

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052622\
 Data File : VN072633.D
 Acq On : 26 May 2022 15:56
 Operator : JC\MD
 Sample : VSTDICC150
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC150

Quant Time: May 26 16:14:07 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N052622W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu May 26 15:53:28 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 05/27/2022
 Supervised By : Mahesh Dadoda 05/27/2022

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

Internal Standards						
1) Bromochloromethane	7.651	128	29564	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	8.963	114	196724	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.739	117	179888	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.433	65	88333	28.042	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery =	93.467%		
60) 4-Bromofluorobenzene	12.727	95	97923	28.303	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery =	94.333%		
63) Toluene-d8	10.439	98	296037	29.931	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery =	99.767%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.063	85	280904	118.141	ug/l	98
3) Chloromethane	2.293	50	417537	183.541	ug/l	97
4) Vinyl Chloride	2.434	62	378688	196.072	ug/l	98
5) Bromomethane	2.810	94	189690	130.879	ug/l	96
6) Chloroethane	2.975	64	224162	176.734	ug/l	100
7) Trichlorofluoromethane	3.351	101	423573	100.905	ug/l	99
8) Diethyl Ether	3.816	74	177510	129.675	ug/l	79
9) 1,1,2-Trichlorotrifluo...	4.198	101	226274	110.125	ug/l	76
10) 1,1-Dichloroethene	4.169	96	225783	118.415	ug/l	86
11) Methyl Iodide	4.410	142	235045	89.206	ug/l	96
12) Methyl Acetate	4.845	43	481432	153.070	ug/l #	87
13) Acrolein	4.034	56	250013	544.459	ug/l	99
14) Acrylonitrile	5.545	53	1012170	745.894	ug/l	99
15) Acetone	4.275	58	253629	714.236	ug/l	82
16) Carbon Disulfide	4.522	76	644749	130.351	ug/l	98
17) Allyl chloride	4.828	41	535974	152.312	ug/l	86
18) Methylene Chloride	5.087	84	278713m	120.797	ug/l	
19) trans-1,2-Dichloroethene	5.587	96	241944	115.600	ug/l #	85
20) Diisopropyl ether	6.486	45	1096053	148.559	ug/l #	89
21) 1,1-Dichloroethane	6.381	63	543714	127.589	ug/l	98
22) cis-1,2-Dichloroethene	7.316	96	299798	121.156	ug/l	89
23) tert-Butyl Alcohol	5.369	59	354263	639.425	ug/l #	100
24) Methyl tert-Butyl Ether	5.610	73	930075	121.898	ug/l	98
25) Chloroform	7.816	83	672514	149.344	ug/l	99
26) Cyclohexane	8.092	56	689924	195.578	ug/l #	92
29) 1,1-Dichloropropene	8.216	75	542395	136.812	ug/l	97
30) 2-Butanone	7.328	43	1539117	646.645	ug/l #	91
31) 2,2-Dichloropropane	7.316	77	461160	96.390	ug/l	96
32) 1,1,1-Trichloroethane	8.010	97	631730	116.900	ug/l	99
33) Carbon Tetrachloride	8.198	117	522387	110.032	ug/l	98
34) Benzene	8.457	78	1592966	138.866	ug/l	97
35) Methacrylonitrile	7.639	41	390333m	159.207	ug/l	
36) 1,2-Dichloroethane	8.522	62	521003	104.975	ug/l	98
37) Trichloroethene	9.210	130	414470	137.200	ug/l	96
38) Methylcyclohexane	9.457	83	669589	145.296	ug/l	94
39) 1,2-Dichloropropane	9.486	63	439774	150.899	ug/l	98
40) Dibromomethane	9.574	93	268616	124.511	ug/l	97
41) Bromodichloromethane	9.757	83	565740	124.423	ug/l	95
42) Vinyl Acetate	6.428	43	5053009	638.574	ug/l	97

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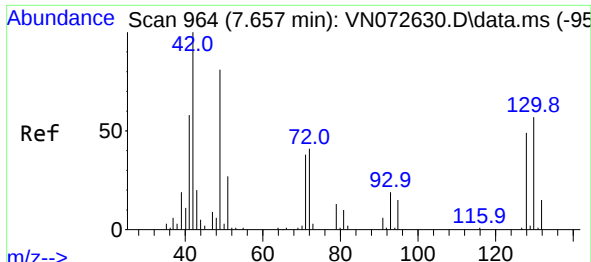
Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/27/2022
 Supervised By : Mahesh Dadoda 05/27/2022

Quant Time: May 26 16:14:07 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N052622W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
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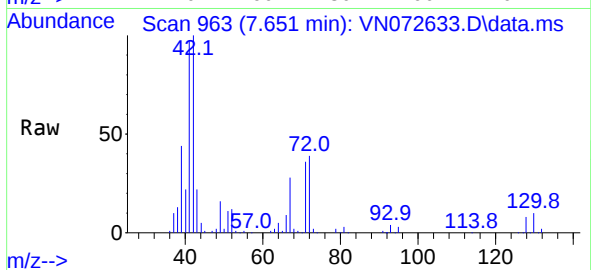
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.404	43	586616	127.085	ug/l	96
44) Isopropyl Acetate	8.557	43	1100977	150.803	ug/l	98
45) 1,4-Dioxane	9.563	88	168262	2489.986	ug/l	90
46) Methyl methacrylate	9.557	41	542573	156.806	ug/l	85
47) n-amyl Acetate	12.380	43	856288	170.885	ug/l	98
48) t-1,3-Dichloropropene	10.716	75	678235	140.720	ug/l	97
49) cis-1,3-Dichloropropene	10.186	75	664088	134.153	ug/l	91
50) 1,1,2-Trichloroethane	10.892	97	432237	141.996	ug/l	97
51) Ethyl methacrylate	10.757	69	762608	158.282	ug/l	89
52) 1,3-Dichloropropane	11.039	76	756433	143.613	ug/l	99
53) Dibromochloromethane	11.233	129	461020	130.452	ug/l	99
54) 1,2-Dibromoethane	11.339	107	451672	140.058	ug/l	97
55) 2-Chloroethyl vinyl ether	10.033	63	1566814	1123.438	ug/l	96
56) Bromoform	12.451	173	336545	125.366	ug/l #	99
58) 4-Methyl-2-Pentanone	10.327	43	3650363	816.570	ug/l	96
59) 2-Hexanone	11.080	43	2606293	798.906	ug/l	97
61) Tetrachloroethene	10.974	164	352439	132.334	ug/l	93
62) Toluene	10.498	91	1715986	137.641	ug/l	98
64) Chlorobenzene	11.763	112	1102386	143.776	ug/l	100
65) 1,1,1,2-Tetrachloroethane	11.839	131	419684	135.144	ug/l	99
66) Ethyl Benzene	11.839	91	2062766	149.253	ug/l	99
67) m/p-Xylenes	11.951	106	1542721	294.488	ug/l	99
68) o-Xylene	12.274	106	762297	146.936	ug/l	99
69) Styrene	12.286	104	1265439	153.661	ug/l	97
70) Isopropylbenzene	12.574	105	1975059	144.536	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.821	83	602178	141.429	ug/l	98
72) 1,2,3-Trichloropropane	12.874	75	556566m	142.160	ug/l	
73) Bromobenzene	12.857	156	437695	134.939	ug/l	94
74) n-propylbenzene	12.915	91	2308590	153.229	ug/l	100
75) 2-Chlorotoluene	13.004	91	1333371	139.829	ug/l	97
76) 1,3,5-Trimethylbenzene	13.057	105	1546294	134.679	ug/l	97
77) t-1,4-Dichloro-2-butene	12.621	75	228732	168.800	ug/l	86
78) 4-Chlorotoluene	13.098	91	1267737	141.370	ug/l	96
79) tert-butylbenzene	13.315	119	1400359	138.044	ug/l	95
80) 1,2,4-Trimethylbenzene	13.362	105	1507297m	135.732	ug/l	
81) sec-Butylbenzene	13.498	105	1984213	146.360	ug/l	100
82) p-Isopropyltoluene	13.610	119	1580700	142.616	ug/l	97
83) 1,3-Dichlorobenzene	13.610	146	755747	136.962	ug/l	98
84) 1,4-Dichlorobenzene	13.686	146	735073	136.813	ug/l	99
85) n-Butylbenzene	13.939	91	1378962	164.084	ug/l	96
86) Hexachloroethane	14.204	117	298306	142.833	ug/l	90
87) 1,2-Dichlorobenzene	13.980	146	716463	132.389	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	14.598	75	134133	139.960	ug/l	91
89) 1,2,4-Trichlorobenzene	15.256	180	413955	164.168	ug/l	97
90) Hexachlorobutadiene	15.368	225	179300	121.338	ug/l	98
91) Naphthalene	15.498	128	1510462	192.965	ug/l	99
92) 1,2,3-Trichlorobenzene	15.692	180	409556	159.922	ug/l	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.651 min Scan# 90
Delta R.T. -0.006 min
Lab File: VN072633.D
Acq: 26 May 2022 15:56

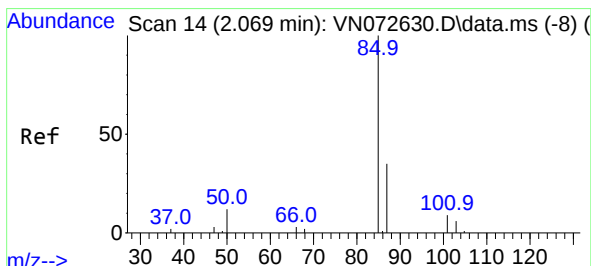
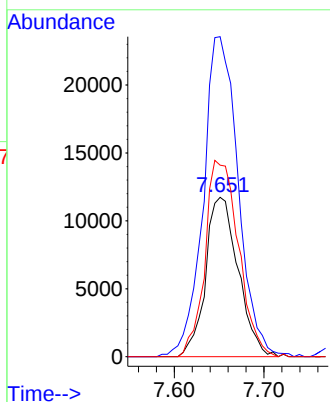
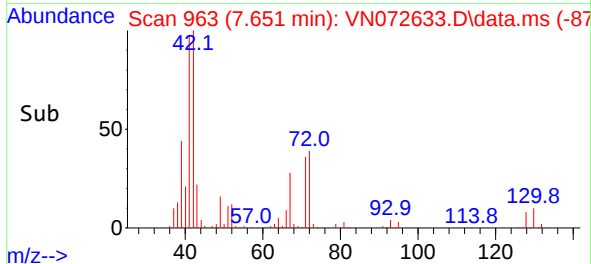
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



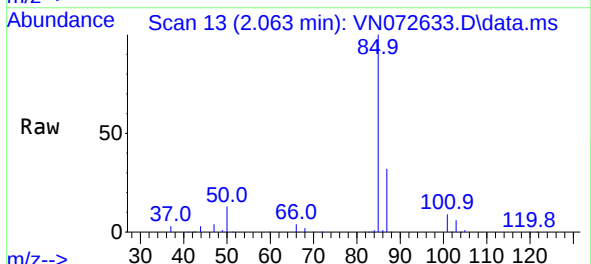
Tgt Ion:128 Resp: 29564
Ion Ratio Lower Upper
128 100
49 215.3 0.0 392.3
130 126.7 0.0 320.2

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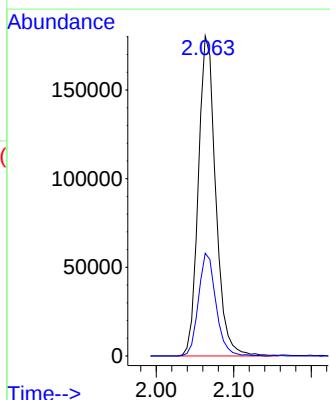
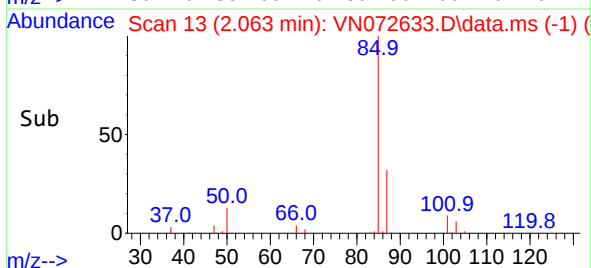
Reviewed By :John Carlone 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022

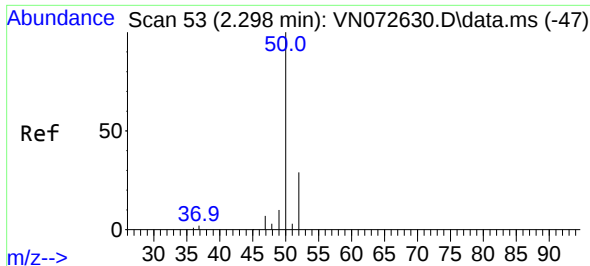


#2
Dichlorodifluoromethane
Concen: 118.141 ug/l
RT: 2.063 min Scan# 13
Delta R.T. -0.006 min
Lab File: VN072633.D
Acq: 26 May 2022 15:56



Tgt Ion: 85 Resp: 280904
Ion Ratio Lower Upper
85 100
87 32.1 16.6 49.7





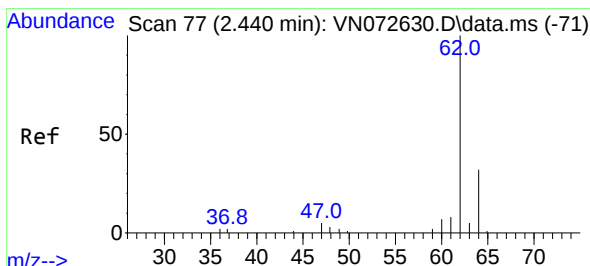
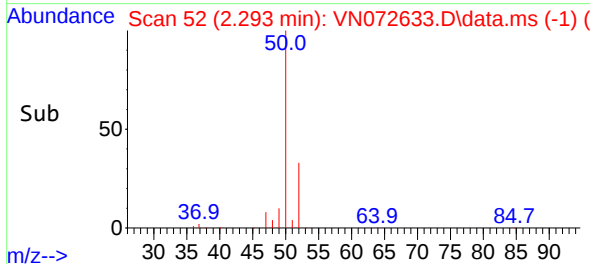
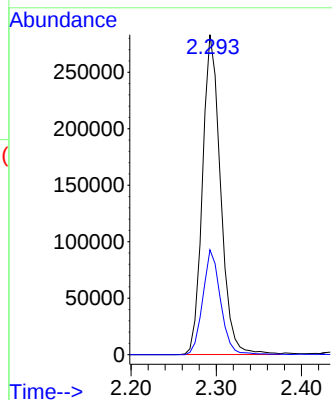
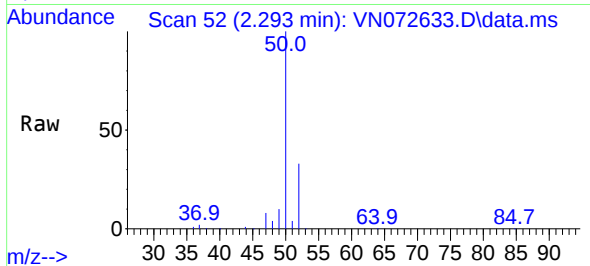
#3
Chloromethane
Concen: 183.541 ug/l
RT: 2.293 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN072633.D
Acq: 26 May 2022 15:56

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tgt Ion: 50 Resp: 41753
Ion Ratio Lower Upper
50 100
52 32.8 27.8 41.6

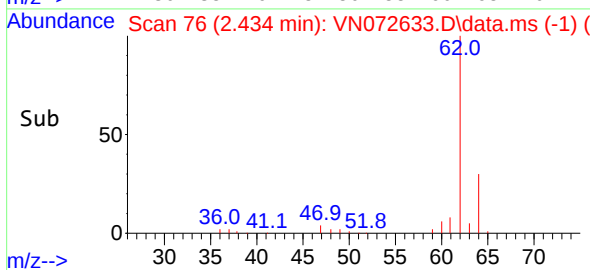
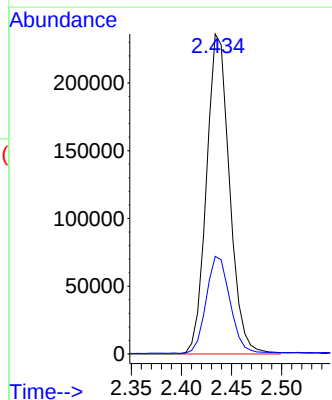
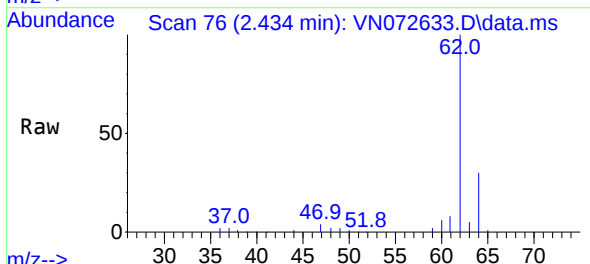
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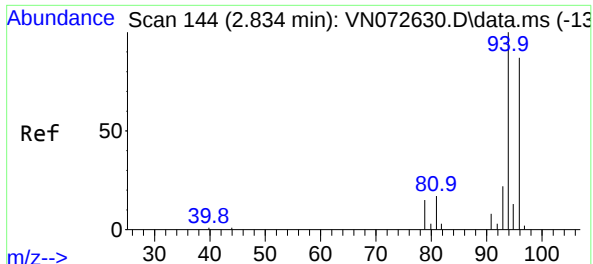
Reviewed By :John Carlone 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022



#4
Vinyl Chloride
Concen: 196.072 ug/l
RT: 2.434 min Scan# 76
Delta R.T. -0.006 min
Lab File: VN072633.D
Acq: 26 May 2022 15:56

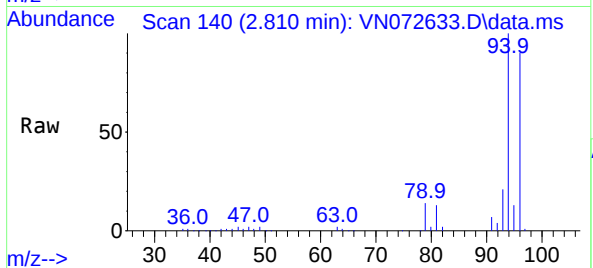
Tgt Ion: 62 Resp: 378688
Ion Ratio Lower Upper
62 100
64 30.3 25.1 37.7





#5
Bromomethane
Concen: 130.879 ug/l
RT: 2.810 min Scan# 144
Delta R.T. -0.024 min
Lab File: VN072633.D
Acq: 26 May 2022 15:56

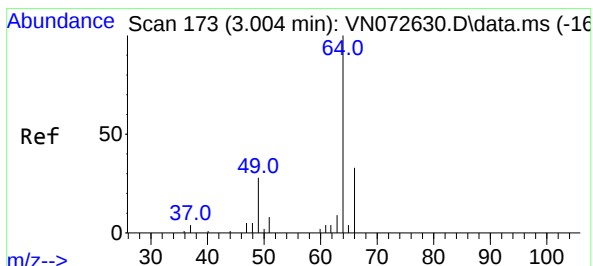
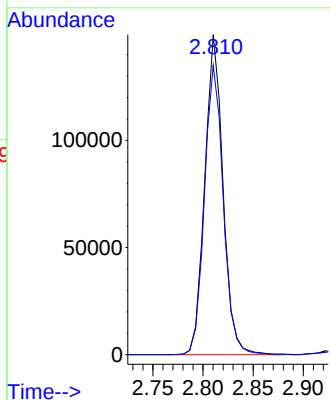
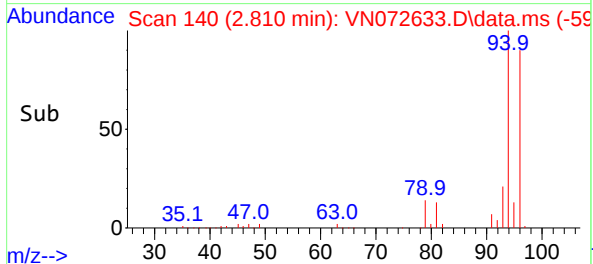
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



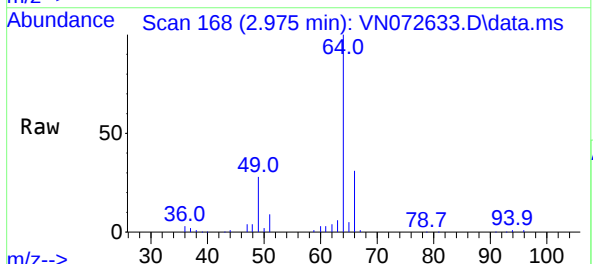
Tgt Ion: 94 Resp: 189690
Ion Ratio Lower Upper
94 100
96 90.4 75.2 112.8

Manual Integrations
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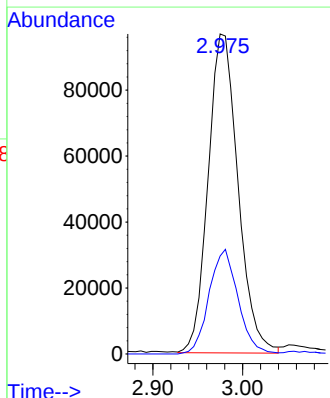
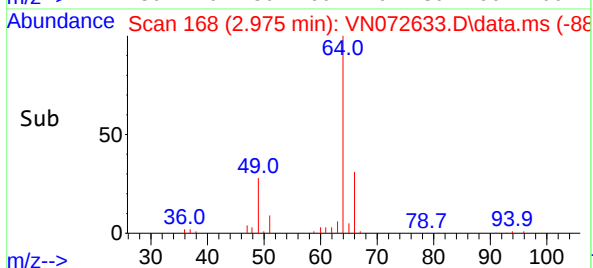
Reviewed By :John Carlone 05/27/2022
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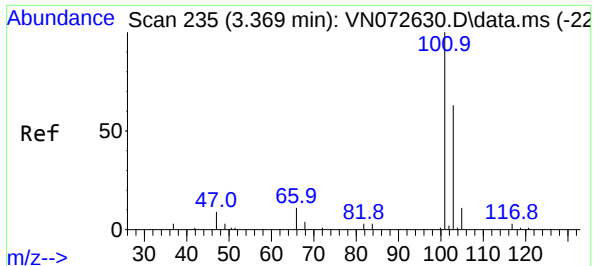


#6
Chloroethane
Concen: 176.734 ug/l
RT: 2.975 min Scan# 168
Delta R.T. -0.029 min
Lab File: VN072633.D
Acq: 26 May 2022 15:56



Tgt Ion: 64 Resp: 224162
Ion Ratio Lower Upper
64 100
66 30.8 24.6 36.8





#7

Trichlorofluoromethane

Concen: 100.905 ug/l

RT: 3.351 min Scan# 21

Delta R.T. -0.018 min

Lab File: VN072633.D

Acq: 26 May 2022 15:56

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC150

Tgt Ion:101 Resp: 42357

Ion Ratio Lower Upper

101 100

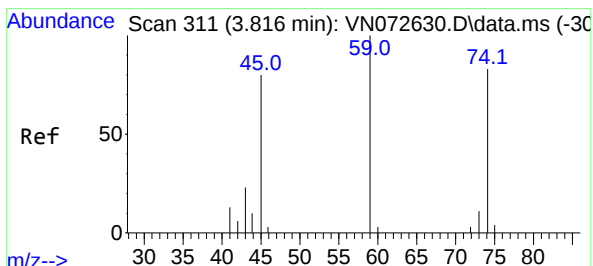
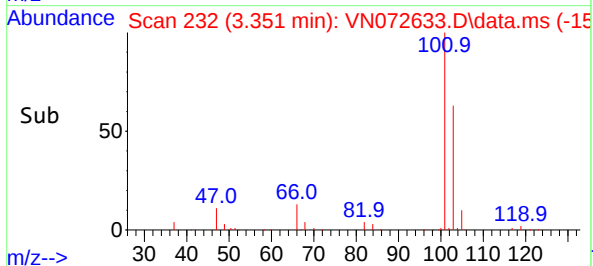
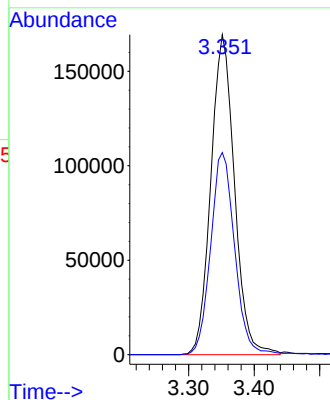
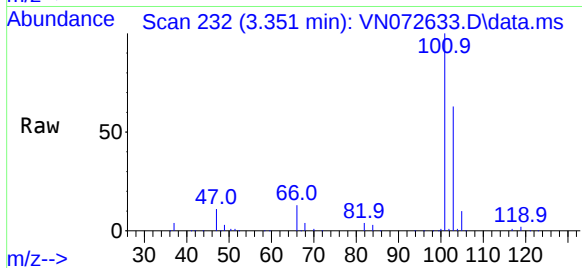
103 63.1 50.1 75.1

Manual Integrations

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Supervised By :Mahesh Dadoda 05/27/2022



#8

Diethyl Ether

Concen: 129.675 ug/l

RT: 3.816 min Scan# 311

Delta R.T. 0.000 min

Lab File: VN072633.D

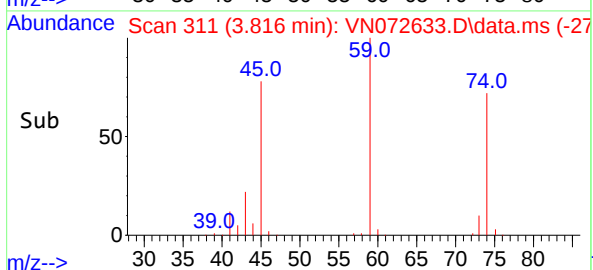
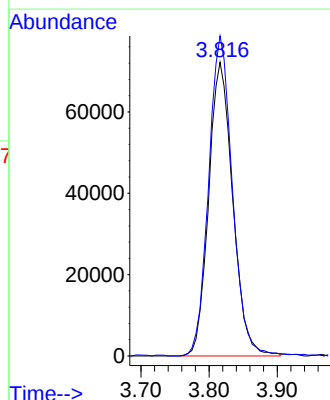
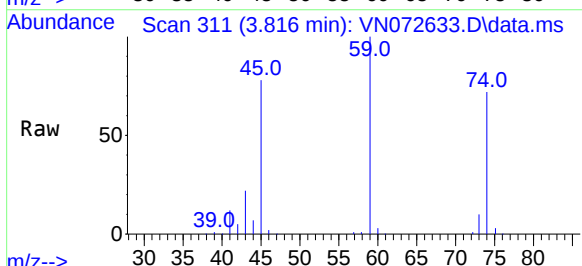
Acq: 26 May 2022 15:56

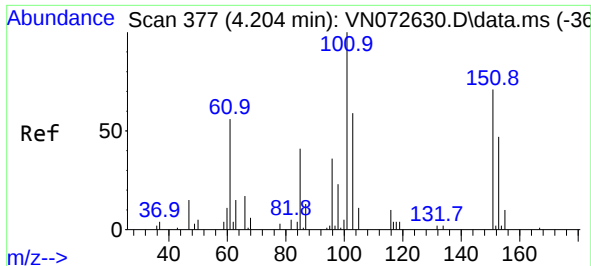
Tgt Ion: 74 Resp: 177510

Ion Ratio Lower Upper

74 100

45 107.7 17.6 158.8





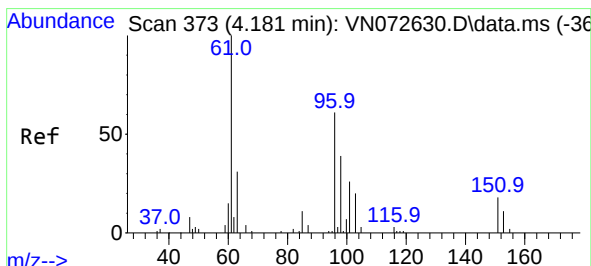
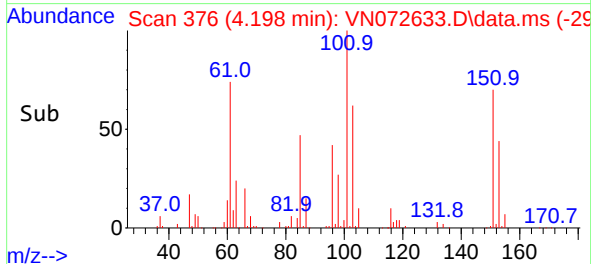
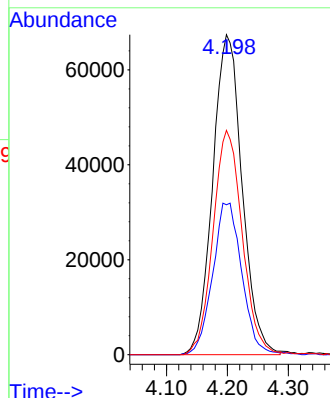
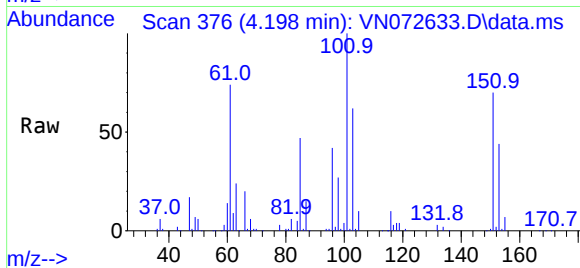
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1,1,2-Trichlorotrifluoroethane
Concen: 110.125 ug/l
RT: 4.198 min Scan# 31
Delta R.T. -0.006 min
Lab File: VN072633.D
Acq: 26 May 2022 15:56

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tgt Ion:101 Resp: 226274
Ion Ratio Lower Upper
101 100
85 46.9 0.0 94.0
151 69.5 0.0 74.6

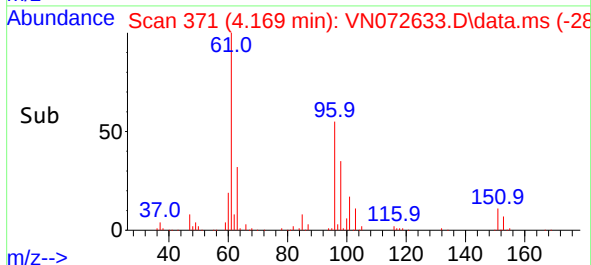
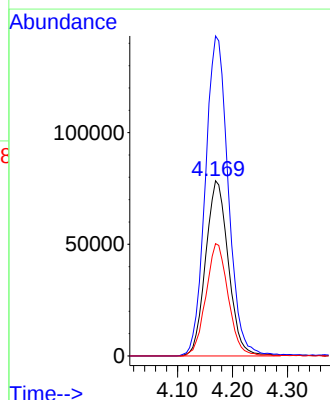
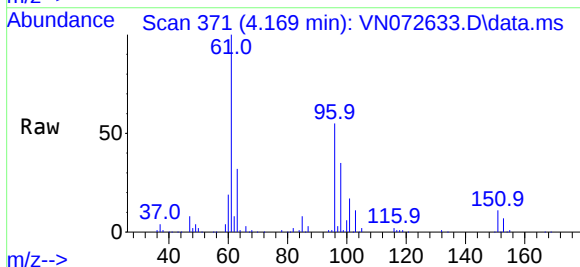
Manual Integrations
APPROVED

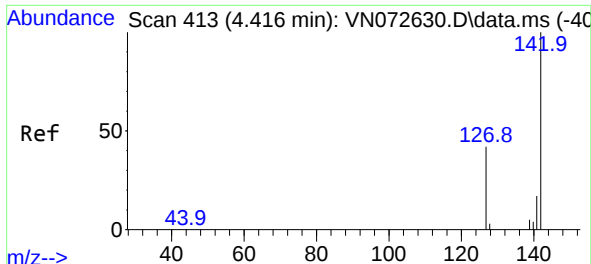
Reviewed By :John Carlone 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022



#10
1,1-Dichloroethene
Concen: 118.415 ug/l
RT: 4.169 min Scan# 371
Delta R.T. -0.012 min
Lab File: VN072633.D
Acq: 26 May 2022 15:56

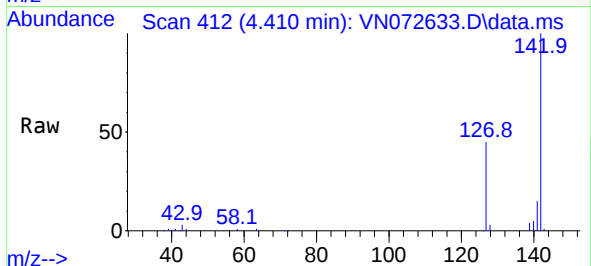
Tgt Ion: 96 Resp: 225783
Ion Ratio Lower Upper
96 100
61 182.4 126.2 189.4
98 64.1 50.9 76.3





#11
Methyl Iodide
Concen: 89.206 ug/l
RT: 4.410 min Scan# 411
Delta R.T. -0.006 min
Lab File: VN072633.D
Acq: 26 May 2022 15:56

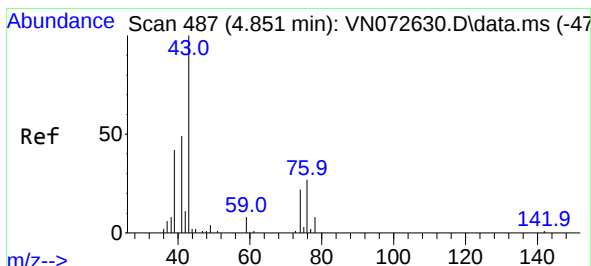
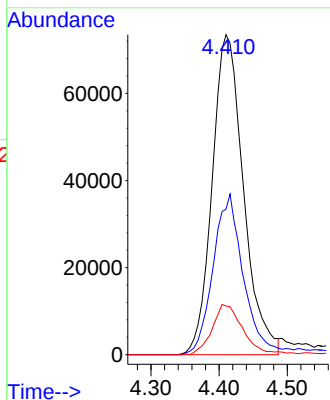
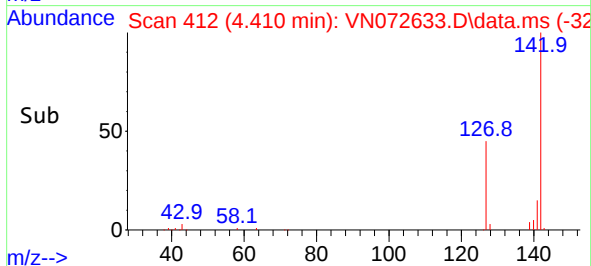
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



Tgt Ion:142 Resp: 235049
Ion Ratio Lower Upper
142 100
127 45.6 24.0 72.0
141 15.1 8.4 25.2

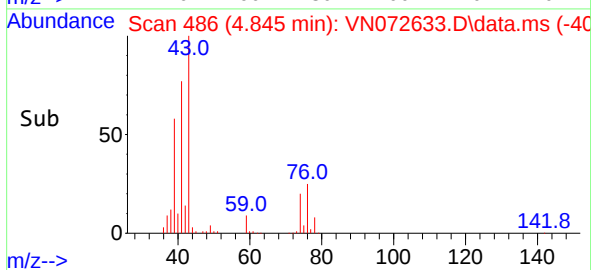
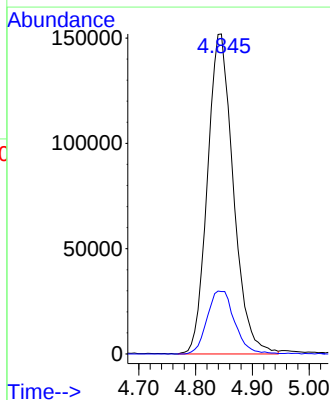
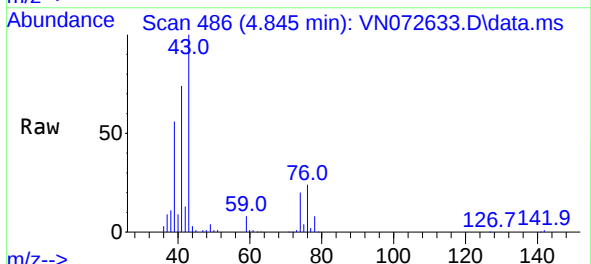
Manual Integrations
APPROVED

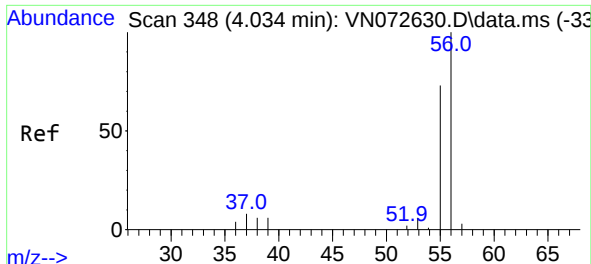
Reviewed By :John Carlone 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022



#12
Methyl Acetate
Concen: 153.070 ug/l
RT: 4.845 min Scan# 486
Delta R.T. -0.006 min
Lab File: VN072633.D
Acq: 26 May 2022 15:56

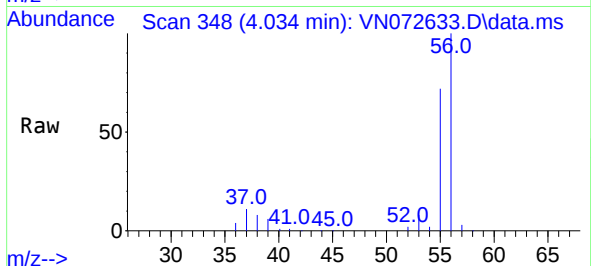
Tgt Ion: 43 Resp: 481432
Ion Ratio Lower Upper
43 100
74 19.5 20.8 31.2#





#13
Acrolein
Concen: 544.459 ug/l
RT: 4.034 min Scan# 348
Delta R.T. 0.000 min
Lab File: VN072633.D
Acq: 26 May 2022 15:56

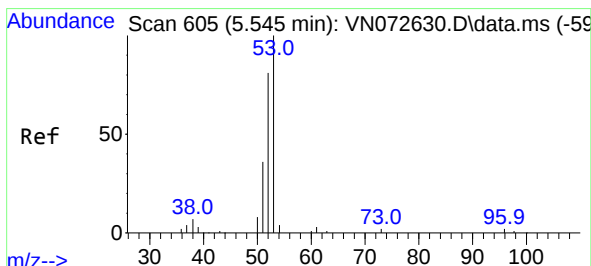
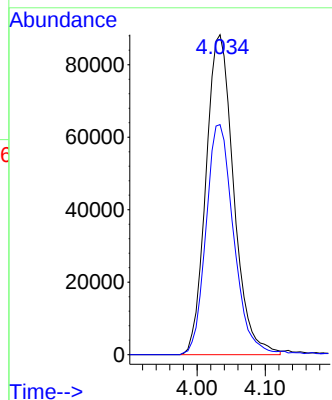
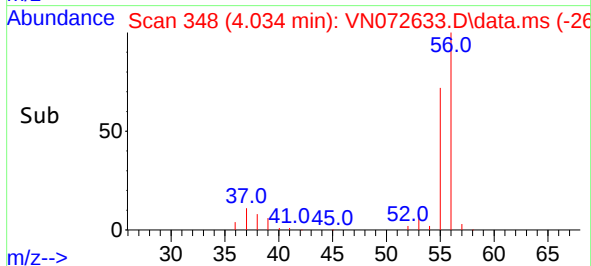
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150



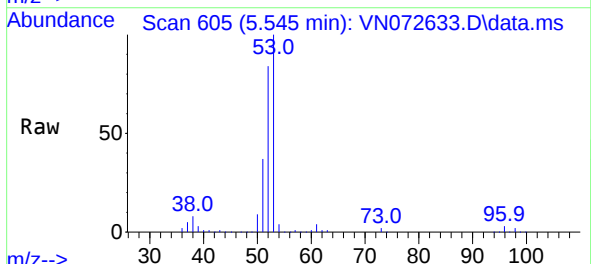
Tgt Ion: 56 Resp: 25001
Ion Ratio Lower Upper
56 100
55 71.6 57.6 86.4

Manual Integrations
APPROVED

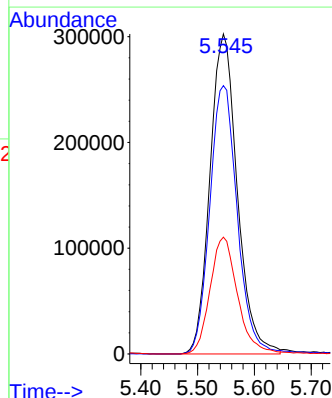
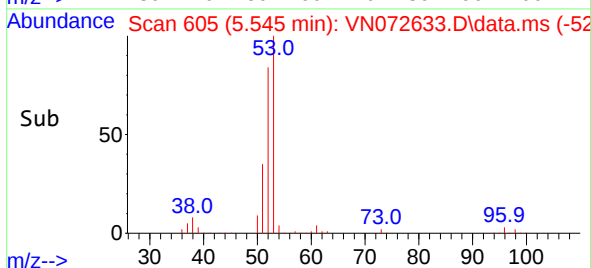
Reviewed By :John Carlone 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022

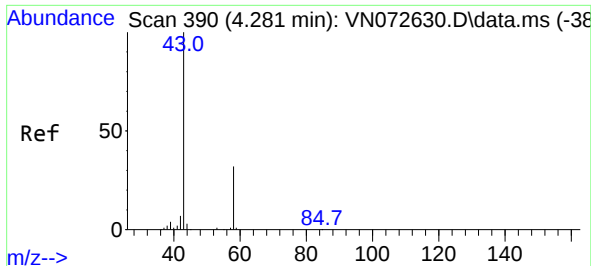


#14
Acrylonitrile
Concen: 745.894 ug/l
RT: 5.545 min Scan# 605
Delta R.T. 0.000 min
Lab File: VN072633.D
Acq: 26 May 2022 15:56



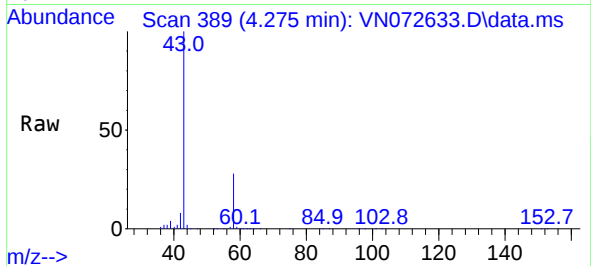
Tgt Ion: 53 Resp: 1012170
Ion Ratio Lower Upper
53 100
52 84.1 41.8 125.4
51 36.9 19.0 57.0





#15
Acetone
Concen: 714.236 ug/l
RT: 4.275 min Scan# 390
Delta R.T. -0.006 min
Lab File: VN072633.D
Acq: 26 May 2022 15:56

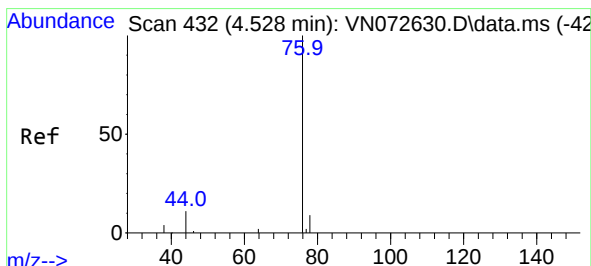
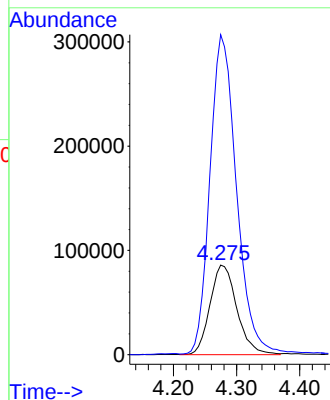
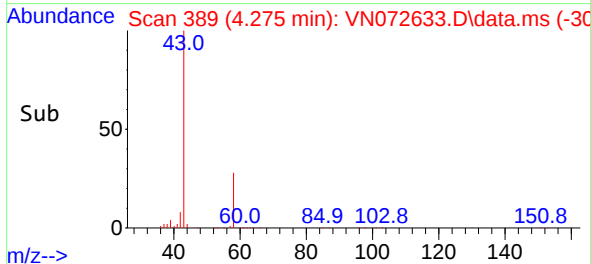
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



Tgt Ion: 58 Resp: 253629
Ion Ratio Lower Upper
58 100
43 356.9 256.6 384.8

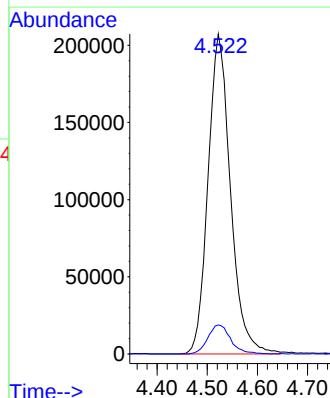
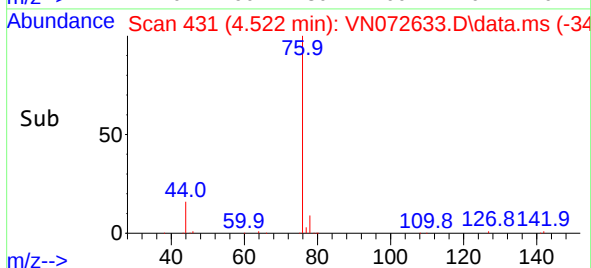
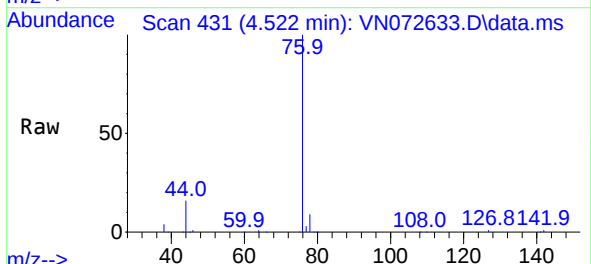
Manual Integrations
APPROVED

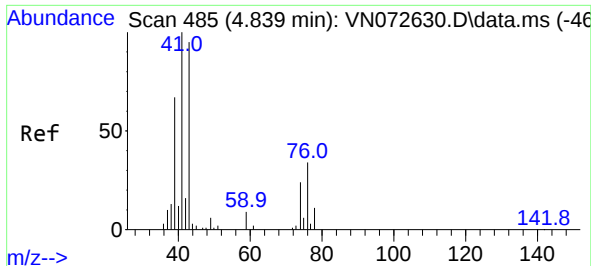
Reviewed By :John Carlone 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022



#16
Carbon Disulfide
Concen: 130.351 ug/l
RT: 4.522 min Scan# 431
Delta R.T. -0.006 min
Lab File: VN072633.D
Acq: 26 May 2022 15:56

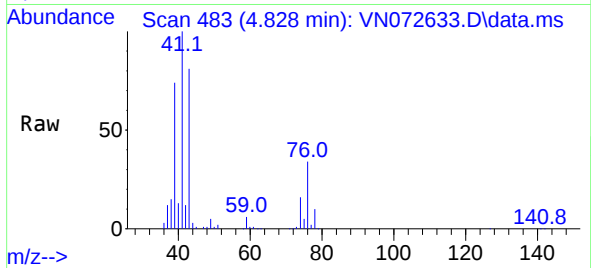
Tgt Ion: 76 Resp: 644749
Ion Ratio Lower Upper
76 100
78 9.1 7.8 11.8





#17
Allyl chloride
Concen: 152.312 ug/l
RT: 4.828 min Scan# 483
Delta R.T. -0.012 min
Lab File: VN072633.D
Acq: 26 May 2022 15:56

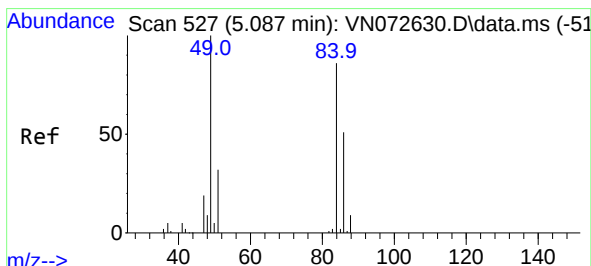
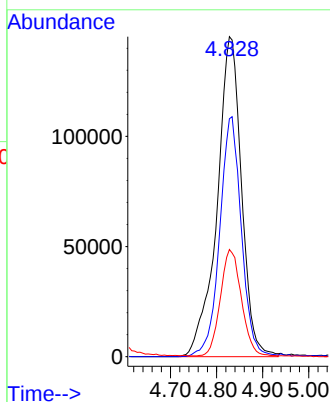
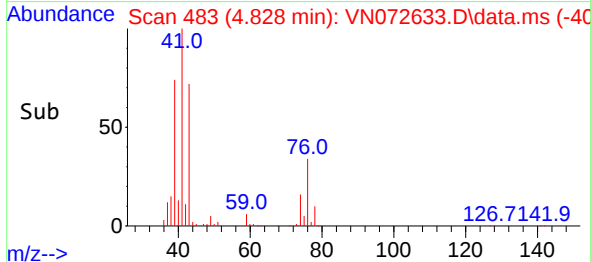
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150



Tgt Ion: 41 Resp: 535974
Ion Ratio Lower Upper
41 100
39 74.4 44.6 134.0
76 33.3 19.6 58.7

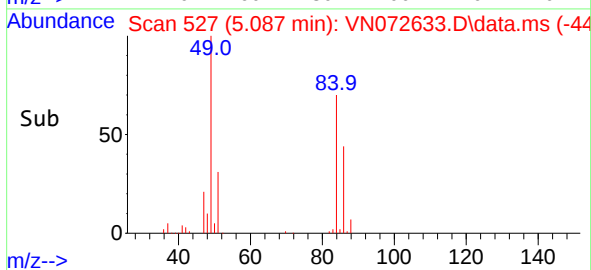
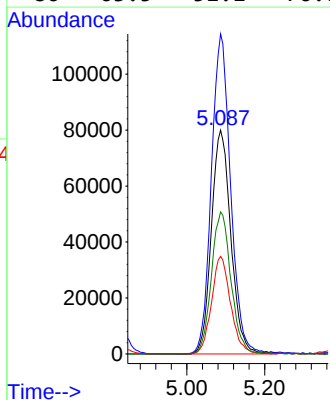
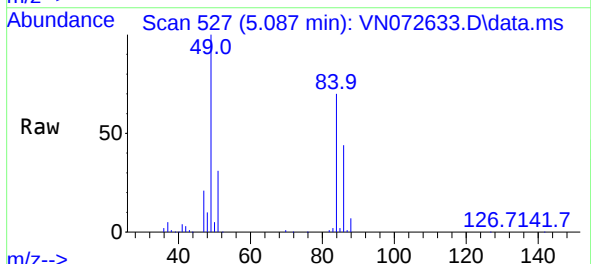
Manual Integrations
APPROVED

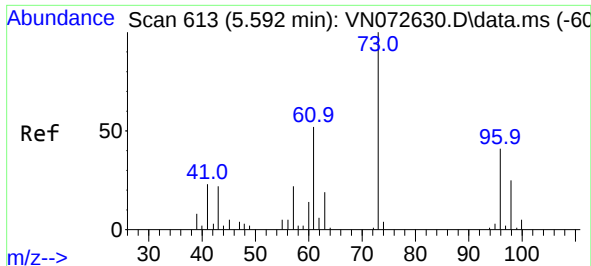
Reviewed By :John Carlone 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022



#18
Methylene Chloride
Concen: 120.797 ug/l m
RT: 5.087 min Scan# 527
Delta R.T. 0.000 min
Lab File: VN072633.D
Acq: 26 May 2022 15:56

Tgt Ion: 84 Resp: 278713
Ion Ratio Lower Upper
84 100
49 142.9 91.4 137.0#
51 43.6 29.4 44.0
86 63.5 51.1 76.7





#19

trans-1,2-Dichloroethene

Concen: 115.600 ug/l

RT: 5.587 min Scan# 61

Delta R.T. -0.006 min

Lab File: VN072633.D

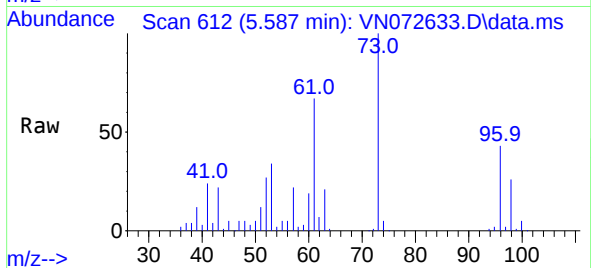
Acq: 26 May 2022 15:56

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150



Tgt Ion: 96 Resp: 241944

Ion Ratio Lower Upper

96 100

61 154.5 102.8 154.2

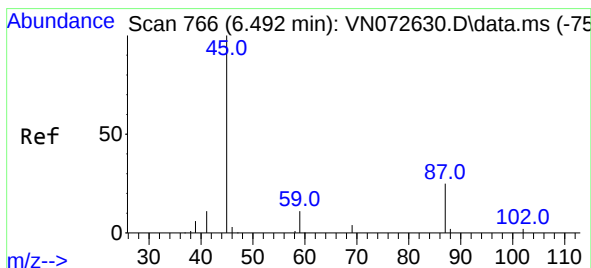
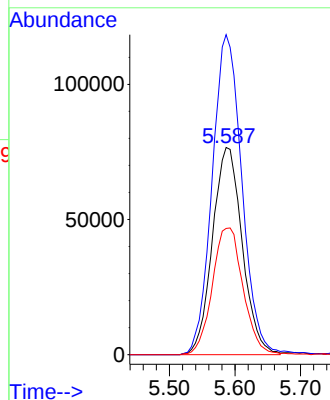
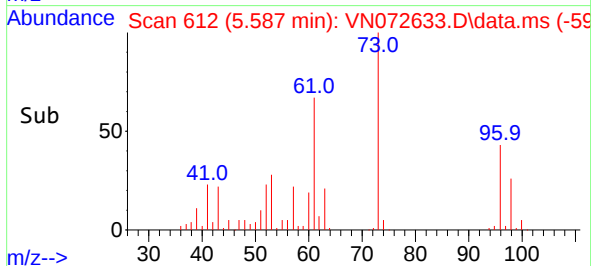
98 61.0 49.3 73.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/27/2022

Supervised By :Mahesh Dadoda 05/27/2022



#20

Diisopropyl ether

Concen: 148.559 ug/l

RT: 6.486 min Scan# 765

Delta R.T. -0.006 min

Lab File: VN072633.D

Acq: 26 May 2022 15:56

Tgt Ion: 45 Resp: 1096053

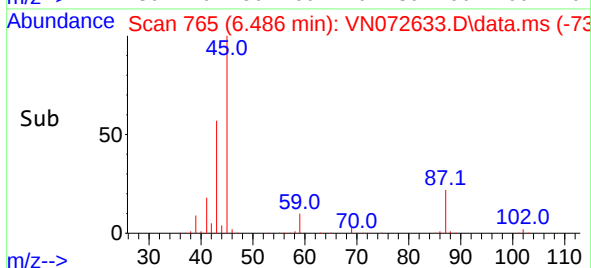
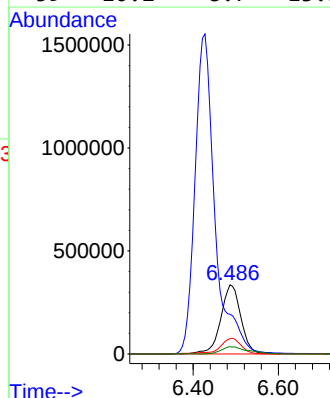
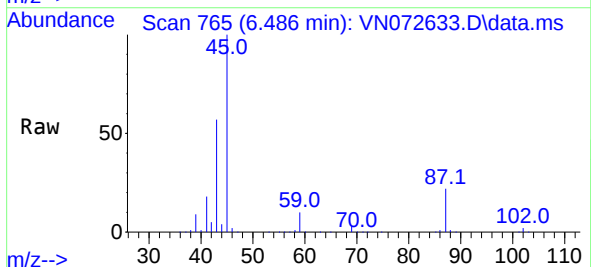
Ion Ratio Lower Upper

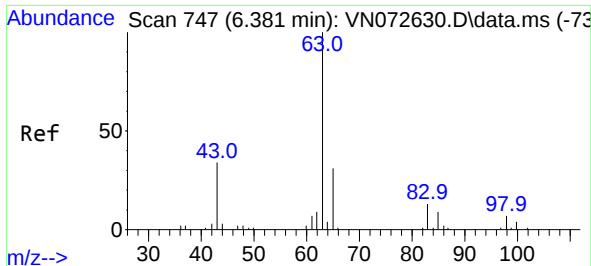
45 100

43 56.0 51.0 76.4

87 22.0 25.0 37.4

59 10.2 8.7 13.1





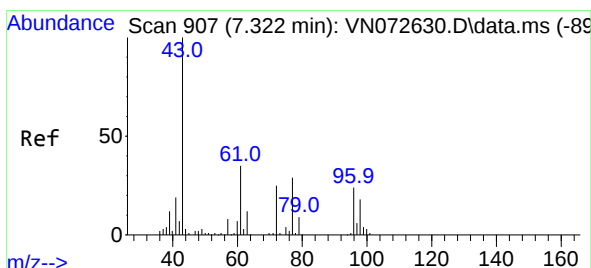
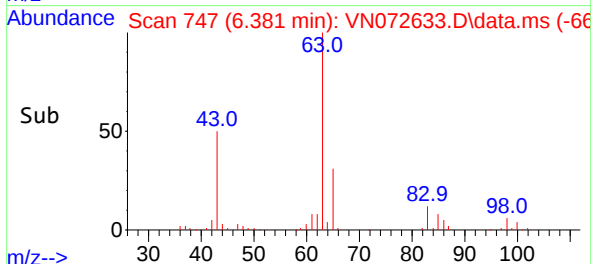
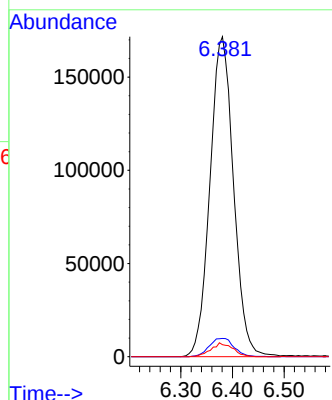
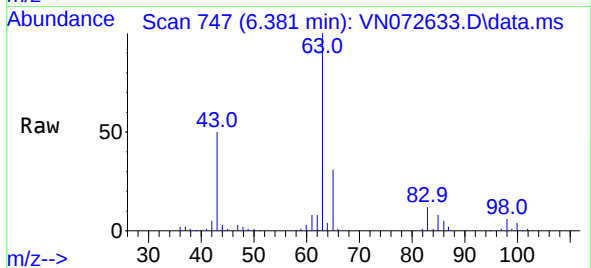
#21
1,1-Dichloroethane
Concen: 127.589 ug/l
RT: 6.381 min Scan# 747
Delta R.T. 0.000 min
Lab File: VN072633.D
Acq: 26 May 2022 15:56

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tgt Ion: 63 Resp: 543714
Ion Ratio Lower Upper
63 100
98 5.7 3.2 9.6
100 3.7 2.1 6.2

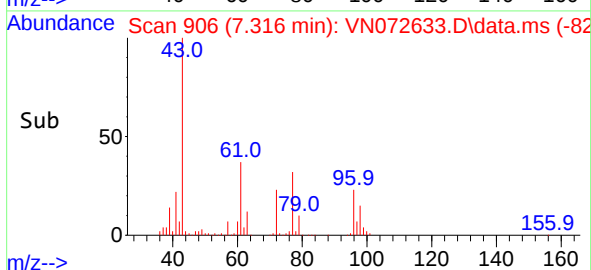
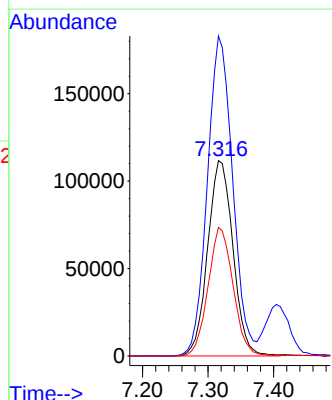
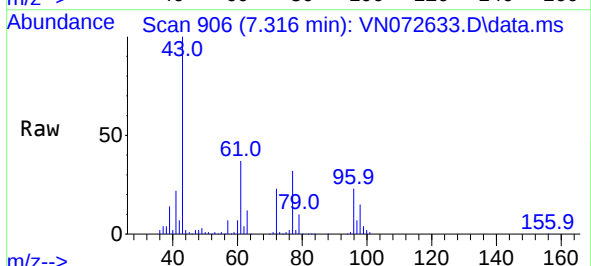
Manual Integrations
APPROVED

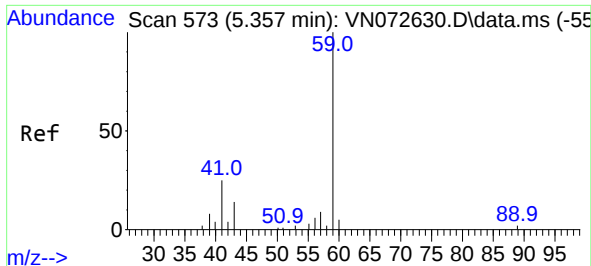
Reviewed By :John Carlone 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022



#22
cis-1,2-Dichloroethene
Concen: 121.156 ug/l
RT: 7.316 min Scan# 906
Delta R.T. -0.006 min
Lab File: VN072633.D
Acq: 26 May 2022 15:56

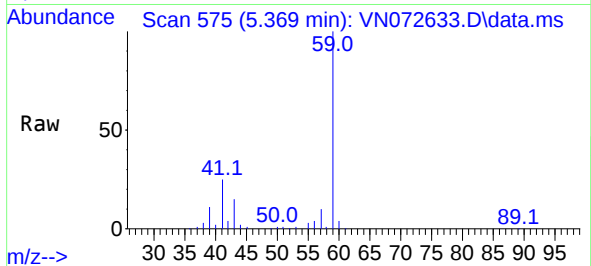
Tgt Ion: 96 Resp: 299798
Ion Ratio Lower Upper
96 100
61 164.0 115.7 173.5
98 64.9 51.6 77.4





#23
tert-Butyl Alcohol
Concen: 639.425 ug/l
RT: 5.369 min Scan# 51
Delta R.T. 0.012 min
Lab File: VN072633.D
Acq: 26 May 2022 15:56

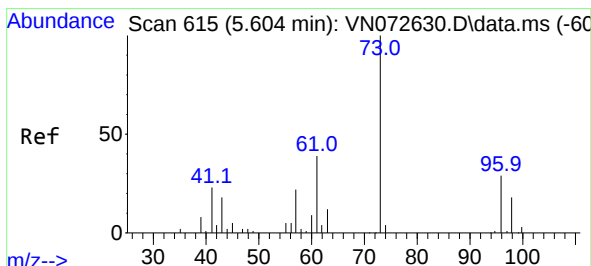
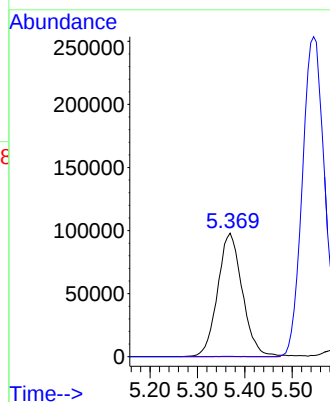
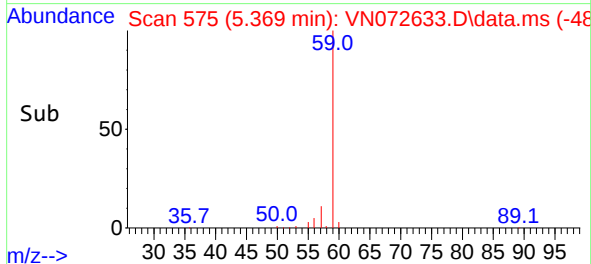
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



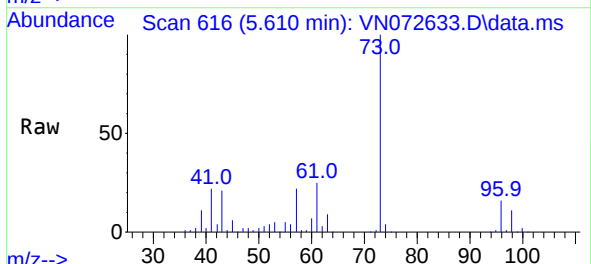
Tgt Ion: 59 Resp: 35426
Ion Ratio Lower Upper
59 100
52 0.2 0.0 0.0

Manual Integrations
APPROVED

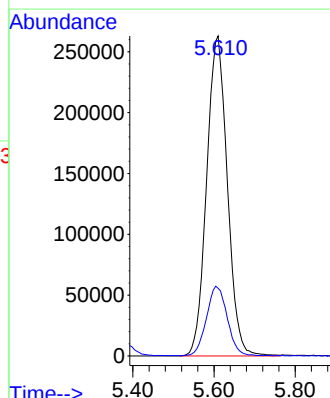
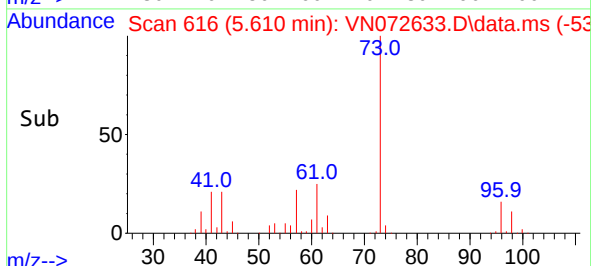
Reviewed By :John Carlone 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022

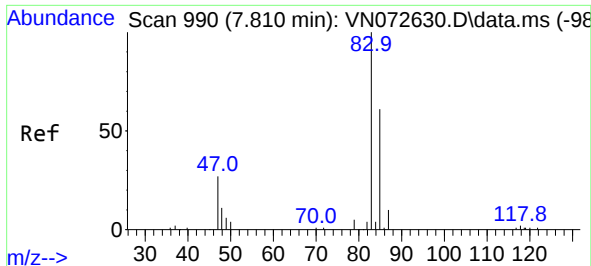


#24
Methyl tert-Butyl Ether
Concen: 121.898 ug/l
RT: 5.610 min Scan# 616
Delta R.T. 0.006 min
Lab File: VN072633.D
Acq: 26 May 2022 15:56



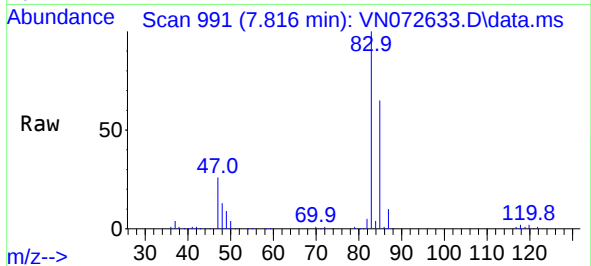
Tgt Ion: 73 Resp: 930075
Ion Ratio Lower Upper
73 100
43 21.7 18.1 27.1





#25
Chloroform
Concen: 149.344 ug/l
RT: 7.816 min Scan# 991
Delta R.T. 0.006 min
Lab File: VN072633.D
Acq: 26 May 2022 15:56

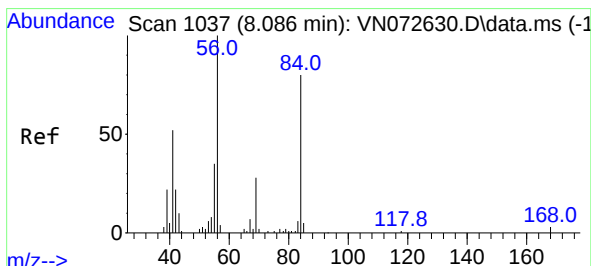
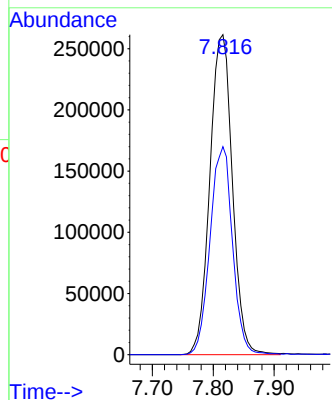
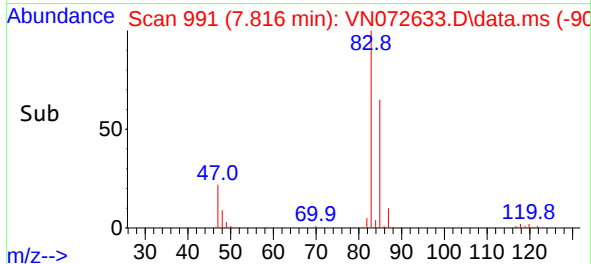
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



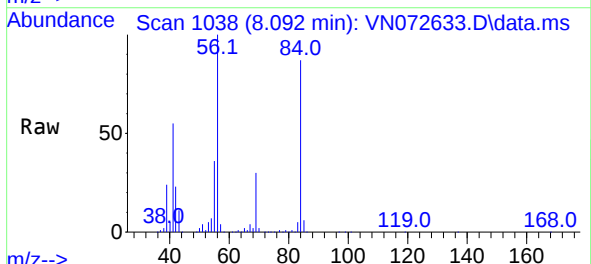
Tgt Ion: 83 Resp: 672514
Ion Ratio Lower Upper
83 100
85 65.0 51.3 76.9

Manual Integrations
APPROVED

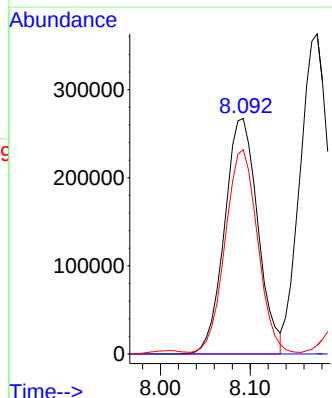
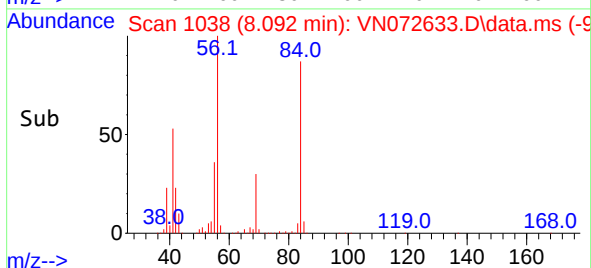
Reviewed By :John Carlone 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022

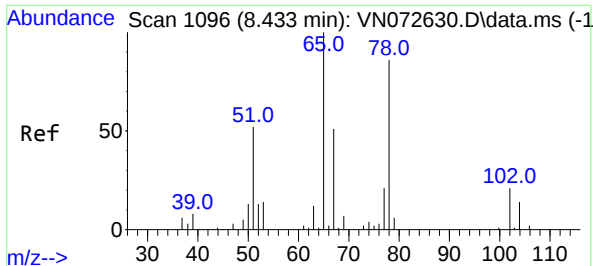


#26
Cyclohexane
Concen: 195.578 ug/l
RT: 8.092 min Scan# 1038
Delta R.T. 0.006 min
Lab File: VN072633.D
Acq: 26 May 2022 15:56



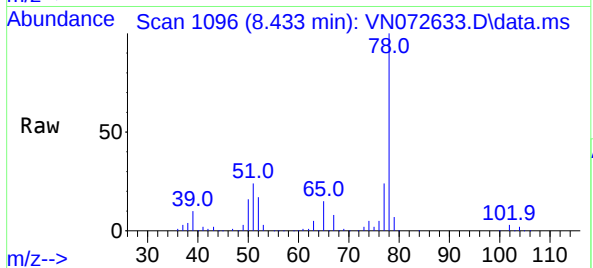
Tgt Ion: 56 Resp: 689924
Ion Ratio Lower Upper
56 100
89 0.0 0.1 0.1#
84 85.1 74.6 111.8





#27
1,2-Dichloroethane-d4
Concen: 28.042 ug/l
RT: 8.433 min Scan# 1096
Delta R.T. 0.000 min
Lab File: VN072633.D
Acq: 26 May 2022 15:56

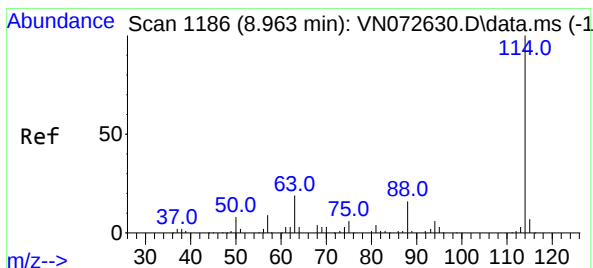
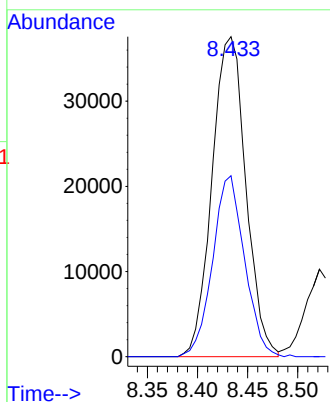
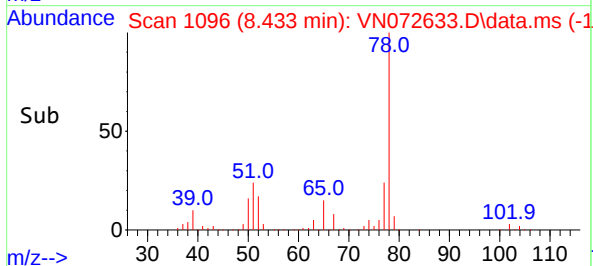
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



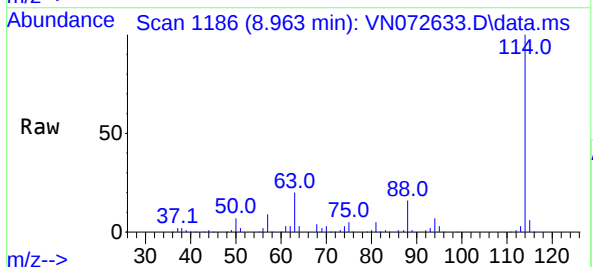
Tgt Ion: 65 Resp: 8833
Ion Ratio Lower Upper
65 100
67 53.2 40.2 60.2

Manual Integrations
APPROVED

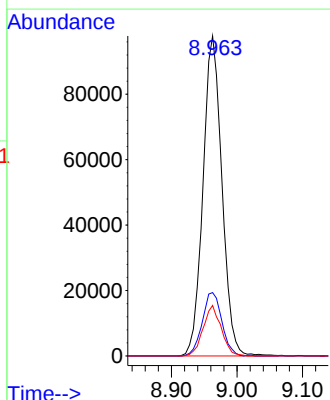
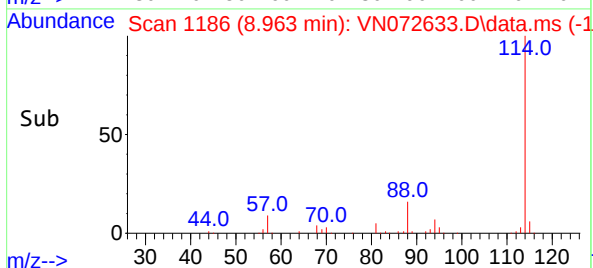
Reviewed By :John Carlone 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022

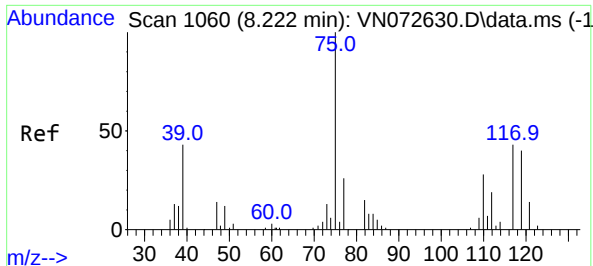


#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. 0.000 min
Lab File: VN072633.D
Acq: 26 May 2022 15:56



Tgt Ion:114 Resp: 196724
Ion Ratio Lower Upper
114 100
63 20.5 15.8 23.6
88 15.1 11.6 17.4





#29
1,1-Dichloropropene
Concen: 136.812 ug/l
RT: 8.216 min Scan# 1059
Delta R.T. -0.006 min
Lab File: VN072633.D
Acq: 26 May 2022 15:56

Instrument :

MSVOA_N

ClientSampleId :

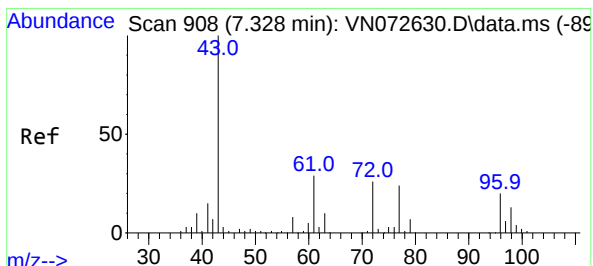
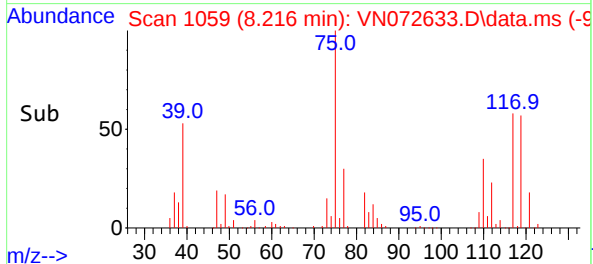
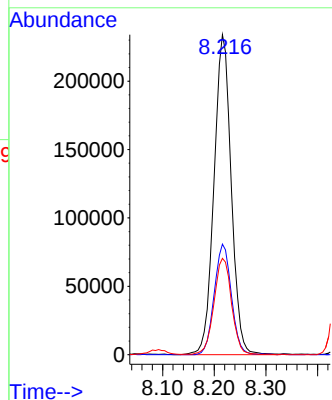
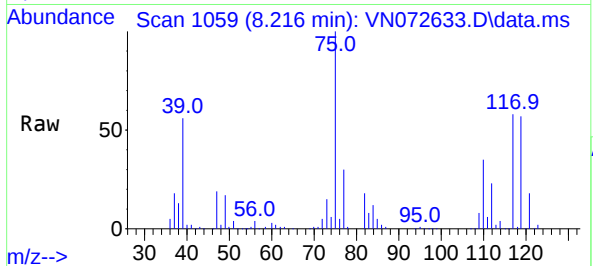
VSTDIC150

Tgt Ion: 75 Resp: 54239
Ion Ratio Lower Upper
75 100
110 34.2 0.0 74.2
77 30.7 0.0 63.2

Manual Integrations

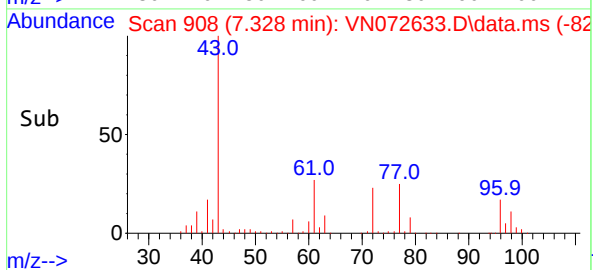
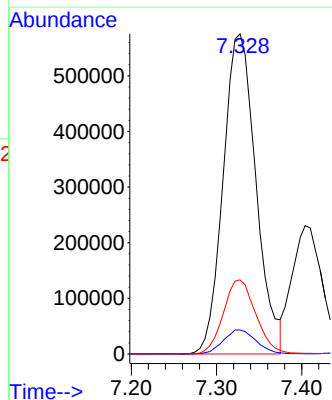
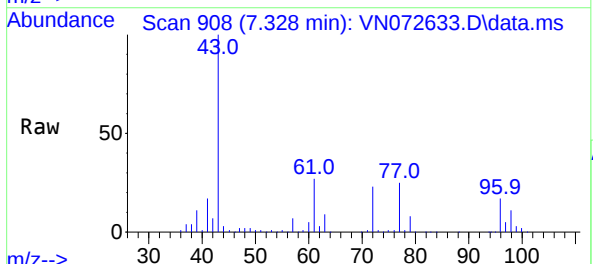
APPROVED

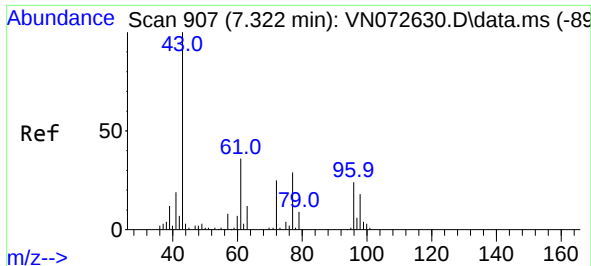
Reviewed By :John Carlone 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022



#30
2-Butanone
Concen: 646.645 ug/l
RT: 7.328 min Scan# 908
Delta R.T. 0.000 min
Lab File: VN072633.D
Acq: 26 May 2022 15:56

Tgt Ion: 43 Resp: 1539117
Ion Ratio Lower Upper
43 100
57 7.5 6.7 10.1
72 23.0 23.2 34.8#





#31

2,2-Dichloropropane

Concen: 96.390 ug/l

RT: 7.316 min Scan# 907

Delta R.T. -0.006 min

Lab File: VN072633.D

Acq: 26 May 2022 15:56

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC150

Tgt Ion: 77 Resp: 461160

Ion Ratio Lower Upper

77 100

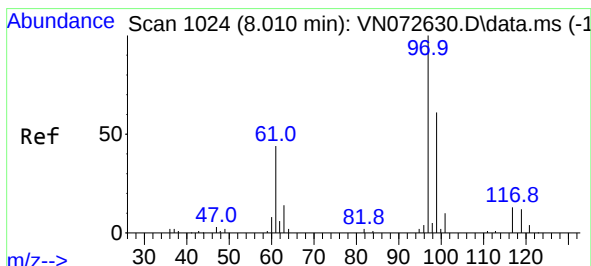
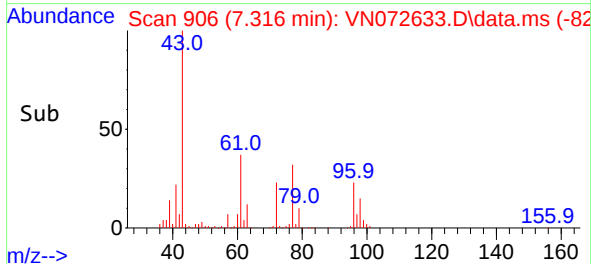
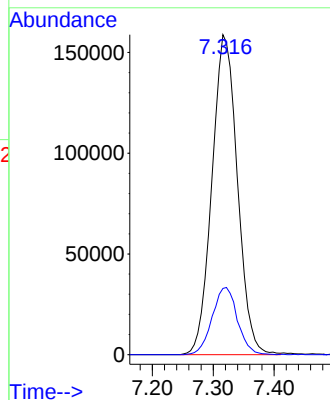
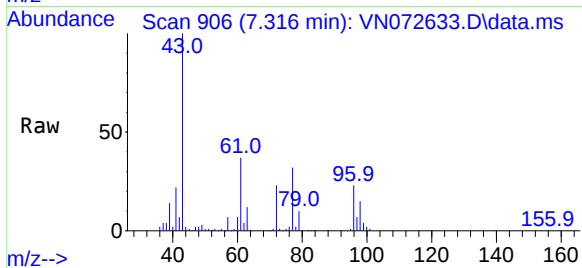
97 20.8 18.3 27.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/27/2022

Supervised By :Mahesh Dadoda 05/27/2022



#32

1,1,1-Trichloroethane

Concen: 116.900 ug/l

RT: 8.010 min Scan# 1024

Delta R.T. 0.000 min

Lab File: VN072633.D

Acq: 26 May 2022 15:56

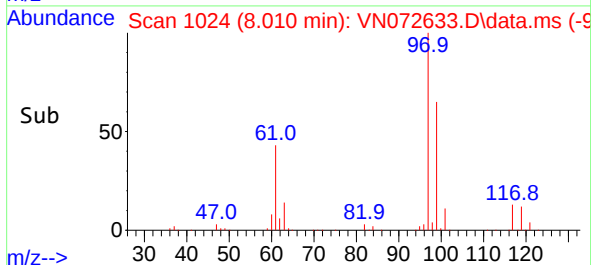
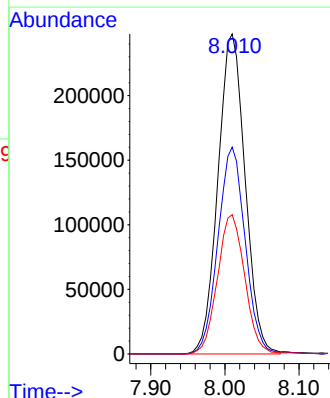
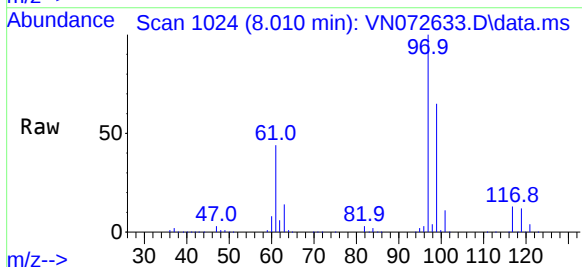
Tgt Ion: 97 Resp: 631730

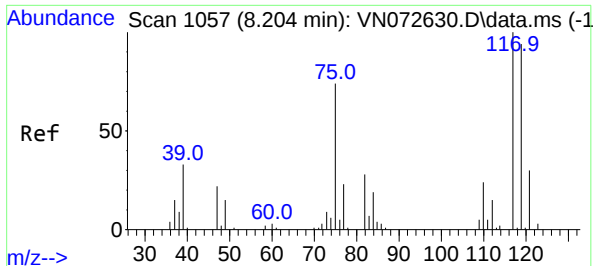
Ion Ratio Lower Upper

97 100

99 64.6 50.4 75.6

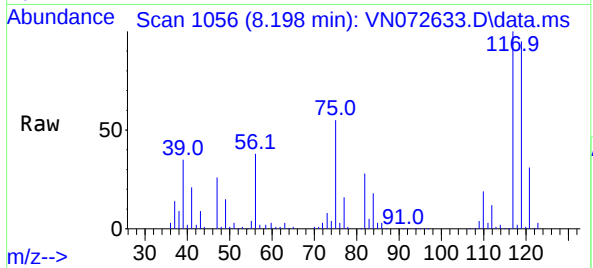
61 43.6 34.6 51.8





#33
Carbon Tetrachloride
Concen: 110.032 ug/l
RT: 8.198 min Scan# 1100
Delta R.T. -0.006 min
Lab File: VN072633.D
Acq: 26 May 2022 15:56

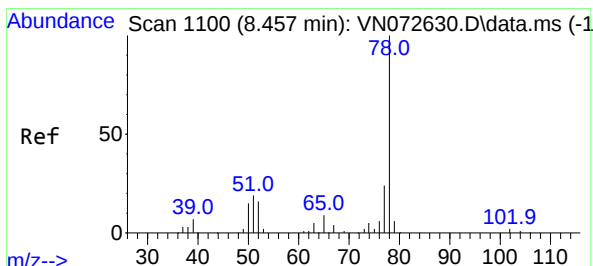
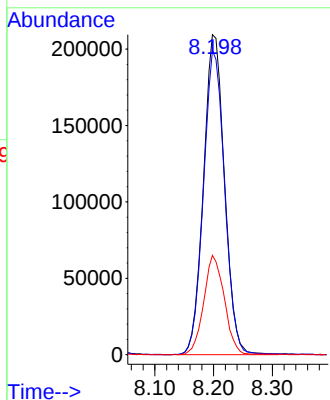
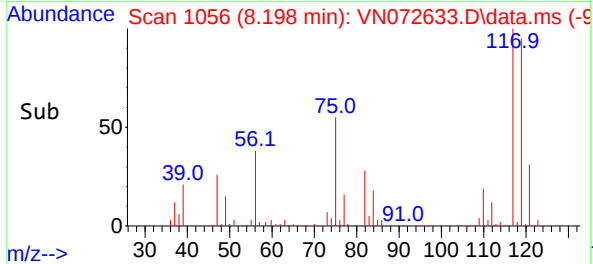
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



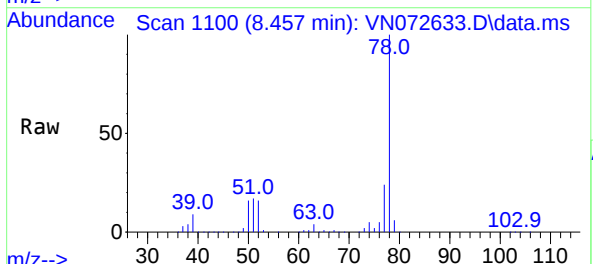
Tgt Ion:117 Resp: 52238
Ion Ratio Lower Upper
117 100
119 95.0 77.5 116.3
121 31.0 23.5 35.3

Manual Integrations
APPROVED

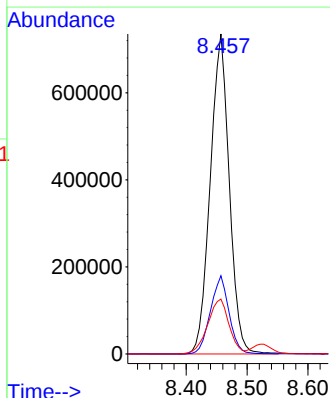
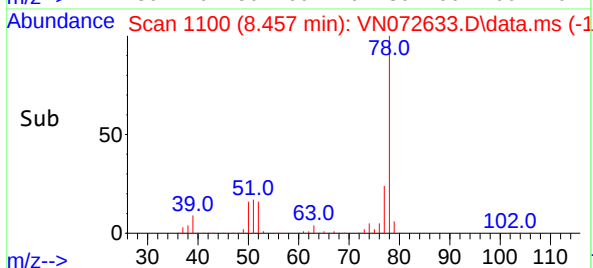
Reviewed By :John Carlone 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022

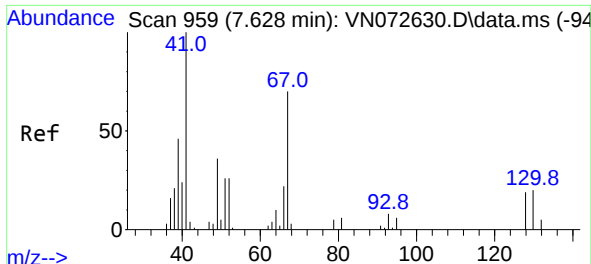


#34
Benzene
Concen: 138.866 ug/l
RT: 8.457 min Scan# 1100
Delta R.T. 0.000 min
Lab File: VN072633.D
Acq: 26 May 2022 15:56



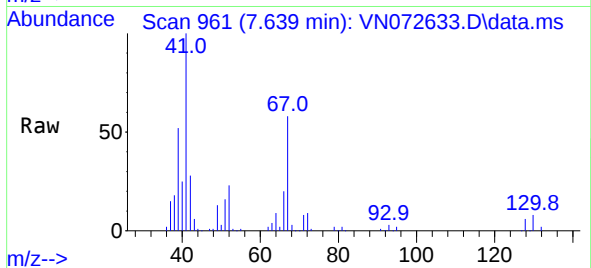
Tgt Ion: 78 Resp: 1592966
Ion Ratio Lower Upper
78 100
77 24.4 19.1 28.7
51 17.1 16.0 24.0





#35
Methacrylonitrile
Concen: 159.207 ug/l m
RT: 7.639 min Scan# 961
Delta R.T. 0.012 min
Lab File: VN072633.D
Acq: 26 May 2022 15:56

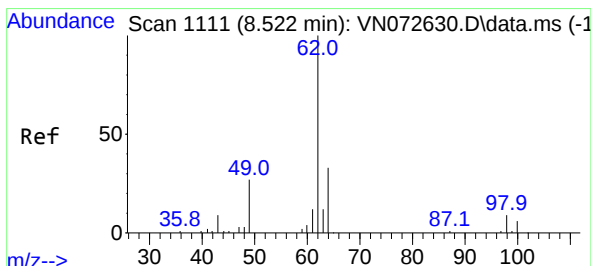
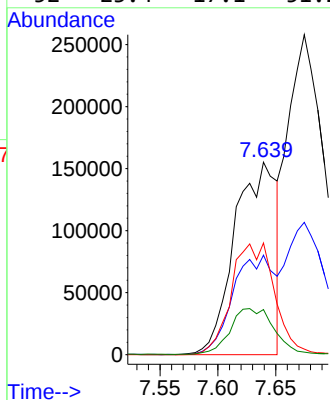
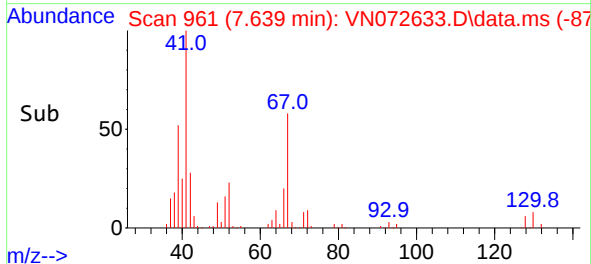
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



Tgt Ion: 41 Resp: 390333
Ion Ratio Lower Upper
41 100
39 51.7 28.0 83.9
67 58.0 37.7 113.1
52 23.4 17.1 51.2

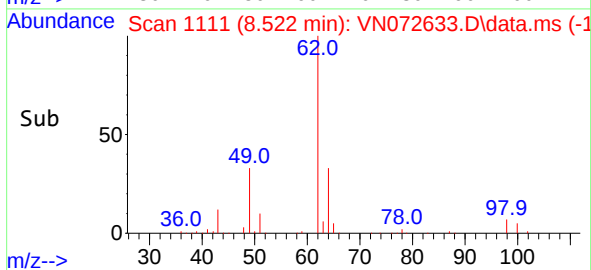
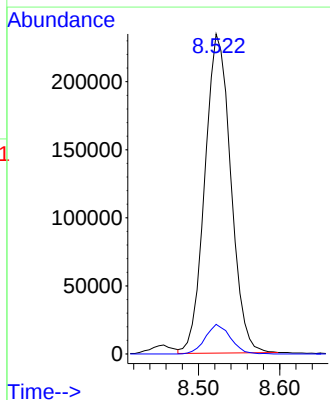
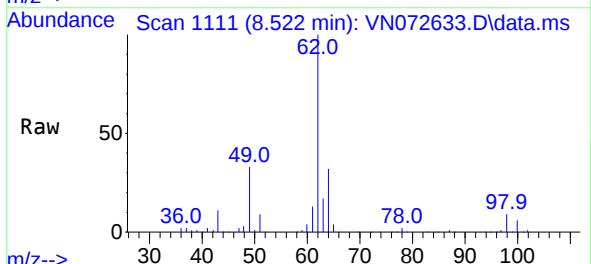
Manual Integrations
APPROVED

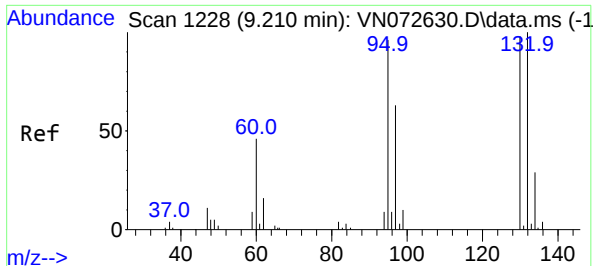
Reviewed By :John Carlone 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022



#36
1,2-Dichloroethane
Concen: 104.975 ug/l
RT: 8.522 min Scan# 1111
Delta R.T. 0.000 min
Lab File: VN072633.D
Acq: 26 May 2022 15:56

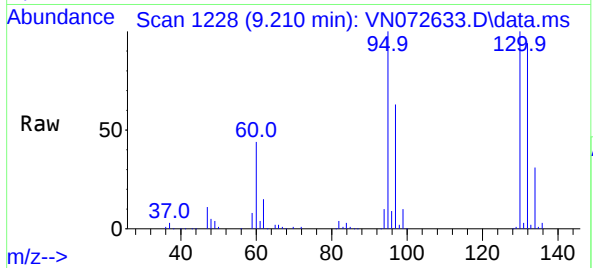
Tgt Ion: 62 Resp: 521003
Ion Ratio Lower Upper
62 100
98 9.0 6.6 10.0





#37
Trichloroethene
Concen: 137.200 ug/l
RT: 9.210 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VN072633.D
Acq: 26 May 2022 15:56

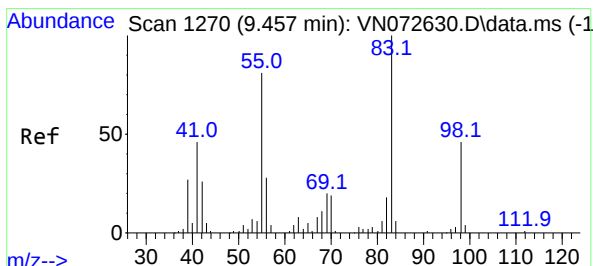
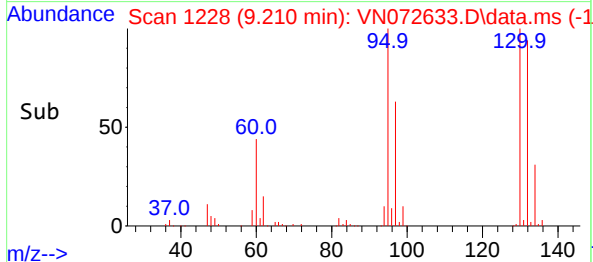
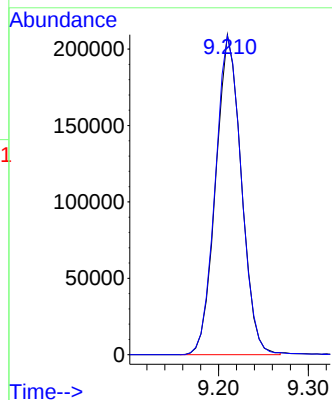
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



Tgt Ion:130 Resp: 414470
Ion Ratio Lower Upper
130 100
95 99.7 76.6 115.0

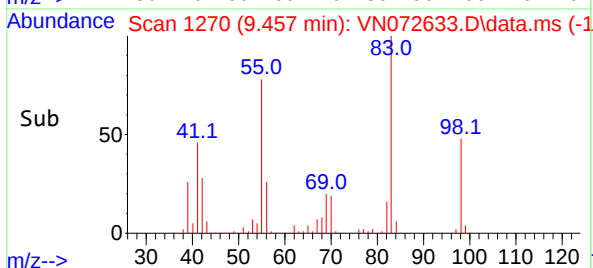
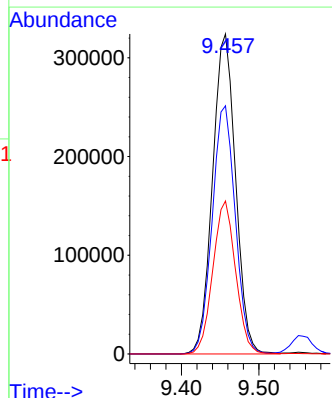
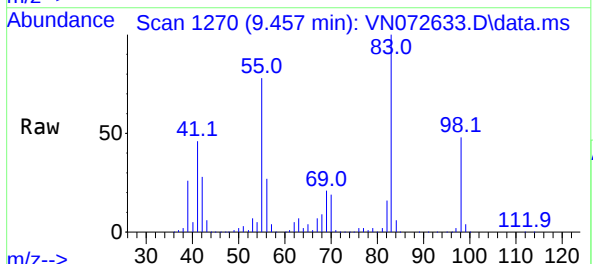
Manual Integrations
APPROVED

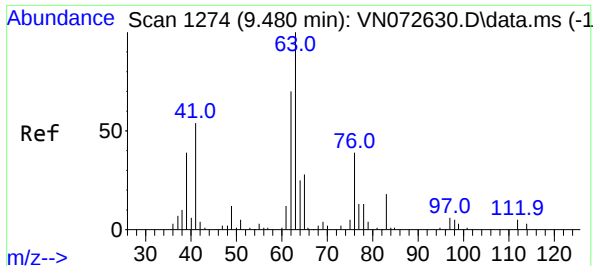
Reviewed By :John Carlone 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022



#38
Methylcyclohexane
Concen: 145.296 ug/l
RT: 9.457 min Scan# 1270
Delta R.T. 0.000 min
Lab File: VN072633.D
Acq: 26 May 2022 15:56

Tgt Ion: 83 Resp: 669589
Ion Ratio Lower Upper
83 100
55 77.9 35.1 105.3
98 47.3 23.4 70.2





#39

1,2-Dichloropropane

Concen: 150.899 ug/l

RT: 9.486 min Scan# 1274

Delta R.T. 0.006 min

Lab File: VN072633.D

Acq: 26 May 2022 15:56

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

Tgt Ion: 63 Resp: 439774

Ion Ratio Lower Upper

63 100

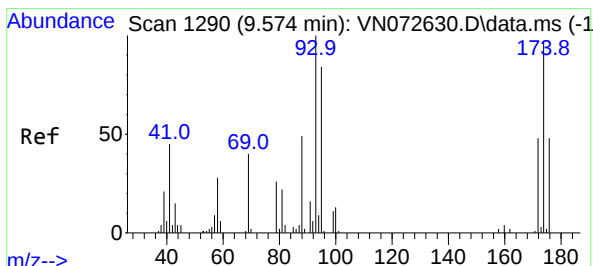
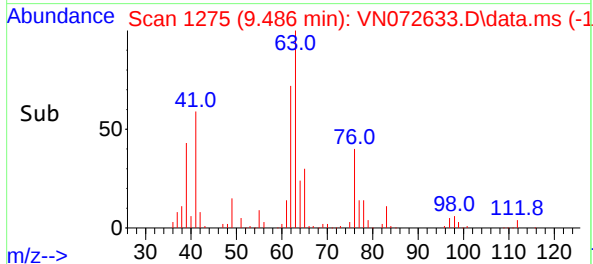
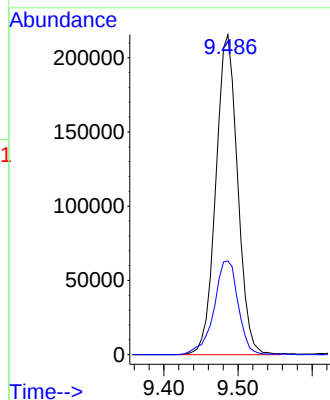
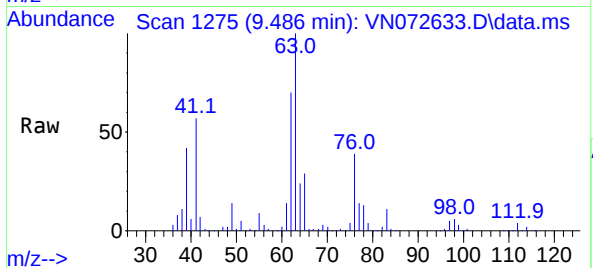
65 29.2 24.2 36.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/27/2022

Supervised By :Mahesh Dadoda 05/27/2022



#40

Dibromomethane

Concen: 124.511 ug/l

RT: 9.574 min Scan# 1290

Delta R.T. 0.000 min

Lab File: VN072633.D

Acq: 26 May 2022 15:56

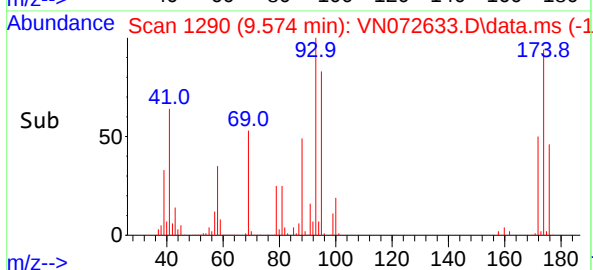
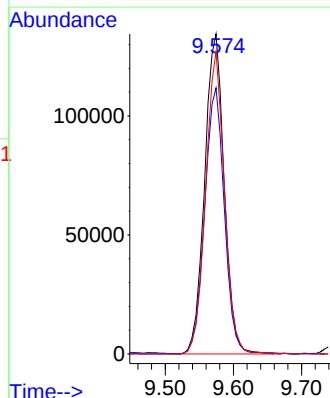
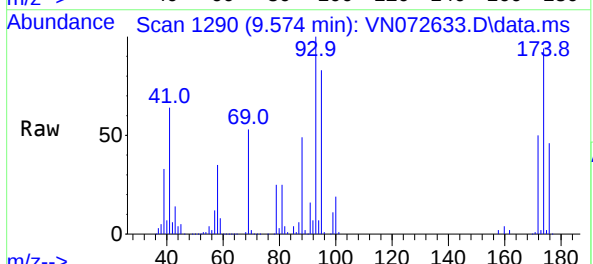
Tgt Ion: 93 Resp: 268616

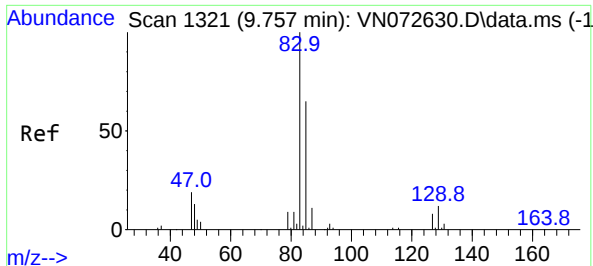
Ion Ratio Lower Upper

93 100

95 83.1 0.0 168.8

174 90.8 0.0 173.6





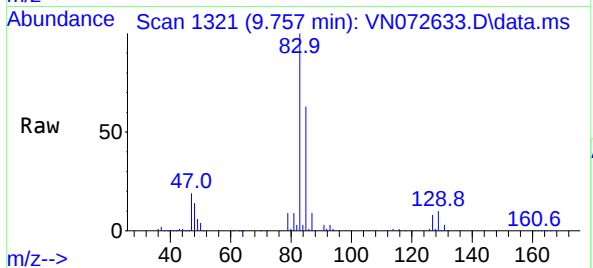
#41
Bromodichloromethane
Concen: 124.423 ug/l
RT: 9.757 min Scan# 1321
Delta R.T. 0.000 min
Lab File: VN072633.D
Acq: 26 May 2022 15:56

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC150

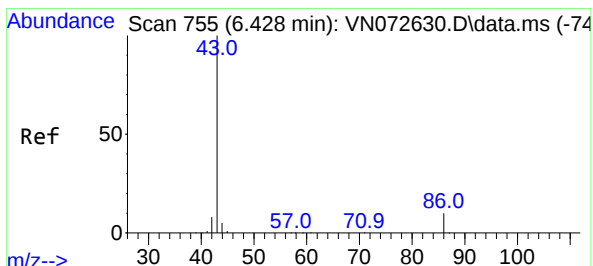
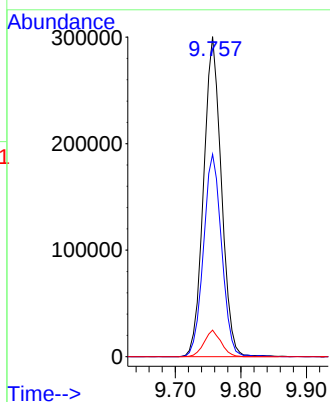
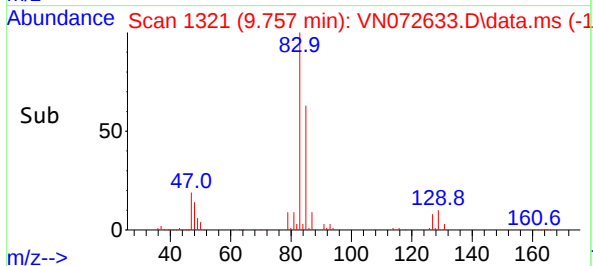


Tgt Ion: 83 Resp: 565740
Ion Ratio Lower Upper
83 100
85 63.2 54.1 81.1
127 8.3 7.6 11.4

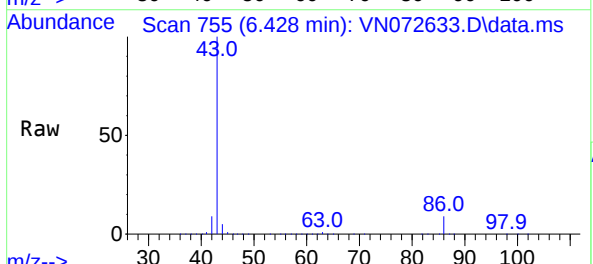
Manual Integrations

APPROVED

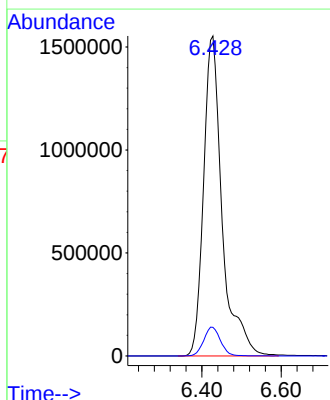
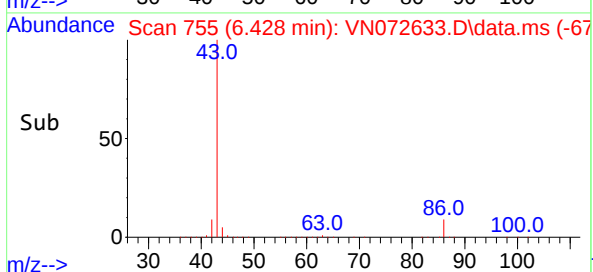
Reviewed By :John Carlone 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022

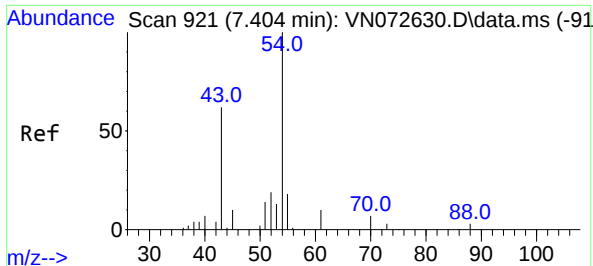


#42
Vinyl Acetate
Concen: 638.574 ug/l
RT: 6.428 min Scan# 755
Delta R.T. 0.000 min
Lab File: VN072633.D
Acq: 26 May 2022 15:56



Tgt Ion: 43 Resp: 5053009
Ion Ratio Lower Upper
43 100
86 8.1 7.5 11.3





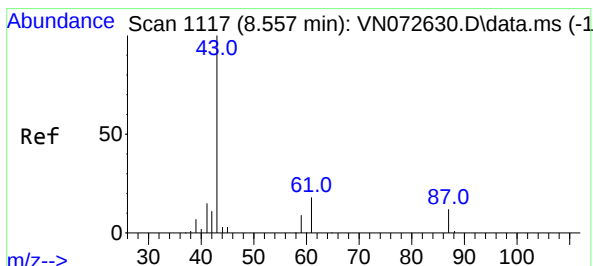
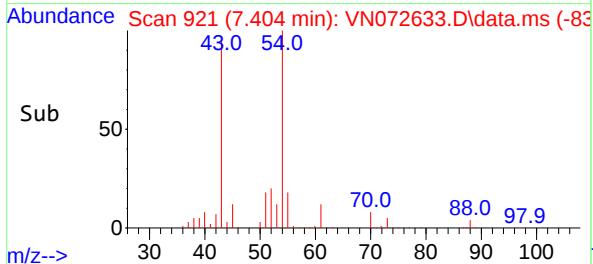
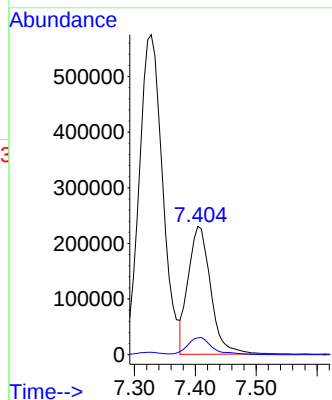
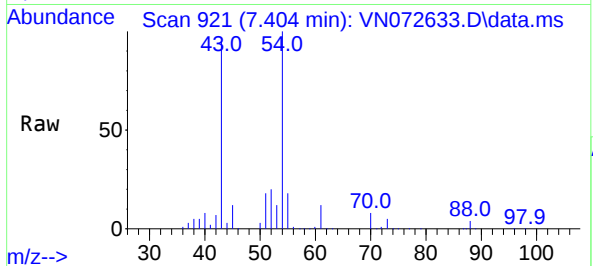
#43
Ethyl Acetate
Concen: 127.085 ug/l
RT: 7.404 min Scan# 911
Delta R.T. 0.000 min
Lab File: VN072633.D
Acq: 26 May 2022 15:56

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

Tgt Ion: 43 Resp: 586610
Ion Ratio Lower Upper
43 100
45 14.7 10.6 16.0

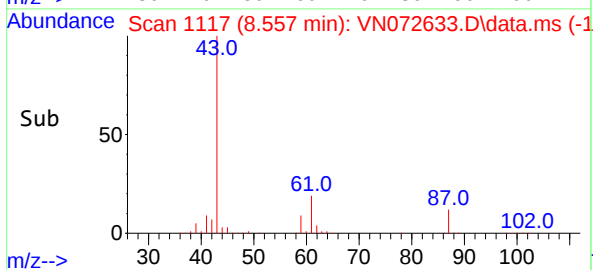
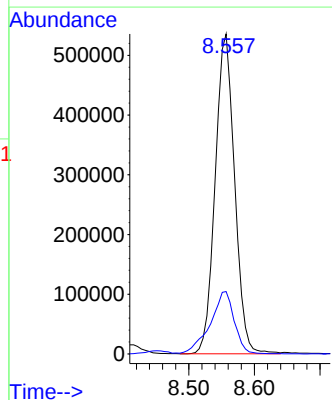
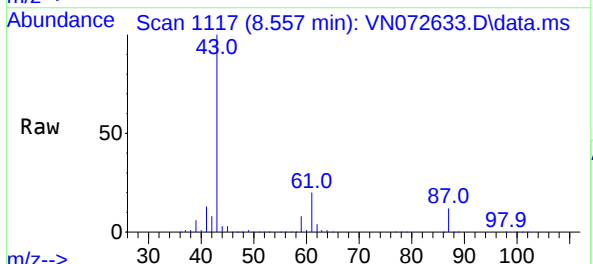
Manual Integrations
APPROVED

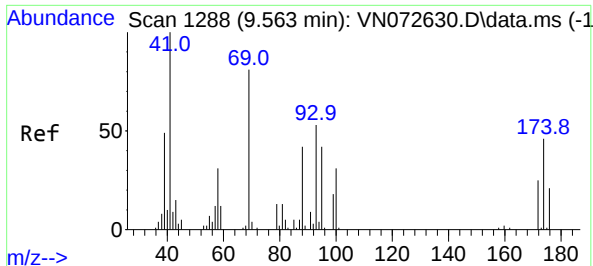
Reviewed By :John Carlone 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022



#44
Isopropyl Acetate
Concen: 150.803 ug/l
RT: 8.557 min Scan# 1117
Delta R.T. 0.000 min
Lab File: VN072633.D
Acq: 26 May 2022 15:56

Tgt Ion: 43 Resp: 1100977
Ion Ratio Lower Upper
43 100
61 24.3 20.1 30.1





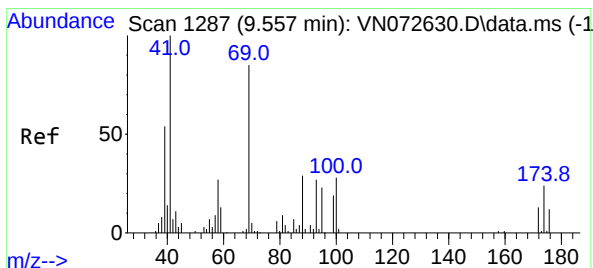
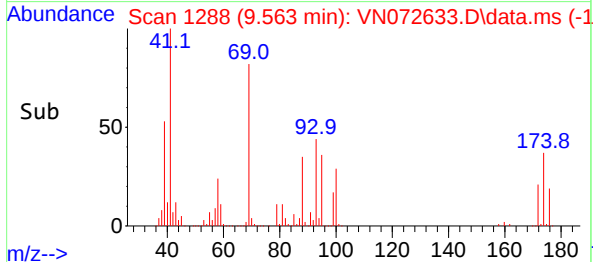
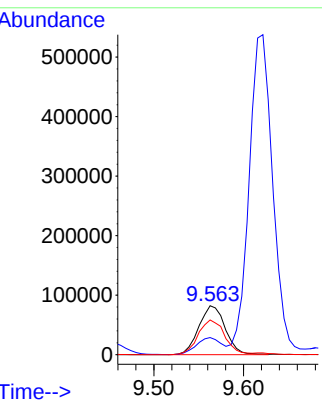
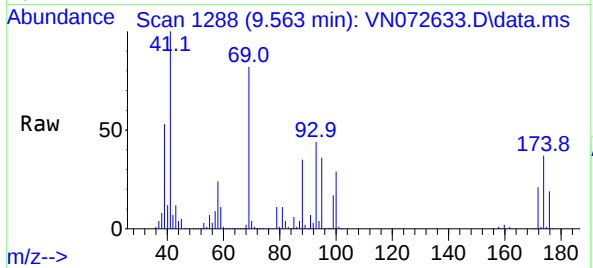
#45
1,4-Dioxane
Concen: 2489.986 ug/l
RT: 9.563 min Scan# 1288
Delta R.T. 0.000 min
Lab File: VN072633.D
Acq: 26 May 2022 15:56

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tgt Ion: 88 Resp: 168262
Ion Ratio Lower Upper
88 100
43 32.8 25.0 37.6
58 71.9 49.4 74.2

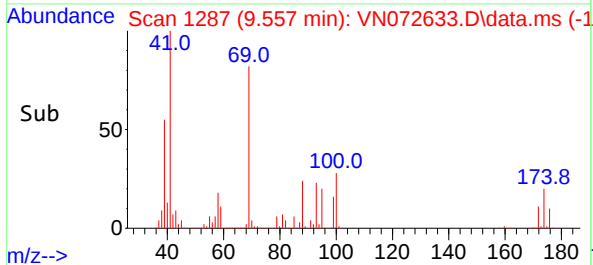
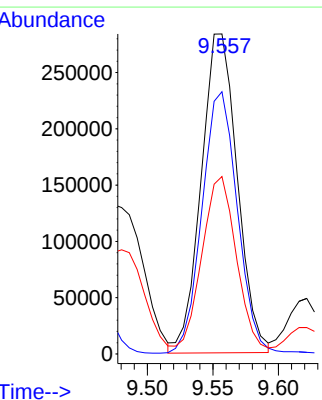
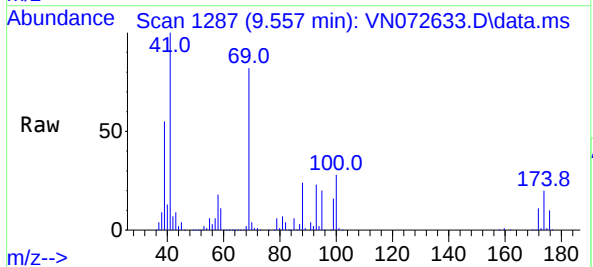
Manual Integrations
APPROVED

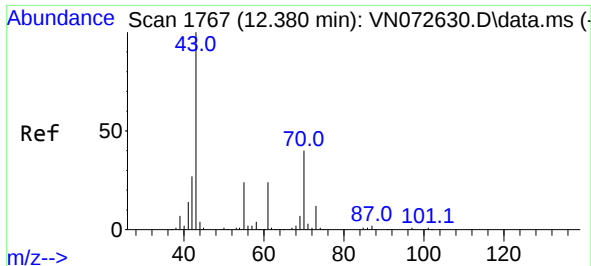
Reviewed By :John Carlone 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022



#46
Methyl methacrylate
Concen: 156.806 ug/l
RT: 9.557 min Scan# 1287
Delta R.T. 0.000 min
Lab File: VN072633.D
Acq: 26 May 2022 15:56

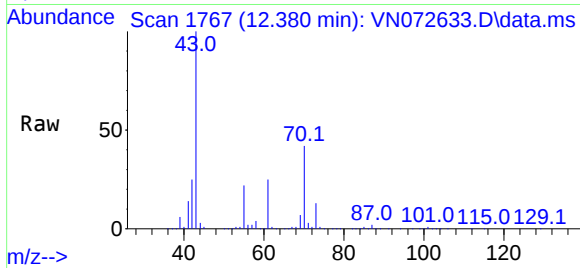
Tgt Ion: 41 Resp: 542573
Ion Ratio Lower Upper
41 100
69 84.4 44.4 133.2
39 55.4 39.9 119.6





#47
n-amy1 Acetate
Concen: 170.885 ug/l
RT: 12.380 min Scan# 1767
Delta R.T. 0.000 min
Lab File: VN072633.D
Acq: 26 May 2022 15:56

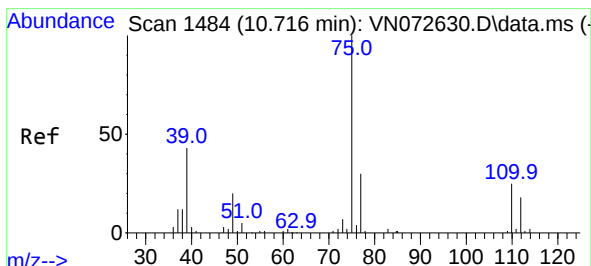
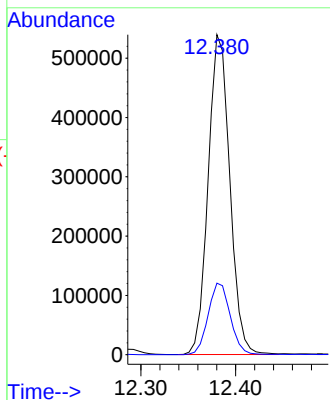
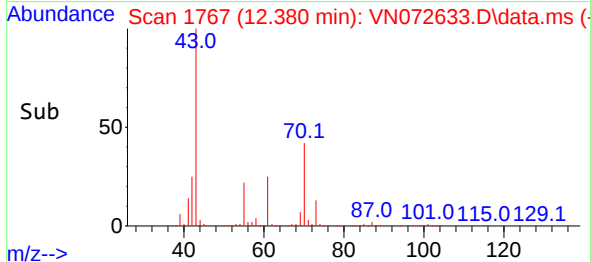
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



Tgt Ion: 43 Resp: 856288
Ion Ratio Lower Upper
43 100
55 22.9 19.0 28.6

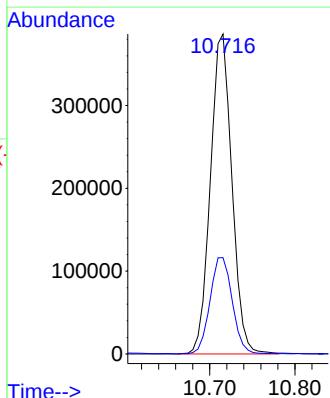
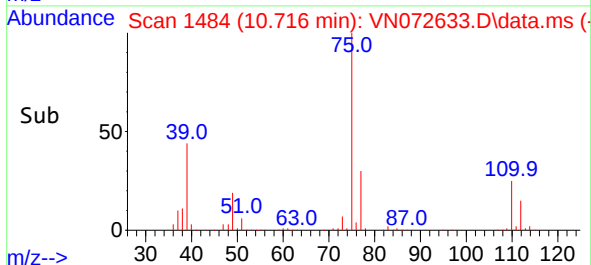
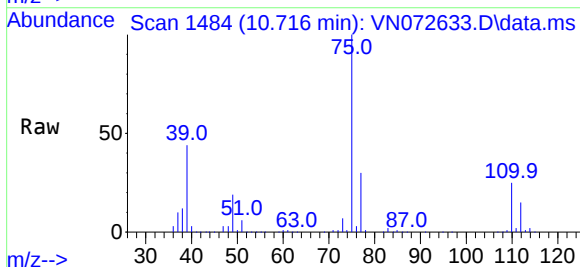
Manual Integrations
APPROVED

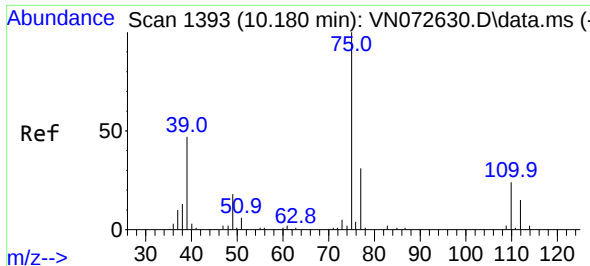
Reviewed By :John Carlone 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022



#48
t-1,3-Dichloropropene
Concen: 140.720 ug/l
RT: 10.716 min Scan# 1484
Delta R.T. 0.000 min
Lab File: VN072633.D
Acq: 26 May 2022 15:56

Tgt Ion: 75 Resp: 678235
Ion Ratio Lower Upper
75 100
77 30.1 25.3 37.9





#49
cis-1,3-Dichloropropene
Concen: 134.153 ug/l
RT: 10.186 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN072633.D
Acq: 26 May 2022 15:56

Instrument :

MSVOA_N

ClientSampleId :

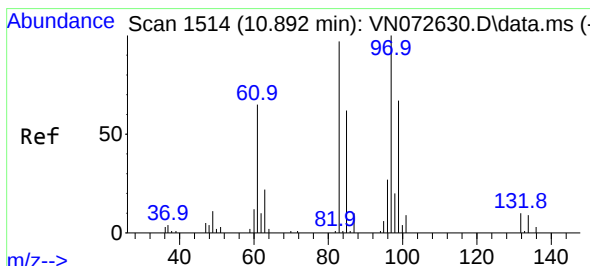
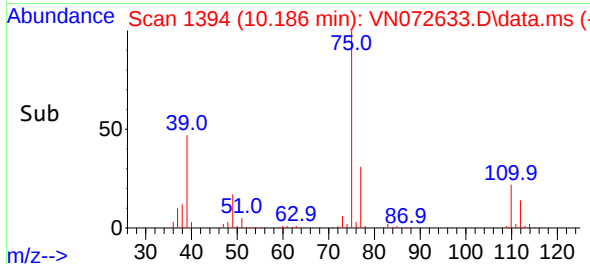
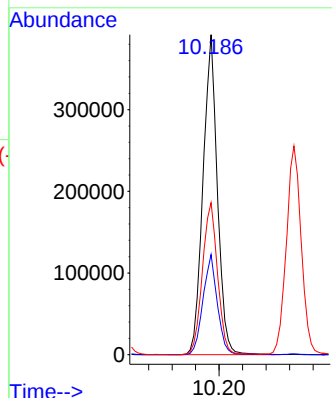
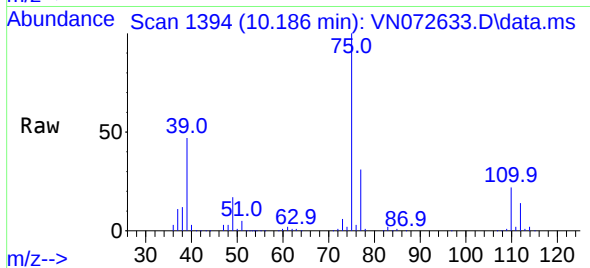
VSTDIC150

Tgt Ion: 75 Resp: 664088
Ion Ratio Lower Upper
75 100
77 31.3 25.3 37.9
39 47.5 46.2 69.4

Manual Integrations

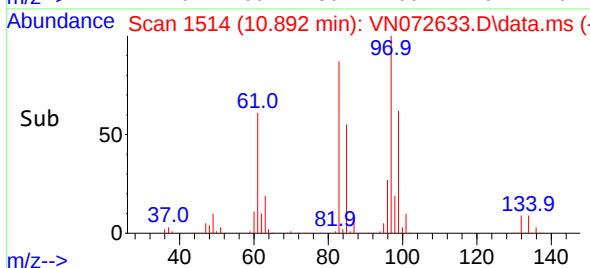
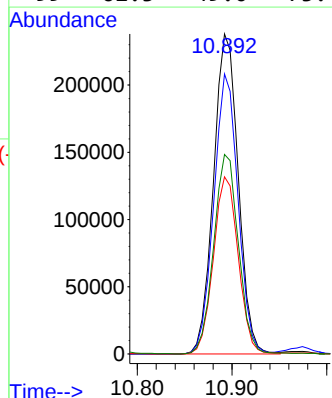
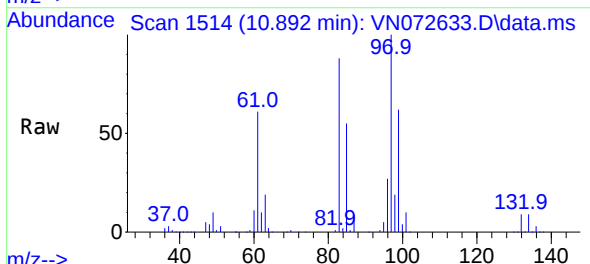
APPROVED

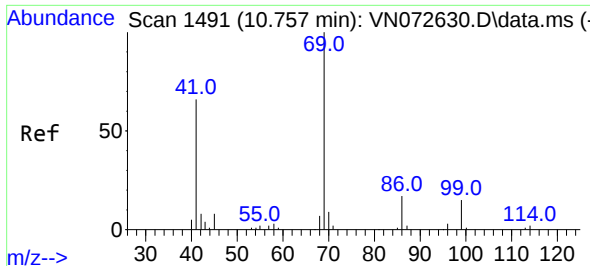
Reviewed By :John Carlone 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022



#50
1,1,2-Trichloroethane
Concen: 141.996 ug/l
RT: 10.892 min Scan# 1514
Delta R.T. 0.000 min
Lab File: VN072633.D
Acq: 26 May 2022 15:56

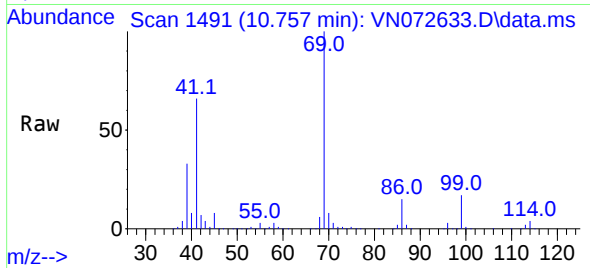
Tgt Ion: 97 Resp: 432237
Ion Ratio Lower Upper
97 100
83 87.5 67.2 100.8
85 55.4 43.0 64.4
99 62.3 49.0 73.4





#51
Ethyl methacrylate
Concen: 158.282 ug/l
RT: 10.757 min Scan# 1491
Delta R.T. 0.000 min
Lab File: VN072633.D
Acq: 26 May 2022 15:56

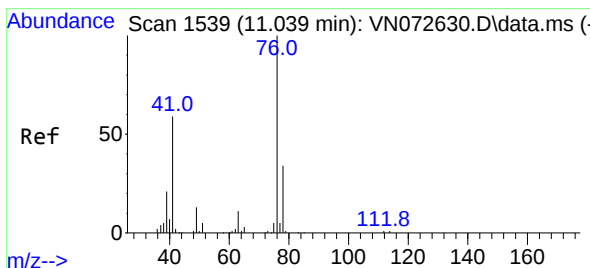
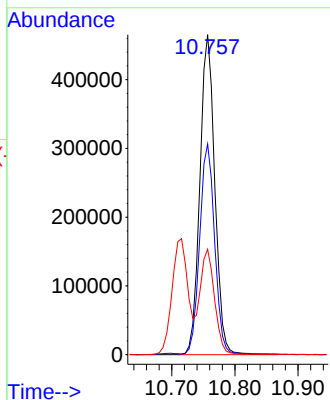
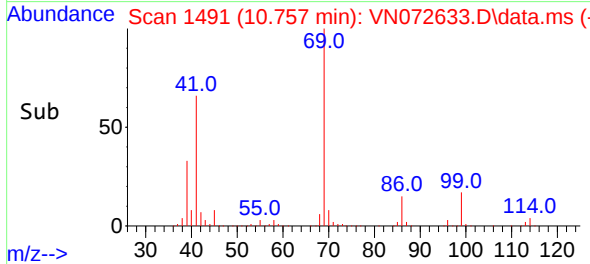
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



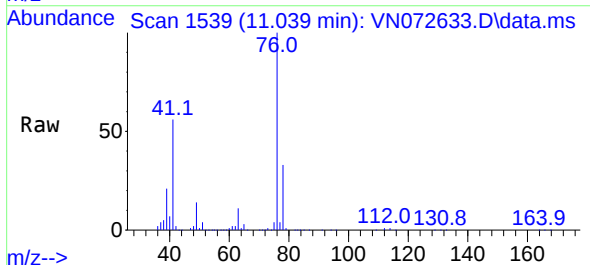
Tgt Ion: 69 Resp: 762608
Ion Ratio Lower Upper
69 100
41 65.7 33.0 98.9
39 32.9 25.4 76.4

Manual Integrations
APPROVED

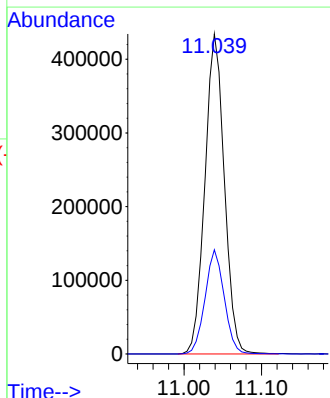
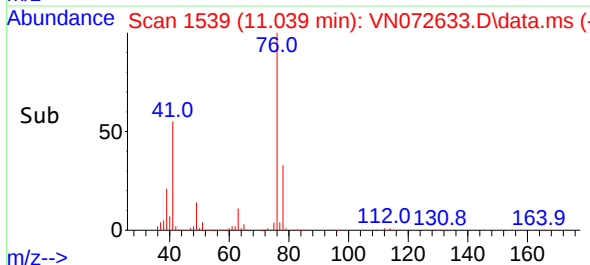
Reviewed By :John Carlone 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022

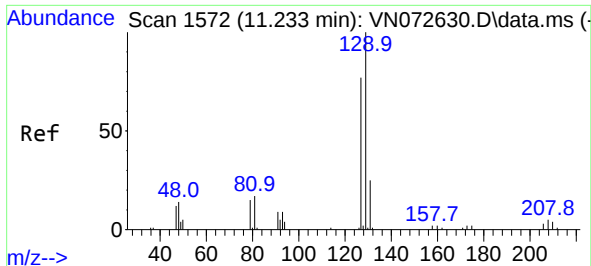


#52
1,3-Dichloropropane
Concen: 143.613 ug/l
RT: 11.039 min Scan# 1539
Delta R.T. 0.000 min
Lab File: VN072633.D
Acq: 26 May 2022 15:56



Tgt Ion: 76 Resp: 756433
Ion Ratio Lower Upper
76 100
78 32.1 0.0 65.4





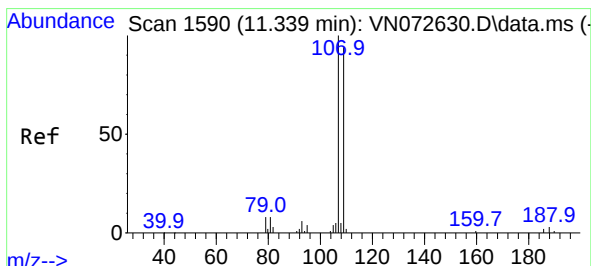
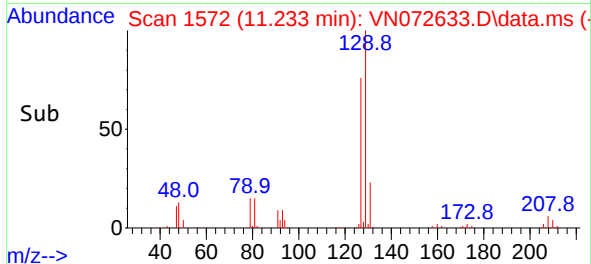
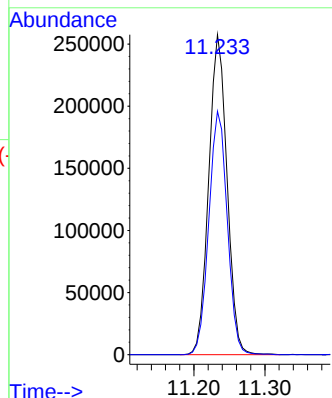
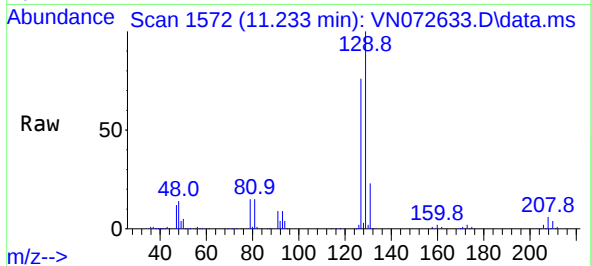
#53
Dibromochloromethane
Concen: 130.452 ug/l
RT: 11.233 min Scan# 1572
Delta R.T. 0.000 min
Lab File: VN072633.D
Acq: 26 May 2022 15:56

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tgt Ion:129 Resp: 461020
Ion Ratio Lower Upper
129 100
127 76.8 39.0 117.0

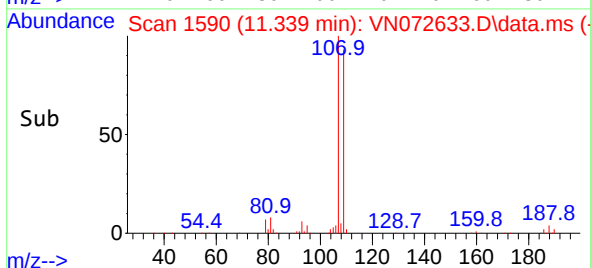
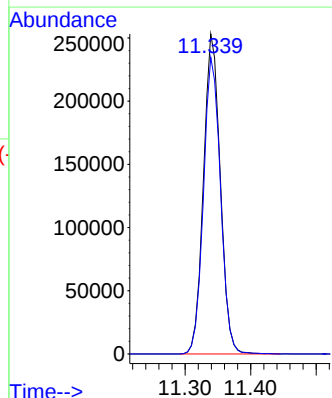
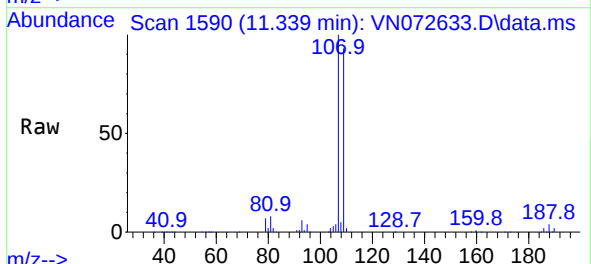
Manual Integrations
APPROVED

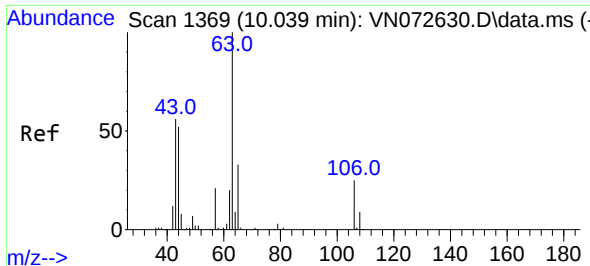
Reviewed By :John Carlone 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022



#54
1,2-Dibromoethane
Concen: 140.058 ug/l
RT: 11.339 min Scan# 1590
Delta R.T. 0.000 min
Lab File: VN072633.D
Acq: 26 May 2022 15:56

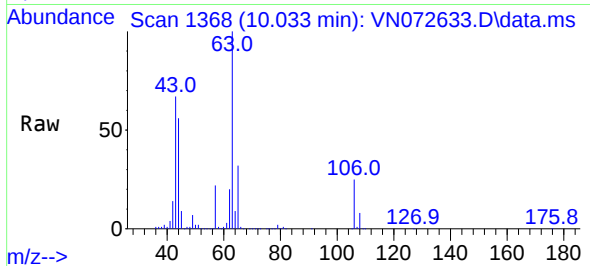
Tgt Ion:107 Resp: 451672
Ion Ratio Lower Upper
107 100
109 94.0 72.8 109.2





#55
2-Chloroethyl vinyl ether
Concen: 1123.438 ug/l
RT: 10.033 min Scan# 1369
Delta R.T. -0.006 min
Lab File: VN072633.D
Acq: 26 May 2022 15:56

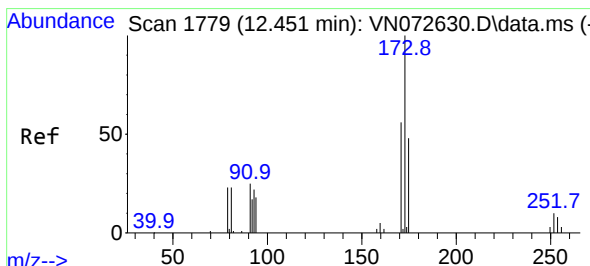
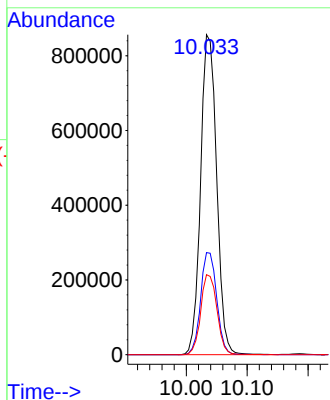
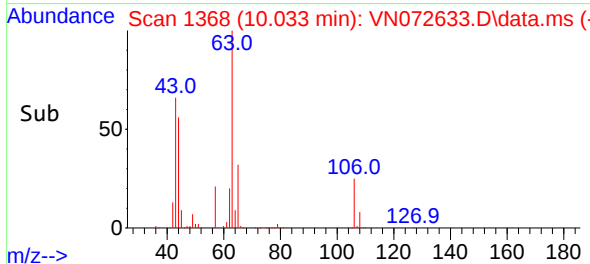
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150



Tgt Ion: 63 Resp: 1566814
Ion Ratio Lower Upper
63 100
65 31.9 25.4 38.0
106 25.2 23.2 34.8

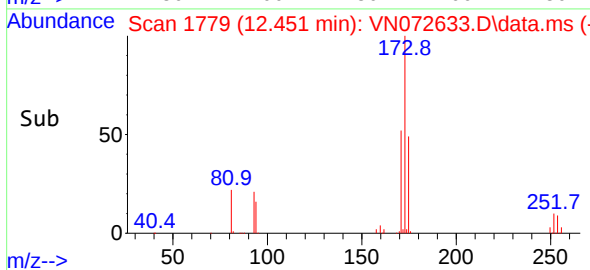
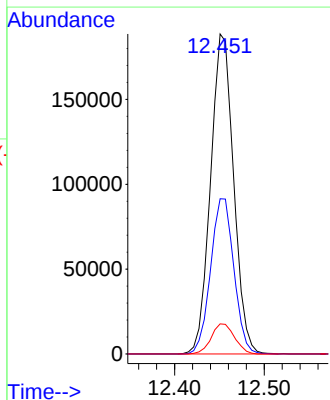
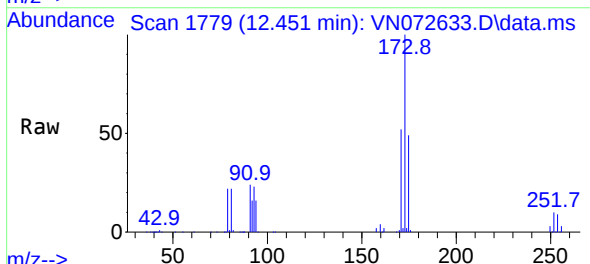
Manual Integrations
APPROVED

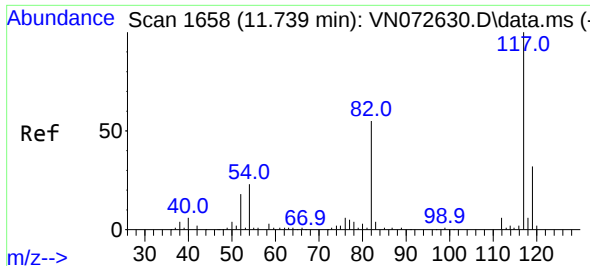
Reviewed By :John Carlone 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022



#56
Bromoform
Concen: 125.366 ug/l
RT: 12.451 min Scan# 1779
Delta R.T. 0.000 min
Lab File: VN072633.D
Acq: 26 May 2022 15:56

Tgt Ion:173 Resp: 336545
Ion Ratio Lower Upper
173 100
175 49.0 38.6 58.0
254 9.5 0.0 0.0#





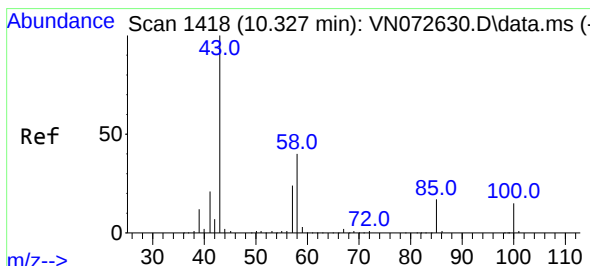
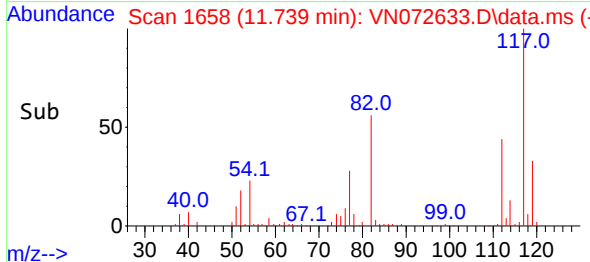
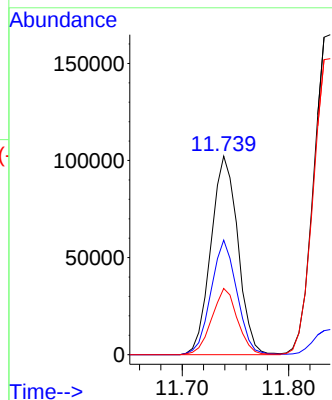
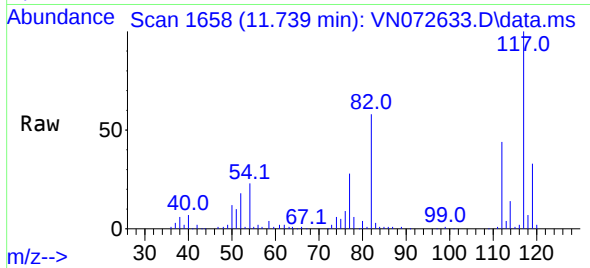
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.739 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN072633.D
Acq: 26 May 2022 15:56

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tgt Ion: 117 Resp: 17988
Ion Ratio Lower Upper
117 100
82 55.5 43.6 65.4
119 31.9 25.8 38.6

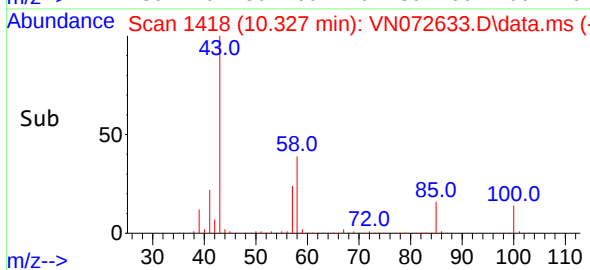
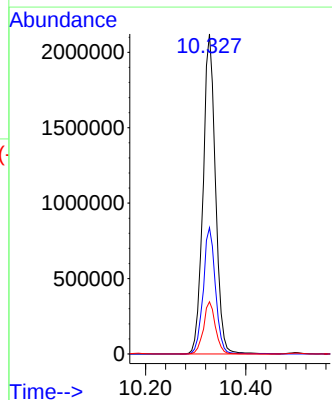
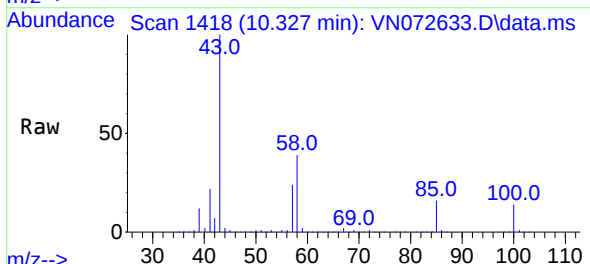
Manual Integrations
APPROVED

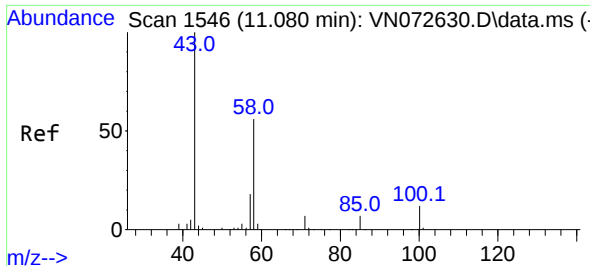
Reviewed By :John Carlone 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022



#58
4-Methyl-2-Pentanone
Concen: 816.570 ug/l
RT: 10.327 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VN072633.D
Acq: 26 May 2022 15:56

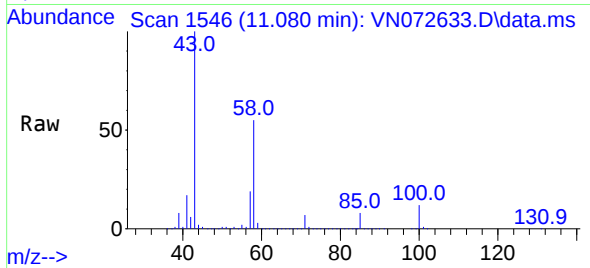
Tgt Ion: 43 Resp: 3650363
Ion Ratio Lower Upper
43 100
58 38.7 30.0 45.0
85 15.8 15.0 22.6





#59
2-Hexanone
Concen: 798.906 ug/l
RT: 11.080 min Scan# 1546
Delta R.T. 0.000 min
Lab File: VN072633.D
Acq: 26 May 2022 15:56

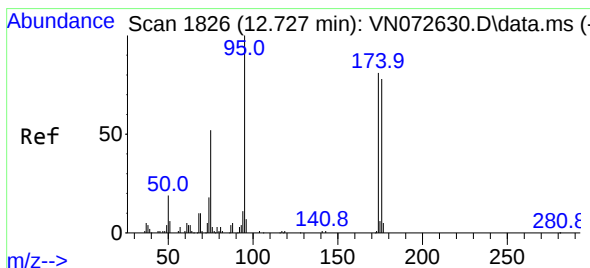
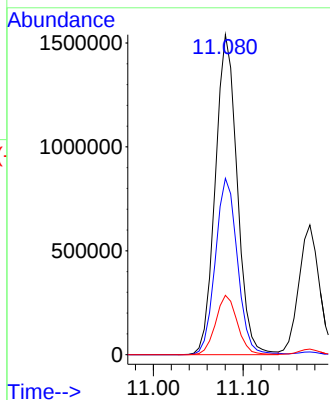
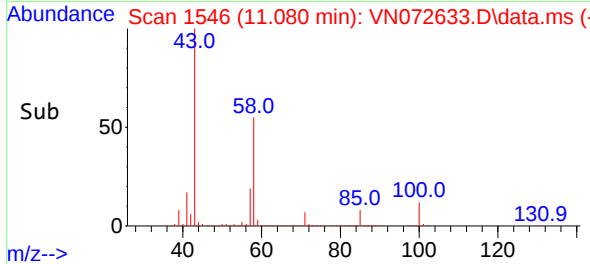
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



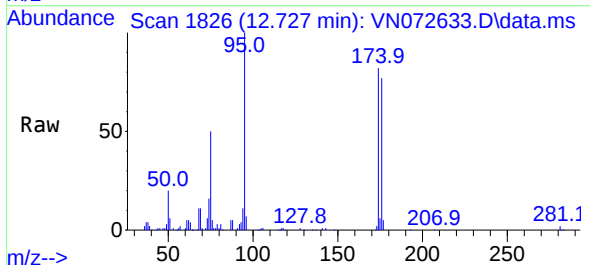
Tgt Ion: 43 Resp: 260629
Ion Ratio Lower Upper
43 100
58 55.7 42.2 63.2
57 18.4 15.0 22.4

Manual Integrations
APPROVED

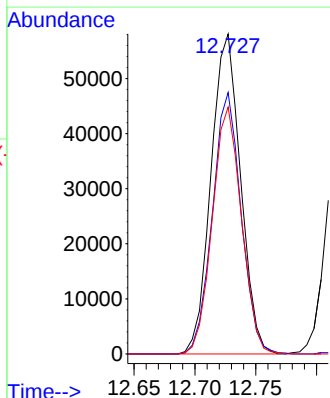
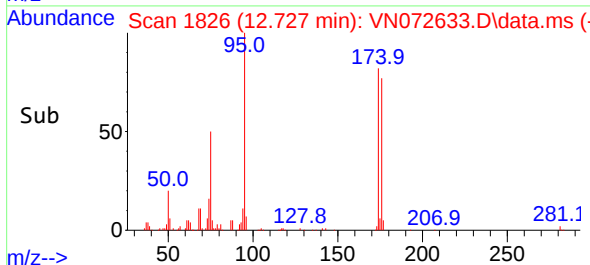
Reviewed By :John Carlone 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022

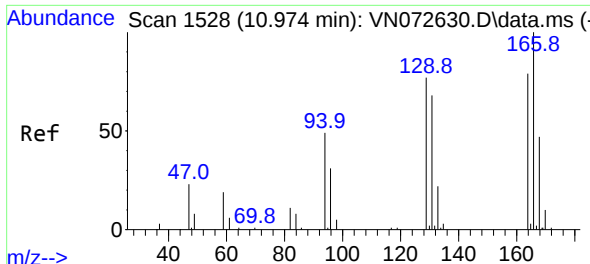


#60
4-Bromofluorobenzene
Concen: 28.303 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN072633.D
Acq: 26 May 2022 15:56



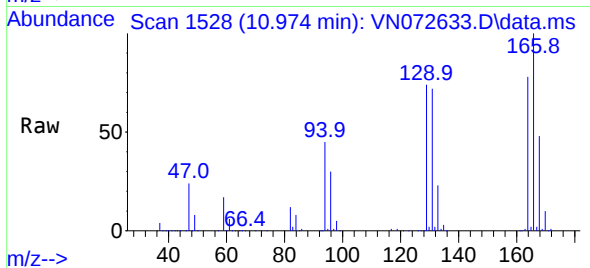
Tgt Ion: 95 Resp: 97923
Ion Ratio Lower Upper
95 100
174 79.4 62.9 94.3
176 75.9 61.0 91.4





#61
Tetrachloroethene
Concen: 132.334 ug/l
RT: 10.974 min Scan# 1528
Delta R.T. 0.000 min
Lab File: VN072633.D
Acq: 26 May 2022 15:56

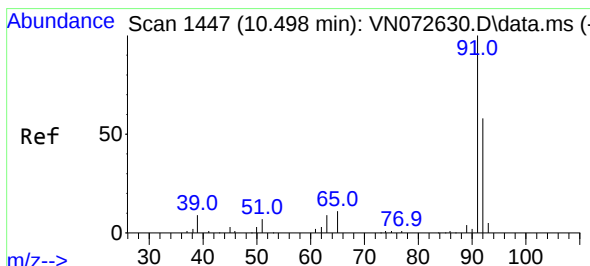
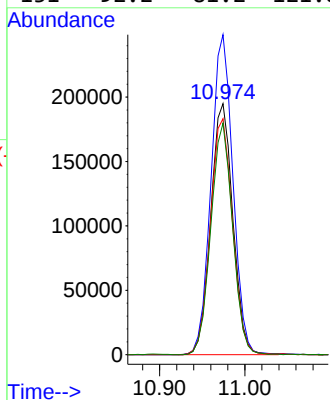
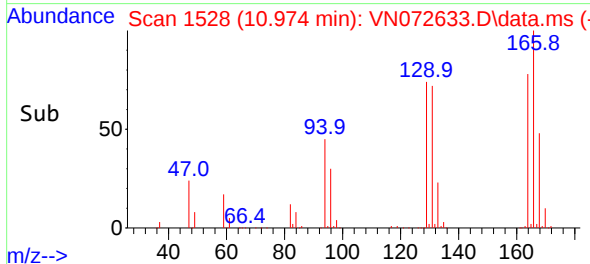
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



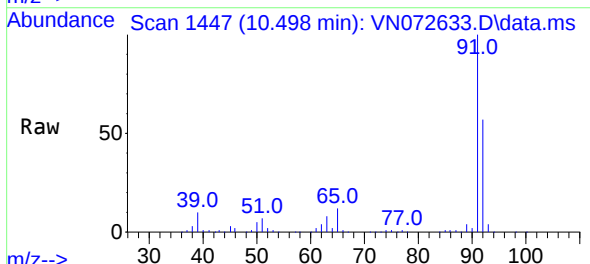
Tgt Ion:164 Resp: 352439
Ion Ratio Lower Upper
164 100
166 127.4 105.8 158.8
129 94.0 82.5 123.7
131 92.2 81.2 121.8

Manual Integrations
APPROVED

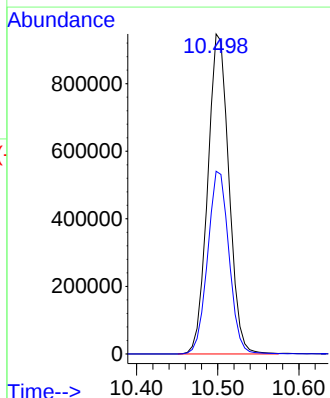
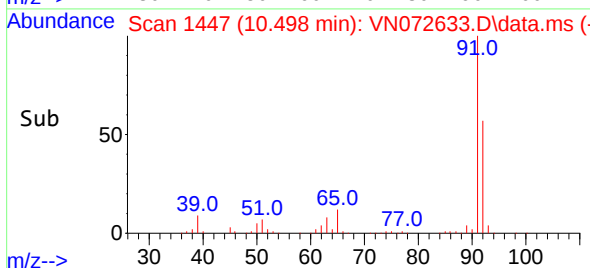
Reviewed By :John Carlone 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022

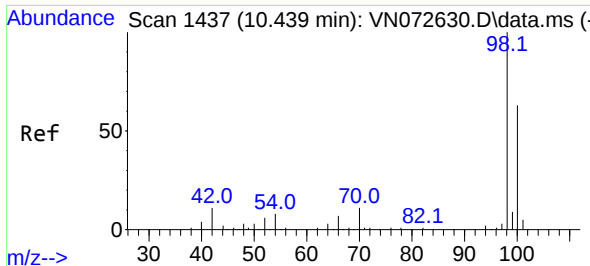


#62
Toluene
Concen: 137.641 ug/l
RT: 10.498 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VN072633.D
Acq: 26 May 2022 15:56



Tgt Ion: 91 Resp: 1715986
Ion Ratio Lower Upper
91 100
92 57.5 44.6 67.0





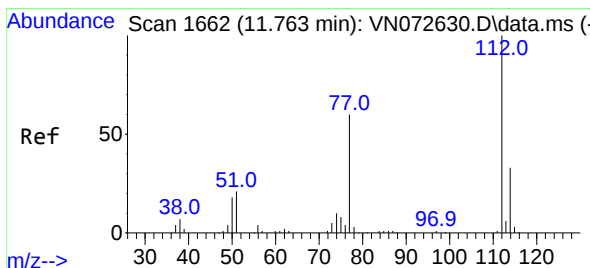
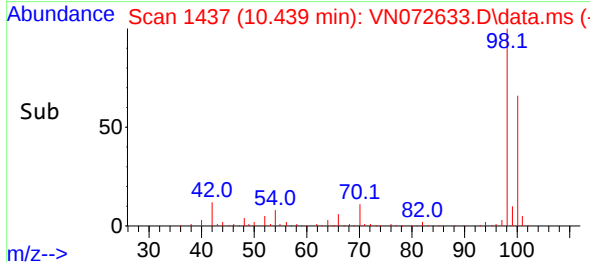
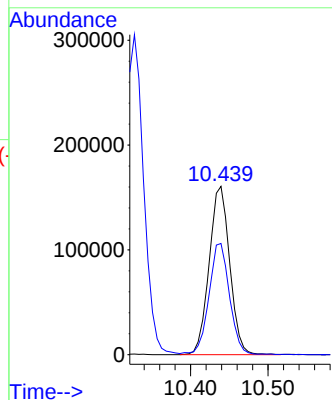
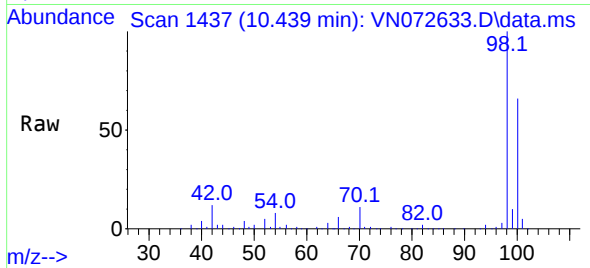
#63
Toluene-d8
Concen: 29.931 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN072633.D
Acq: 26 May 2022 15:56

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

Tgt Ion: 98 Resp: 296037
Ion Ratio Lower Upper
98 100
100 65.5 50.6 76.0

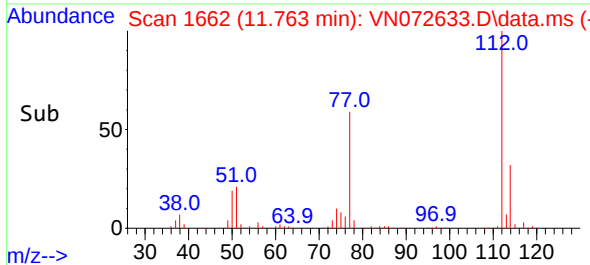
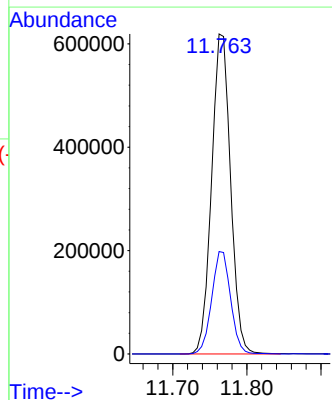
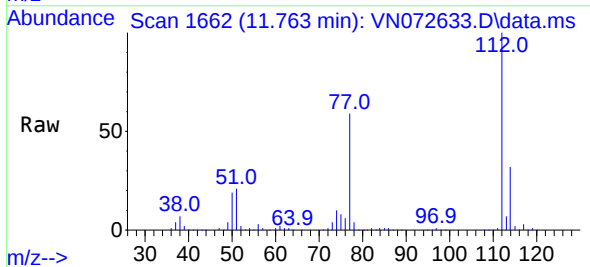
Manual Integrations
APPROVED

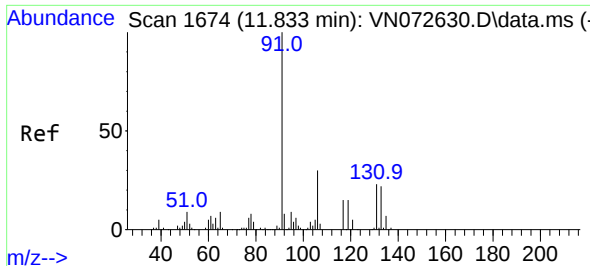
Reviewed By :John Carlone 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022



#64
Chlorobenzene
Concen: 143.776 ug/l
RT: 11.763 min Scan# 1662
Delta R.T. 0.000 min
Lab File: VN072633.D
Acq: 26 May 2022 15:56

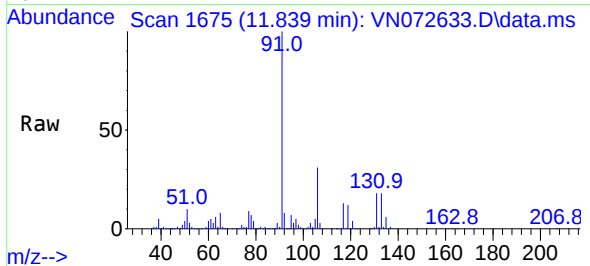
Tgt Ion:112 Resp: 1102386
Ion Ratio Lower Upper
112 100
114 32.0 25.8 38.6





#65
1,1,1,2-Tetrachloroethane
Concen: 135.144 ug/l
RT: 11.839 min Scan# 1674
Delta R.T. 0.006 min
Lab File: VN072633.D
Acq: 26 May 2022 15:56

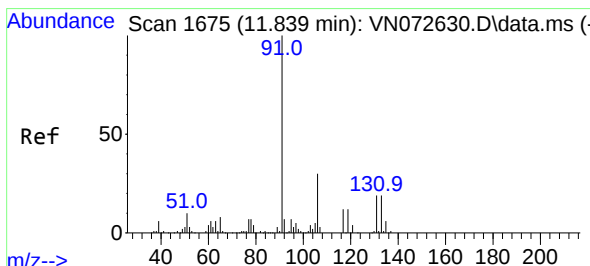
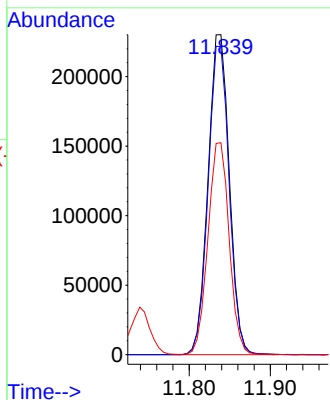
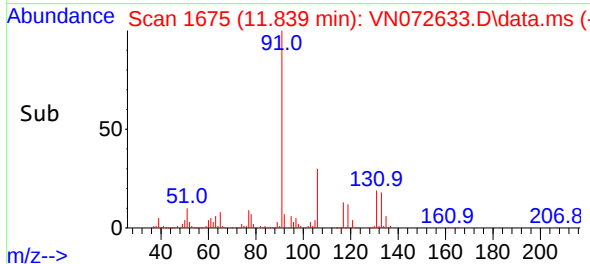
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150



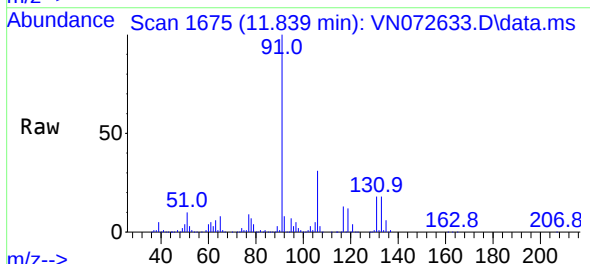
Tgt Ion:131 Resp: 419684
Ion Ratio Lower Upper
131 100
133 95.3 0.0 191.2
119 65.9 0.0 128.8

Manual Integrations
APPROVED

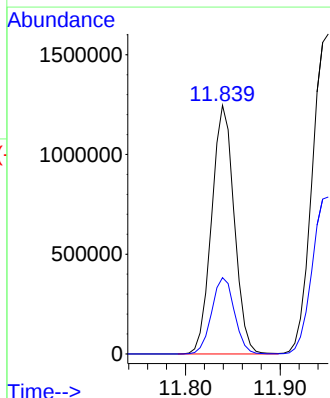
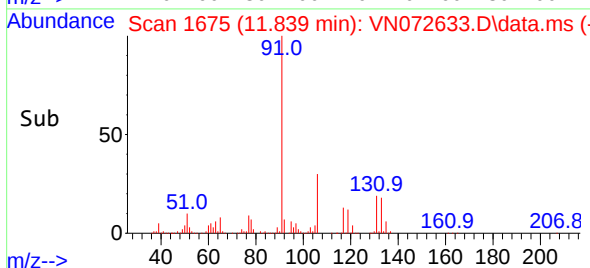
Reviewed By :John Carlone 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022

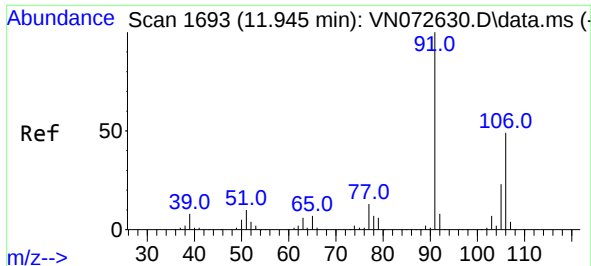


#66
Ethyl Benzene
Concen: 149.253 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VN072633.D
Acq: 26 May 2022 15:56



Tgt Ion: 91 Resp: 2062766
Ion Ratio Lower Upper
91 100
106 30.7 24.0 36.0





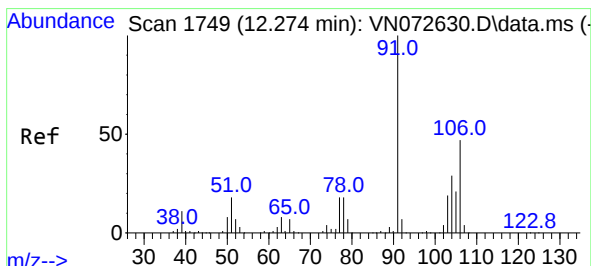
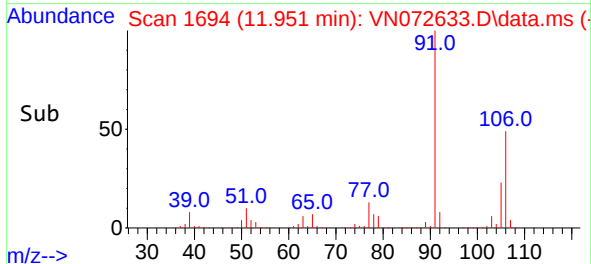
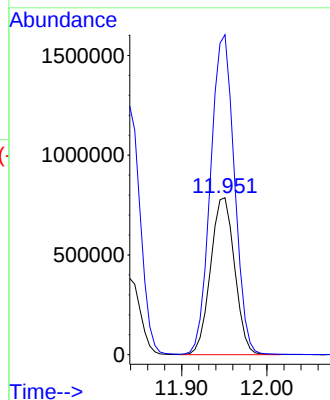
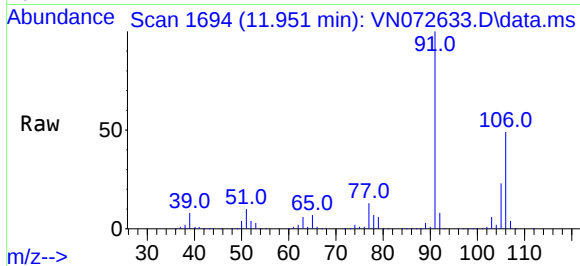
#67
m/p-Xylenes
Concen: 294.488 ug/l
RT: 11.951 min Scan# 1694
Delta R.T. 0.006 min
Lab File: VN072633.D
Acq: 26 May 2022 15:56

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tgt Ion:106 Resp: 154272
Ion Ratio Lower Upper
106 100
91 202.8 162.9 244.3

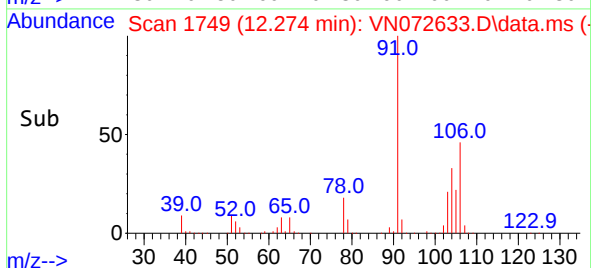
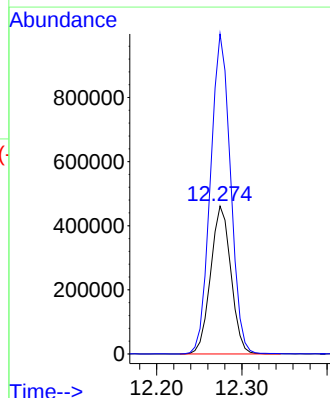
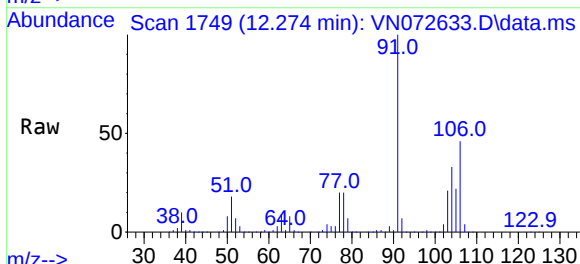
Manual Integrations
APPROVED

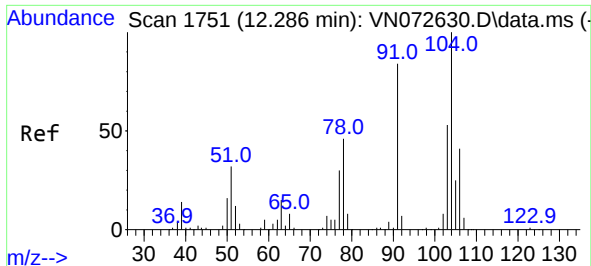
Reviewed By :John Carlone 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022



#68
o-Xylene
Concen: 146.936 ug/l
RT: 12.274 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VN072633.D
Acq: 26 May 2022 15:56

Tgt Ion:106 Resp: 762297
Ion Ratio Lower Upper
106 100
91 214.5 107.7 323.1





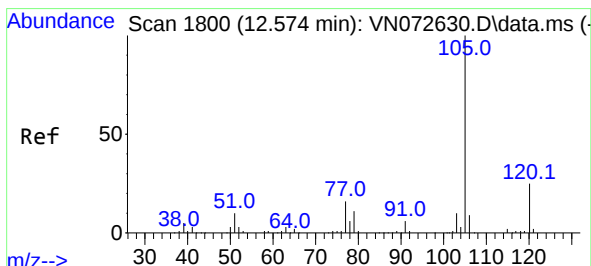
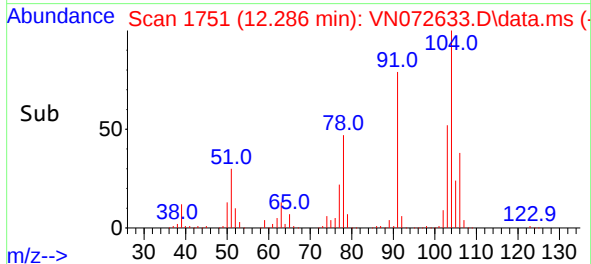
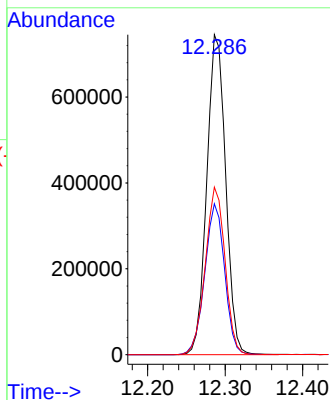
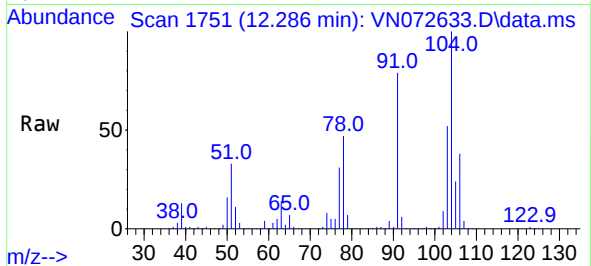
#69
Styrene
Concen: 153.661 ug/l
RT: 12.286 min Scan# 1751
Delta R.T. 0.000 min
Lab File: VN072633.D
Acq: 26 May 2022 15:56

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

Tgt Ion:104 Resp: 1265439
Ion Ratio Lower Upper
104 100
78 49.6 40.7 61.1
103 54.8 45.8 68.8

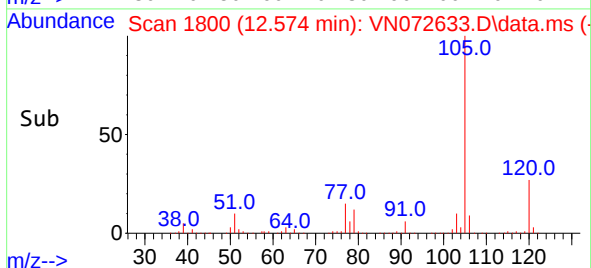
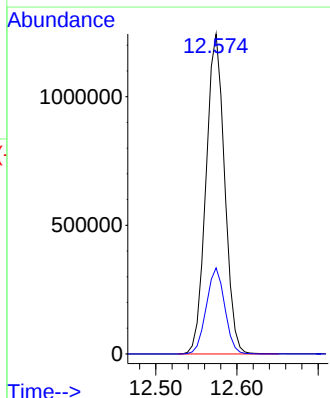
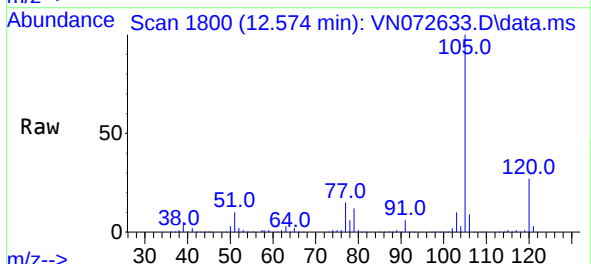
Manual Integrations
APPROVED

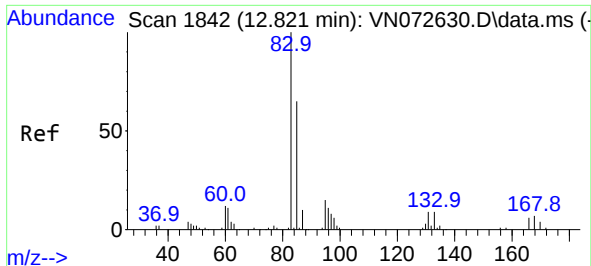
Reviewed By :John Carlone 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022



#70
Isopropylbenzene
Concen: 144.536 ug/l
RT: 12.574 min Scan# 1800
Delta R.T. 0.000 min
Lab File: VN072633.D
Acq: 26 May 2022 15:56

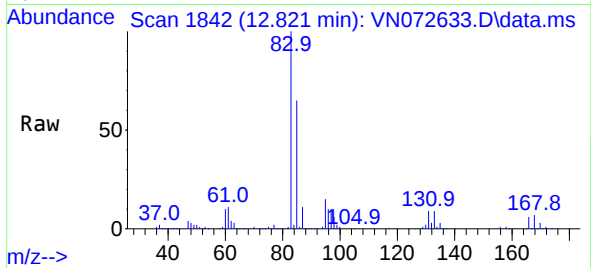
Tgt Ion:105 Resp: 1975059
Ion Ratio Lower Upper
105 100
120 26.7 18.3 34.1





#71
1,1,2,2-Tetrachloroethane
Concen: 141.429 ug/l
RT: 12.821 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VN072633.D
Acq: 26 May 2022 15:56

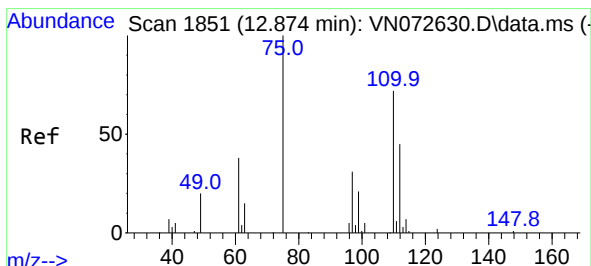
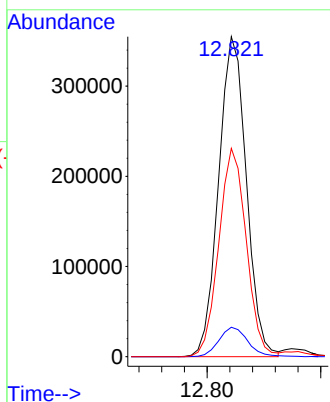
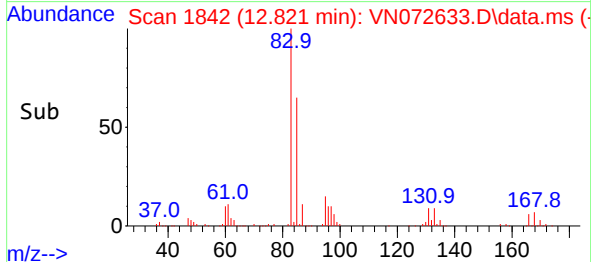
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



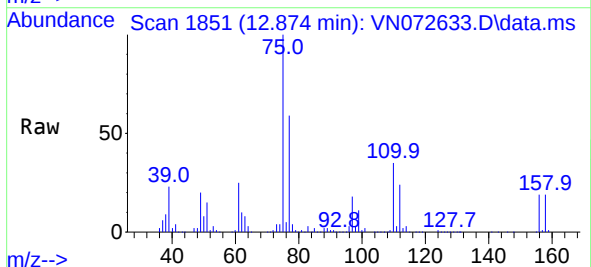
Tgt Ion: 83 Resp: 602178
Ion Ratio Lower Upper
83 100
131 9.6 5.1 15.3
85 64.5 33.1 99.2

Manual Integrations
APPROVED

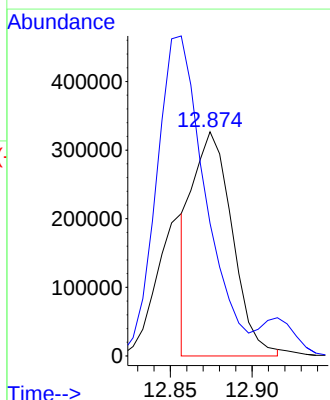
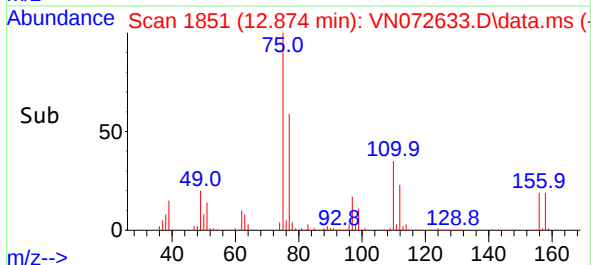
Reviewed By :John Carlone 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022

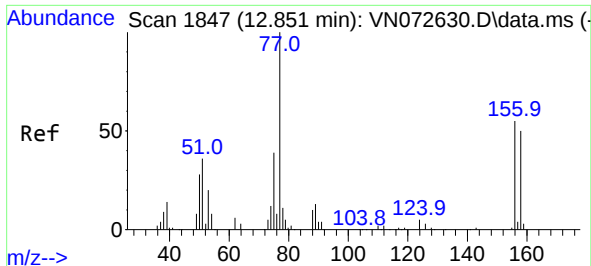


#72
1,2,3-Trichloropropane
Concen: 142.160 ug/l m
RT: 12.874 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VN072633.D
Acq: 26 May 2022 15:56



Tgt Ion: 75 Resp: 556566
Ion Ratio Lower Upper
75 100
77 174.3 0.0 378.0





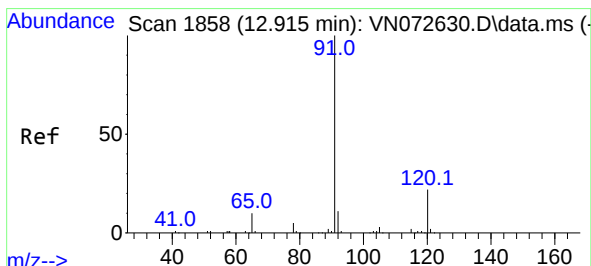
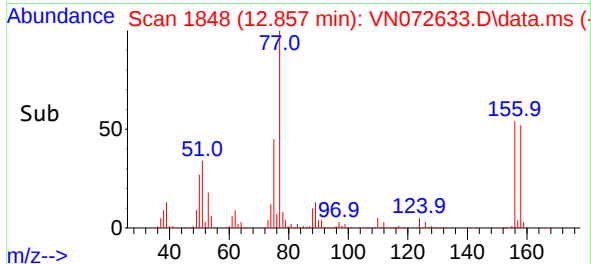
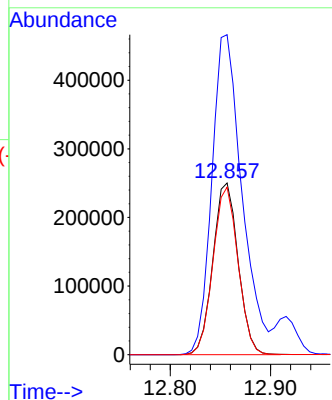
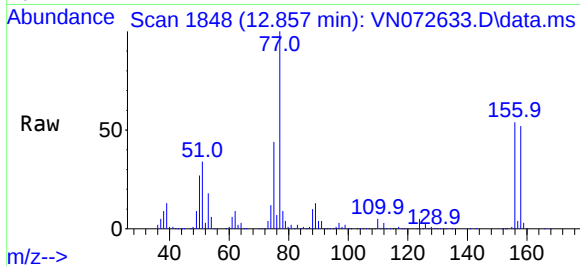
#73
Bromobenzene
Concen: 134.939 ug/l
RT: 12.857 min Scan# 1847
Delta R.T. 0.006 min
Lab File: VN072633.D
Acq: 26 May 2022 15:56

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tgt Ion:156 Resp: 437695
Ion Ratio Lower Upper
156 100
77 221.6 0.0 416.0
158 97.0 0.0 195.4

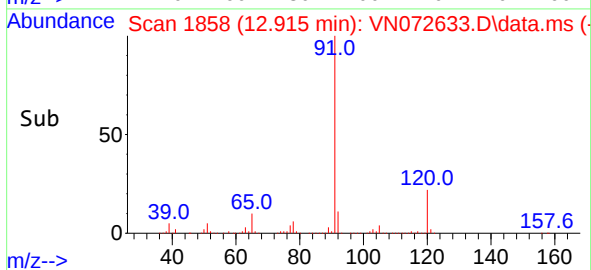
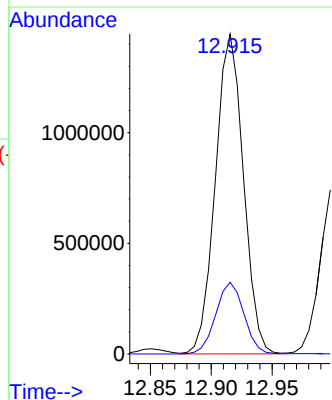
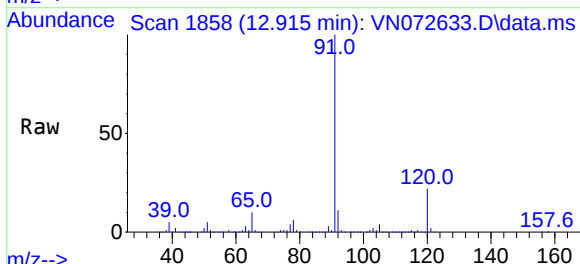
Manual Integrations
APPROVED

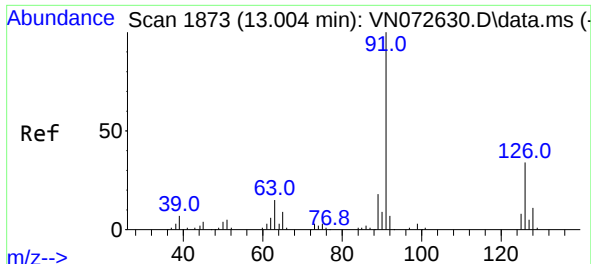
Reviewed By :John Carlone 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022



#74
n-propylbenzene
Concen: 153.229 ug/l
RT: 12.915 min Scan# 1858
Delta R.T. 0.000 min
Lab File: VN072633.D
Acq: 26 May 2022 15:56

Tgt Ion: 91 Resp: 2308590
Ion Ratio Lower Upper
91 100
120 22.5 0.0 45.0





#75
2-Chlorotoluene
Concen: 139.829 ug/l
RT: 13.004 min Scan# 1873
Delta R.T. 0.000 min
Lab File: VN072633.D
Acq: 26 May 2022 15:56

Instrument :

MSVOA_N

ClientSampleId :

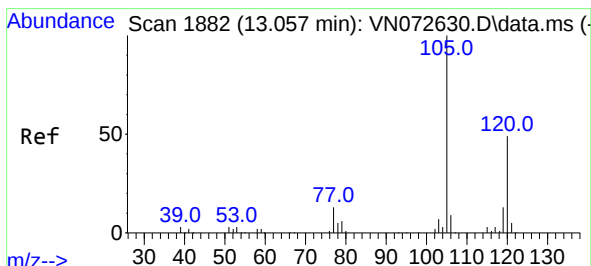
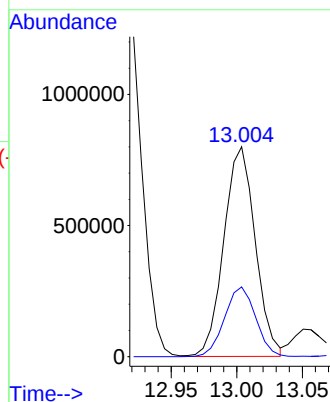
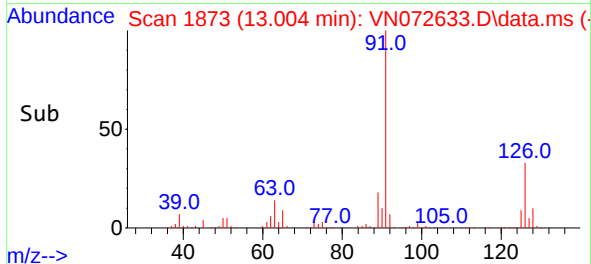
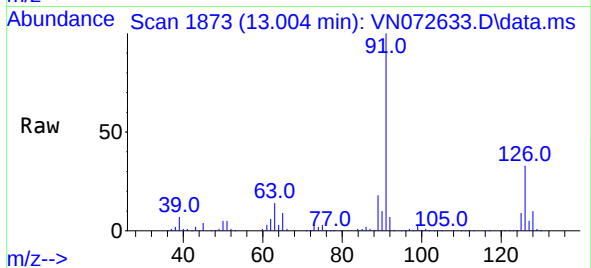
VSTDIC150

Tgt Ion: 91 Resp: 133337
Ion Ratio Lower Upper
91 100
126 33.0 0.0 69.8

Manual Integrations

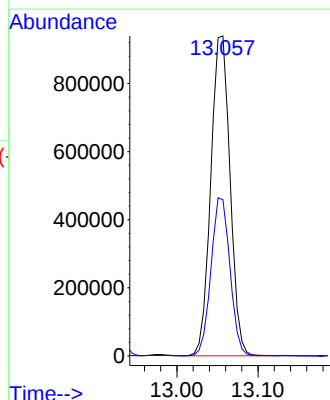
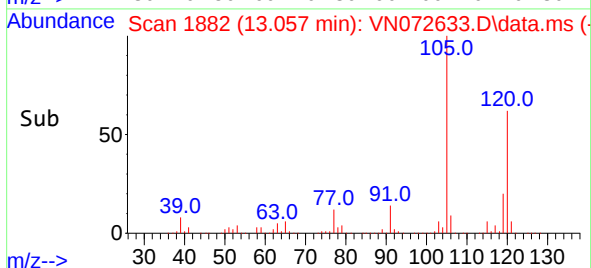
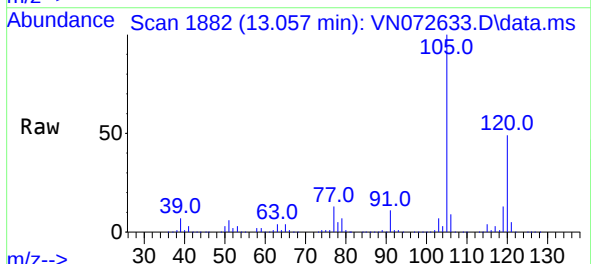
APPROVED

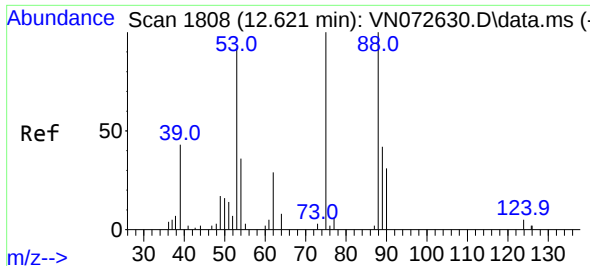
Reviewed By :John Carlone 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022



#76
1,3,5-Trimethylbenzene
Concen: 134.679 ug/l
RT: 13.057 min Scan# 1882
Delta R.T. 0.000 min
Lab File: VN072633.D
Acq: 26 May 2022 15:56

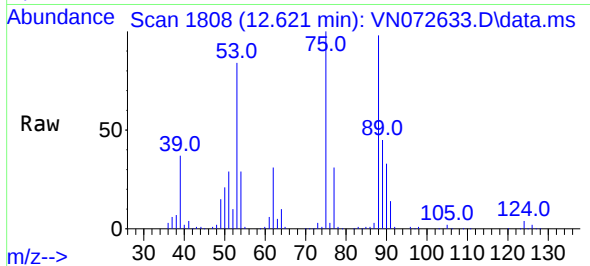
Tgt Ion:105 Resp: 1546294
Ion Ratio Lower Upper
105 100
120 48.7 0.0 93.8





#77
t-1,4-Dichloro-2-butene
Concen: 168.800 ug/l
RT: 12.621 min Scan# 1808
Delta R.T. 0.000 min
Lab File: VN072633.D
Acq: 26 May 2022 15:56

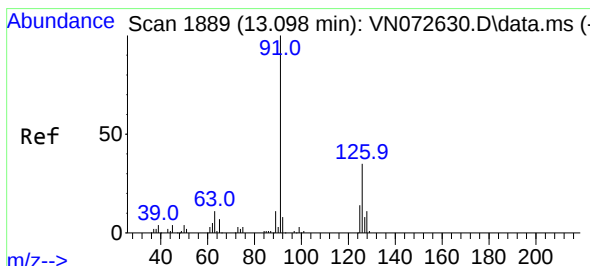
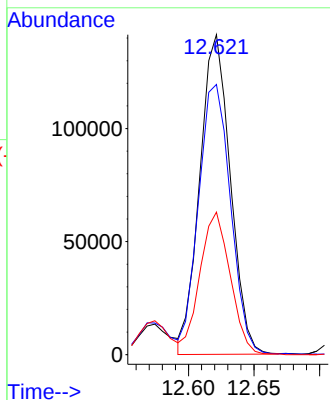
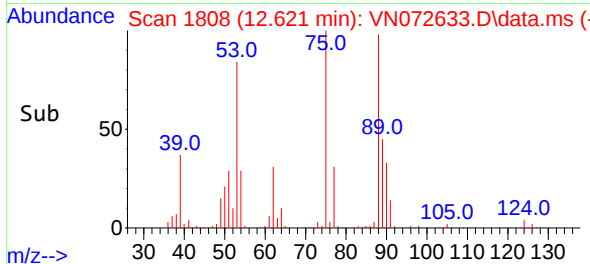
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



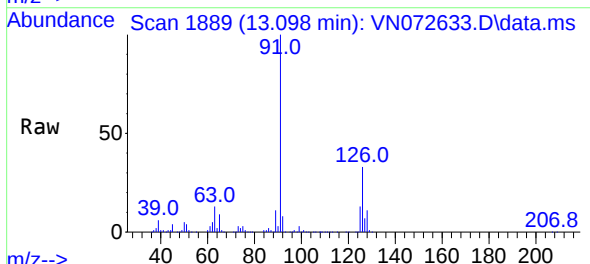
Tgt Ion: 75 Resp: 228732
Ion Ratio Lower Upper
75 100
53 84.5 51.8 155.5
89 44.5 22.9 68.7

Manual Integrations
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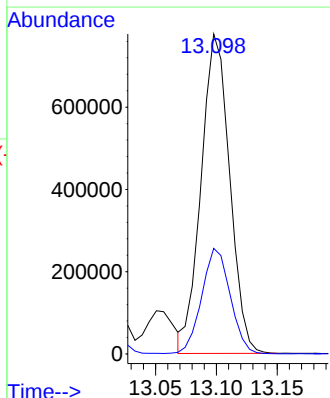
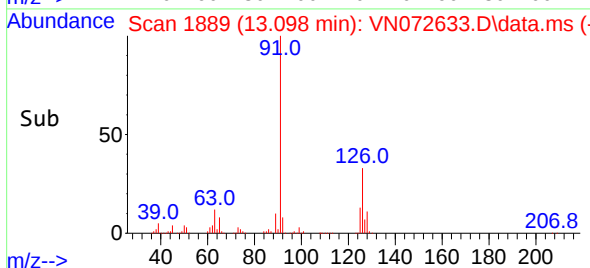
Reviewed By :John Carlone 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022

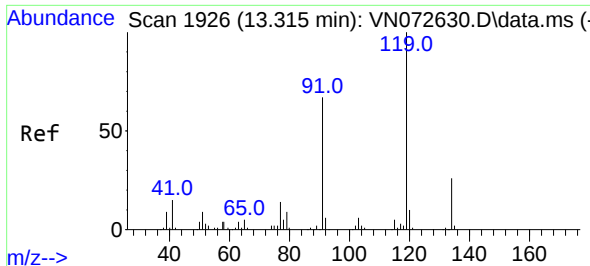


#78
4-Chlorotoluene
Concen: 141.370 ug/l
RT: 13.098 min Scan# 1889
Delta R.T. 0.000 min
Lab File: VN072633.D
Acq: 26 May 2022 15:56



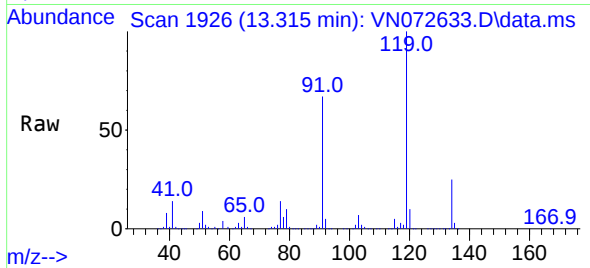
Tgt Ion: 91 Resp: 1267737
Ion Ratio Lower Upper
91 100
126 33.2 0.0 70.6





#79
tert-butylbenzene
Concen: 138.044 ug/l
RT: 13.315 min Scan# 1926
Delta R.T. 0.000 min
Lab File: VN072633.D
Acq: 26 May 2022 15:56

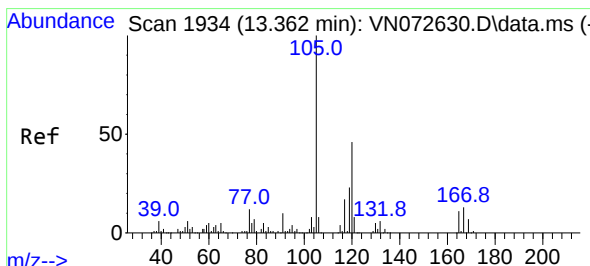
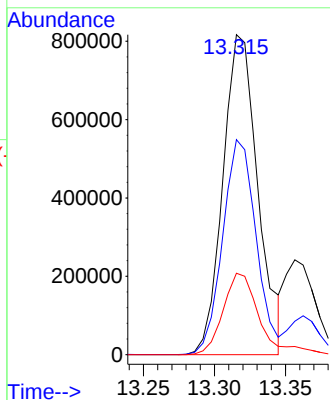
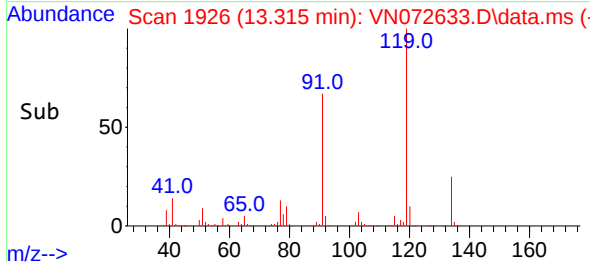
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



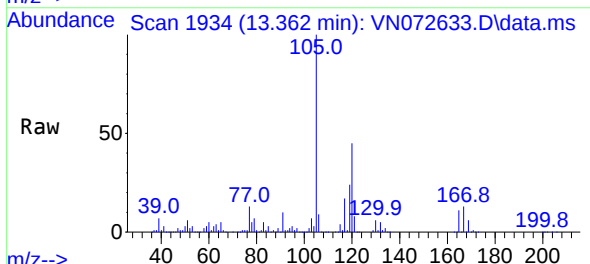
Tgt Ion:119 Resp: 1400359
Ion Ratio Lower Upper
119 100
91 64.1 0.0 137.0
134 25.0 0.0 47.6

Manual Integrations
APPROVED

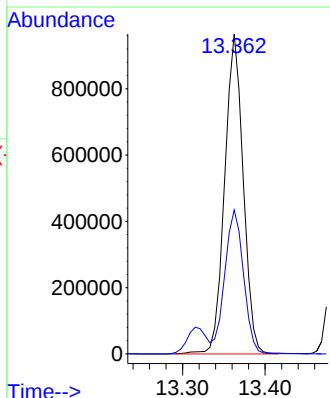
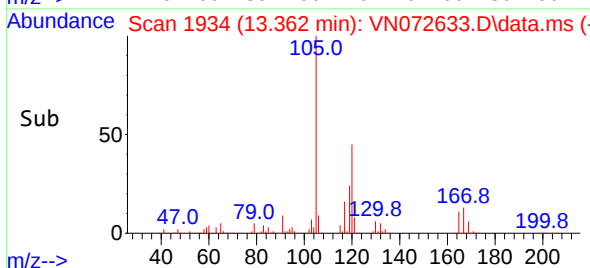
Reviewed By :John Carlone 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022

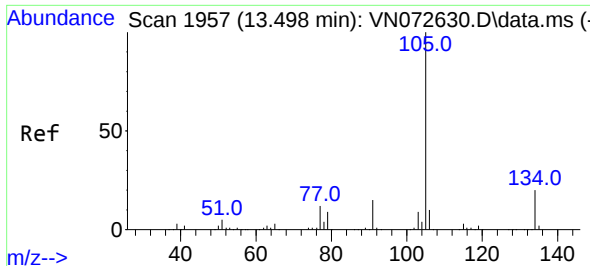


#80
1,2,4-Trimethylbenzene
Concen: 135.732 ug/l m
RT: 13.362 min Scan# 1934
Delta R.T. 0.000 min
Lab File: VN072633.D
Acq: 26 May 2022 15:56



Tgt Ion:105 Resp: 1507297
Ion Ratio Lower Upper
105 100
120 0.2 0.0 0.2#





#81
 sec-Butylbenzene
 Concen: 146.360 ug/l
 RT: 13.498 min Scan# 1957
 Delta R.T. 0.000 min
 Lab File: VN072633.D
 Acq: 26 May 2022 15:56

Instrument :

MSVOA_N

ClientSampleId :

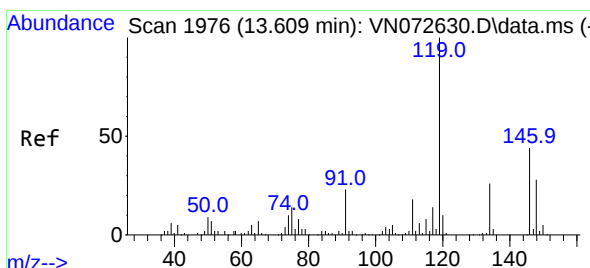
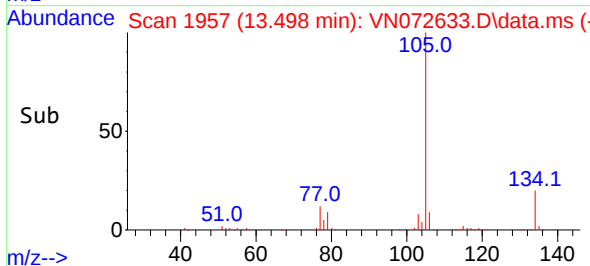
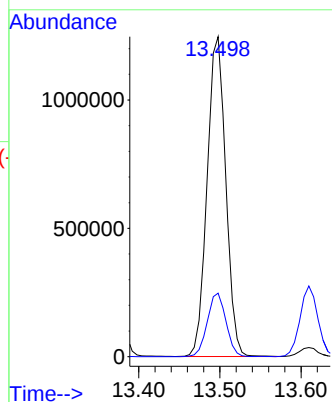
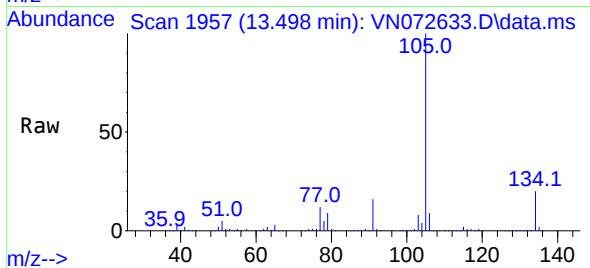
VSTDIC150

Tgt Ion:105 Resp: 198421
 Ion Ratio Lower Upper
 105 100
 134 19.9 0.0 39.4

Manual Integrations

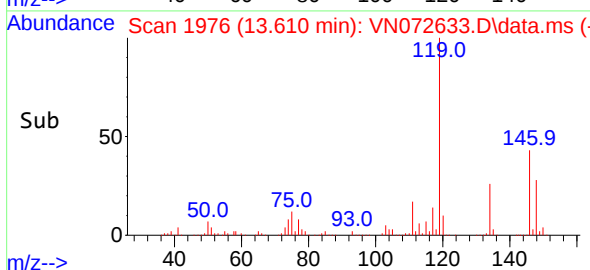
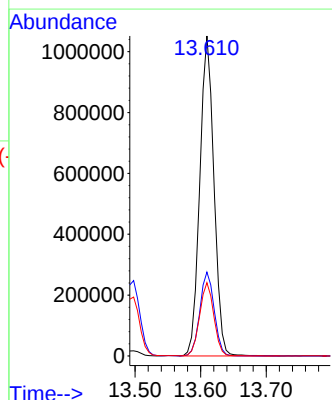
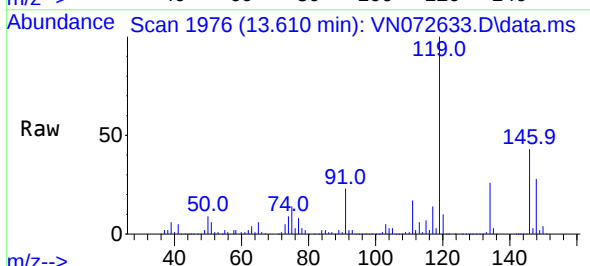
APPROVED

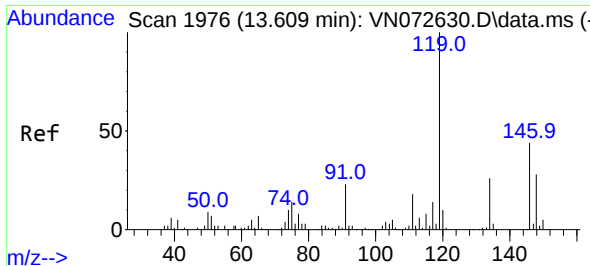
Reviewed By :John Carlone 05/27/2022
 Supervised By :Mahesh Dadoda 05/27/2022



#82
 p-Isopropyltoluene
 Concen: 142.616 ug/l
 RT: 13.610 min Scan# 1976
 Delta R.T. 0.000 min
 Lab File: VN072633.D
 Acq: 26 May 2022 15:56

Tgt Ion:119 Resp: 1580700
 Ion Ratio Lower Upper
 119 100
 134 26.5 0.0 51.8
 91 22.9 0.0 50.4





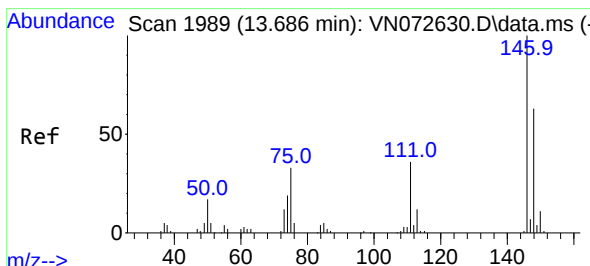
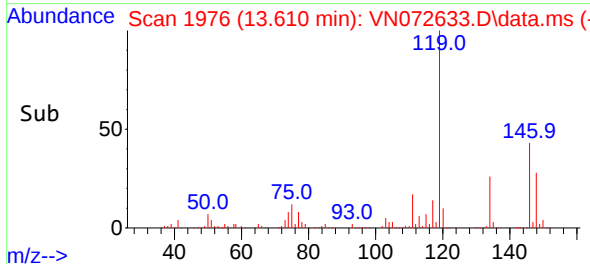
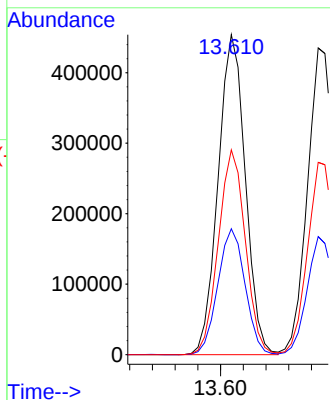
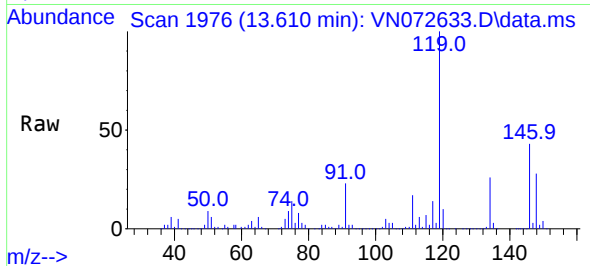
#83
1,3-Dichlorobenzene
Concen: 136.962 ug/l
RT: 13.610 min Scan# 1976
Delta R.T. 0.000 min
Lab File: VN072633.D
Acq: 26 May 2022 15:56

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

Tgt Ion:146 Resp: 75574
Ion Ratio Lower Upper
146 100
111 39.5 20.8 62.2
148 63.5 31.4 94.3

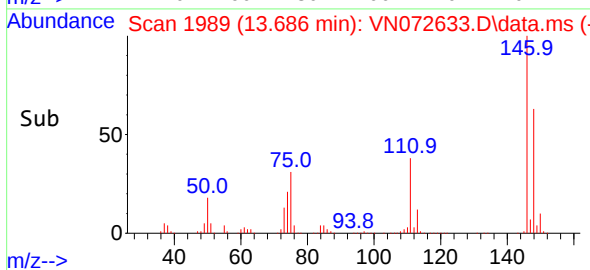
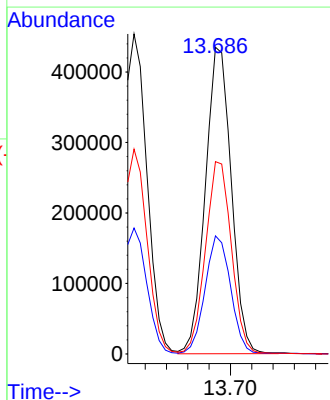
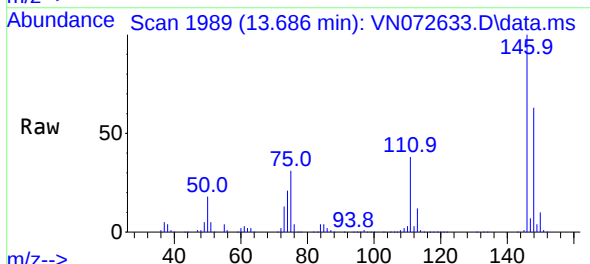
Manual Integrations
APPROVED

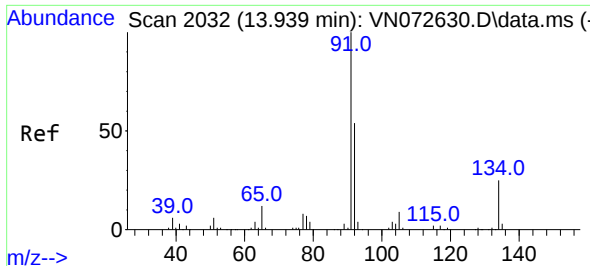
Reviewed By :John Carlone 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022



#84
1,4-Dichlorobenzene
Concen: 136.813 ug/l
RT: 13.686 min Scan# 1989
Delta R.T. 0.000 min
Lab File: VN072633.D
Acq: 26 May 2022 15:56

Tgt Ion:146 Resp: 735073
Ion Ratio Lower Upper
146 100
111 37.6 19.5 58.5
148 62.5 31.1 93.5





#85
n-Butylbenzene
Concen: 164.084 ug/l
RT: 13.939 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VN072633.D
Acq: 26 May 2022 15:56

Instrument :

MSVOA_N

ClientSampleId :

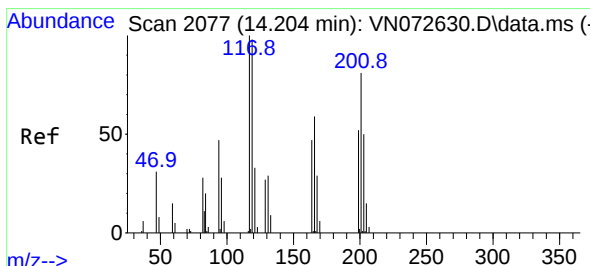
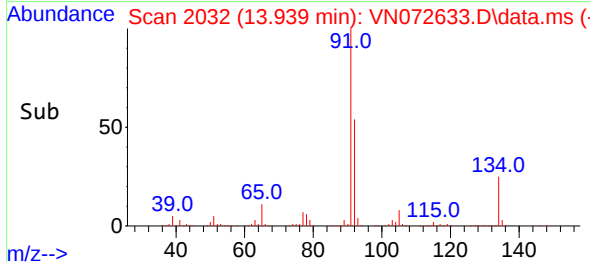
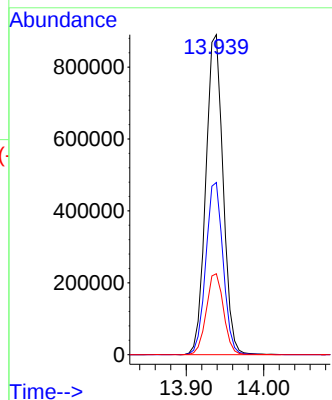
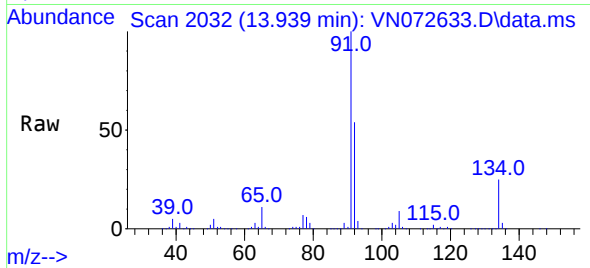
VSTDIC150

Tgt Ion: 91 Resp: 137896
Ion Ratio Lower Upper
91 100
92 53.9 0.0 100.6
134 25.4 0.0 50.2

Manual Integrations

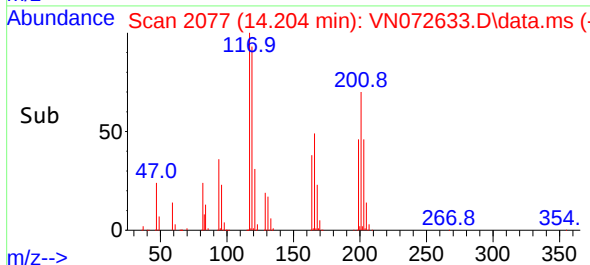
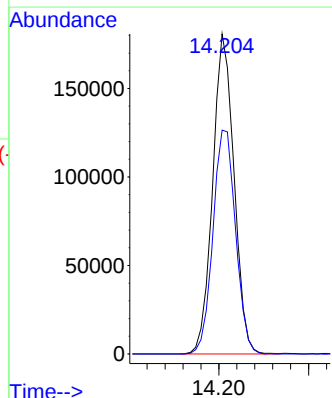
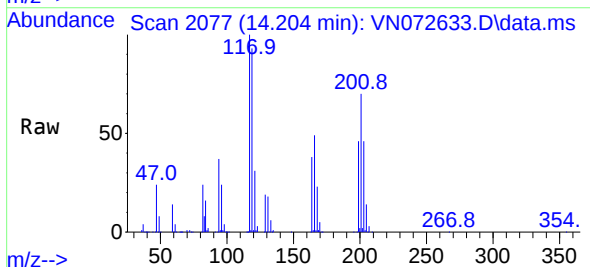
APPROVED

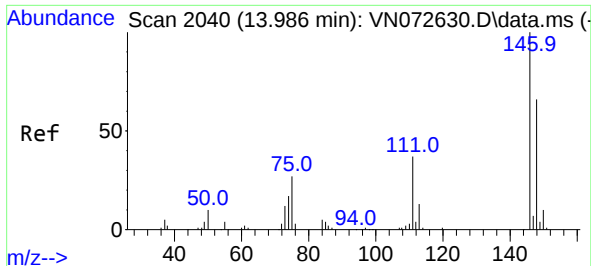
Reviewed By :John Carlone 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022



#86
Hexachloroethane
Concen: 142.833 ug/l
RT: 14.204 min Scan# 2077
Delta R.T. 0.000 min
Lab File: VN072633.D
Acq: 26 May 2022 15:56

Tgt Ion:117 Resp: 298306
Ion Ratio Lower Upper
117 100
201 74.2 33.3 99.8





#87

1,2-Dichlorobenzene

Concen: 132.389 ug/l

RT: 13.980 min Scan# 2040

Delta R.T. -0.006 min

Lab File: VN072633.D

Acq: 26 May 2022 15:56

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

Tgt Ion:146 Resp: 71646

Ion Ratio Lower Upper

146 100

111 41.5 21.4 64.2

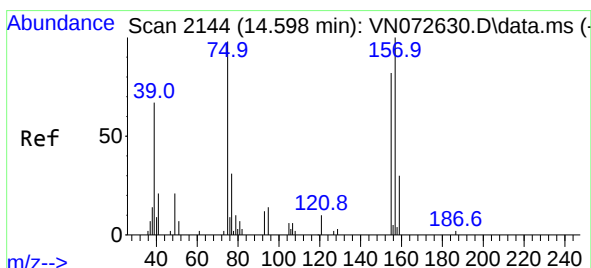
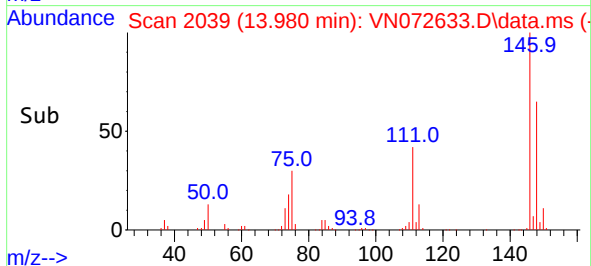
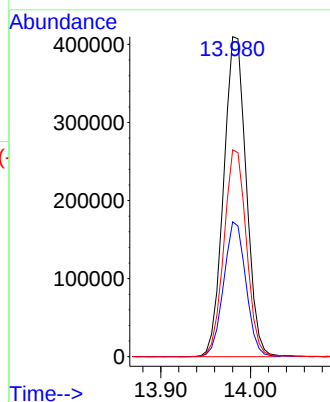
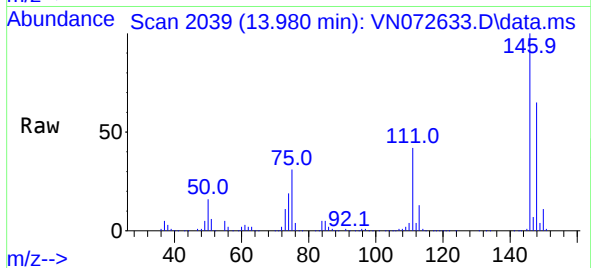
148 64.6 32.5 97.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/27/2022

Supervised By :Mahesh Dadoda 05/27/2022



#88

1,2-Dibromo-3-Chloropropane

Concen: 139.960 ug/l

RT: 14.598 min Scan# 2144

Delta R.T. 0.000 min

Lab File: VN072633.D

Acq: 26 May 2022 15:56

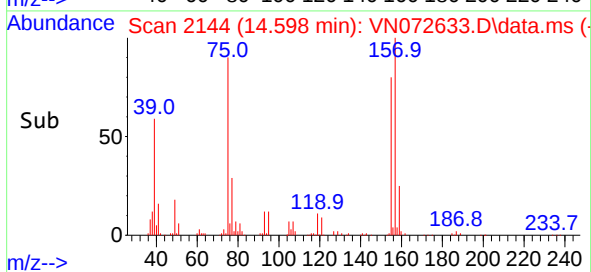
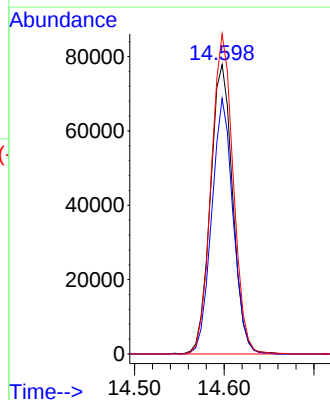
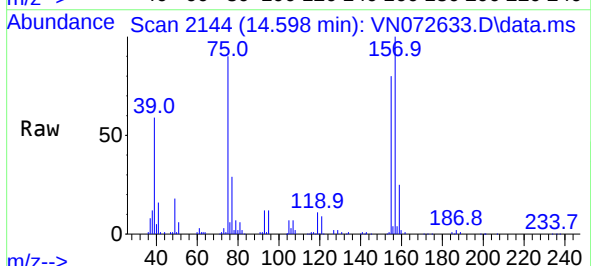
Tgt Ion: 75 Resp: 134133

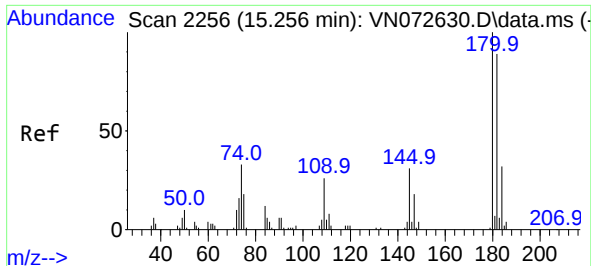
Ion Ratio Lower Upper

75 100

155 85.1 63.8 95.8

157 109.2 77.9 116.9





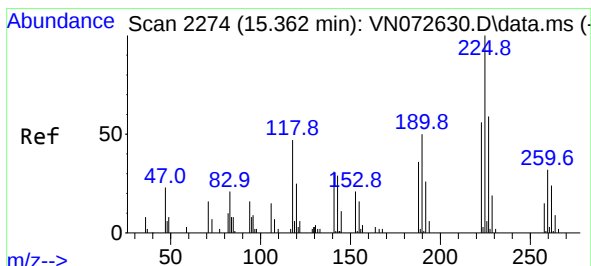
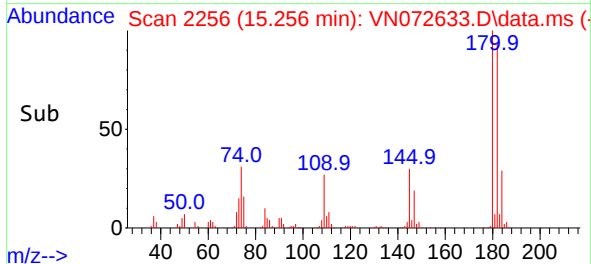
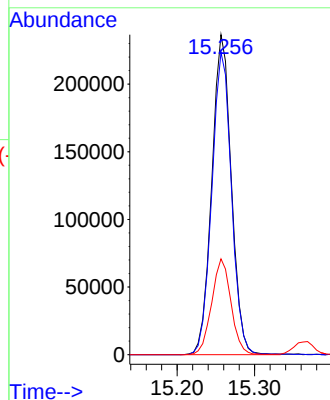
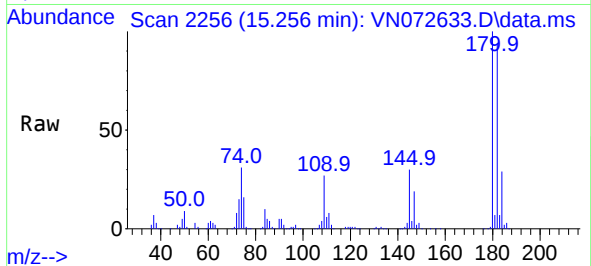
#89
1,2,4-Trichlorobenzene
Concen: 164.168 ug/l
RT: 15.256 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN072633.D
Acq: 26 May 2022 15:56

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

Tgt Ion:180 Resp: 41395
Ion Ratio Lower Upper
180 100
182 94.8 77.7 116.5
145 29.7 26.6 39.8

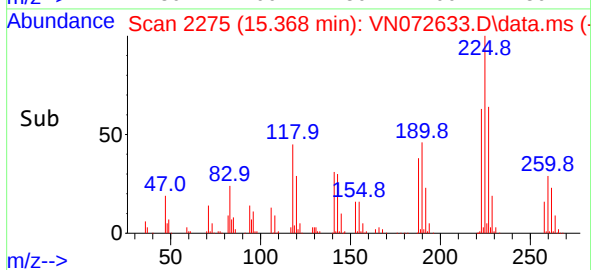
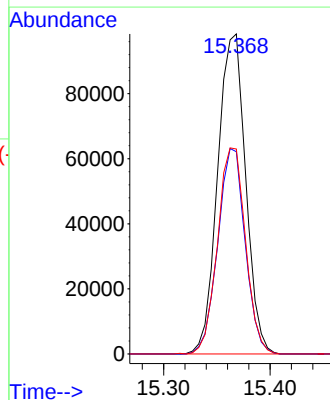
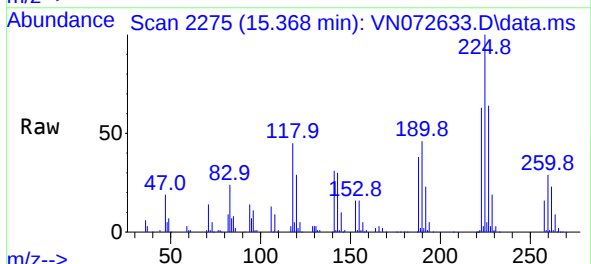
Manual Integrations
APPROVED

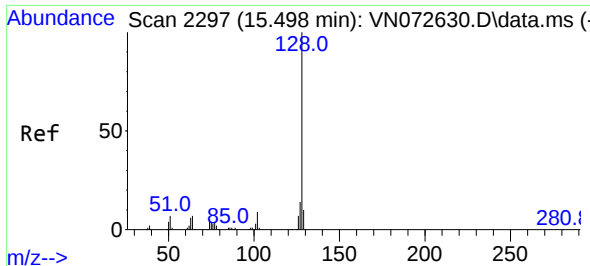
Reviewed By :John Carlone 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022



#90
Hexachlorobutadiene
Concen: 121.338 ug/l
RT: 15.368 min Scan# 2275
Delta R.T. 0.006 min
Lab File: VN072633.D
Acq: 26 May 2022 15:56

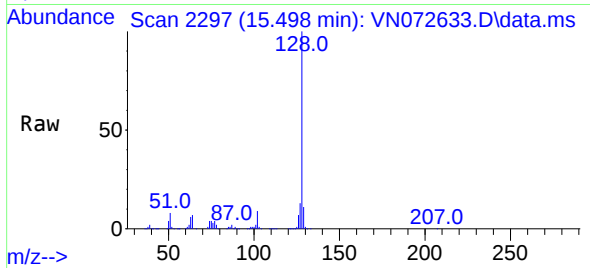
Tgt Ion:225 Resp: 179300
Ion Ratio Lower Upper
225 100
223 62.7 0.0 126.8
227 64.2 0.0 123.0





#91
Naphthalene
Concen: 192.965 ug/l
RT: 15.498 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN072633.D
Acq: 26 May 2022 15:56

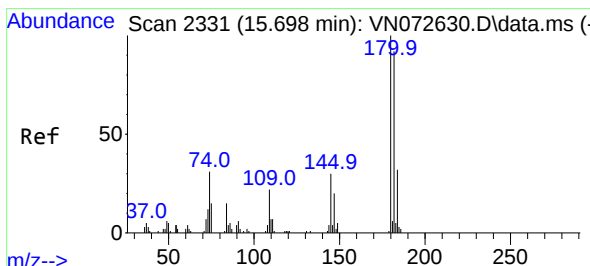
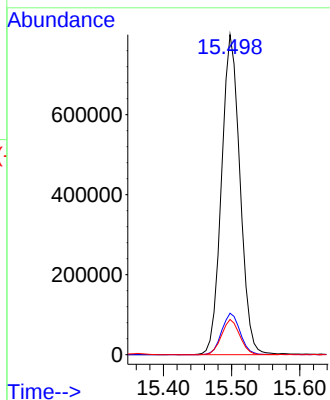
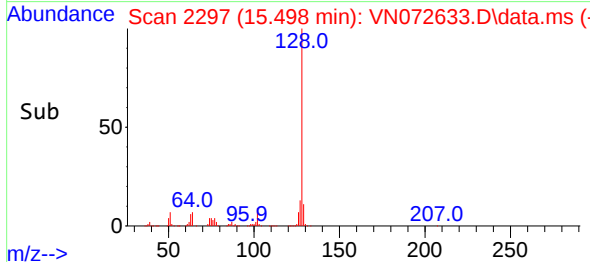
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



Tgt Ion:128 Resp: 151046
Ion Ratio Lower Upper
128 100
127 13.0 10.7 16.1
129 10.8 9.0 13.6

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022



#92
1,2,3-Trichlorobenzene
Concen: 159.922 ug/l
RT: 15.692 min Scan# 2330
Delta R.T. -0.006 min
Lab File: VN072633.D
Acq: 26 May 2022 15:56

Tgt Ion:180 Resp: 409556
Ion Ratio Lower Upper
180 100
182 94.0 0.0 190.0
145 31.7 0.0 67.8

