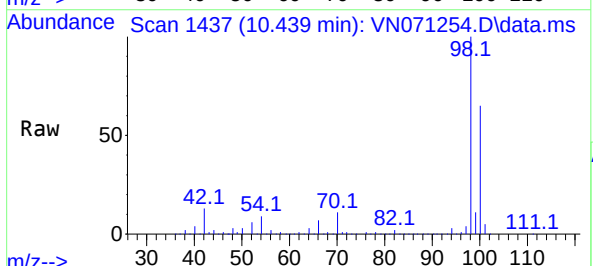
Manual Integrations
APPROVED

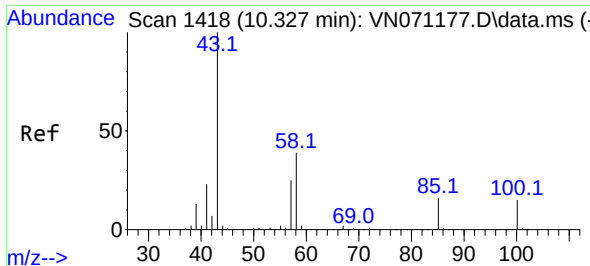
Reviewed By :John Carlone 03/14/2022
Supervised By :Mahesh Dadoda 03/15/2022



#50
Toluene-d8
Concen: 44.672 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN071254.D
Acq: 11 Mar 2022 17:47

Tgt Ion: 98 Resp: 1308443
Ion Ratio Lower Upper
98 100
100 65.2 50.4 75.6





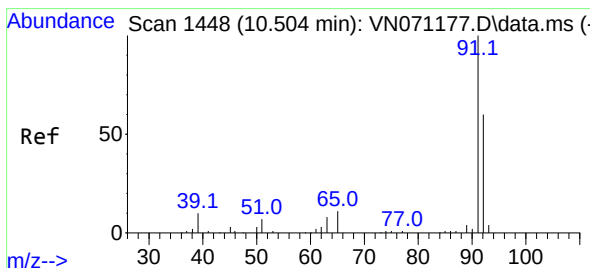
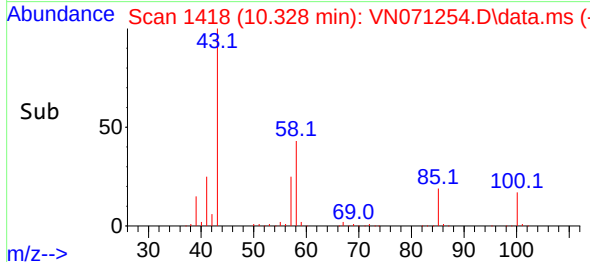
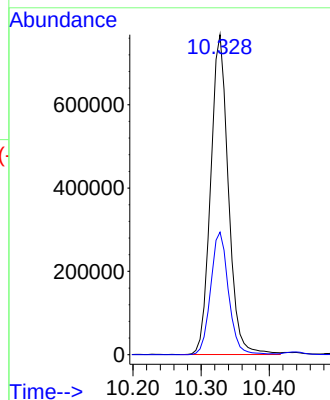
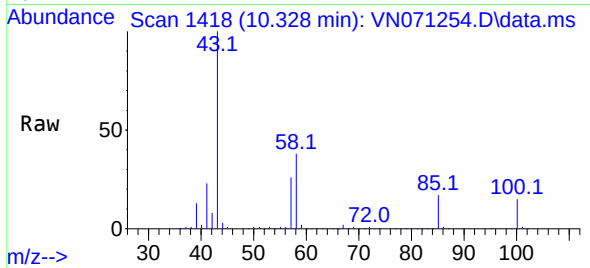
#51
4-Methyl-2-Pentanone
Concen: 93.488 ug/l
RT: 10.328 min Scan# 1418
Delta R.T. 0.001 min
Lab File: VN071254.D
Acq: 11 Mar 2022 17:47

Instrument :
MSVOA_N
ClientSampleId :
VN0311MBS02

Tgt Ion: 43 Resp: 139177
Ion Ratio Lower Upper
43 100
58 38.6 30.4 45.6

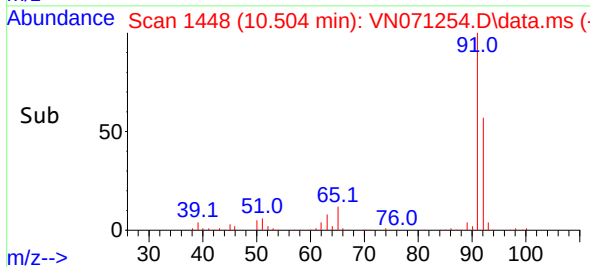
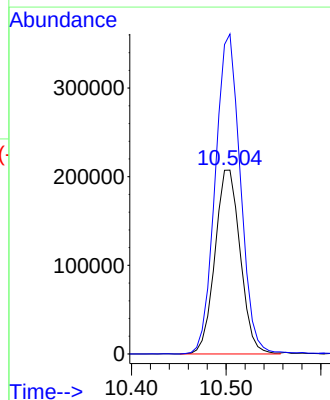
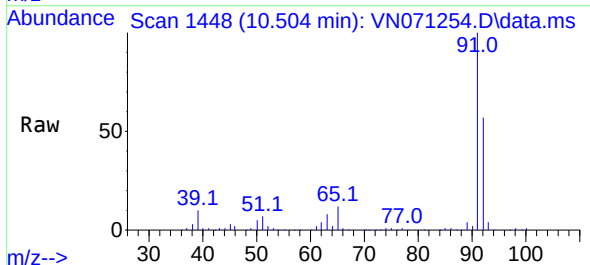
Manual Integrations
APPROVED

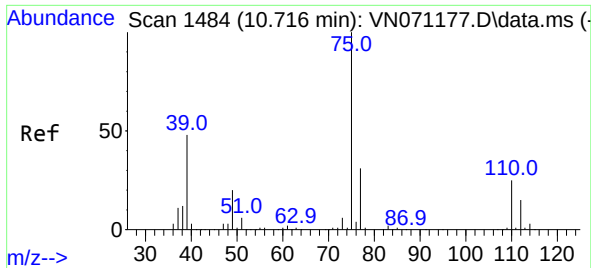
Reviewed By :John Carlone 03/14/2022
Supervised By :Mahesh Dadoda 03/15/2022



#52
Toluene
Concen: 17.812 ug/l
RT: 10.504 min Scan# 1448
Delta R.T. 0.000 min
Lab File: VN071254.D
Acq: 11 Mar 2022 17:47

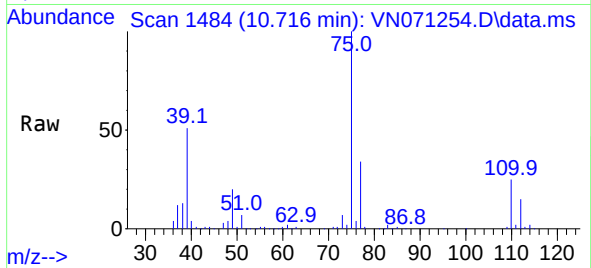
Tgt Ion: 92 Resp: 385177
Ion Ratio Lower Upper
92 100
91 174.1 142.0 213.0





#53
t-1,3-Dichloropropene
Concen: 17.694 ug/l
RT: 10.716 min Scan# 1484
Delta R.T. -0.000 min
Lab File: VN071254.D
Acq: 11 Mar 2022 17:47

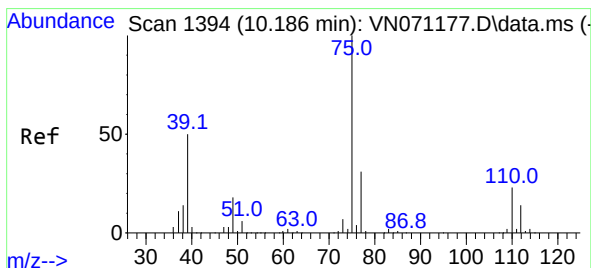
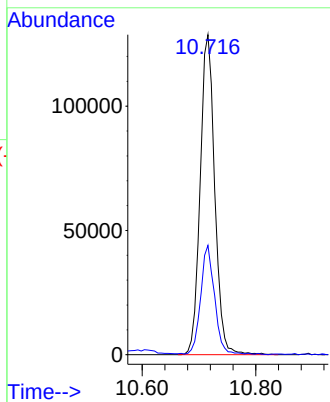
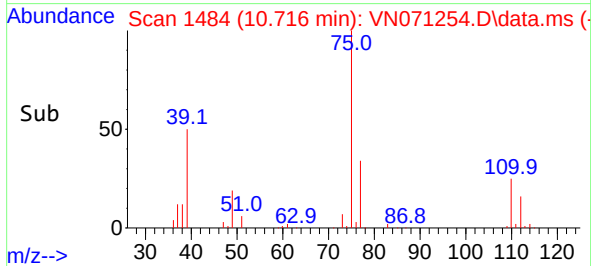
Instrument :
MSVOA_N
ClientSampleId :
VN0311MBSD02



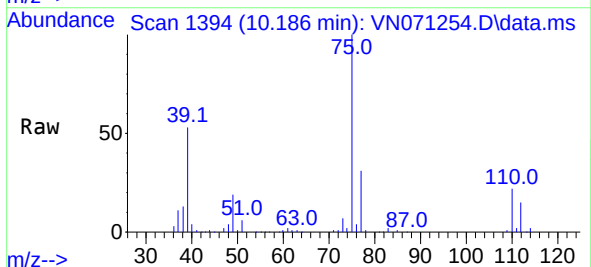
Tgt Ion: 75 Resp: 228710
Ion Ratio Lower Upper
75 100
77 33.9 25.6 38.4

Manual Integrations
APPROVED

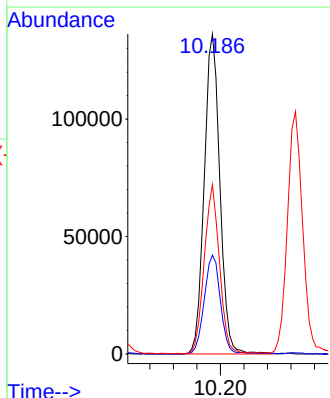
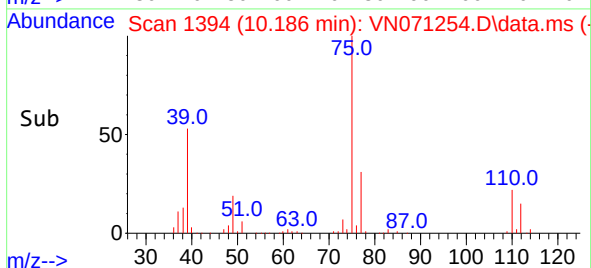
Reviewed By :John Carlone 03/14/2022
Supervised By :Mahesh Dadoda 03/15/2022

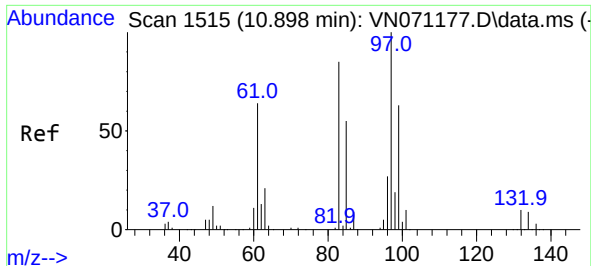


#54
cis-1,3-Dichloropropene
Concen: 17.800 ug/l
RT: 10.186 min Scan# 1394
Delta R.T. 0.000 min
Lab File: VN071254.D
Acq: 11 Mar 2022 17:47



Tgt Ion: 75 Resp: 251403
Ion Ratio Lower Upper
75 100
77 30.9 26.4 39.6
39 52.7 42.5 63.7





#55
1,1,2-Trichloroethane
Concen: 17.655 ug/l
RT: 10.892 min Scan# 1515
Delta R.T. -0.006 min
Lab File: VN071254.D
Acq: 11 Mar 2022 17:47

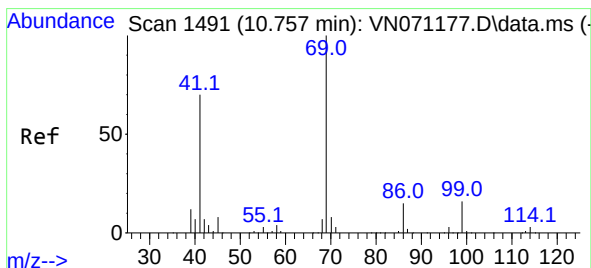
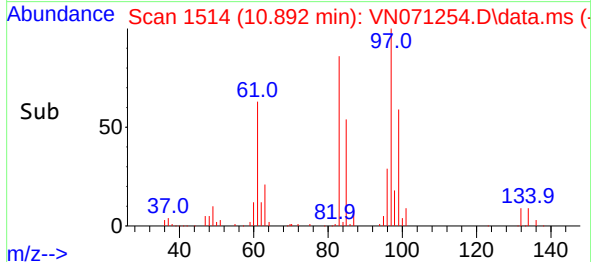
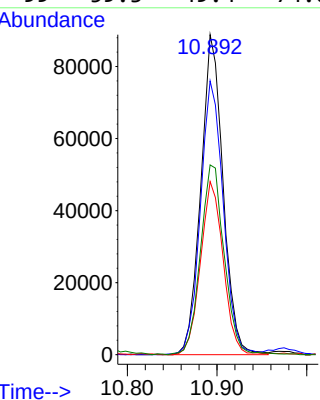
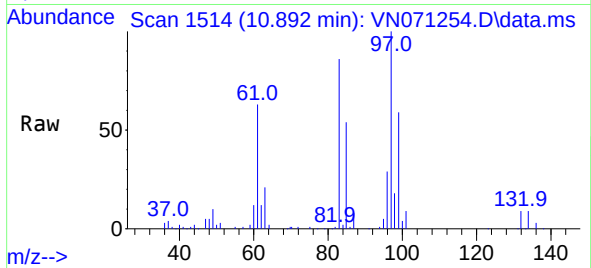
Instrument :
MSVOA_N
ClientSampleId :
VN0311MBSD02

Tgt Ion: 97 Resp: 15298

Ion	Ratio	Lower	Upper
97	100		
83	85.4	67.8	101.6
85	54.1	45.4	68.2
99	59.3	49.4	74.0

Manual Integrations
APPROVED

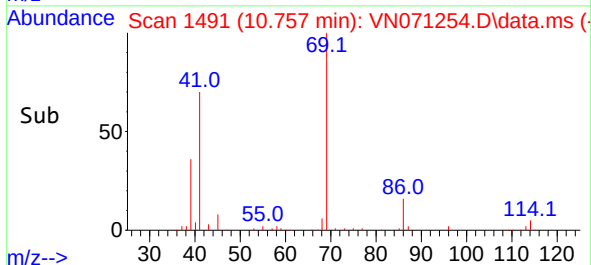
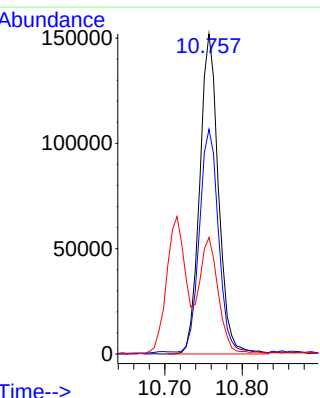
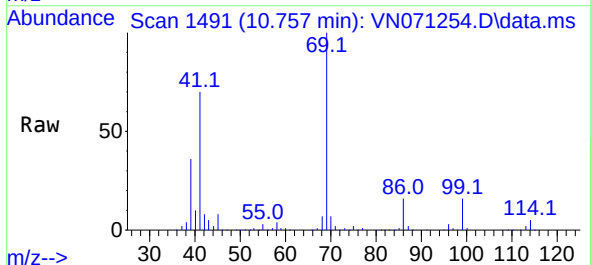
Reviewed By :John Carlone 03/14/2022
Supervised By :Mahesh Dadoda 03/15/2022

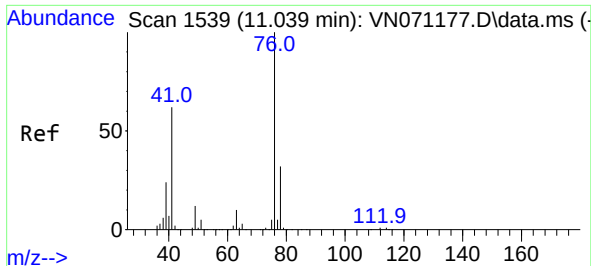


#56
Ethyl methacrylate
Concen: 18.013 ug/l
RT: 10.757 min Scan# 1491
Delta R.T. -0.000 min
Lab File: VN071254.D
Acq: 11 Mar 2022 17:47

Tgt Ion: 69 Resp: 254903

Ion	Ratio	Lower	Upper
69	100		
41	71.4	51.4	77.0
39	37.2	34.6	52.0





#57

1,3-Dichloropropane

Concen: 17.665 ug/l

RT: 11.039 min Scan# 1539

Delta R.T. 0.000 min

Lab File: VN071254.D

Acq: 11 Mar 2022 17:47

Instrument :

MSVOA_N

ClientSampleId :

VN0311MBS02

Tgt Ion: 76 Resp: 274752

Ion Ratio Lower Upper

76 100

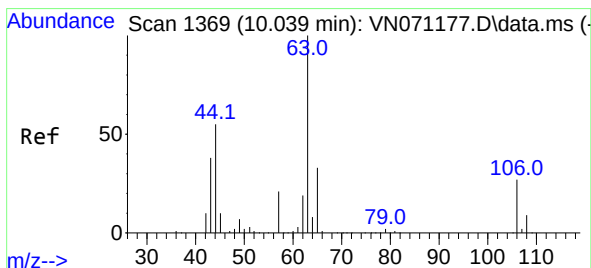
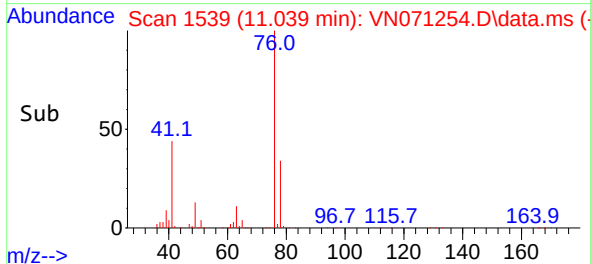
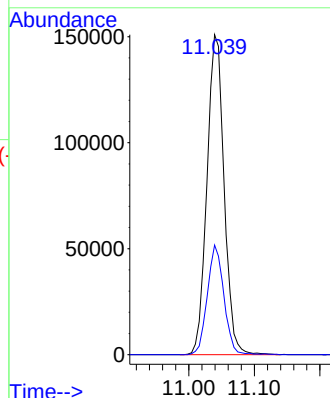
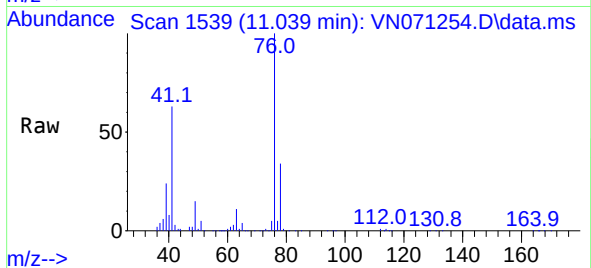
78 33.0 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/14/2022

Supervised By :Mahesh Dadoda 03/15/2022



#58

2-Chloroethyl Vinyl ether

Concen: 127.794 ug/l

RT: 10.039 min Scan# 1369

Delta R.T. 0.000 min

Lab File: VN071254.D

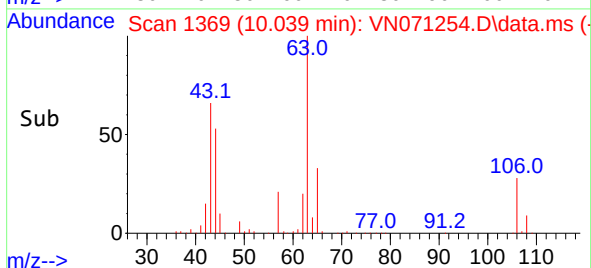
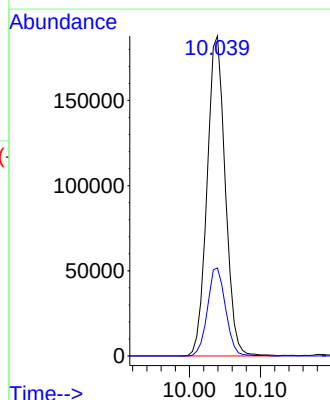
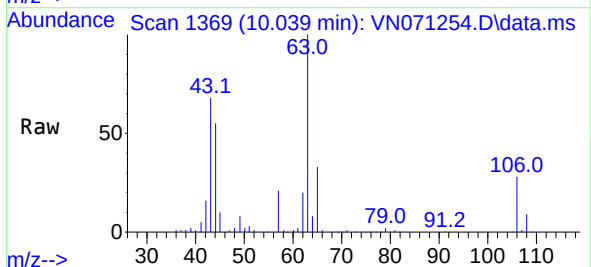
Acq: 11 Mar 2022 17:47

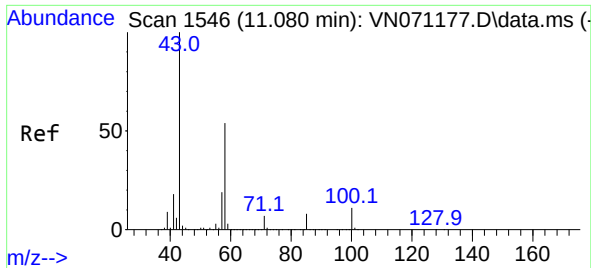
Tgt Ion: 63 Resp: 334361

Ion Ratio Lower Upper

63 100

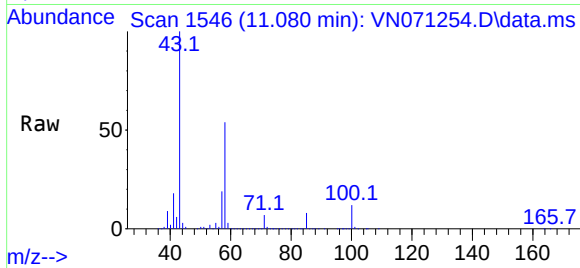
106 27.4 23.9 35.9





#59
2-Hexanone
Concen: 99.970 ug/l
RT: 11.080 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN071254.D
Acq: 11 Mar 2022 17:47

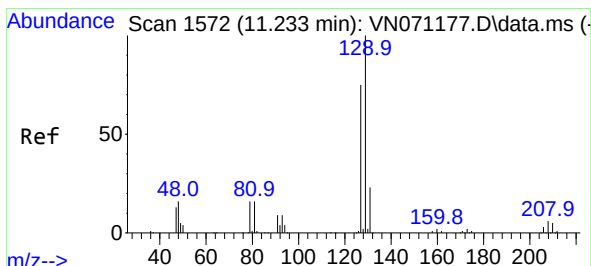
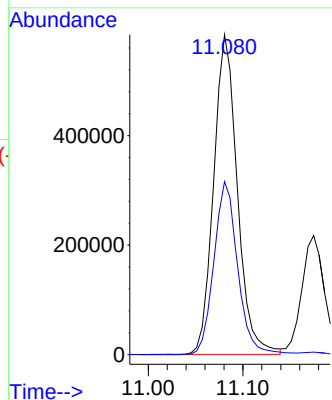
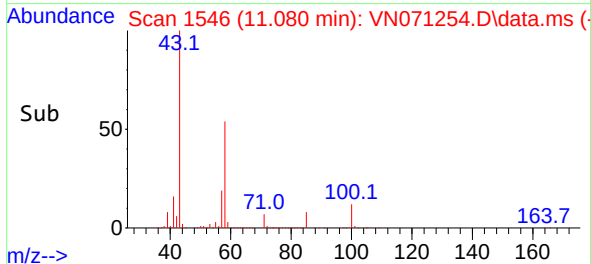
Instrument :
MSVOA_N
ClientSampleId :
VN0311MBSD02



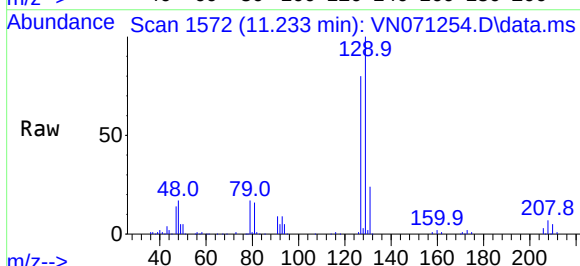
Tgt Ion: 43 Resp: 101546
Ion Ratio Lower Upper
43 100
58 54.4 26.9 80.7

Manual Integrations
APPROVED

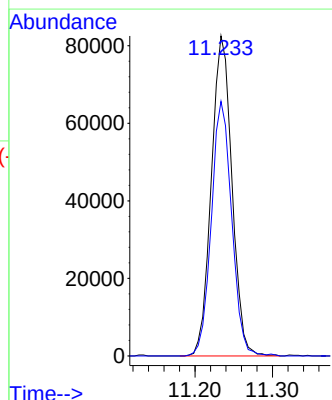
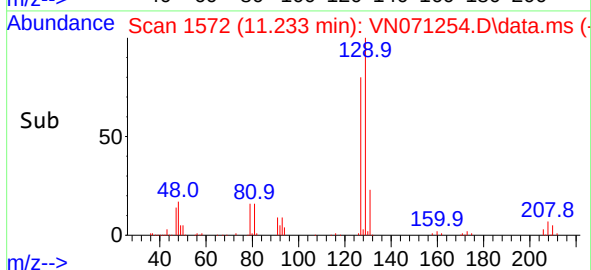
Reviewed By :John Carlone 03/14/2022
Supervised By :Mahesh Dadoda 03/15/2022

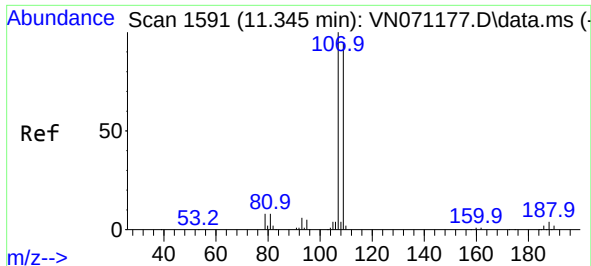


#60
Dibromochloromethane
Concen: 17.693 ug/l
RT: 11.233 min Scan# 1572
Delta R.T. 0.000 min
Lab File: VN071254.D
Acq: 11 Mar 2022 17:47



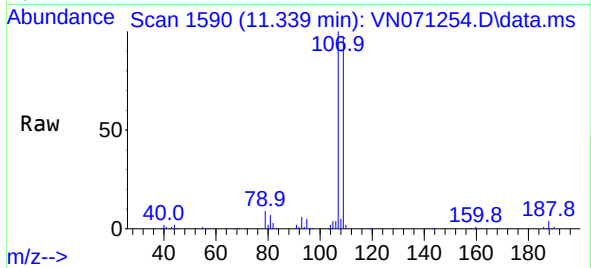
Tgt Ion:129 Resp: 152335
Ion Ratio Lower Upper
129 100
127 78.7 38.6 116.0





#61
1,2-Dibromoethane
Concen: 17.428 ug/l
RT: 11.339 min Scan# 1591
Delta R.T. -0.006 min
Lab File: VN071254.D
Acq: 11 Mar 2022 17:47

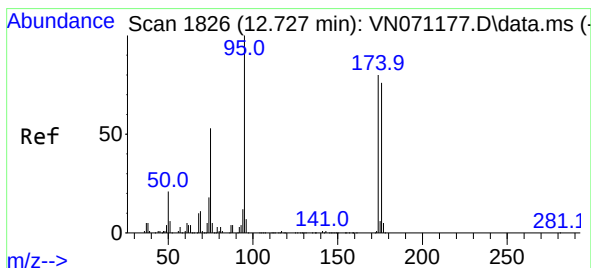
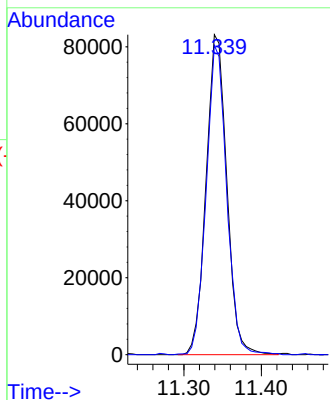
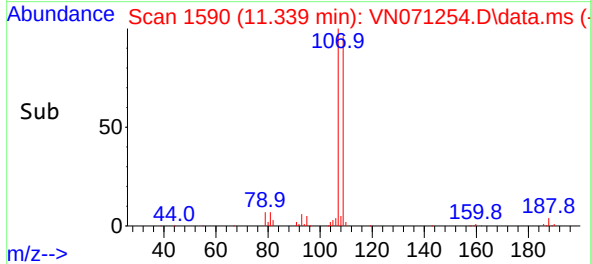
Instrument :
MSVOA_N
ClientSampleId :
VN0311MBS02



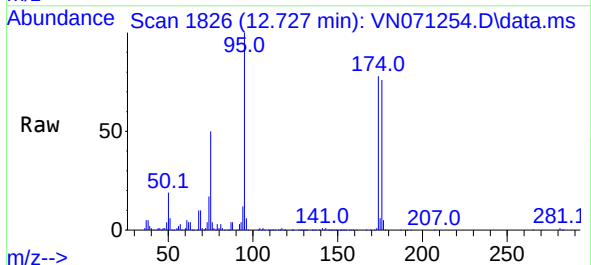
Tgt Ion:107 Resp: 15434
Ion Ratio Lower Upper
107 100
109 95.5 75.7 113.5

Manual Integrations
APPROVED

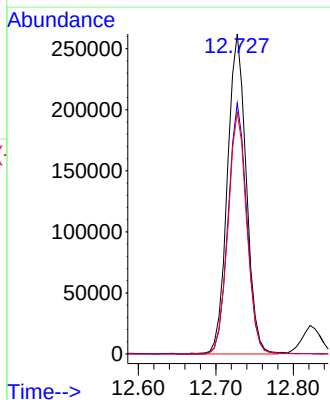
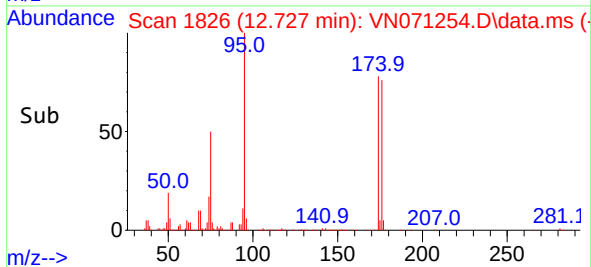
Reviewed By :John Carlone 03/14/2022
Supervised By :Mahesh Dadoda 03/15/2022

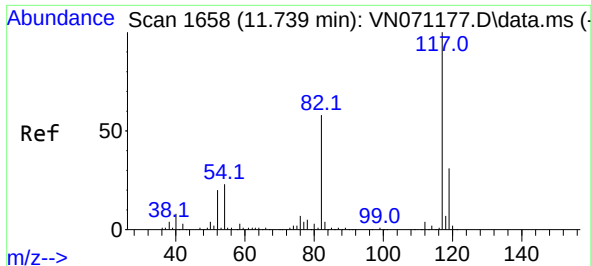


#62
4-Bromofluorobenzene
Concen: 44.731 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN071254.D
Acq: 11 Mar 2022 17:47



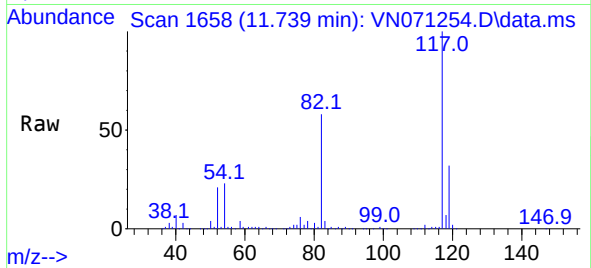
Tgt Ion: 95 Resp: 443661
Ion Ratio Lower Upper
95 100
174 77.8 0.0 187.2
176 75.0 0.0 181.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN071254.D
Acq: 11 Mar 2022 17:47

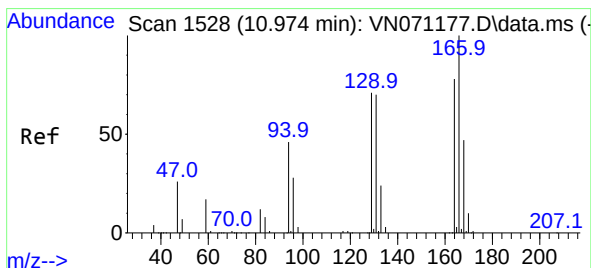
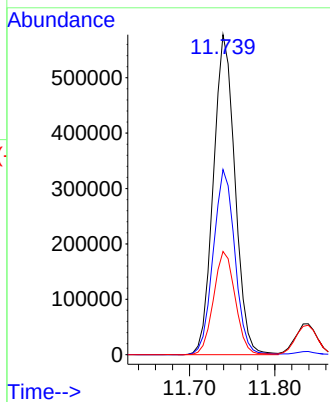
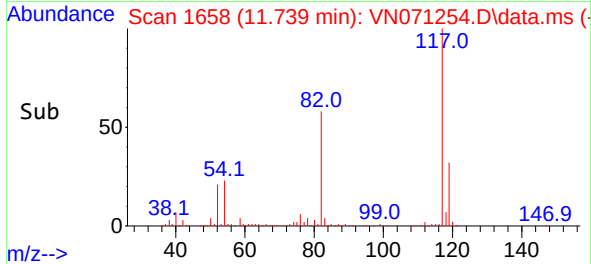
Instrument :
MSVOA_N
ClientSampleId :
VN0311MBS02



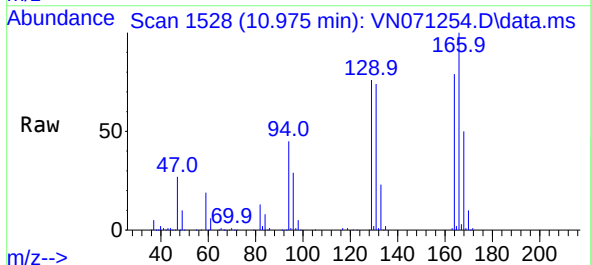
Tgt Ion:117 Resp: 1016790
Ion Ratio Lower Upper
117 100
82 57.8 42.4 63.6
119 32.2 25.4 38.2

Manual Integrations
APPROVED

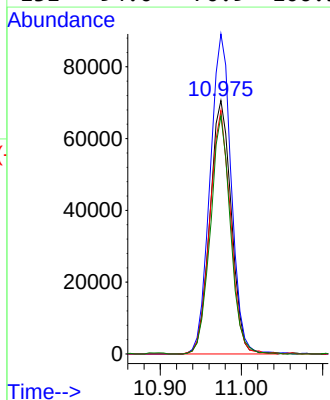
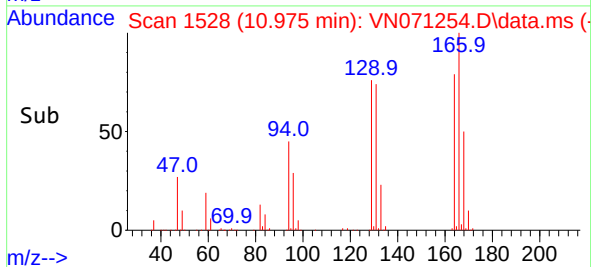
Reviewed By :John Carlone 03/14/2022
Supervised By :Mahesh Dadoda 03/15/2022

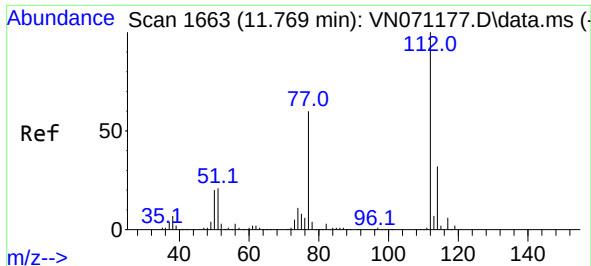


#64
Tetrachloroethene
Concen: 18.181 ug/l
RT: 10.975 min Scan# 1528
Delta R.T. 0.001 min
Lab File: VN071254.D
Acq: 11 Mar 2022 17:47



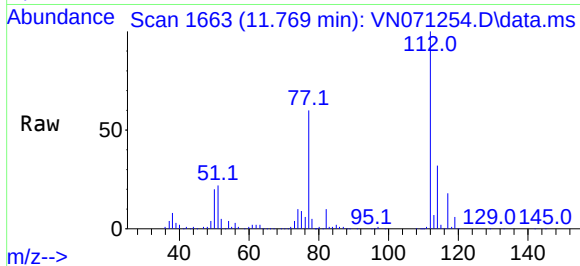
Tgt Ion:164 Resp: 128931
Ion Ratio Lower Upper
164 100
166 126.3 101.9 152.9
129 96.1 72.0 108.0
131 94.0 70.9 106.3





#65
Chlorobenzene
Concen: 18.114 ug/l
RT: 11.769 min Scan# 1663
Delta R.T. -0.000 min
Lab File: VN071254.D
Acq: 11 Mar 2022 17:47

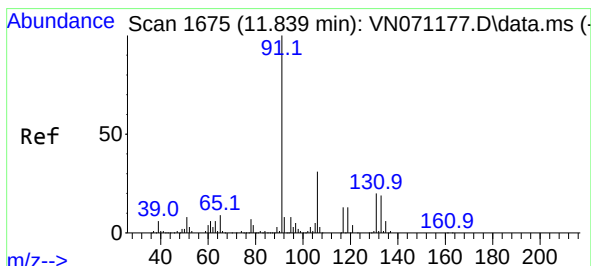
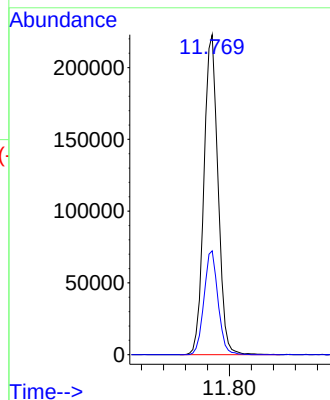
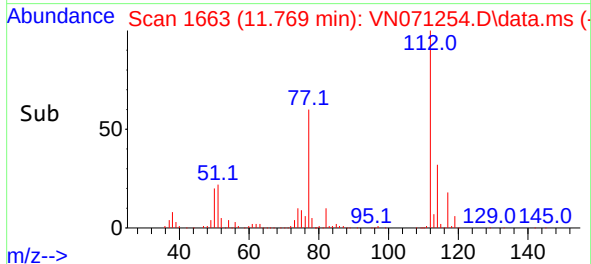
Instrument :
MSVOA_N
ClientSampleId :
VN0311MBSD02



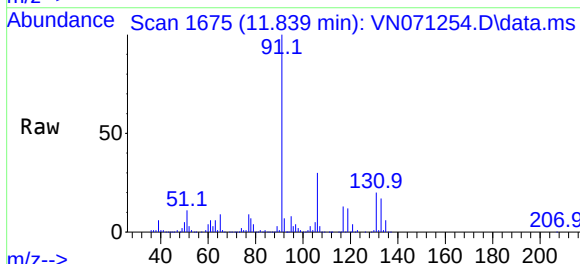
Tgt Ion:112 Resp: 39554
Ion Ratio Lower Upper
112 100
114 32.5 25.4 38.0

Manual Integrations
APPROVED

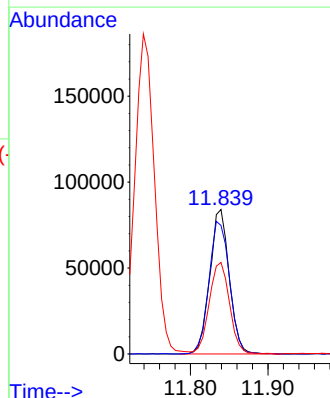
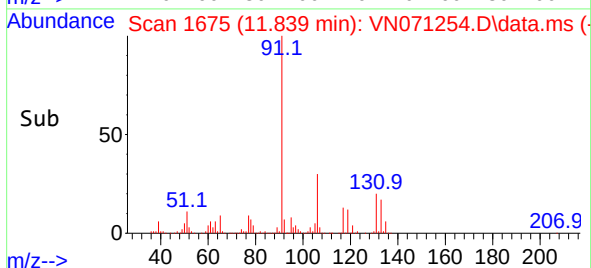
Reviewed By :John Carlone 03/14/2022
Supervised By :Mahesh Dadoda 03/15/2022

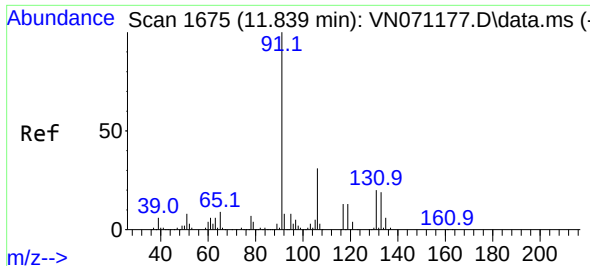


#66
1,1,1,2-Tetrachloroethane
Concen: 18.337 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VN071254.D
Acq: 11 Mar 2022 17:47



Tgt Ion:131 Resp: 146820
Ion Ratio Lower Upper
131 100
133 96.7 47.9 143.7
119 65.4 32.1 96.5





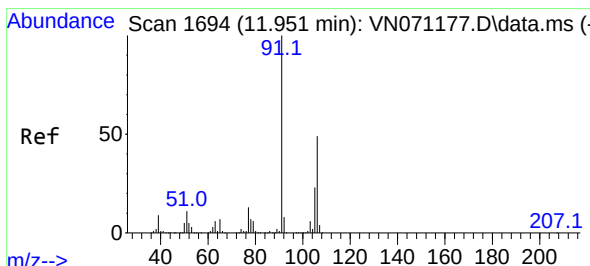
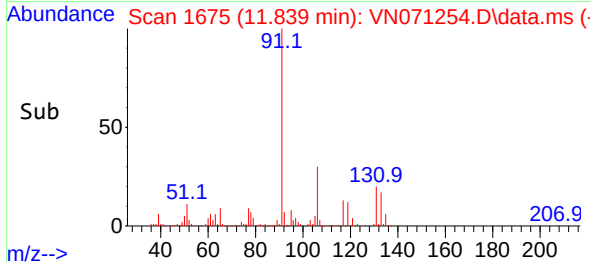
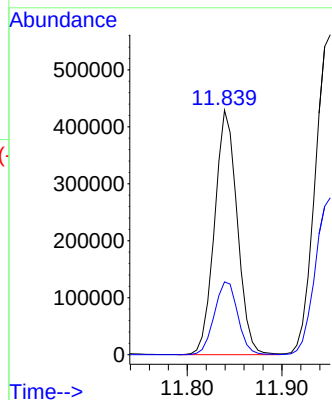
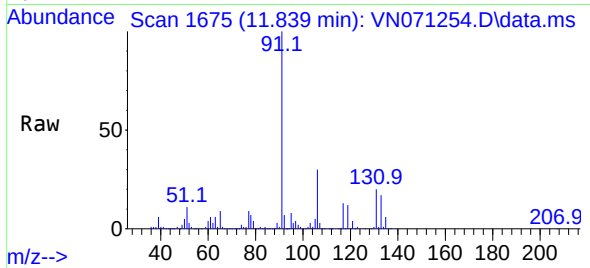
#67
Ethyl Benzene
Concen: 18.494 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VN071254.D
Acq: 11 Mar 2022 17:47

Instrument :
MSVOA_N
ClientSampleId :
VN0311MBSD02

Tgt Ion: 91 Resp: 714029
Ion Ratio Lower Upper
91 100
106 29.8 25.7 38.5

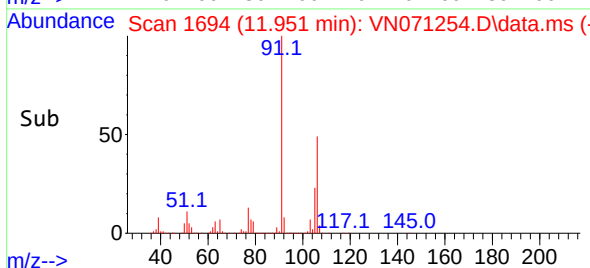
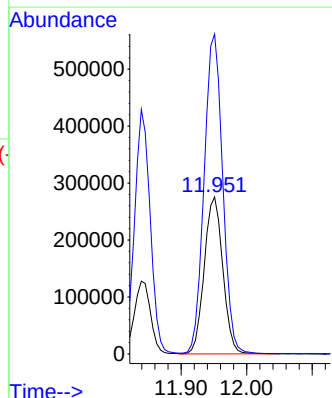
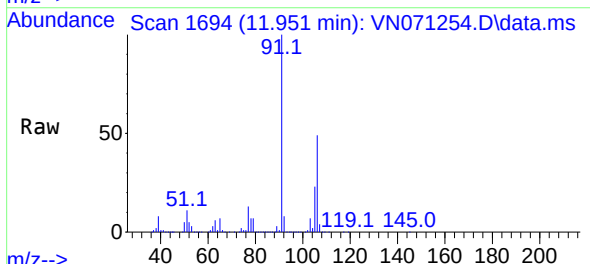
Manual Integrations
APPROVED

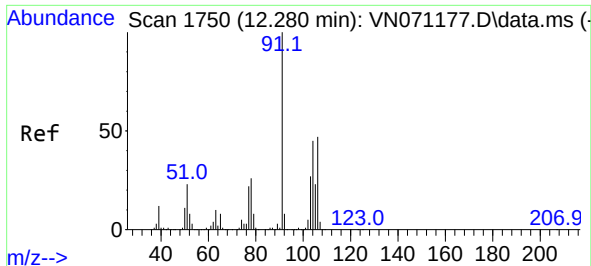
Reviewed By :John Carlone 03/14/2022
Supervised By :Mahesh Dadoda 03/15/2022



#68
m/p-Xylenes
Concen: 38.356 ug/l
RT: 11.951 min Scan# 1694
Delta R.T. 0.000 min
Lab File: VN071254.D
Acq: 11 Mar 2022 17:47

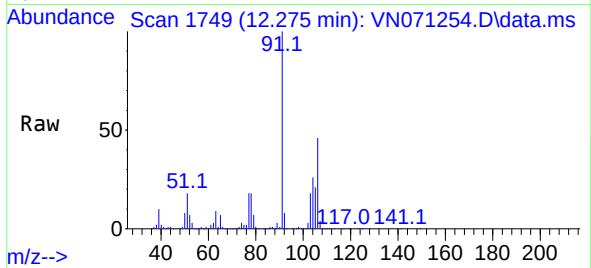
Tgt Ion:106 Resp: 541747
Ion Ratio Lower Upper
106 100
91 204.0 160.6 240.8





#69
o-Xylene
Concen: 19.130 ug/l
RT: 12.275 min Scan# 1749
Delta R.T. -0.005 min
Lab File: VN071254.D
Acq: 11 Mar 2022 17:47

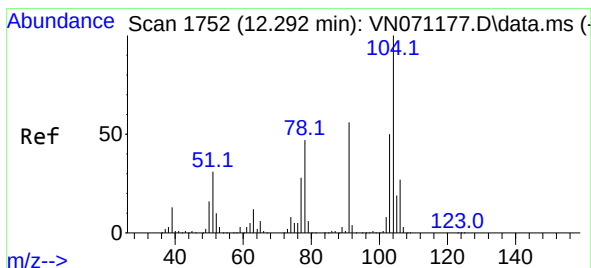
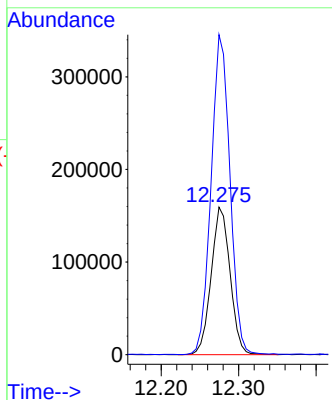
Instrument :
MSVOA_N
ClientSampleId :
VN0311MBSD02



Tgt Ion:106 Resp: 270838
Ion Ratio Lower Upper
106 100
91 215.7 105.8 317.3

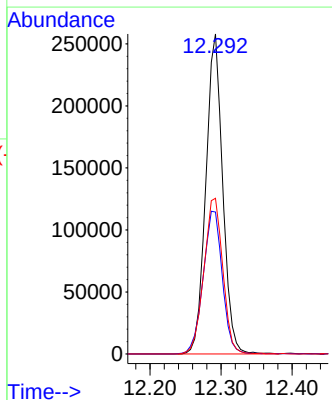
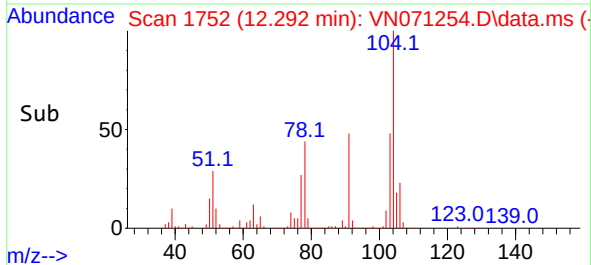
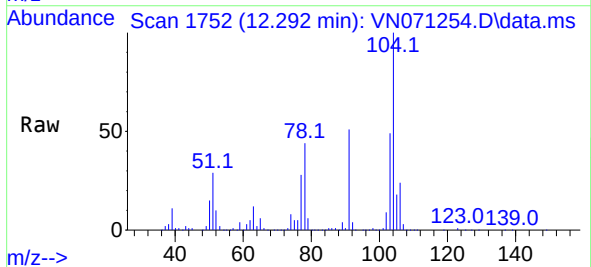
Manual Integrations
APPROVED

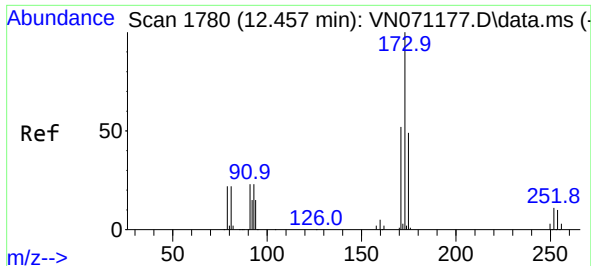
Reviewed By :John Carlone 03/14/2022
Supervised By :Mahesh Dadoda 03/15/2022



#70
Styrene
Concen: 19.459 ug/l
RT: 12.292 min Scan# 1752
Delta R.T. 0.000 min
Lab File: VN071254.D
Acq: 11 Mar 2022 17:47

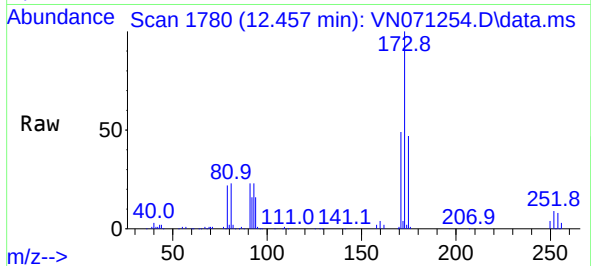
Tgt Ion:104 Resp: 426451
Ion Ratio Lower Upper
104 100
78 50.9 38.7 58.1
103 54.5 45.0 67.6





#71
Bromoform
Concen: 18.336 ug/l
RT: 12.457 min Scan# 1780
Delta R.T. -0.000 min
Lab File: VN071254.D
Acq: 11 Mar 2022 17:47

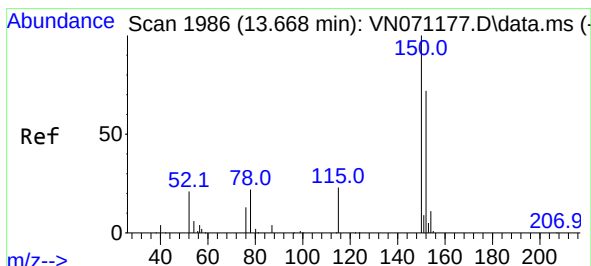
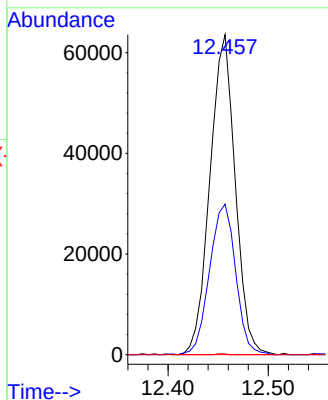
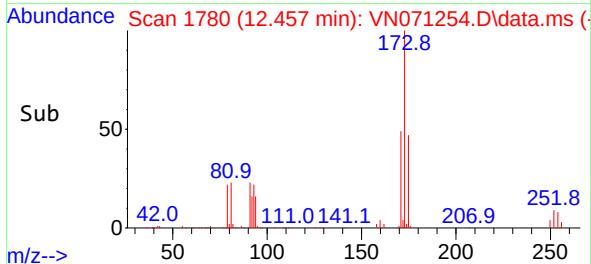
Instrument :
MSVOA_N
ClientSampleId :
VN0311MBS02



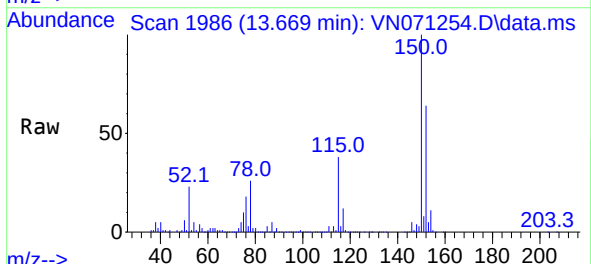
Tgt Ion:173 Resp: 11149
Ion Ratio Lower Upper
173 100
175 48.5 24.2 72.6
254 0.1 0.0 0.0

Manual Integrations
APPROVED

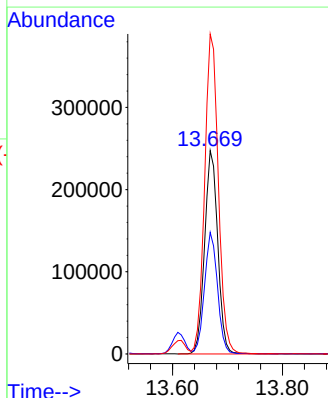
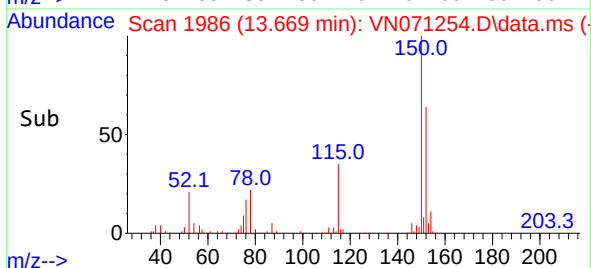
Reviewed By :John Carlone 03/14/2022
Supervised By :Mahesh Dadoda 03/15/2022

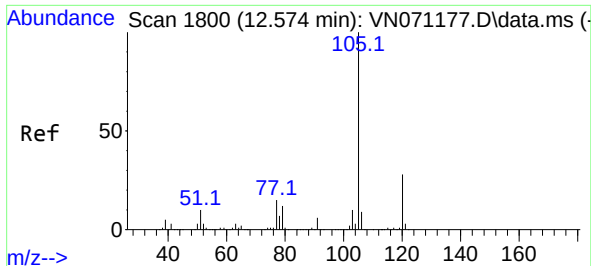


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.669 min Scan# 1986
Delta R.T. 0.001 min
Lab File: VN071254.D
Acq: 11 Mar 2022 17:47



Tgt Ion:152 Resp: 410777
Ion Ratio Lower Upper
152 100
115 58.9 27.5 82.5
150 163.7 0.0 344.4





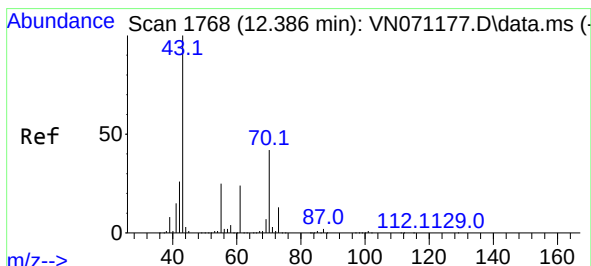
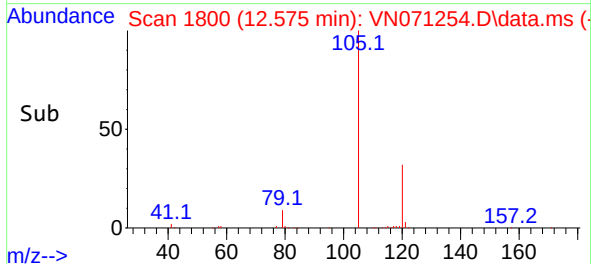
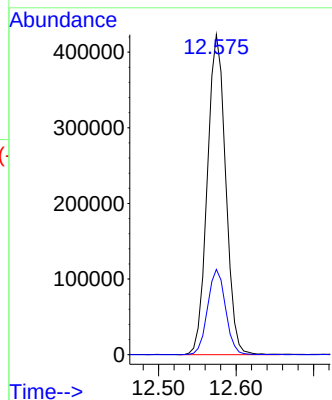
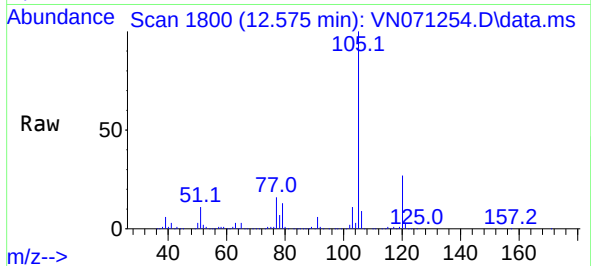
#73
Isopropylbenzene
Concen: 17.574 ug/l
RT: 12.575 min Scan# 11
Delta R.T. 0.001 min
Lab File: VN071254.D
Acq: 11 Mar 2022 17:47

Instrument :
MSVOA_N
ClientSampleId :
VN0311MBS02

Tgt Ion:105 Resp: 695894
Ion Ratio Lower Upper
105 100
120 26.0 13.4 40.1

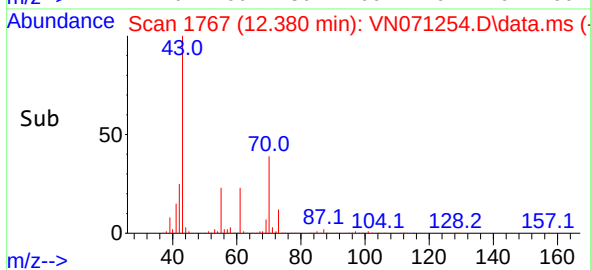
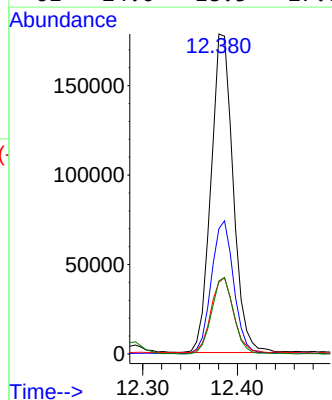
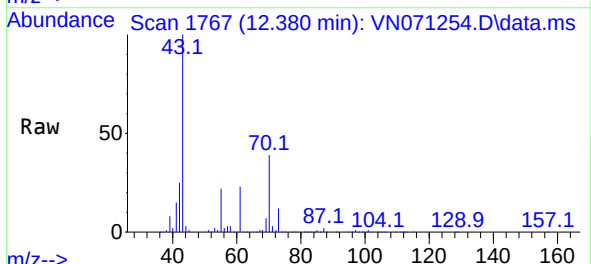
Manual Integrations
APPROVED

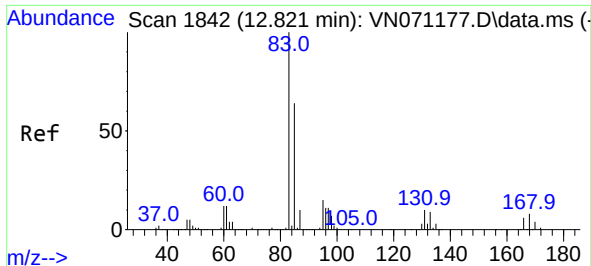
Reviewed By :John Carlone 03/14/2022
Supervised By :Mahesh Dadoda 03/15/2022



#74
N-ethyl acetate
Concen: 19.446 ug/l
RT: 12.380 min Scan# 1767
Delta R.T. -0.006 min
Lab File: VN071254.D
Acq: 11 Mar 2022 17:47

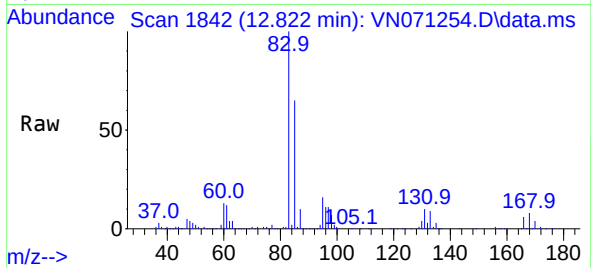
Tgt Ion: 43 Resp: 289530
Ion Ratio Lower Upper
43 100
70 41.9 33.4 50.0
55 23.9 19.3 28.9
61 24.0 18.5 27.7





#75
1,1,2,2-Tetrachloroethane
Concen: 19.482 ug/l
RT: 12.822 min Scan# 1842
Delta R.T. 0.001 min
Lab File: VN071254.D
Acq: 11 Mar 2022 17:47

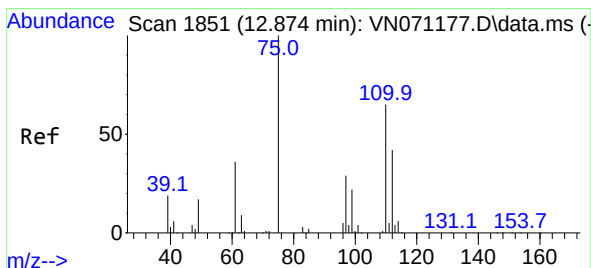
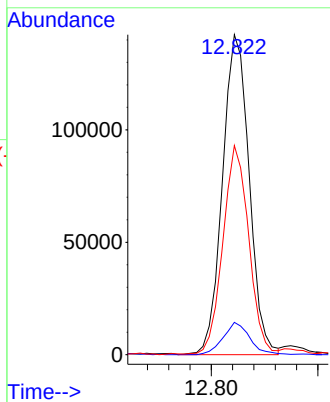
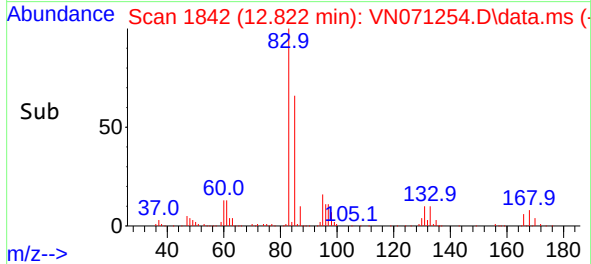
Instrument :
MSVOA_N
ClientSampleId :
VN0311MBSD02



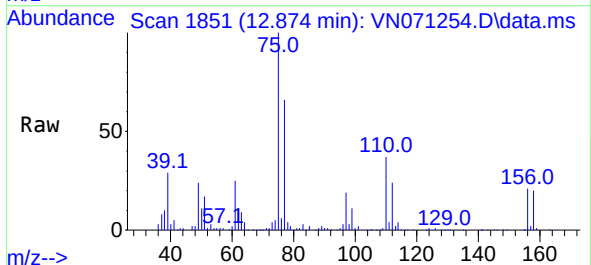
Tgt Ion: 83 Resp: 24764
Ion Ratio Lower Upper
83 100
131 10.2 5.5 16.5
85 63.6 32.4 97.2

Manual Integrations
APPROVED

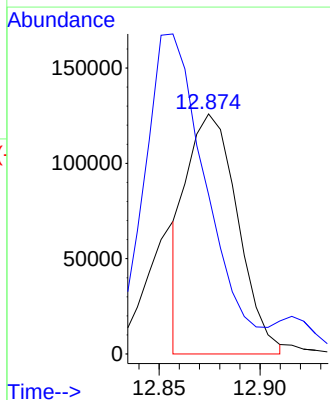
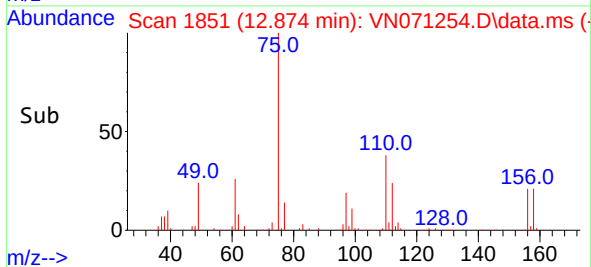
Reviewed By :John Carlone 03/14/2022
Supervised By :Mahesh Dadoda 03/15/2022

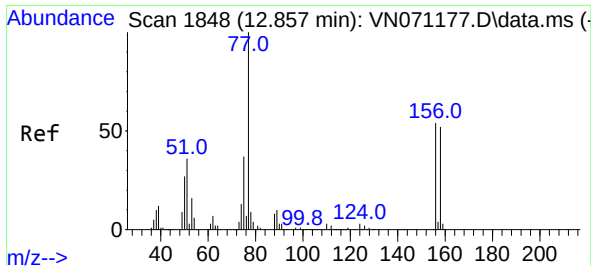


#76
1,2,3-Trichloropropane
Concen: 20.621 ug/l m
RT: 12.874 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VN071254.D
Acq: 11 Mar 2022 17:47



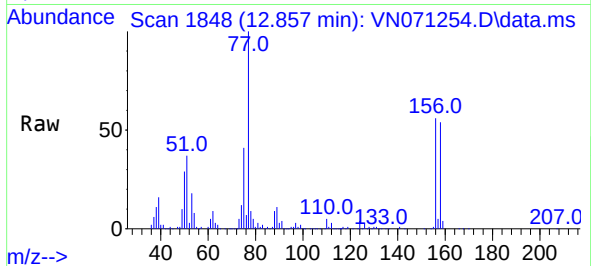
Tgt Ion: 75 Resp: 221812
Ion Ratio Lower Upper
75 100
77 163.4 82.6 247.8





#77
Bromobenzene
Concen: 17.160 ug/l
RT: 12.857 min Scan# 1848
Delta R.T. 0.000 min
Lab File: VN071254.D
Acq: 11 Mar 2022 17:47

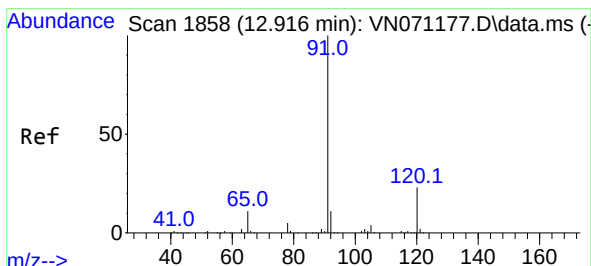
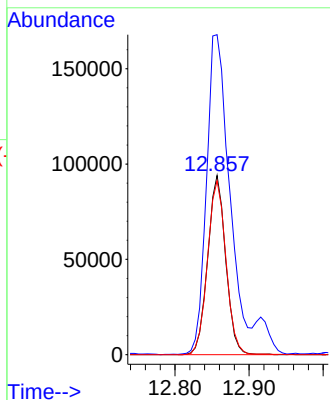
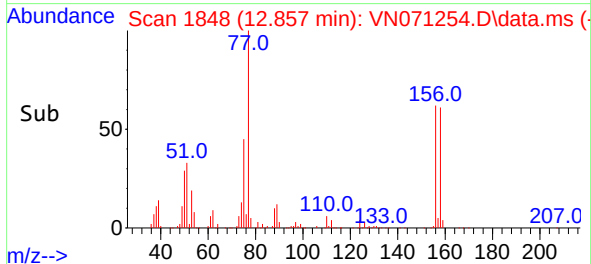
Instrument :
MSVOA_N
ClientSampleId :
VN0311MBSD02



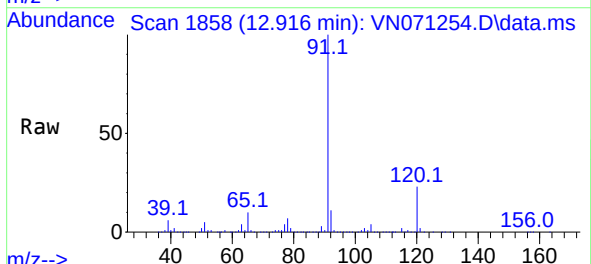
Tgt Ion:156 Resp: 15845
Ion Ratio Lower Upper
156 100
77 228.8 90.6 271.8
158 99.9 48.9 146.7

Manual Integrations
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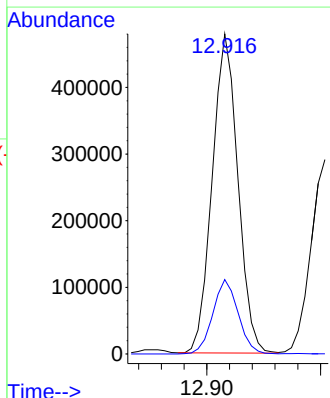
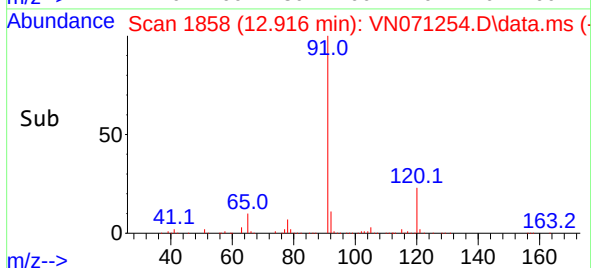
Reviewed By :John Carlone 03/14/2022
Supervised By :Mahesh Dadoda 03/15/2022

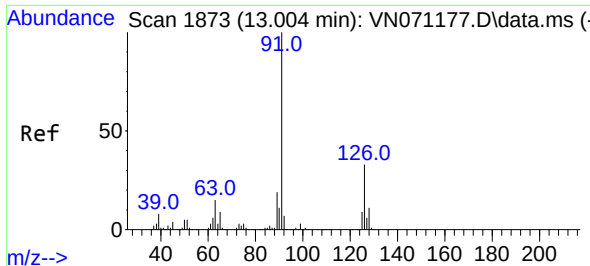


#78
n-propylbenzene
Concen: 17.674 ug/l
RT: 12.916 min Scan# 1858
Delta R.T. 0.000 min
Lab File: VN071254.D
Acq: 11 Mar 2022 17:47



Tgt Ion: 91 Resp: 751005
Ion Ratio Lower Upper
91 100
120 23.0 11.9 35.9





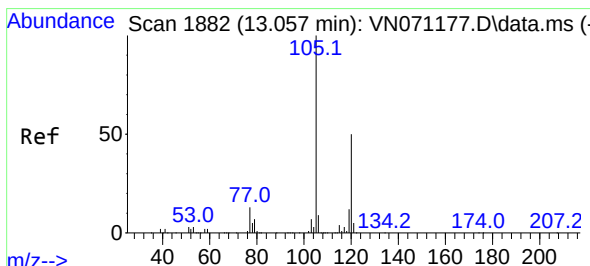
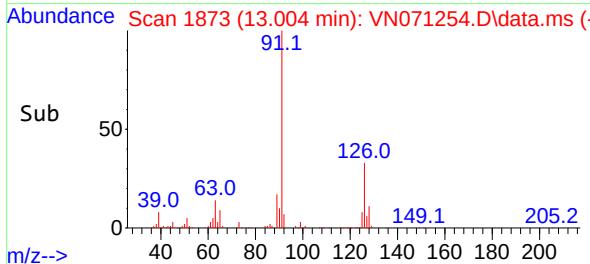
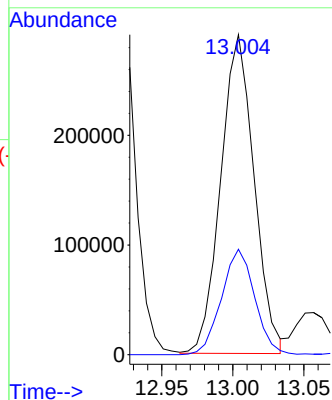
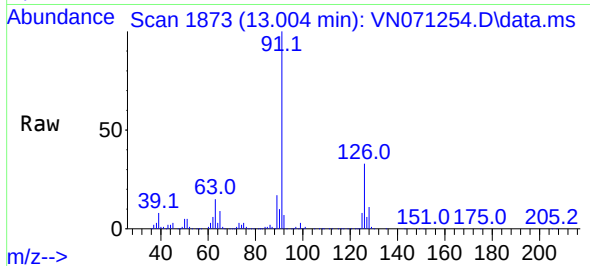
#79
2-Chlorotoluene
Concen: 17.405 ug/l
RT: 13.004 min Scan# 1873
Delta R.T. -0.000 min
Lab File: VN071254.D
Acq: 11 Mar 2022 17:47

Instrument :
MSVOA_N
ClientSampleId :
VN0311MBSD02

Tgt Ion: 91 Resp: 474750
Ion Ratio Lower Upper
91 100
126 33.1 18.3 54.8

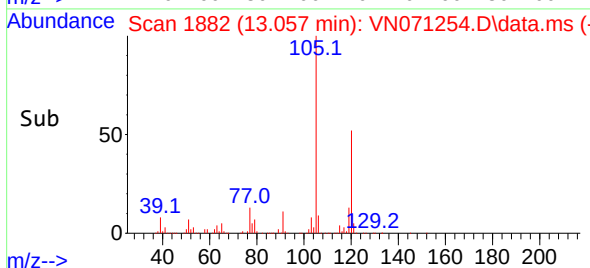
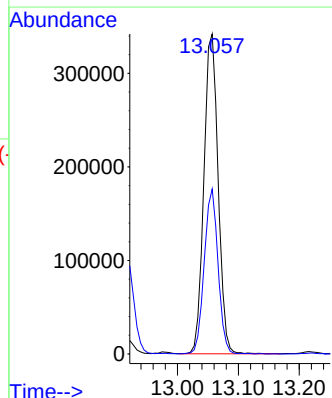
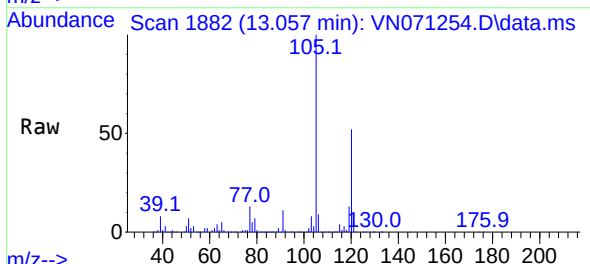
Manual Integrations
APPROVED

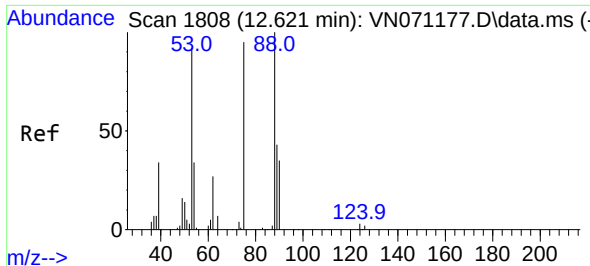
Reviewed By :John Carlone 03/14/2022
Supervised By :Mahesh Dadoda 03/15/2022



#80
1,3,5-Trimethylbenzene
Concen: 18.001 ug/l
RT: 13.057 min Scan# 1882
Delta R.T. 0.000 min
Lab File: VN071254.D
Acq: 11 Mar 2022 17:47

Tgt Ion:105 Resp: 554572
Ion Ratio Lower Upper
105 100
120 50.1 24.6 73.6





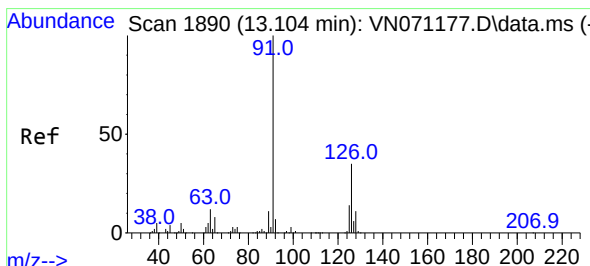
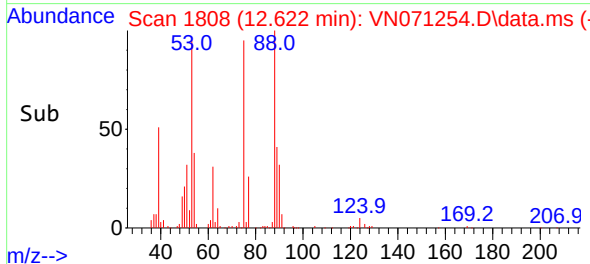
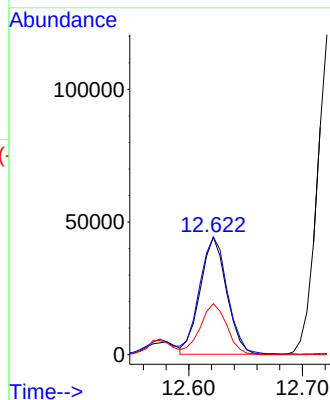
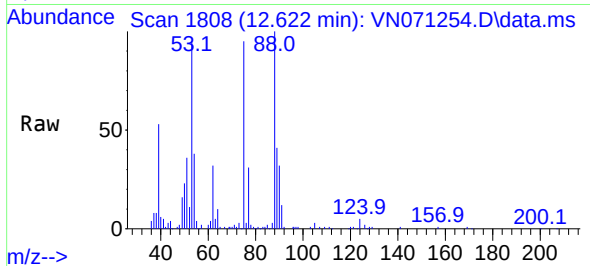
#81
trans-1,4-Dichloro-2-butene
Concen: 18.779 ug/l
RT: 12.622 min Scan# 1808
Delta R.T. 0.000 min
Lab File: VN071254.D
Acq: 11 Mar 2022 17:47

Instrument :
MSVOA_N
ClientSampleId :
VN0311MBSD02

Tgt Ion: 75 Resp: 7136
Ion Ratio Lower Upper
75 100
53 107.7 90.5 135.7
89 44.1 38.2 57.4

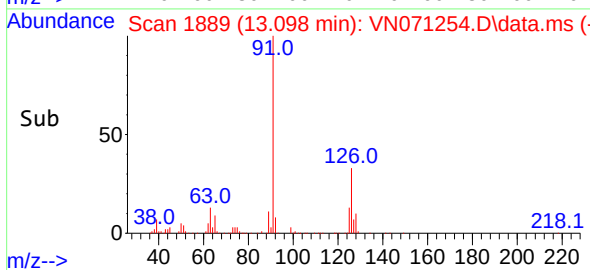
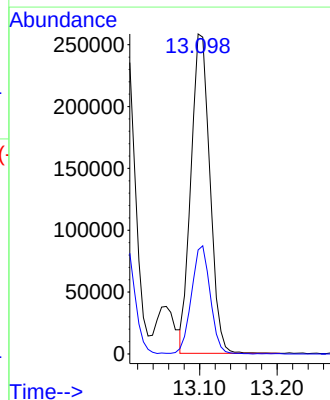
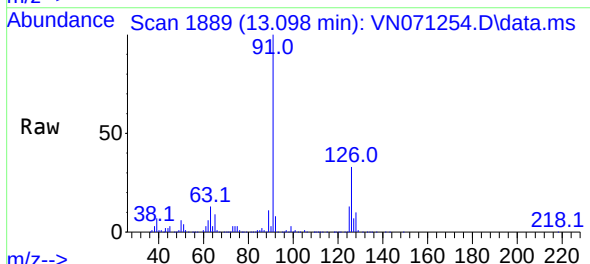
Manual Integrations
APPROVED

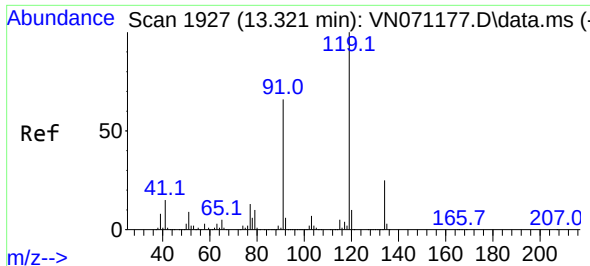
Reviewed By :John Carlone 03/14/2022
Supervised By :Mahesh Dadoda 03/15/2022



#82
4-Chlorotoluene
Concen: 17.959 ug/l
RT: 13.098 min Scan# 1889
Delta R.T. -0.006 min
Lab File: VN071254.D
Acq: 11 Mar 2022 17:47

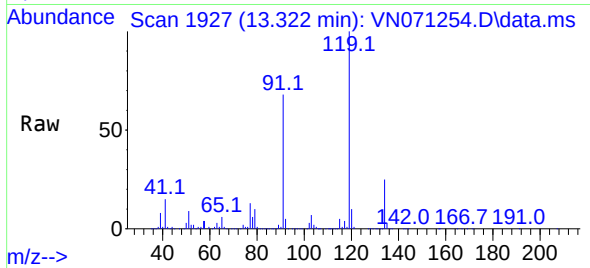
Tgt Ion: 91 Resp: 436335
Ion Ratio Lower Upper
91 100
126 33.7 18.2 54.6





#83
tert-Butylbenzene
Concen: 18.341 ug/l
RT: 13.322 min Scan# 1927
Delta R.T. 0.000 min
Lab File: VN071254.D
Acq: 11 Mar 2022 17:47

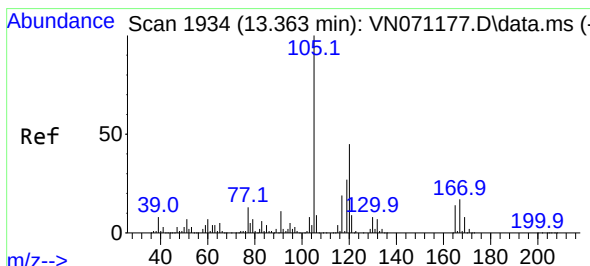
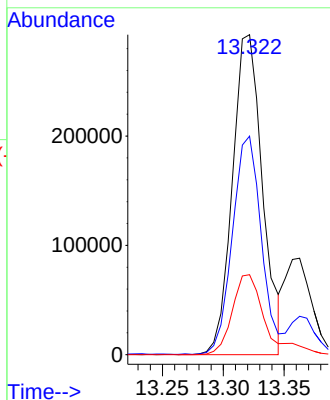
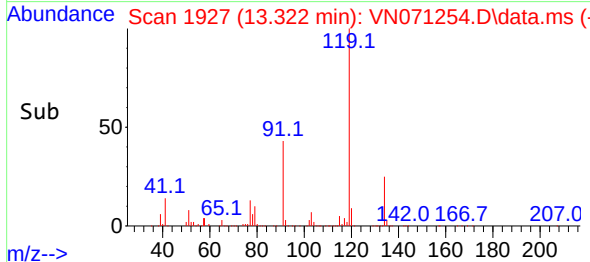
Instrument :
MSVOA_N
ClientSampleId :
VN0311MBSD02



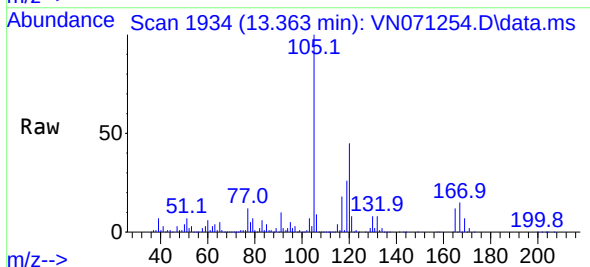
Tgt Ion:119 Resp: 504262
Ion Ratio Lower Upper
119 100
91 65.1 31.5 94.5
134 27.3 12.4 37.4

Manual Integrations
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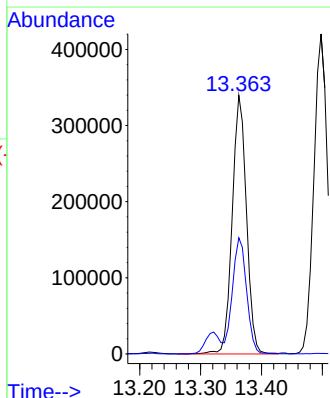
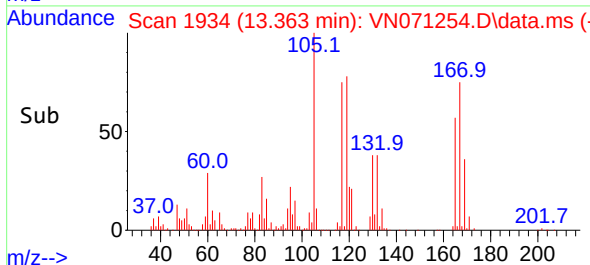
Reviewed By :John Carlone 03/14/2022
Supervised By :Mahesh Dadoda 03/15/2022

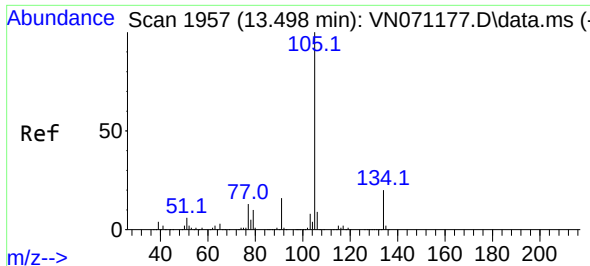


#84
1,2,4-Trimethylbenzene
Concen: 18.707 ug/l
RT: 13.363 min Scan# 1934
Delta R.T. -0.000 min
Lab File: VN071254.D
Acq: 11 Mar 2022 17:47



Tgt Ion:105 Resp: 552009
Ion Ratio Lower Upper
105 100
120 44.3 22.8 68.4





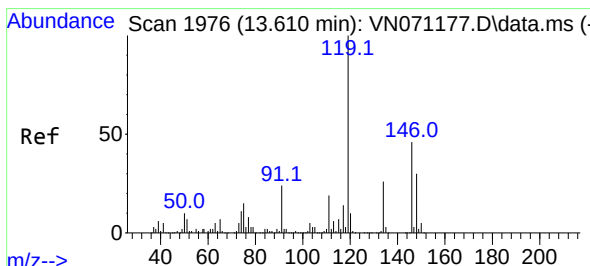
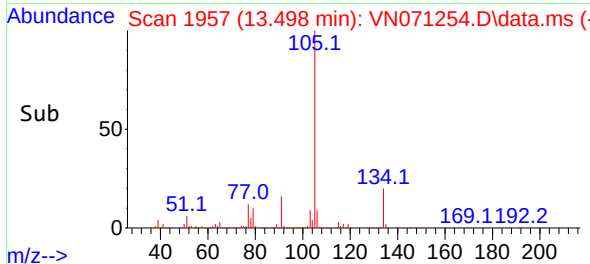
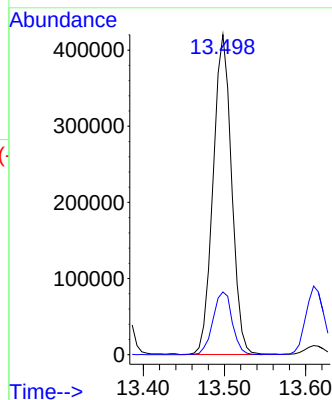
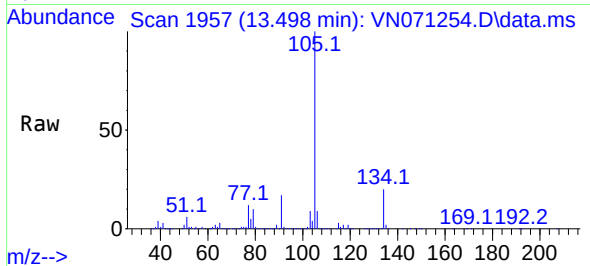
#85
 sec-Butylbenzene
 Concen: 18.178 ug/l
 RT: 13.498 min Scan# 1957
 Delta R.T. 0.000 min
 Lab File: VN071254.D
 Acq: 11 Mar 2022 17:47

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0311MBSD02

Tgt Ion:105 Resp: 664288
 Ion Ratio Lower Upper
 105 100
 134 20.4 10.4 31.1

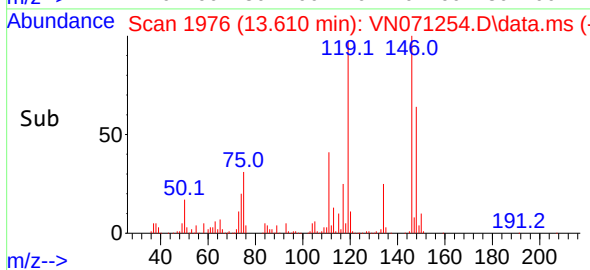
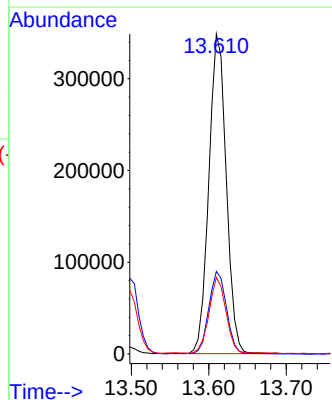
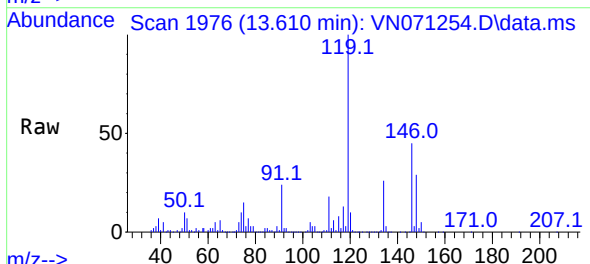
Manual Integrations
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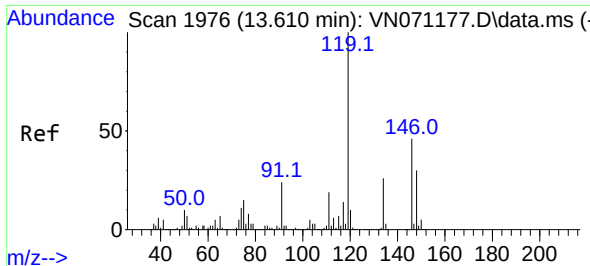
Reviewed By :John Carlone 03/14/2022
 Supervised By :Mahesh Dadoda 03/15/2022



#86
 p-Isopropyltoluene
 Concen: 18.866 ug/l
 RT: 13.610 min Scan# 1976
 Delta R.T. 0.000 min
 Lab File: VN071254.D
 Acq: 11 Mar 2022 17:47

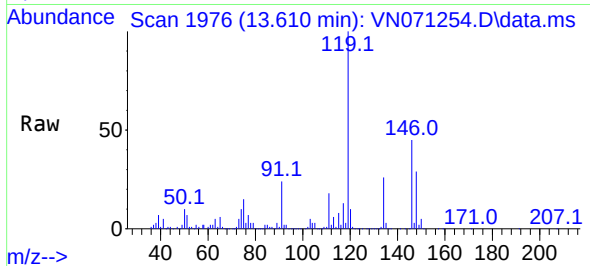
Tgt Ion:119 Resp: 542186
 Ion Ratio Lower Upper
 119 100
 134 26.4 13.6 40.7
 91 23.0 11.4 34.1





#87
1,3-Dichlorobenzene
Concen: 17.660 ug/l
RT: 13.610 min Scan# 1976
Delta R.T. 0.000 min
Lab File: VN071254.D
Acq: 11 Mar 2022 17:47

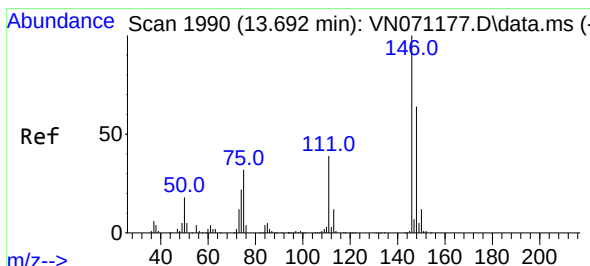
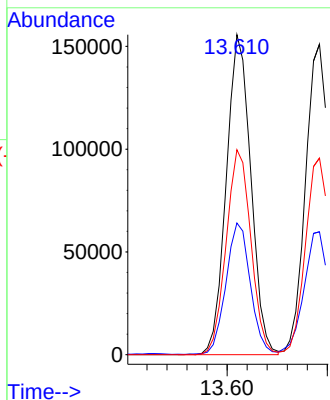
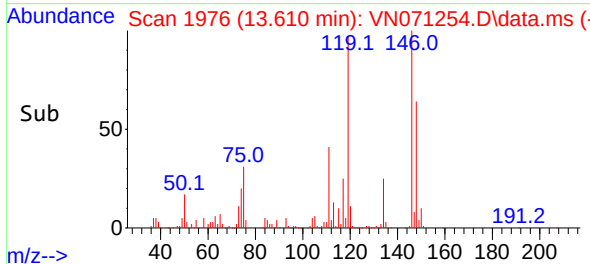
Instrument :
MSVOA_N
ClientSampleId :
VN0311MBSD02



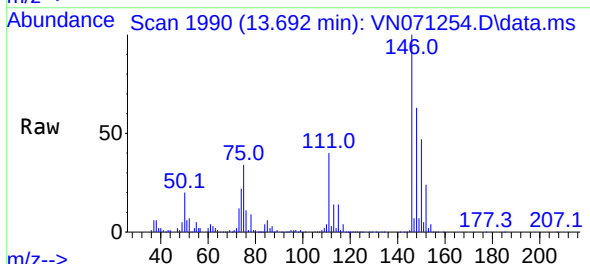
Tgt Ion:146 Resp: 26496
Ion Ratio Lower Upper
146 100
111 40.7 18.6 55.6
148 64.7 31.6 95.0

Manual Integrations
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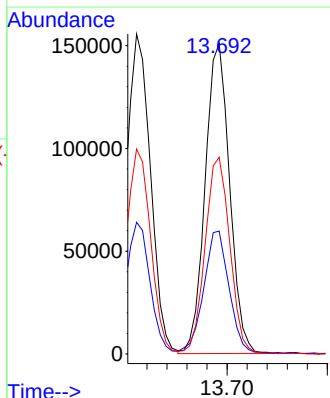
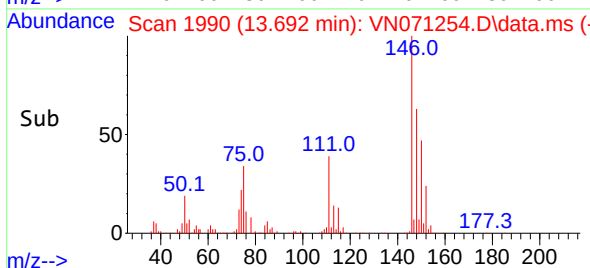
Reviewed By :John Carlone 03/14/2022
Supervised By :Mahesh Dadoda 03/15/2022

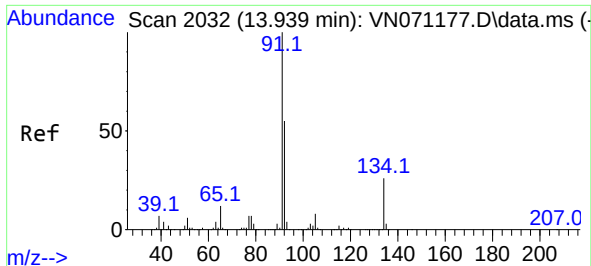


#88
1,4-Dichlorobenzene
Concen: 17.401 ug/l
RT: 13.692 min Scan# 1990
Delta R.T. 0.000 min
Lab File: VN071254.D
Acq: 11 Mar 2022 17:47



Tgt Ion:146 Resp: 255194
Ion Ratio Lower Upper
146 100
111 41.1 18.3 54.8
148 64.6 31.8 95.4





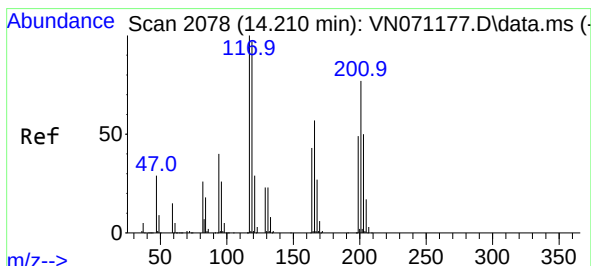
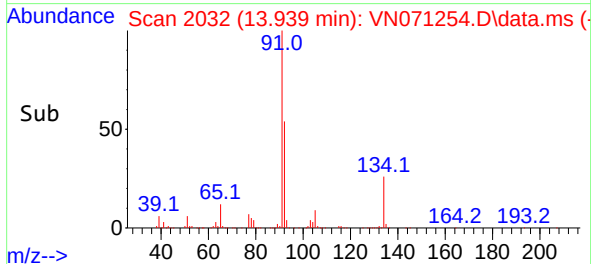
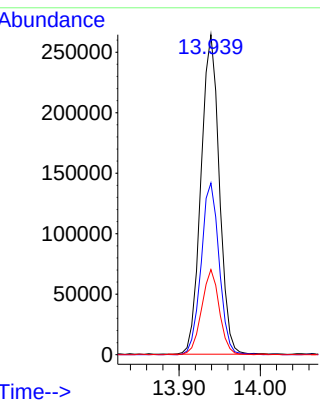
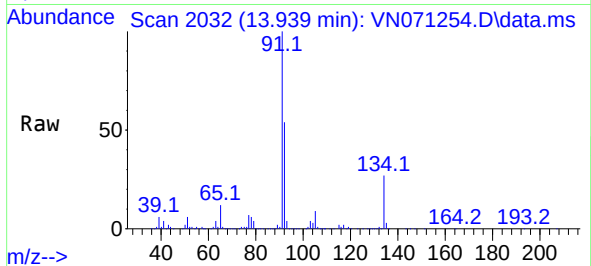
#89
n-Butylbenzene
Concen: 18.398 ug/l
RT: 13.939 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VN071254.D
Acq: 11 Mar 2022 17:47

Instrument :
MSVOA_N
ClientSampleId :
VN0311MBSD02

Tgt Ion: 91 Resp: 41354
Ion Ratio Lower Upper
91 100
92 53.0 25.4 76.0
134 25.8 13.6 40.8

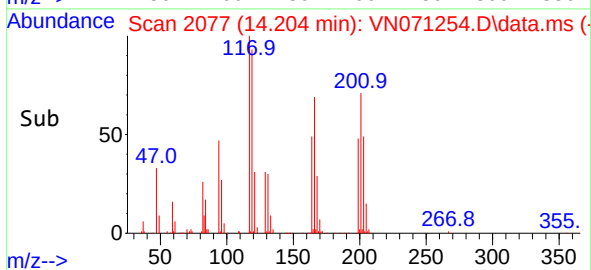
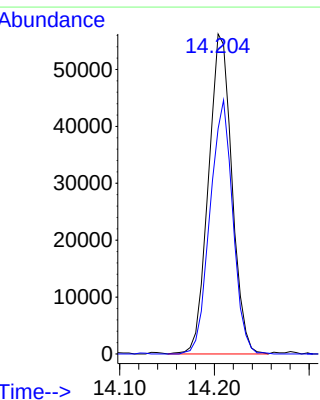
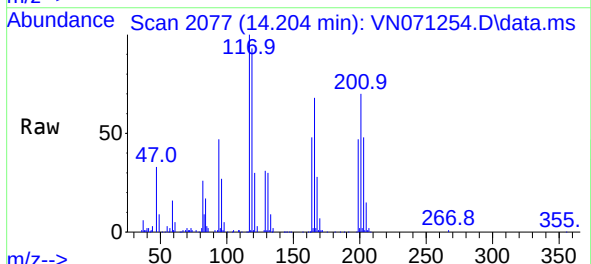
Manual Integrations
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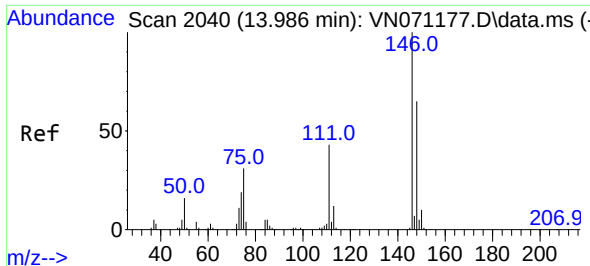
Reviewed By :John Carlone 03/14/2022
Supervised By :Mahesh Dadoda 03/15/2022



#90
Hexachloroethane
Concen: 16.961 ug/l
RT: 14.204 min Scan# 2077
Delta R.T. -0.006 min
Lab File: VN071254.D
Acq: 11 Mar 2022 17:47

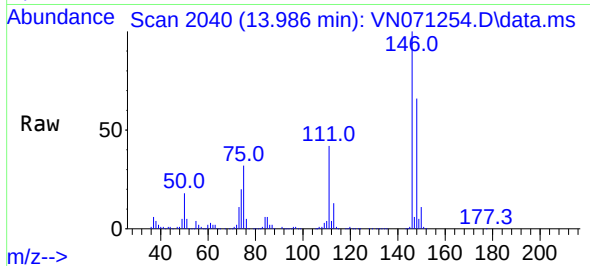
Tgt Ion:117 Resp: 96936
Ion Ratio Lower Upper
117 100
201 76.8 43.9 131.6





#91
1,2-Dichlorobenzene
Concen: 18.256 ug/l
RT: 13.986 min Scan# 2040
Delta R.T. 0.000 min
Lab File: VN071254.D
Acq: 11 Mar 2022 17:47

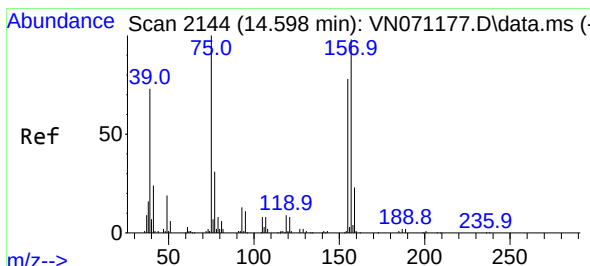
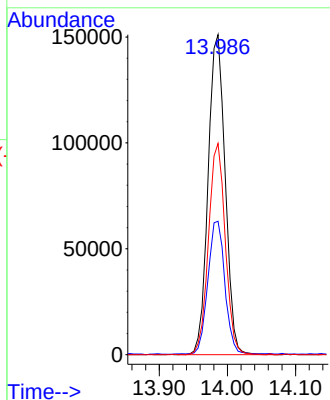
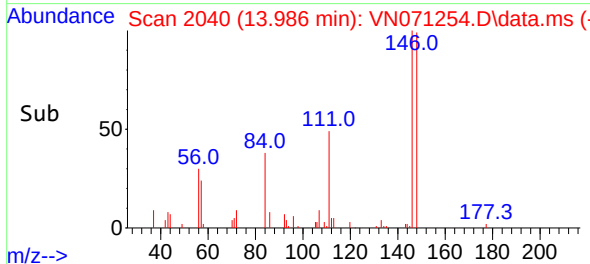
Instrument :
MSVOA_N
ClientSampleId :
VN0311MBS02



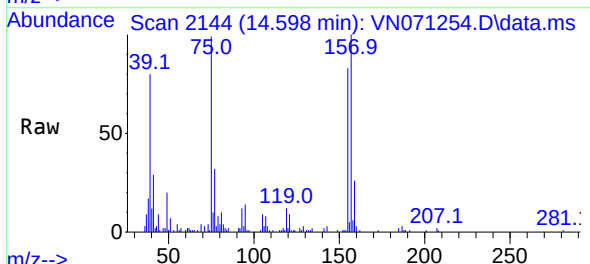
Tgt Ion:146 Resp: 26332
Ion Ratio Lower Upper
146 100
111 41.7 19.1 57.3
148 64.9 32.1 96.3

Manual Integrations
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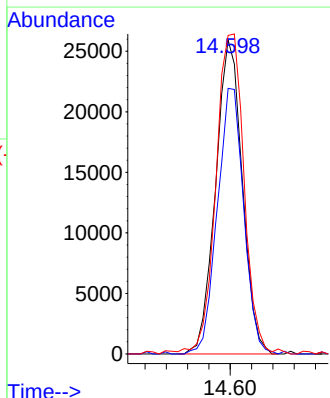
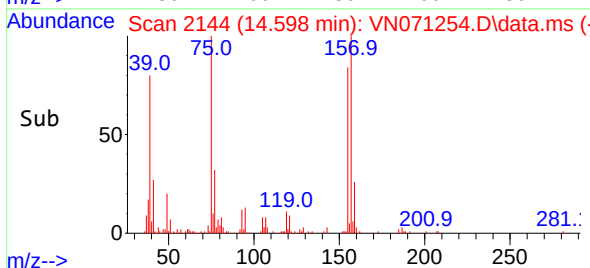
Reviewed By :John Carlone 03/14/2022
Supervised By :Mahesh Dadoda 03/15/2022

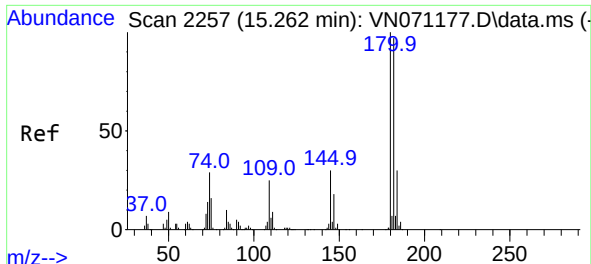


#92
1,2-Dibromo-3-Chloropropane
Concen: 19.536 ug/l
RT: 14.598 min Scan# 2144
Delta R.T. 0.000 min
Lab File: VN071254.D
Acq: 11 Mar 2022 17:47



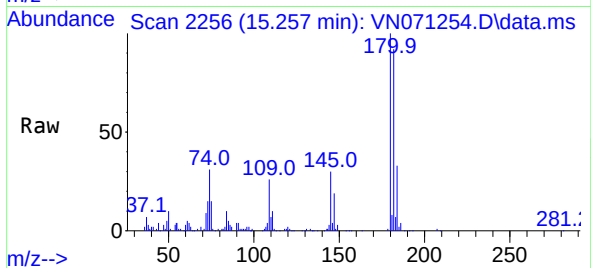
Tgt Ion: 75 Resp: 45011
Ion Ratio Lower Upper
75 100
155 83.6 46.9 140.7
157 108.0 60.6 181.7





#93
1,2,4-Trichlorobenzene
Concen: 20.086 ug/l
RT: 15.257 min Scan# 211
Delta R.T. -0.005 min
Lab File: VN071254.D
Acq: 11 Mar 2022 17:47

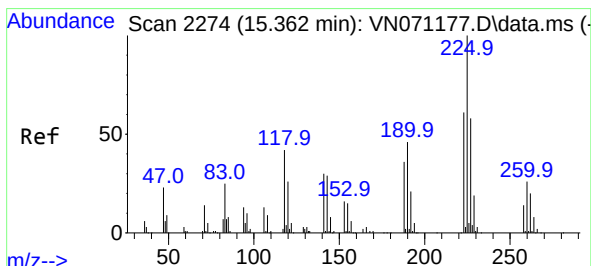
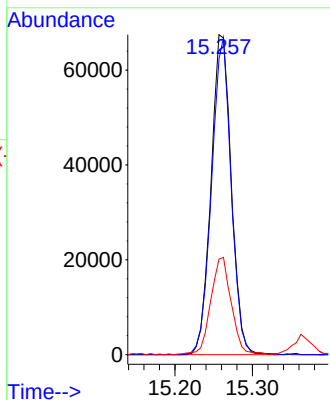
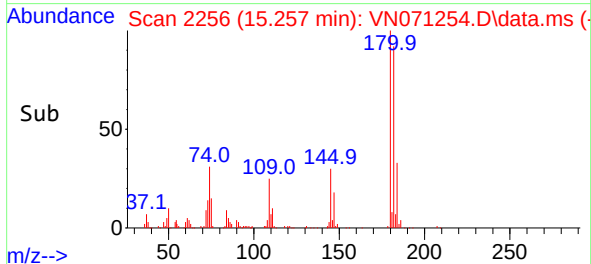
Instrument :
MSVOA_N
ClientSampleId :
VN0311MBSD02



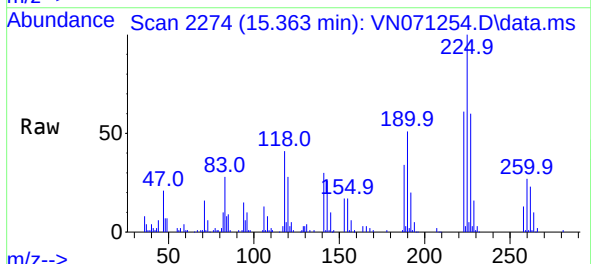
Tgt Ion:180 Resp: 12241
Ion Ratio Lower Upper
180 100
182 95.6 48.3 144.9
145 30.9 14.5 43.5

Manual Integrations
APPROVED

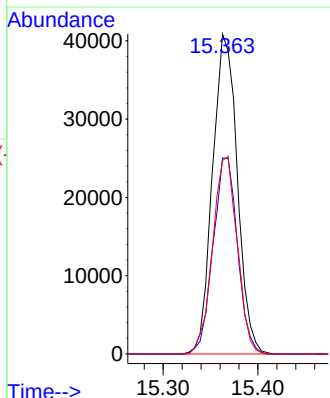
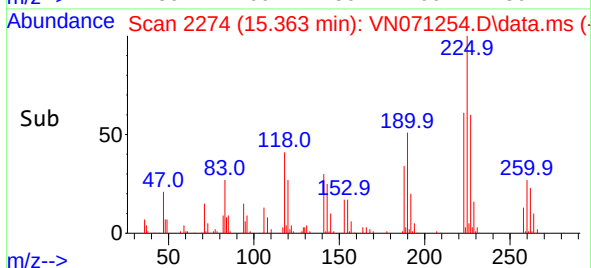
Reviewed By :John Carlone 03/14/2022
Supervised By :Mahesh Dadoda 03/15/2022

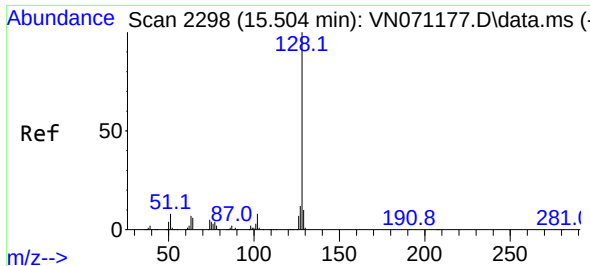


#94
Hexachlorobutadiene
Concen: 18.285 ug/l
RT: 15.363 min Scan# 2274
Delta R.T. 0.001 min
Lab File: VN071254.D
Acq: 11 Mar 2022 17:47



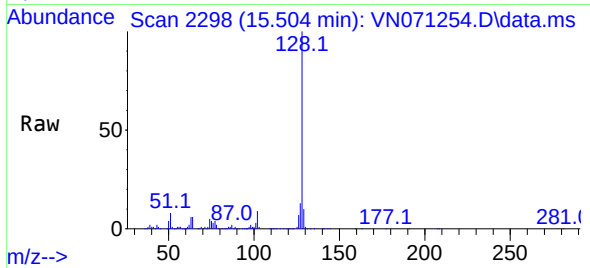
Tgt Ion:225 Resp: 74043
Ion Ratio Lower Upper
225 100
223 60.8 31.9 95.7
227 61.3 32.1 96.3





#95
Naphthalene
Concen: 24.058 ug/l
RT: 15.504 min Scan# 2298
Delta R.T. -0.000 min
Lab File: VN071254.D
Acq: 11 Mar 2022 17:47

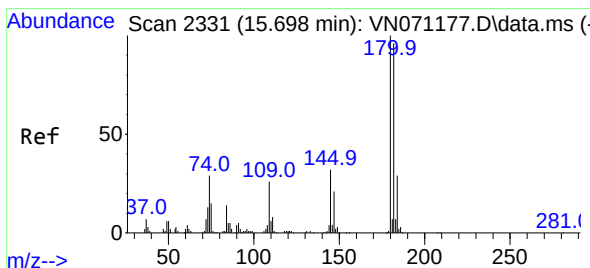
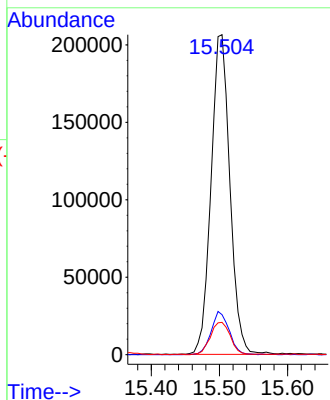
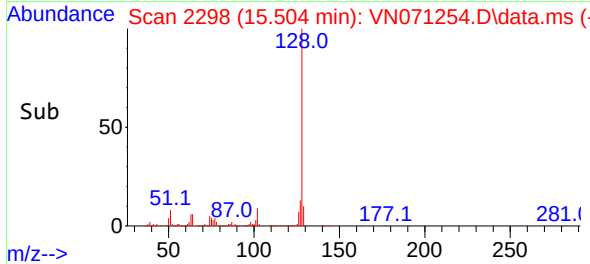
Instrument :
MSVOA_N
ClientSampleId :
VN0311MBSD02



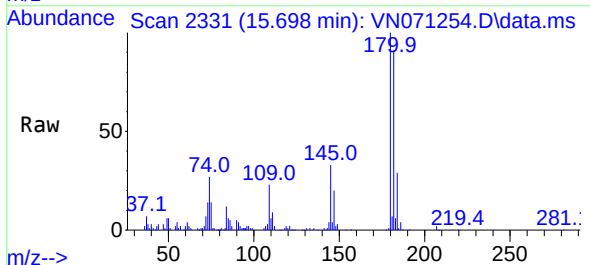
Tgt Ion:128 Resp: 397933
Ion Ratio Lower Upper
128 100
127 13.0 10.5 15.7
129 10.8 8.7 13.1

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 21.124 ug/l
RT: 15.698 min Scan# 2331
Delta R.T. -0.000 min
Lab File: VN071254.D
Acq: 11 Mar 2022 17:47



Tgt Ion:180 Resp: 125468
Ion Ratio Lower Upper
180 100
182 95.9 47.4 142.2
145 32.4 15.0 45.1

