

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052622\
 Data File : VN072632.D
 Acq On : 26 May 2022 15:32
 Operator : JC\MD
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC100

Manual Integrations
 APPROVED

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

Quant Time: May 26 15:54:25 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

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

Internal Standards						
1) Bromochloromethane	7.657	128	28472	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	8.963	114	185230	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.739	117	149583	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.433	65	88487	29.169	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery =	97.233%		
60) 4-Bromofluorobenzene	12.727	95	81948	28.485	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery =	94.933%		
63) Toluene-d8	10.439	98	265643	32.300	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery =	107.667%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.063	85	185701	81.096	ug/l	99
3) Chloromethane	2.293	50	282841	129.100	ug/l	95
4) Vinyl Chloride	2.434	62	237662	127.773	ug/l	100
5) Bromomethane	2.816	94	110428	79.113	ug/l	95
6) Chloroethane	2.993	64	141242	115.629	ug/l	97
7) Trichlorofluoromethane	3.357	101	274369	67.868	ug/l	99
8) Diethyl Ether	3.816	74	116424	88.312	ug/l	78
9) 1,1,2-Trichlorotrifluo...	4.204	101	147037	74.306	ug/l	75
10) 1,1-Dichloroethene	4.175	96	149188	81.245	ug/l	86
11) Methyl Iodide	4.416	142	155437	61.255	ug/l	97
12) Methyl Acetate	4.840	43	318707	105.219	ug/l	93
13) Acrolein	4.028	56	172884	390.933	ug/l	98
14) Acrylonitrile	5.545	53	674911	516.435	ug/l	99
15) Acetone	4.281	58	166934	488.127	ug/l	91
16) Carbon Disulfide	4.528	76	426393	89.512	ug/l	98
17) Allyl chloride	4.834	41	352571	104.035	ug/l	85
18) Methylene Chloride	5.087	84	189738	85.389	ug/l #	86
19) trans-1,2-Dichloroethene	5.592	96	159881	79.320	ug/l #	83
20) Diisopropyl ether	6.492	45	916950	129.050	ug/l #	87
21) 1,1-Dichloroethane	6.381	63	463412	112.916	ug/l	100
22) cis-1,2-Dichloroethene	7.316	96	252766	106.067	ug/l	95
23) tert-Butyl Alcohol	5.363	59	234734	439.931	ug/l #	100
24) Methyl tert-Butyl Ether	5.610	73	609025	82.881	ug/l	98
25) Chloroform	7.810	83	424368	97.853	ug/l	98
26) Cyclohexane	8.092	56	388056	114.224	ug/l #	90
29) 1,1-Dichloropropene	8.216	75	356826	95.590	ug/l	97
30) 2-Butanone	7.328	43	1184903	528.717	ug/l	93
31) 2,2-Dichloropropane	7.316	77	349708	77.630	ug/l	97
32) 1,1,1-Trichloroethane	8.010	97	347448	68.284	ug/l	98
33) Carbon Tetrachloride	8.204	117	347982	77.845	ug/l	99
34) Benzene	8.457	78	1101258	101.959	ug/l	95
35) Methacrylonitrile	7.628	41	238322	103.237	ug/l	91
36) 1,2-Dichloroethane	8.522	62	354339	75.824	ug/l	95
37) Trichloroethene	9.210	130	261581	91.963	ug/l	95
38) Methylcyclohexane	9.457	83	440707	101.564	ug/l	94
39) 1,2-Dichloropropane	9.486	63	292347	106.537	ug/l	98
40) Dibromomethane	9.569	93	183834	90.500	ug/l	94
41) Bromodichloromethane	9.757	83	375919	87.806	ug/l	98
42) Vinyl Acetate	6.428	43	4109394	551.550	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.404	43	472692	108.759	ug/l	98
44) Isopropyl Acetate	8.557	43	730863	106.320	ug/l	98
45) 1,4-Dioxane	9.563	88	118614	1864.201	ug/l	92
46) Methyl methacrylate	9.557	41	333262	102.291	ug/l	83
47) n-amyl Acetate	12.380	43	520148	110.244	ug/l	96
48) t-1,3-Dichloropropene	10.710	75	391841	86.344	ug/l	99
49) cis-1,3-Dichloropropene	10.186	75	464030	99.556	ug/l #	90
50) 1,1,2-Trichloroethane	10.898	97	234924	81.965	ug/l	95
51) Ethyl methacrylate	10.757	69	439686	96.921	ug/l	87
52) 1,3-Dichloropropane	11.039	76	426083	85.914	ug/l	100
53) Dibromochloromethane	11.233	129	239776	72.058	ug/l	99
54) 1,2-Dibromoethane	11.339	107	241461	79.520	ug/l	96
55) 2-Chloroethyl vinyl ether	10.039	63	1090616	830.519	ug/l	97
56) Bromoform	12.451	173	201949	79.896	ug/l #	99
58) 4-Methyl-2-Pentanone	10.327	43	2445359	657.839	ug/l	97
59) 2-Hexanone	11.080	43	1695301	624.941	ug/l	99
61) Tetrachloroethene	10.974	164	182797	82.543	ug/l	93
62) Toluene	10.498	91	1073538	103.555	ug/l	98
64) Chlorobenzene	11.763	112	574589	90.122	ug/l	99
65) 1,1,1,2-Tetrachloroethane	11.833	131	261196	101.149	ug/l	98
66) Ethyl Benzene	11.839	91	1293491	112.553	ug/l	99
67) m/p-Xylenes	11.945	106	824728	189.326	ug/l	99
68) o-Xylene	12.274	106	443607	102.831	ug/l	99
69) Styrene	12.286	104	713279	104.160	ug/l	98
70) Isopropylbenzene	12.574	105	1127652	99.241	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.821	83	385221	108.804	ug/l	98
72) 1,2,3-Trichloropropane	12.874	75	272663m	83.754	ug/l	
73) Bromobenzene	12.857	156	225338	83.545	ug/l	83
74) n-propylbenzene	12.916	91	1296480	103.485	ug/l	98
75) 2-Chlorotoluene	13.004	91	806011	101.650	ug/l	96
76) 1,3,5-Trimethylbenzene	13.057	105	899118	94.177	ug/l	97
77) t-1,4-Dichloro-2-butene	12.621	75	134646	119.497	ug/l	94
78) 4-Chlorotoluene	13.098	91	691938	92.793	ug/l	95
79) tert-butylbenzene	13.321	119	750631	88.987	ug/l	97
80) 1,2,4-Trimethylbenzene	13.363	105	887923m	96.157	ug/l	
81) sec-Butylbenzene	13.498	105	1255709	111.390	ug/l	100
82) p-Isopropyltoluene	13.610	119	992459	107.684	ug/l	97
83) 1,3-Dichlorobenzene	13.610	146	476909	103.939	ug/l	98
84) 1,4-Dichlorobenzene	13.686	146	466488	104.414	ug/l	98
85) n-Butylbenzene	13.939	91	853901	122.191	ug/l	97
86) Hexachloroethane	14.204	117	194802	112.171	ug/l	91
87) 1,2-Dichlorobenzene	13.980	146	459906	102.199	ug/l	98
88) 1,2-Dibromo-3-Chloropr...	14.598	75	83763	105.109	ug/l	91
89) 1,2,4-Trichlorobenzene	15.257	180	253402	120.856	ug/l	96
90) Hexachlorobutadiene	15.362	225	114789	93.419	ug/l	99
91) Naphthalene	15.498	128	918856	141.168	ug/l	99
92) 1,2,3-Trichlorobenzene	15.692	180	251784	118.234	ug/l	98

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

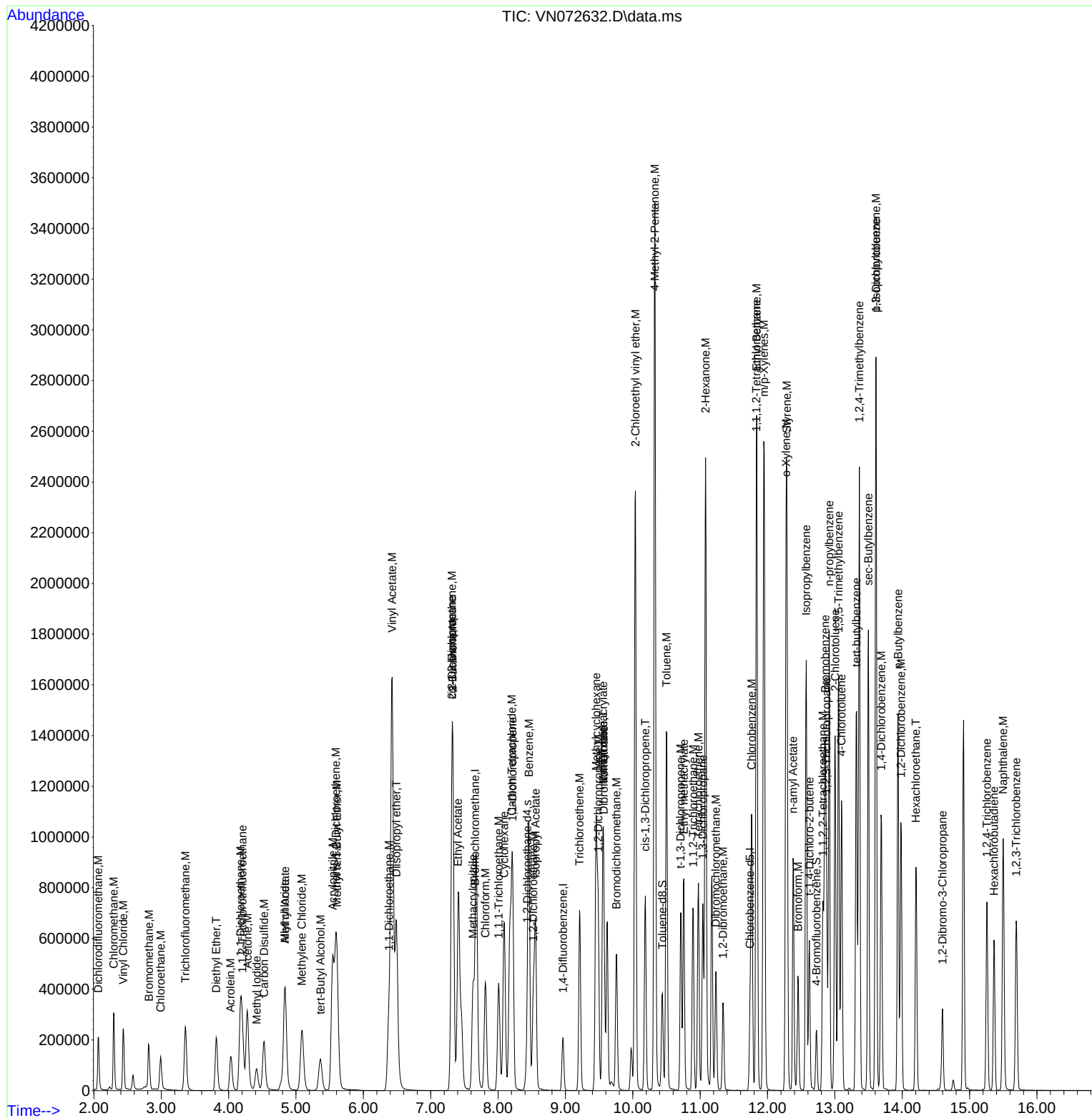
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052622\
Data File : VN072632.D
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Operator : JC\MD
Sample : VSTDICC100
Misc : 5.0mL/MSVOA_N/WATER
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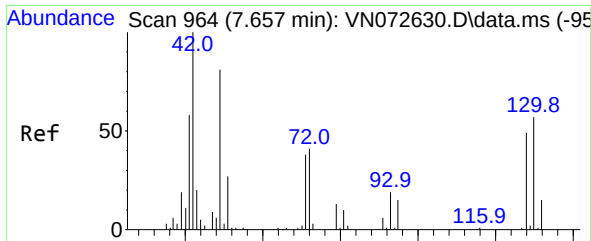
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Manual Integrations
APPROVED

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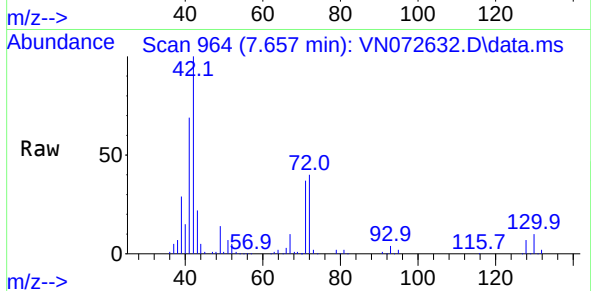
Quant Time: May 26 15:54:25 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N052622W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Thu May 26 15:53:28 2022
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.657 min Scan# 90
Delta R.T. 0.000 min
Lab File: VN072632.D
Acq: 26 May 2022 15:32

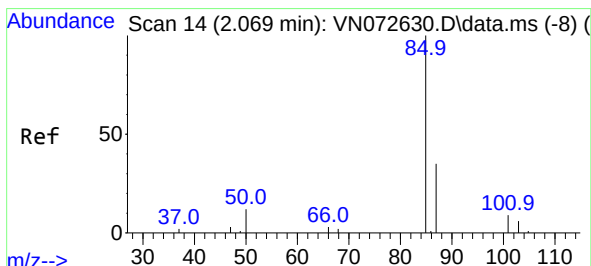
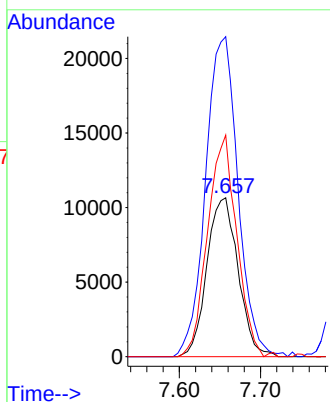
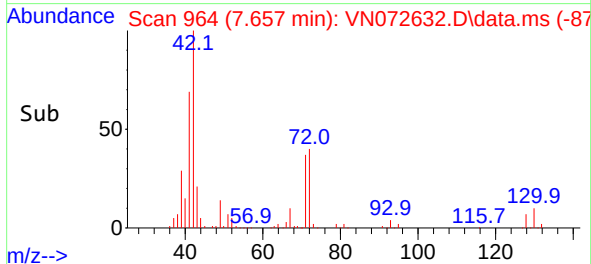
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



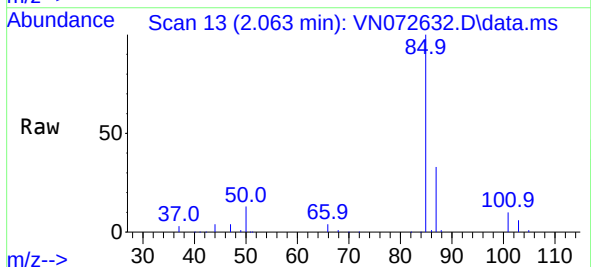
Tgt Ion:128 Resp: 28472
Ion Ratio Lower Upper
128 100
49 208.6 0.0 392.3
130 129.7 0.0 320.2

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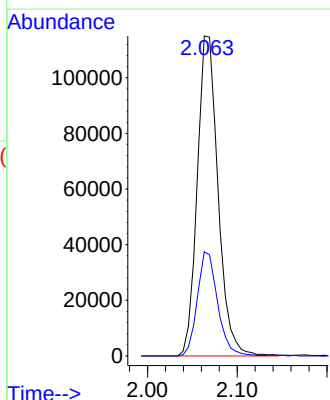
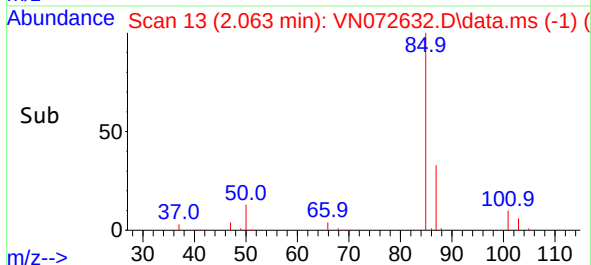
Reviewed By :John Carlone 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022

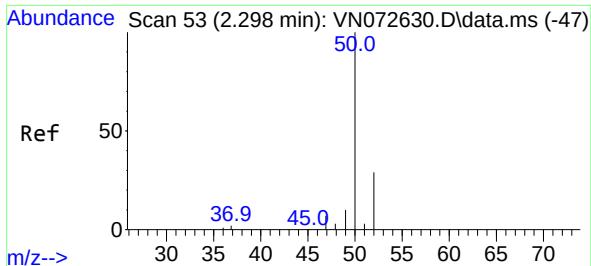


#2
Dichlorodifluoromethane
Concen: 81.096 ug/l
RT: 2.063 min Scan# 13
Delta R.T. -0.006 min
Lab File: VN072632.D
Acq: 26 May 2022 15:32



Tgt Ion: 85 Resp: 185701
Ion Ratio Lower Upper
85 100
87 32.6 16.6 49.7





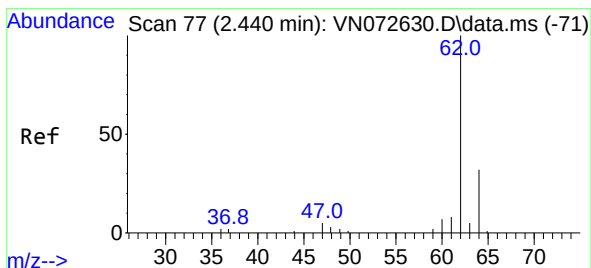
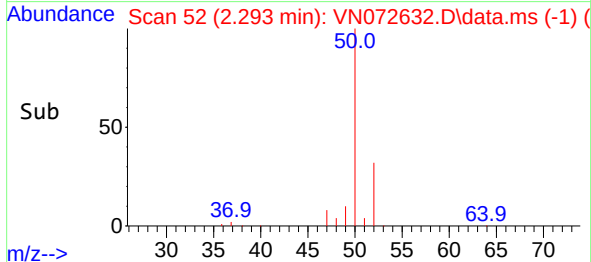
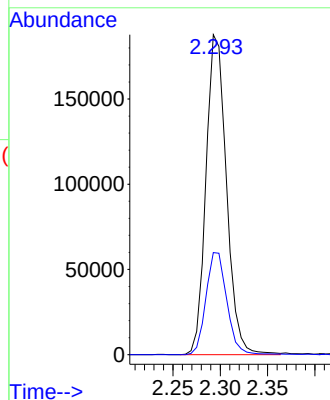
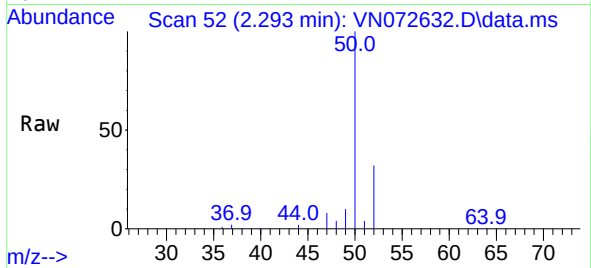
#3
Chloromethane
Concen: 129.100 ug/l
RT: 2.293 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN072632.D
Acq: 26 May 2022 15:32

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Tgt Ion: 50 Resp: 28284
Ion Ratio Lower Upper
50 100
52 31.9 27.8 41.6

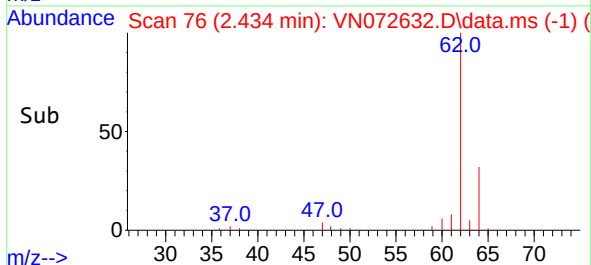
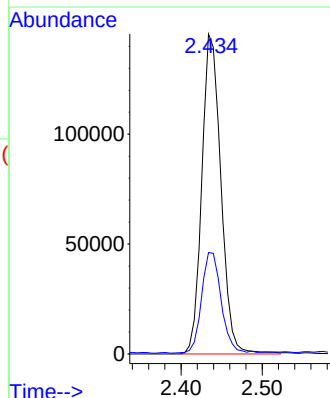
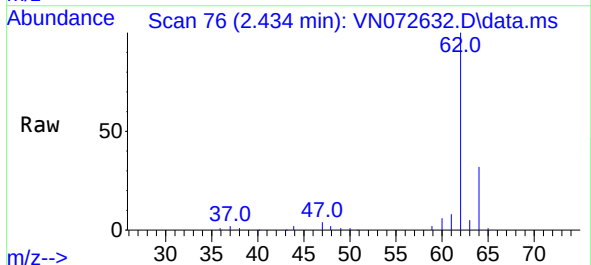
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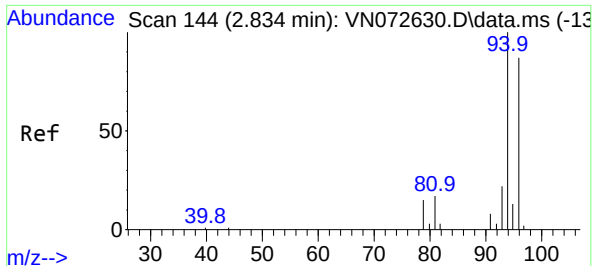
Reviewed By :John Carlone 05/27/2022
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#4
Vinyl Chloride
Concen: 127.773 ug/l
RT: 2.434 min Scan# 76
Delta R.T. -0.006 min
Lab File: VN072632.D
Acq: 26 May 2022 15:32

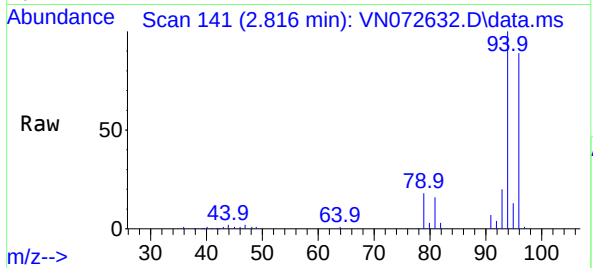
Tgt Ion: 62 Resp: 237662
Ion Ratio Lower Upper
62 100
64 31.3 25.1 37.7





#5
Bromomethane
Concen: 79.113 ug/l
RT: 2.816 min Scan# 144
Delta R.T. -0.018 min
Lab File: VN072632.D
Acq: 26 May 2022 15:32

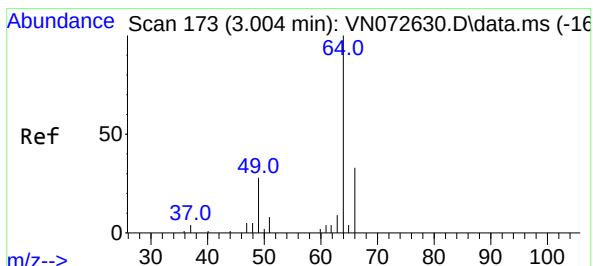
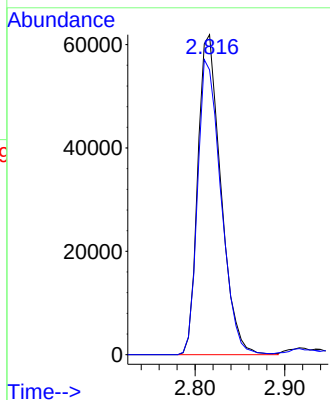
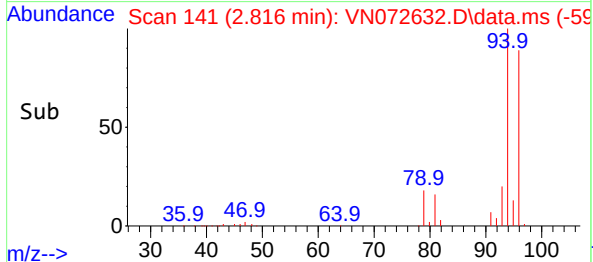
Instrument :
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VSTDICC100



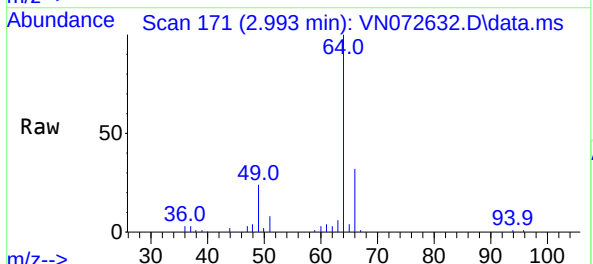
Tgt Ion: 94 Resp: 110428
Ion Ratio Lower Upper
94 100
96 89.0 75.2 112.8

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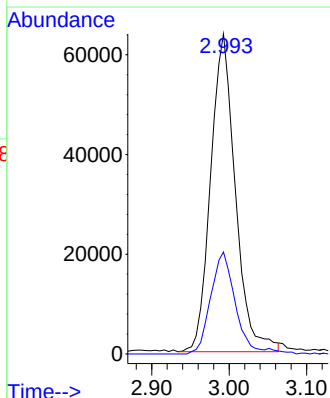
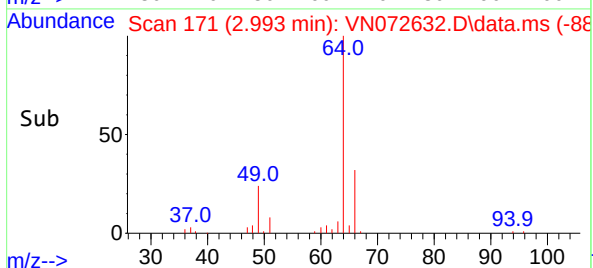
Reviewed By :John Carlone 05/27/2022
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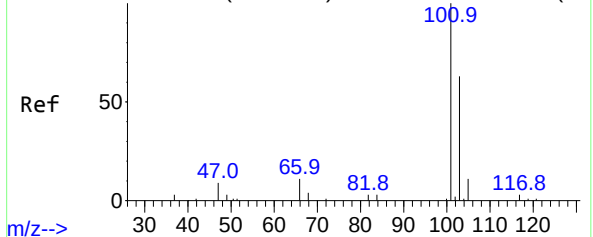
#6
Chloroethane
Concen: 115.629 ug/l
RT: 2.993 min Scan# 171
Delta R.T. -0.012 min
Lab File: VN072632.D
Acq: 26 May 2022 15:32



Tgt Ion: 64 Resp: 141242
Ion Ratio Lower Upper
64 100
66 32.1 24.6 36.8



Abundance Scan 235 (3.369 min): VN072630.D\data.ms (-22



#7

Trichlorofluoromethane

Concen: 67.868 ug/l

RT: 3.357 min Scan# 21

Delta R.T. -0.012 min

Lab File: VN072632.D

Acq: 26 May 2022 15:32

Instrument :

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ClientSampleId :

VSTDICC100

Tgt Ion:101 Resp: 274369

Ion Ratio Lower Upper

101 100

103 63.3 50.1 75.1

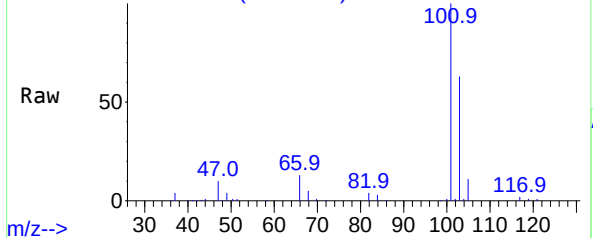
Manual Integrations

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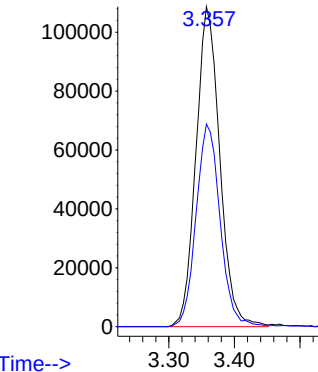
Reviewed By :John Carlone 05/27/2022

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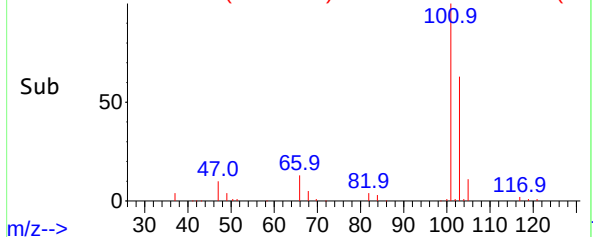
Abundance Scan 233 (3.357 min): VN072632.D\data.ms



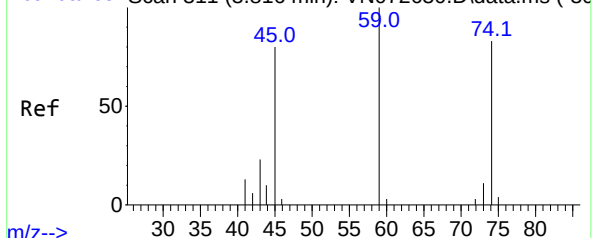
Abundance



Abundance Scan 233 (3.357 min): VN072632.D\data.ms (-15



Abundance Scan 311 (3.816 min): VN072630.D\data.ms (-30



#8

Diethyl Ether

Concen: 88.312 ug/l

RT: 3.816 min Scan# 311

Delta R.T. 0.000 min

Lab File: VN072632.D

Acq: 26 May 2022 15:32

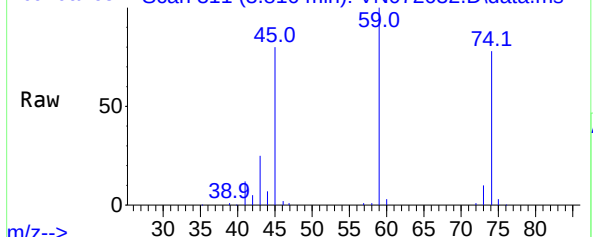
Tgt Ion: 74 Resp: 116424

Ion Ratio Lower Upper

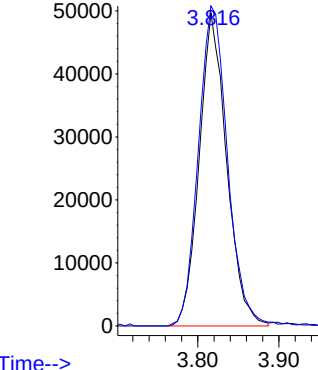
74 100

45 108.8 17.6 158.8

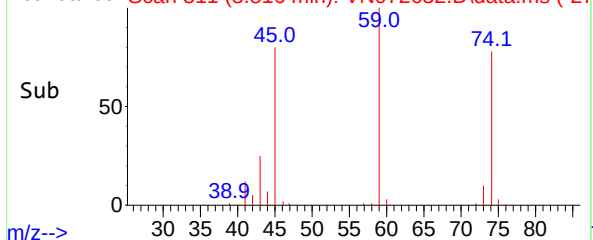
Abundance Scan 311 (3.816 min): VN072632.D\data.ms

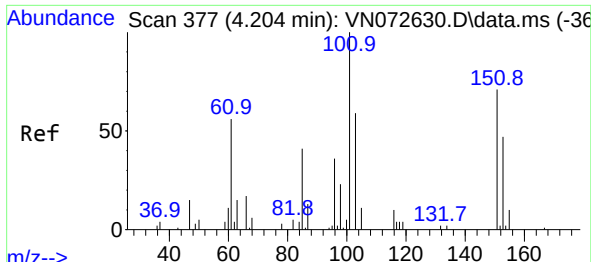


Abundance



Abundance Scan 311 (3.816 min): VN072632.D\data.ms (-27





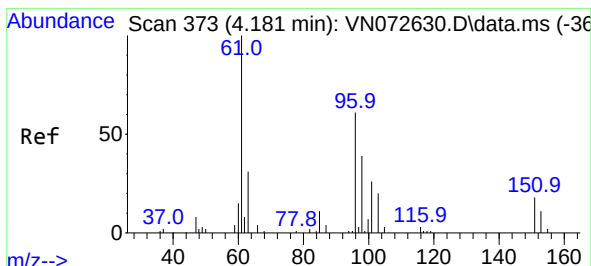
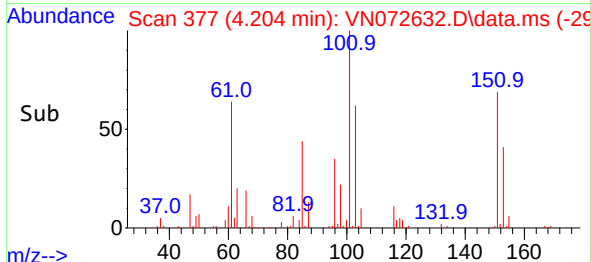
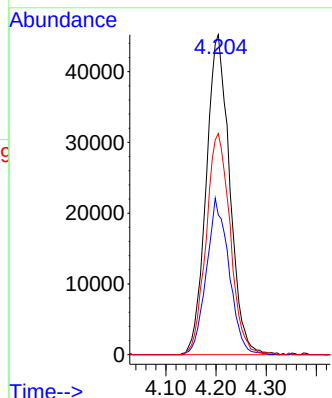
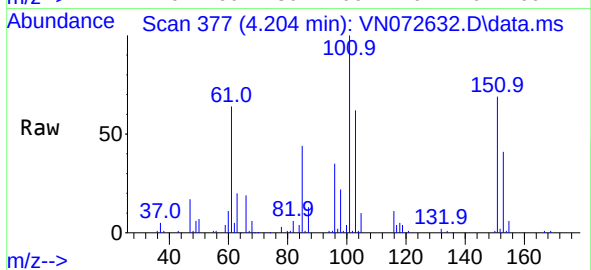
#9
1,1,2-Trichlorotrifluoroethane
Concen: 74.306 ug/l
RT: 4.204 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN072632.D
Acq: 26 May 2022 15:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion:101 Resp: 14703
Ion Ratio Lower Upper
101 100
85 47.1 0.0 94.0
151 70.5 0.0 74.6

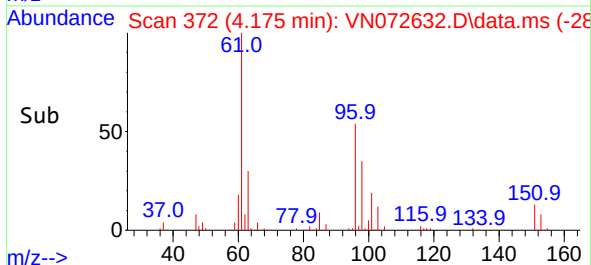
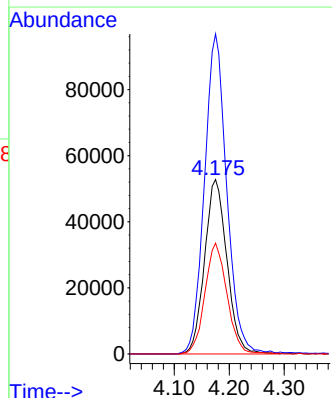
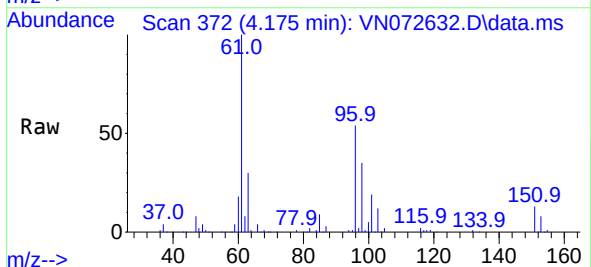
Manual Integrations
APPROVED

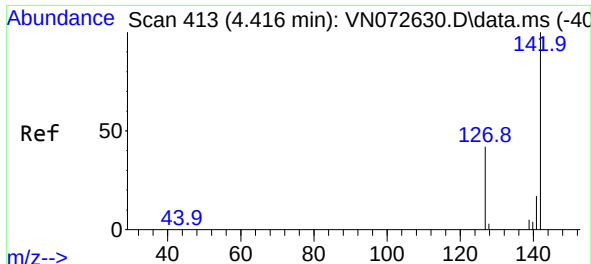
Reviewed By :John Carlone 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022



#10
1,1-Dichloroethene
Concen: 81.245 ug/l
RT: 4.175 min Scan# 372
Delta R.T. -0.006 min
Lab File: VN072632.D
Acq: 26 May 2022 15:32

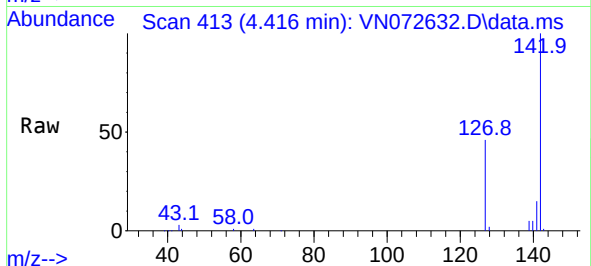
Tgt Ion: 96 Resp: 149188
Ion Ratio Lower Upper
96 100
61 182.9 126.2 189.4
98 63.6 50.9 76.3





#11
Methyl Iodide
Concen: 61.255 ug/l
RT: 4.416 min Scan# 413
Delta R.T. 0.000 min
Lab File: VN072632.D
Acq: 26 May 2022 15:32

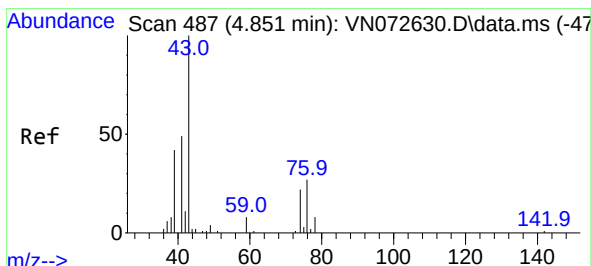
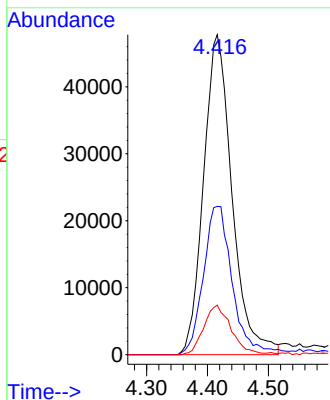
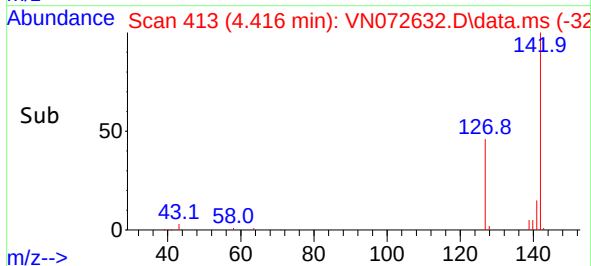
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



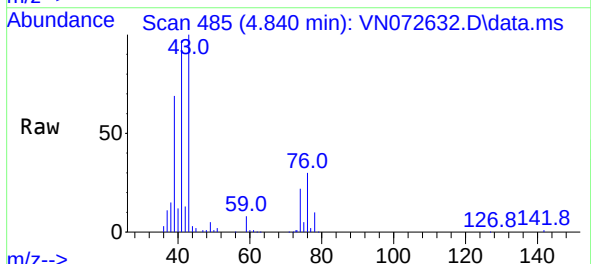
Tgt Ion:142 Resp: 15543
Ion Ratio Lower Upper
142 100
127 46.2 24.0 72.0
141 15.6 8.4 25.2

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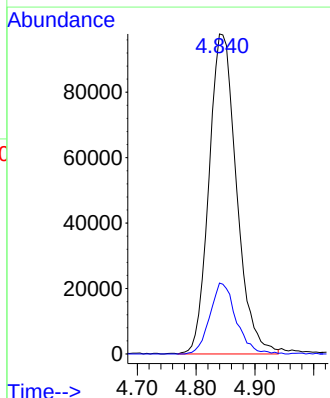
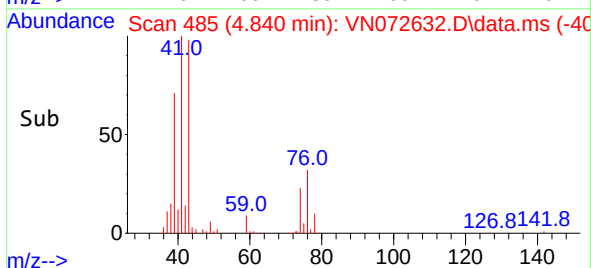
Reviewed By :John Carlone 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022

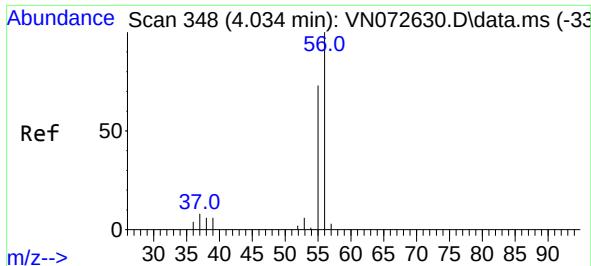


#12
Methyl Acetate
Concen: 105.219 ug/l
RT: 4.840 min Scan# 485
Delta R.T. -0.012 min
Lab File: VN072632.D
Acq: 26 May 2022 15:32



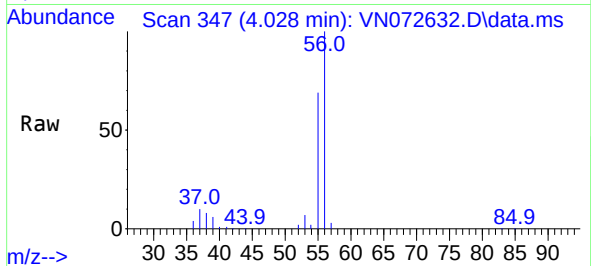
Tgt Ion: 43 Resp: 318707
Ion Ratio Lower Upper
43 100
74 22.2 20.8 31.2





#13
Acrolein
Concen: 390.933 ug/l
RT: 4.028 min Scan# 34
Delta R.T. -0.006 min
Lab File: VN072632.D
Acq: 26 May 2022 15:32

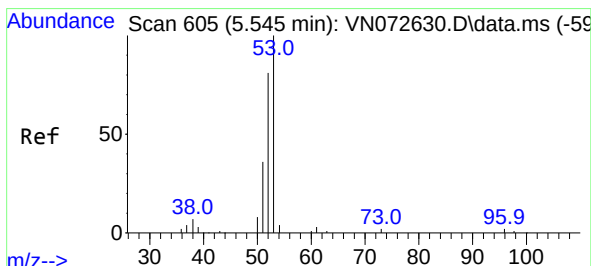
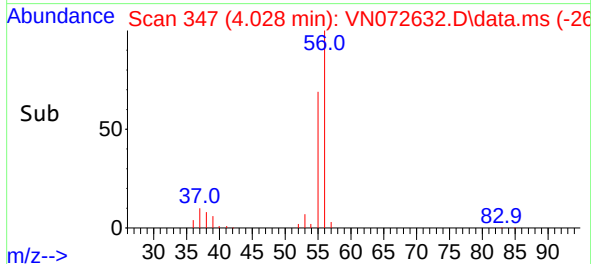
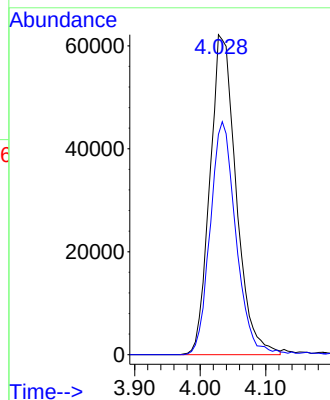
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion: 56 Resp: 172884
Ion Ratio Lower Upper
56 100
55 70.2 57.6 86.4

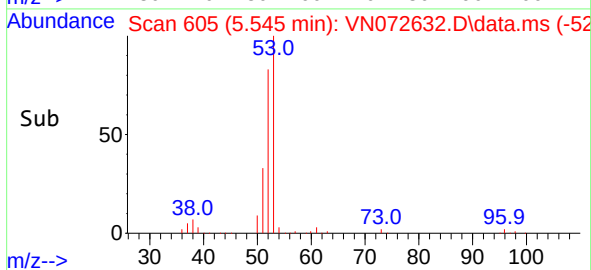
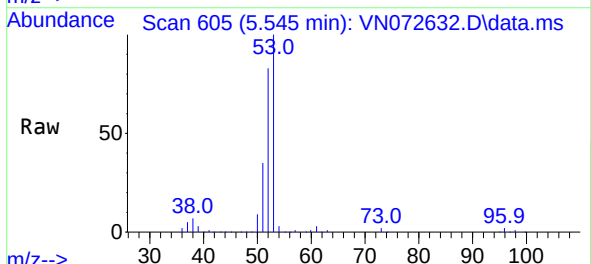
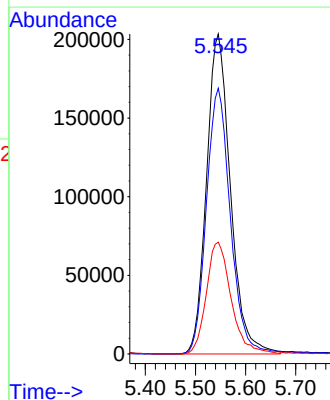
Manual Integrations
APPROVED

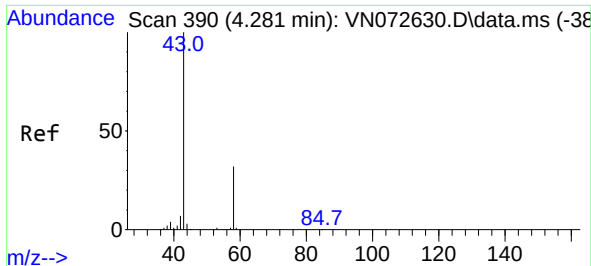
Reviewed By :John Carlone 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022



#14
Acrylonitrile
Concen: 516.435 ug/l
RT: 5.545 min Scan# 605
Delta R.T. 0.000 min
Lab File: VN072632.D
Acq: 26 May 2022 15:32

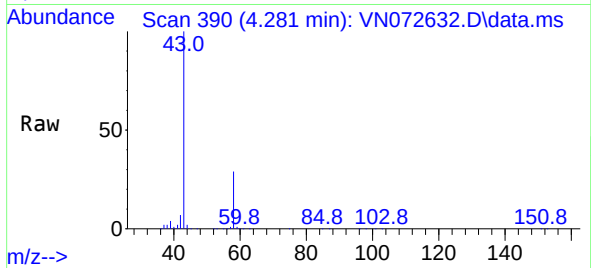
Tgt Ion: 53 Resp: 674911
Ion Ratio Lower Upper
53 100
52 83.0 41.8 125.4
51 36.1 19.0 57.0





#15
Acetone
Concen: 488.127 ug/l
RT: 4.281 min Scan# 390
Delta R.T. 0.000 min
Lab File: VN072632.D
Acq: 26 May 2022 15:32

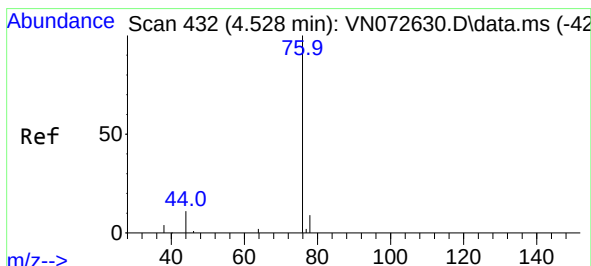
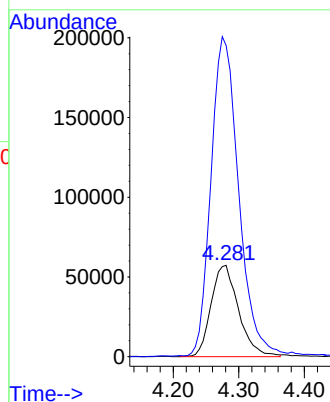
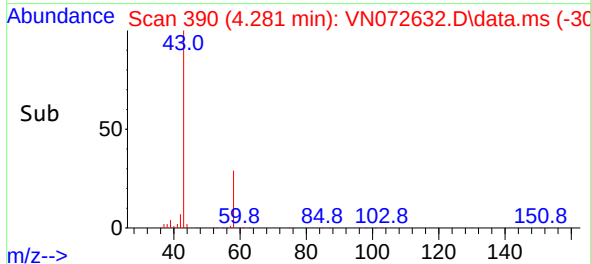
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



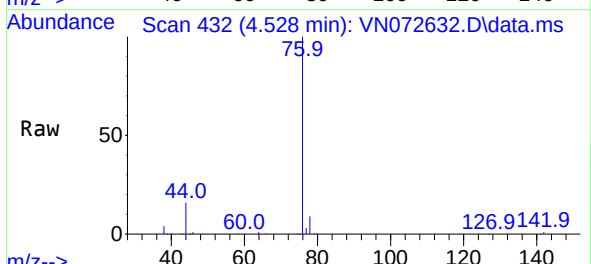
Tgt Ion: 58 Resp: 166934
Ion Ratio Lower Upper
58 100
43 339.4 256.6 384.8

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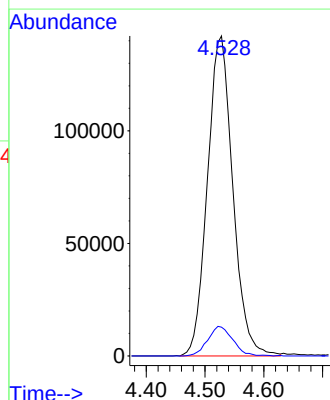
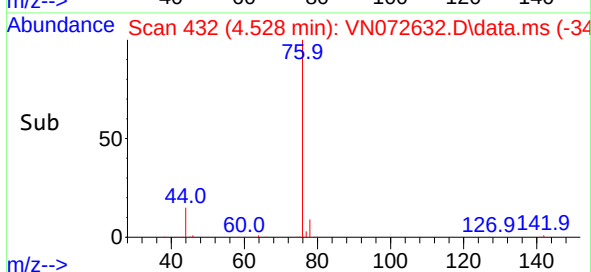
Reviewed By :John Carlone 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022

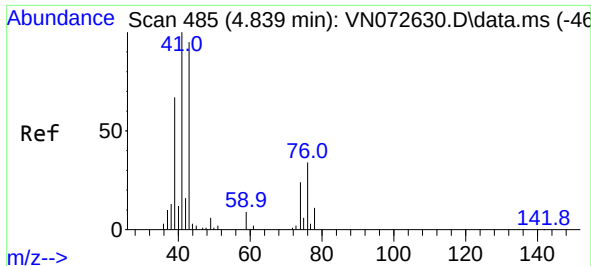


#16
Carbon Disulfide
Concen: 89.512 ug/l
RT: 4.528 min Scan# 432
Delta R.T. 0.000 min
Lab File: VN072632.D
Acq: 26 May 2022 15:32



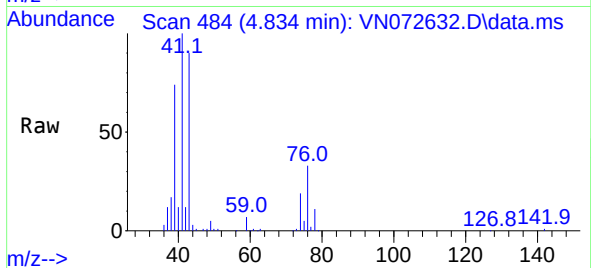
Tgt Ion: 76 Resp: 426393
Ion Ratio Lower Upper
76 100
78 9.0 7.8 11.8





#17
 Allyl chloride
 Concen: 104.035 ug/l
 RT: 4.834 min Scan# 484
 Delta R.T. -0.006 min
 Lab File: VN072632.D
 Acq: 26 May 2022 15:32

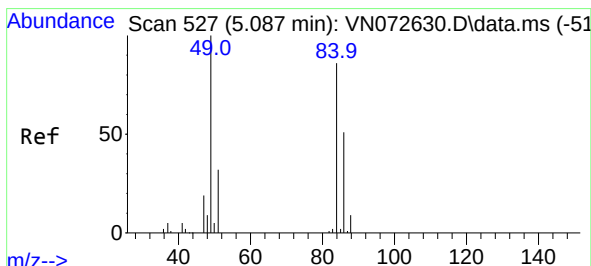
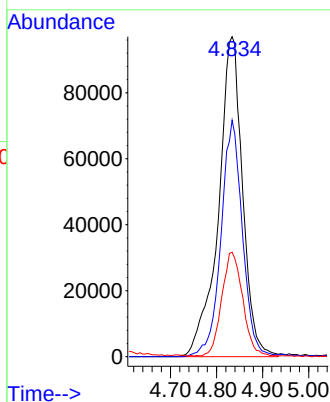
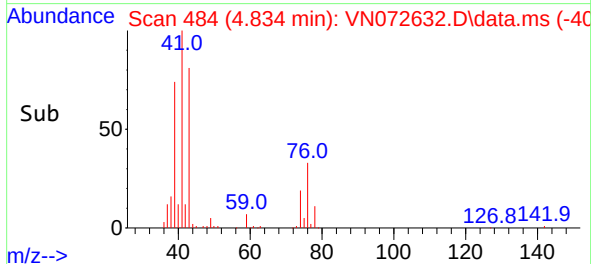
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100



Tgt Ion: 41 Resp: 35257
 Ion Ratio Lower Upper
 41 100
 39 73.9 44.6 134.0
 76 32.5 19.6 58.7

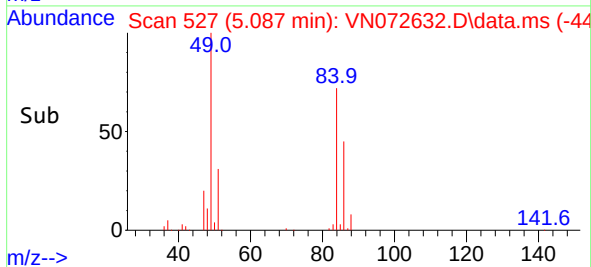
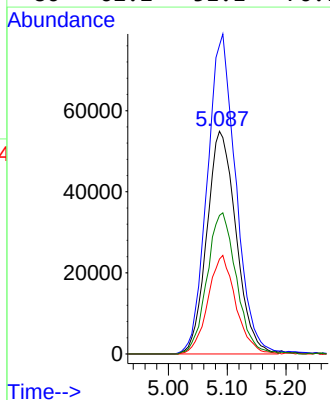
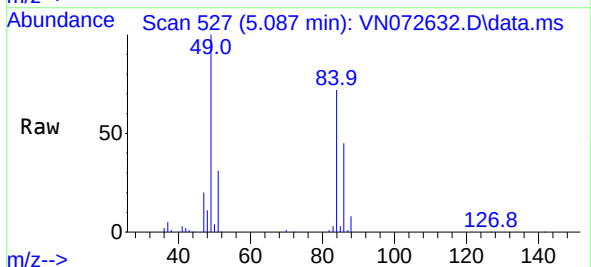
Manual Integrations
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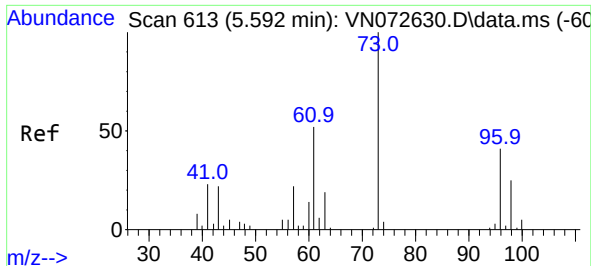
Reviewed By :John Carlone 05/27/2022
 Supervised By :Mahesh Dadoda 05/27/2022



#18
 Methylene Chloride
 Concen: 85.389 ug/l
 RT: 5.087 min Scan# 527
 Delta R.T. 0.000 min
 Lab File: VN072632.D
 Acq: 26 May 2022 15:32

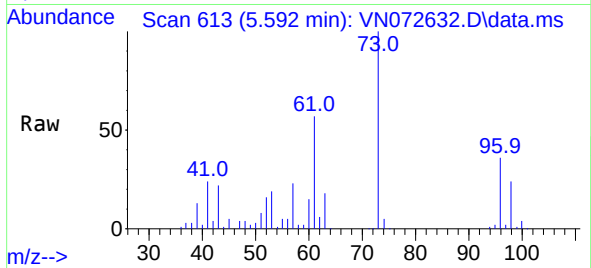
Tgt Ion: 84 Resp: 189738
 Ion Ratio Lower Upper
 84 100
 49 138.1 91.4 137.0#
 51 42.6 29.4 44.0
 86 62.2 51.1 76.7





#19
trans-1,2-Dichloroethene
Concen: 79.320 ug/l
RT: 5.592 min Scan# 613
Delta R.T. 0.000 min
Lab File: VN072632.D
Acq: 26 May 2022 15:32

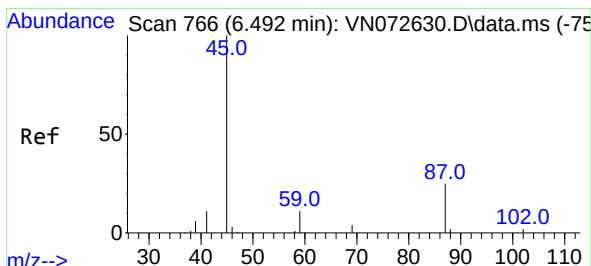
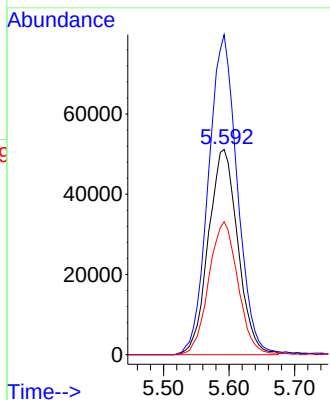
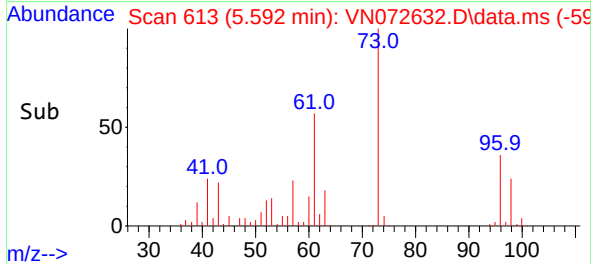
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



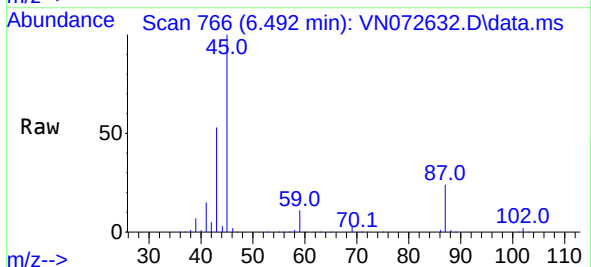
Tgt Ion: 96 Resp: 15988
Ion Ratio Lower Upper
96 100
61 155.2 102.8 154.2
98 64.4 49.3 73.9

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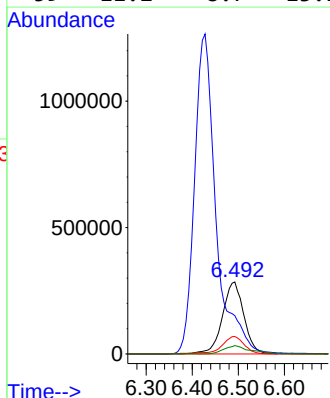
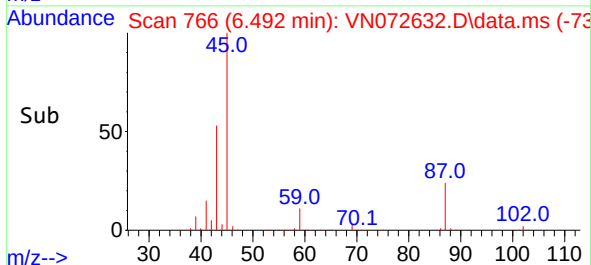
Reviewed By :John Carlone 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022

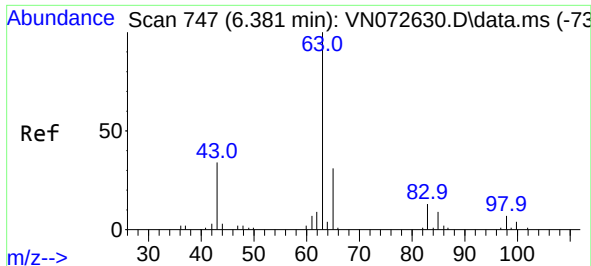


#20
Diisopropyl ether
Concen: 129.050 ug/l
RT: 6.492 min Scan# 766
Delta R.T. 0.000 min
Lab File: VN072632.D
Acq: 26 May 2022 15:32



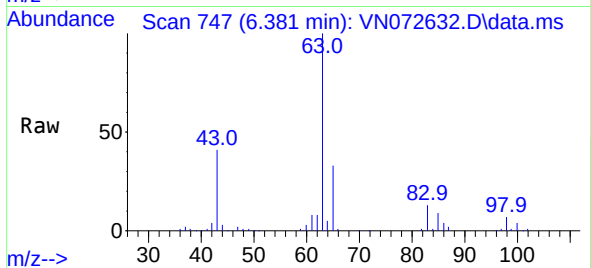
Tgt Ion: 45 Resp: 916950
Ion Ratio Lower Upper
45 100
43 51.7 51.0 76.4
87 24.0 25.0 37.4
59 11.2 8.7 13.1





#21
1,1-Dichloroethane
Concen: 112.916 ug/l
RT: 6.381 min Scan# 747
Delta R.T. 0.000 min
Lab File: VN072632.D
Acq: 26 May 2022 15:32

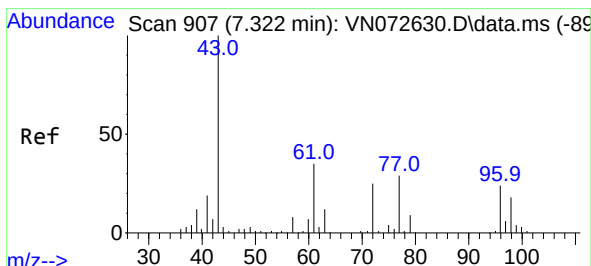
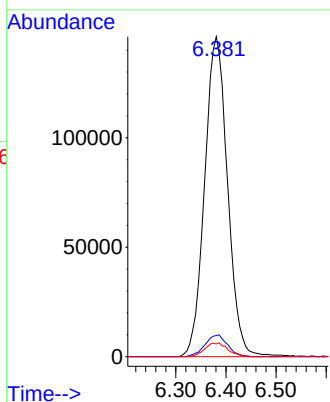
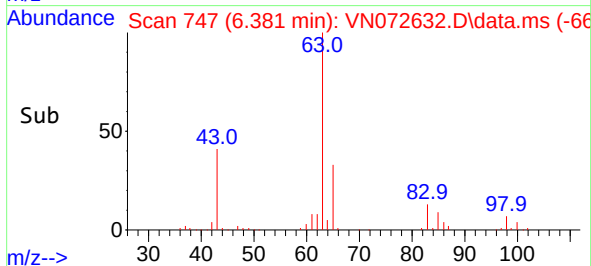
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



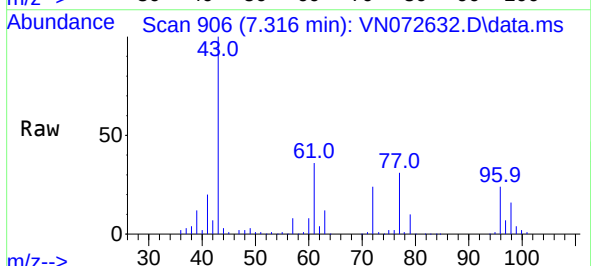
Tgt Ion: 63 Resp: 463412
Ion Ratio Lower Upper
63 100
98 6.6 3.2 9.6
100 4.0 2.1 6.2

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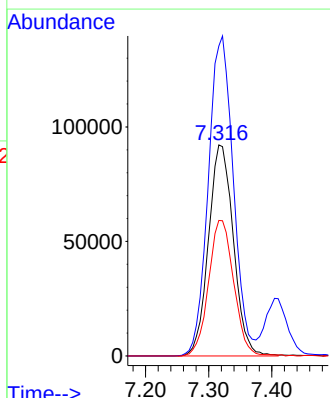
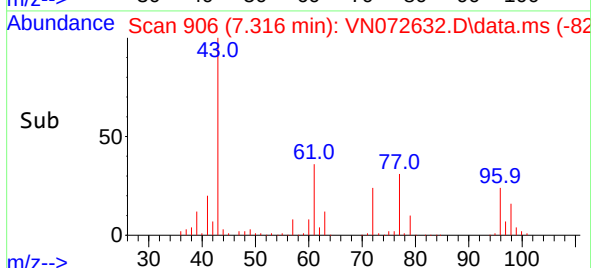
Reviewed By :John Carlone 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022

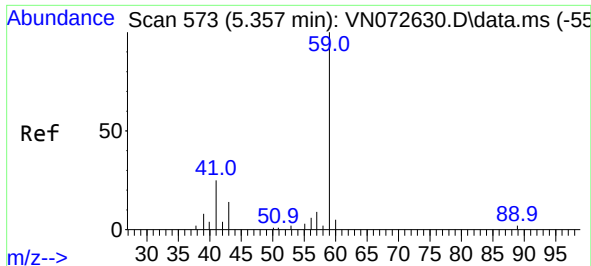


#22
cis-1,2-Dichloroethene
Concen: 106.067 ug/l
RT: 7.316 min Scan# 906
Delta R.T. -0.006 min
Lab File: VN072632.D
Acq: 26 May 2022 15:32



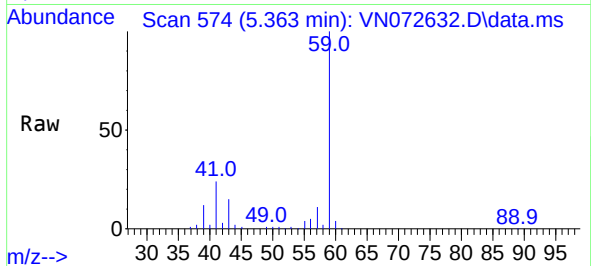
Tgt Ion: 96 Resp: 252766
Ion Ratio Lower Upper
96 100
61 152.6 115.7 173.5
98 64.7 51.6 77.4





#23
tert-Butyl Alcohol
Concen: 439.931 ug/l
RT: 5.363 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN072632.D
Acq: 26 May 2022 15:32

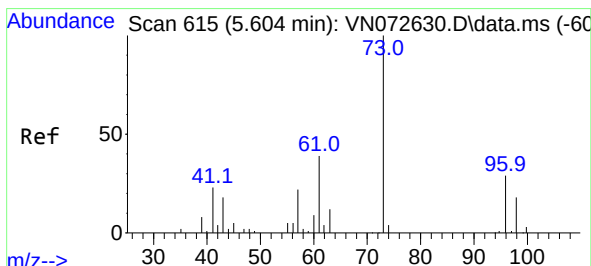
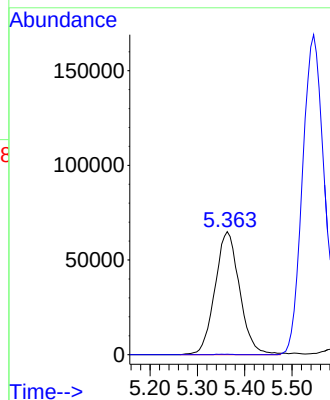
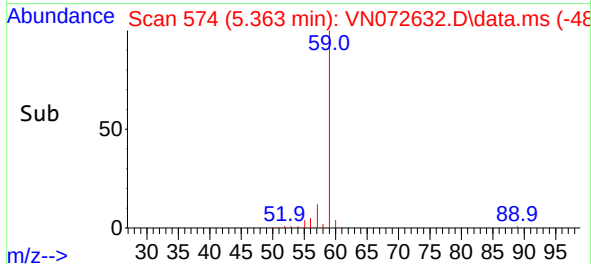
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion: 59 Resp: 234734
Ion Ratio Lower Upper
59 100
52 0.1 0.0 0.0

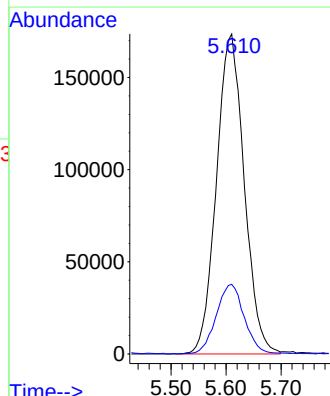
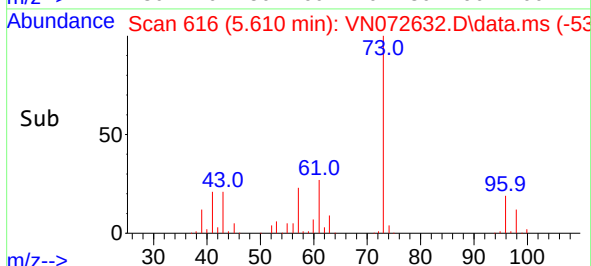
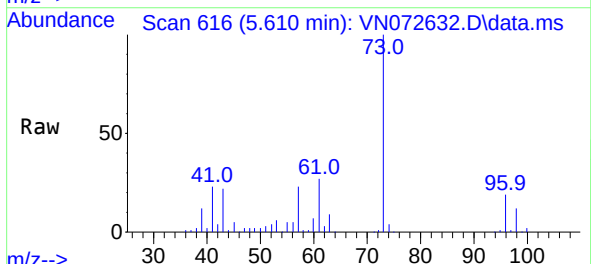
Manual Integrations
APPROVED

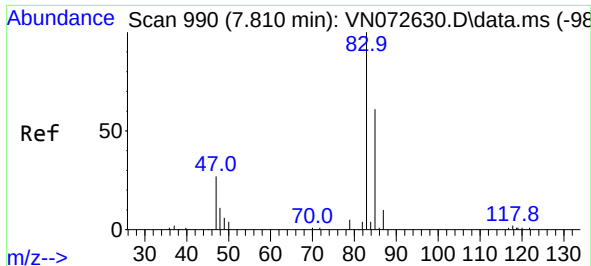
Reviewed By :John Carlone 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022



#24
Methyl tert-Butyl Ether
Concen: 82.881 ug/l
RT: 5.610 min Scan# 616
Delta R.T. 0.006 min
Lab File: VN072632.D
Acq: 26 May 2022 15:32

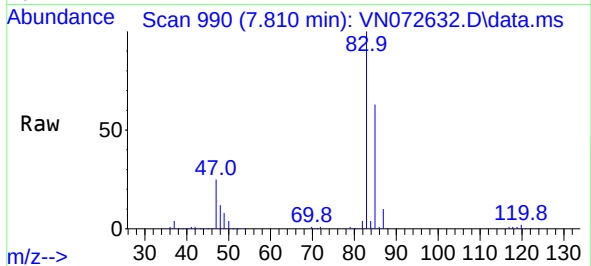
Tgt Ion: 73 Resp: 609025
Ion Ratio Lower Upper
73 100
43 21.7 18.1 27.1





#25
Chloroform
Concen: 97.853 ug/l
RT: 7.810 min Scan# 990
Delta R.T. 0.000 min
Lab File: VN072632.D
Acq: 26 May 2022 15:32

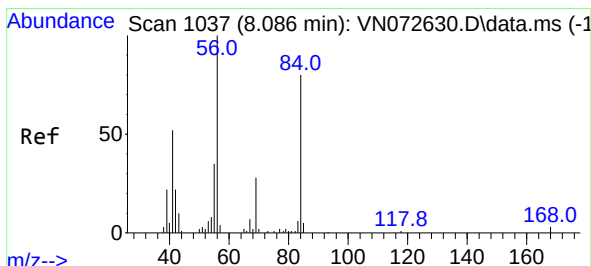
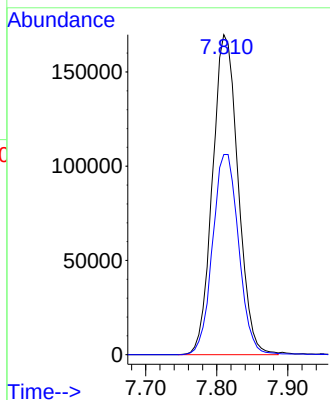
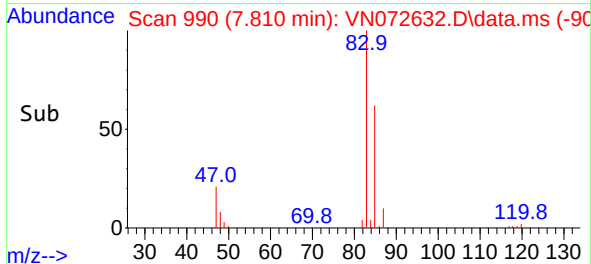
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



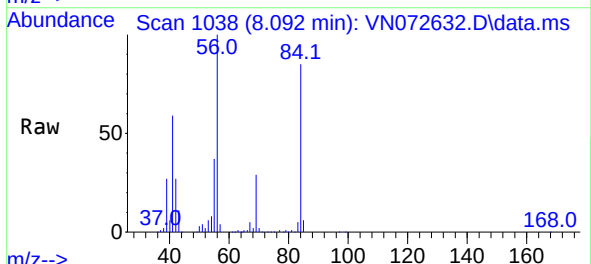
Tgt Ion: 83 Resp: 424368
Ion Ratio Lower Upper
83 100
85 62.5 51.3 76.9

Manual Integrations
APPROVED

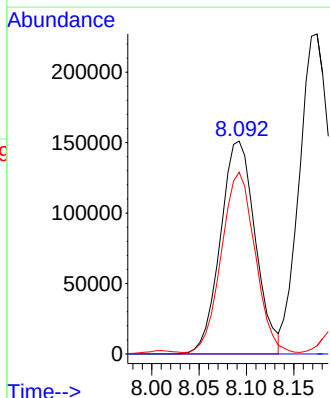
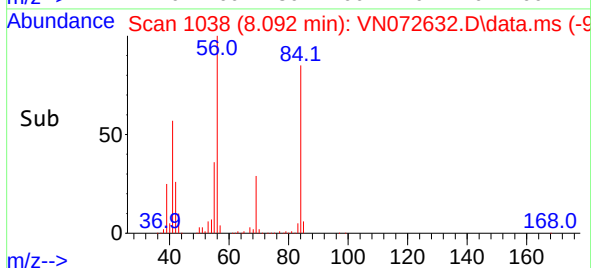
Reviewed By :John Carlone 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022

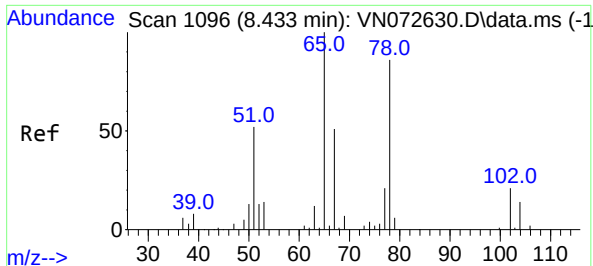


#26
Cyclohexane
Concen: 114.224 ug/l
RT: 8.092 min Scan# 1038
Delta R.T. 0.006 min
Lab File: VN072632.D
Acq: 26 May 2022 15:32



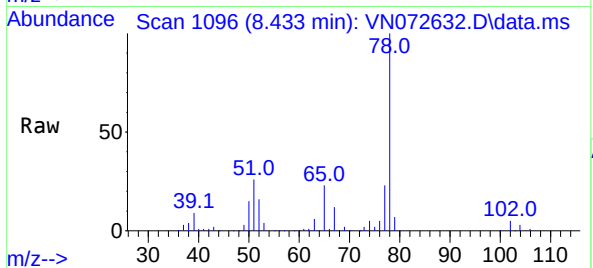
Tgt Ion: 56 Resp: 388056
Ion Ratio Lower Upper
56 100
89 0.0 0.1 0.1#
84 83.3 74.6 111.8





#27
1,2-Dichloroethane-d4
Concen: 29.169 ug/l
RT: 8.433 min Scan# 1096
Delta R.T. 0.000 min
Lab File: VN072632.D
Acq: 26 May 2022 15:32

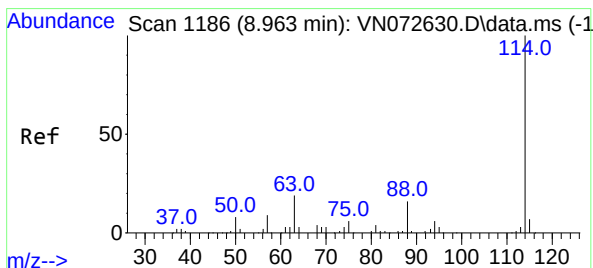
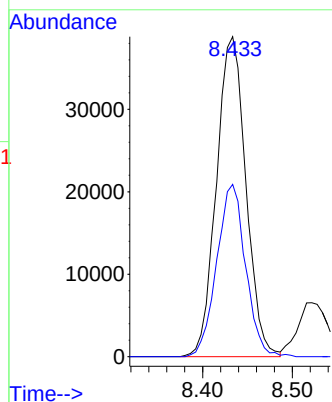
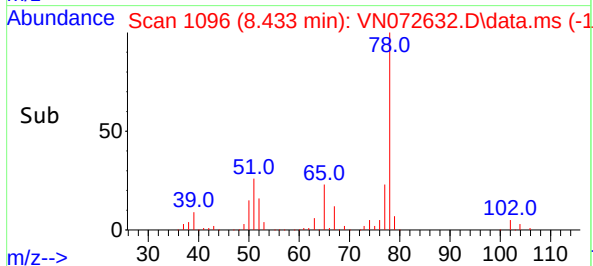
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



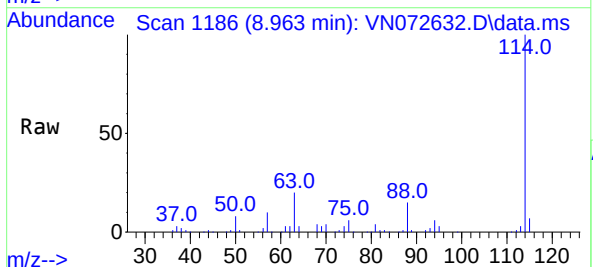
Tgt Ion: 65 Resp: 8848
Ion Ratio Lower Upper
65 100
67 52.5 40.2 60.2

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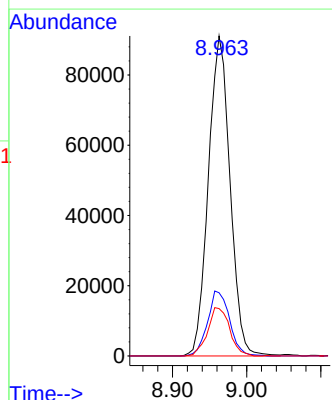
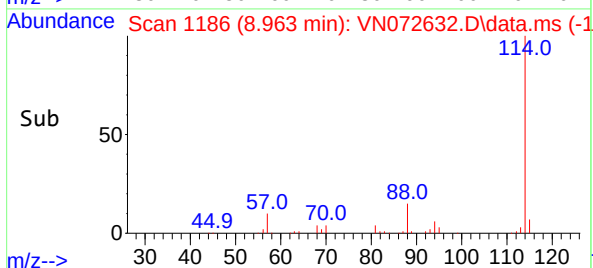
Reviewed By :John Carlone 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022

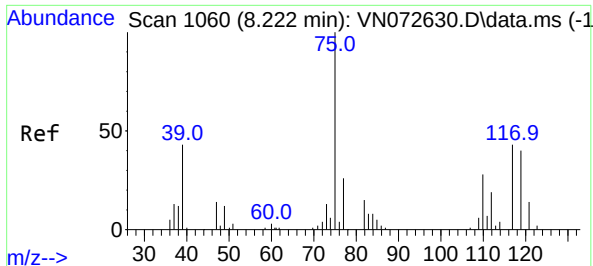


#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. 0.000 min
Lab File: VN072632.D
Acq: 26 May 2022 15:32



Tgt Ion:114 Resp: 185230
Ion Ratio Lower Upper
114 100
63 20.6 15.8 23.6
88 15.3 11.6 17.4





#29
1,1-Dichloropropene
Concen: 95.590 ug/l
RT: 8.216 min Scan# 1059
Delta R.T. -0.006 min
Lab File: VN072632.D
Acq: 26 May 2022 15:32

Instrument :

MSVOA_N

ClientSampleId :

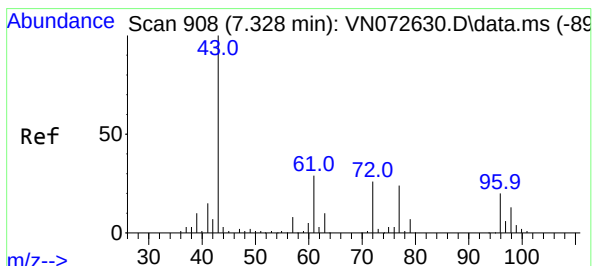
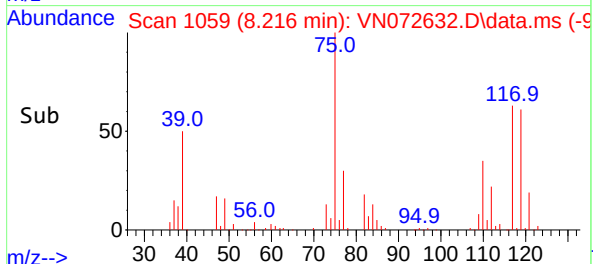
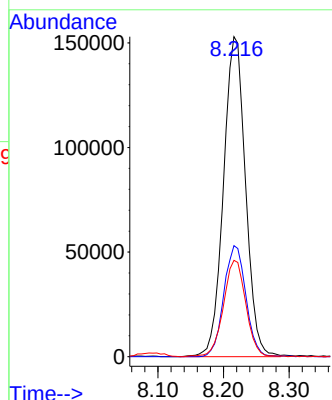
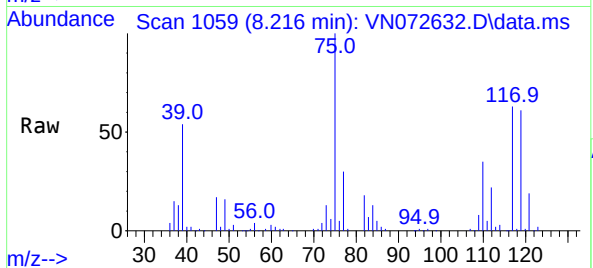
VSTDICC100

Tgt Ion: 75 Resp: 356820
Ion Ratio Lower Upper
75 100
110 34.6 0.0 74.2
77 30.6 0.0 63.2

Manual Integrations

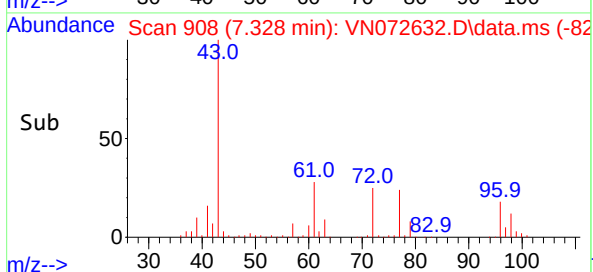
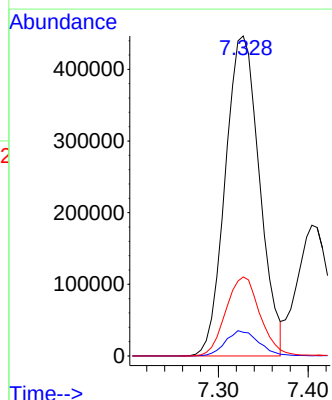
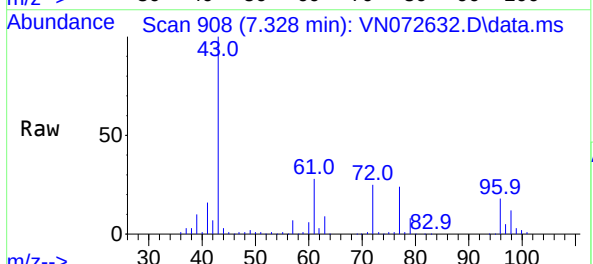
APPROVED

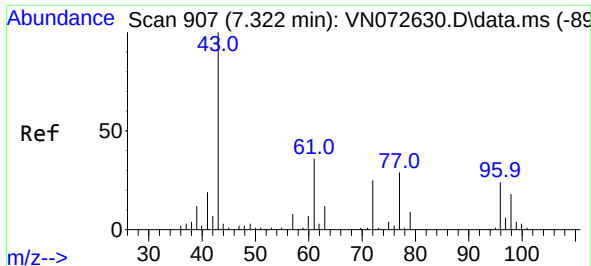
Reviewed By :John Carlone 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022



#30
2-Butanone
Concen: 528.717 ug/l
RT: 7.328 min Scan# 908
Delta R.T. 0.000 min
Lab File: VN072632.D
Acq: 26 May 2022 15:32

Tgt Ion: 43 Resp: 1184903
Ion Ratio Lower Upper
43 100
57 7.7 6.7 10.1
72 24.6 23.2 34.8





#31

2,2-Dichloropropane

Concen: 77.630 ug/l

RT: 7.316 min Scan# 906

Delta R.T. -0.006 min

Lab File: VN072632.D

Acq: 26 May 2022 15:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

Tgt Ion: 77 Resp: 349708

Ion Ratio Lower Upper

77 100

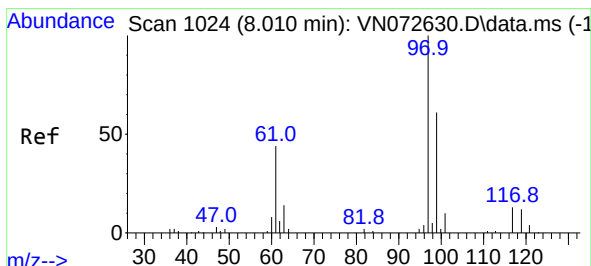
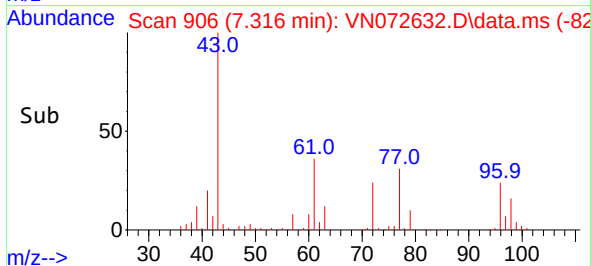
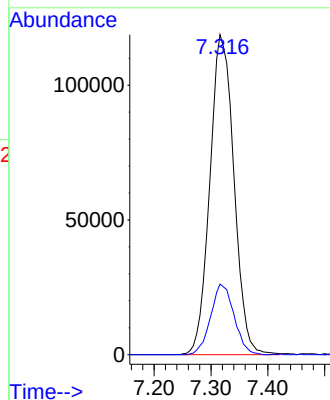
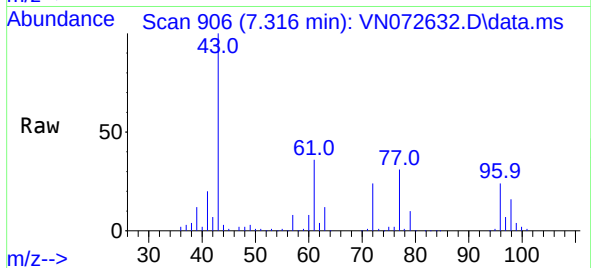
97 21.5 18.3 27.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/27/2022

Supervised By :Mahesh Dadoda 05/27/2022



#32

1,1,1-Trichloroethane

Concen: 68.284 ug/l

RT: 8.010 min Scan# 1024

Delta R.T. 0.000 min

Lab File: VN072632.D

Acq: 26 May 2022 15:32

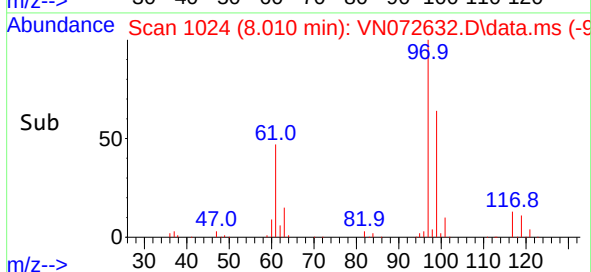
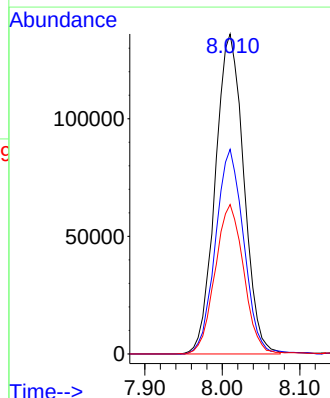
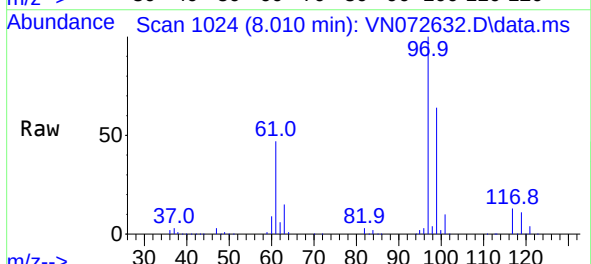
Tgt Ion: 97 Resp: 347448

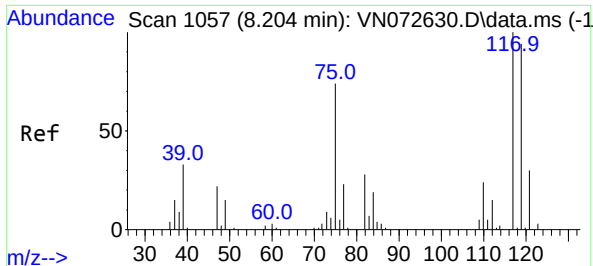
Ion Ratio Lower Upper

97 100

99 62.9 50.4 75.6

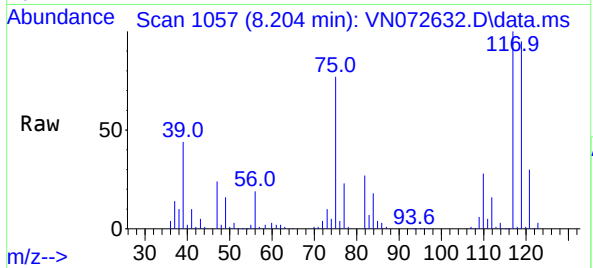
61 47.0 34.6 51.8





#33
Carbon Tetrachloride
Concen: 77.845 ug/l
RT: 8.204 min Scan# 1100
Delta R.T. 0.000 min
Lab File: VN072632.D
Acq: 26 May 2022 15:32

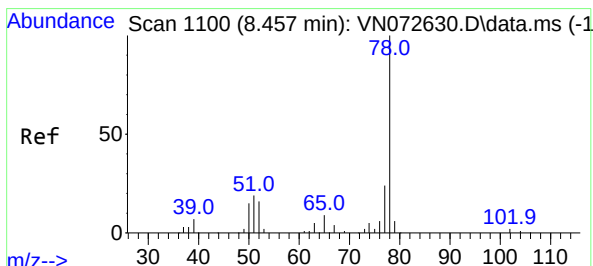
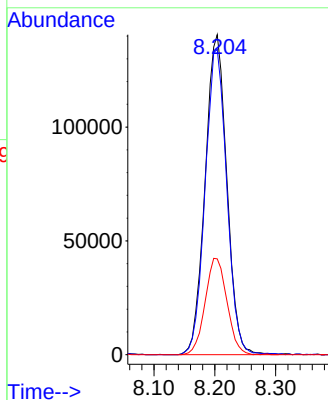
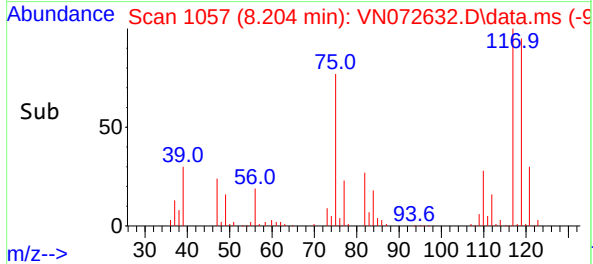
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



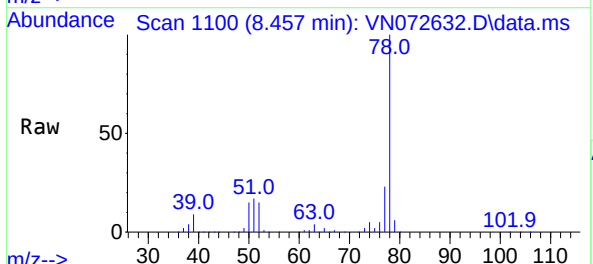
Tgt Ion: 117 Resp: 34798
Ion Ratio Lower Upper
117 100
119 95.4 77.5 116.3
121 30.0 23.5 35.3

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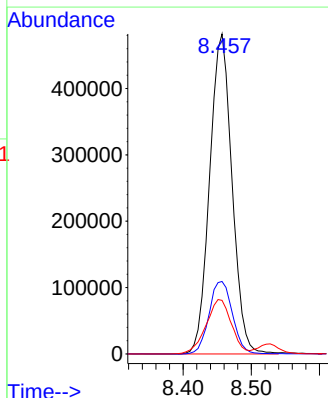
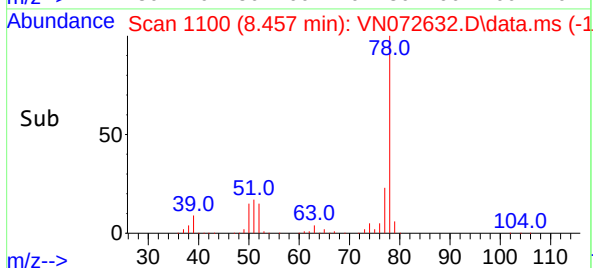
Reviewed By :John Carlone 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022

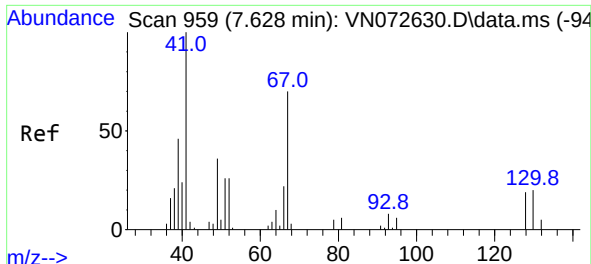


#34
Benzene
Concen: 101.959 ug/l
RT: 8.457 min Scan# 1100
Delta R.T. 0.000 min
Lab File: VN072632.D
Acq: 26 May 2022 15:32



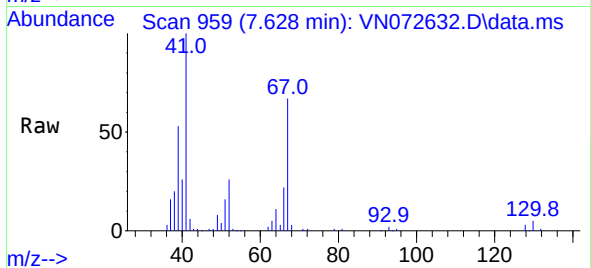
Tgt Ion: 78 Resp: 1101258
Ion Ratio Lower Upper
78 100
77 22.6 19.1 28.7
51 16.6 16.0 24.0





#35
Methacrylonitrile
Concen: 103.237 ug/l
RT: 7.628 min Scan# 959
Delta R.T. 0.000 min
Lab File: VN072632.D
Acq: 26 May 2022 15:32

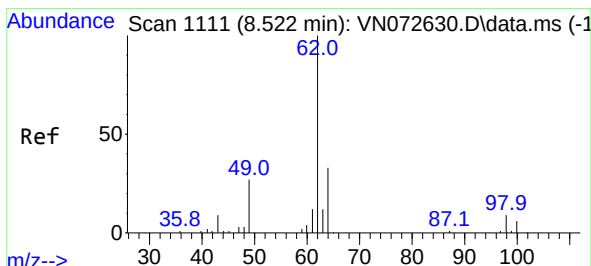
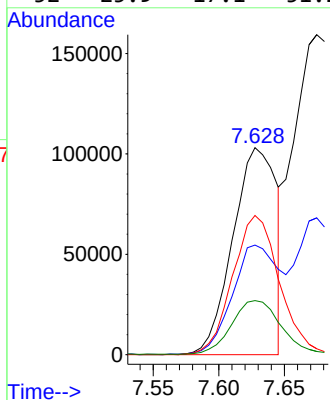
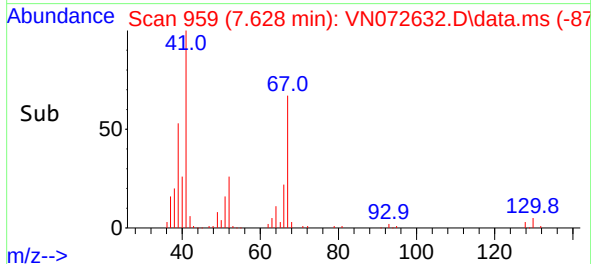
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



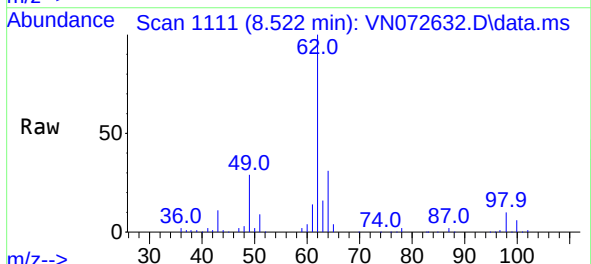
Tgt Ion: 41 Resp: 23832
Ion Ratio Lower Upper
41 100
39 52.7 28.0 83.9
67 67.2 37.7 113.1
52 25.9 17.1 51.2

Manual Integrations
APPROVED

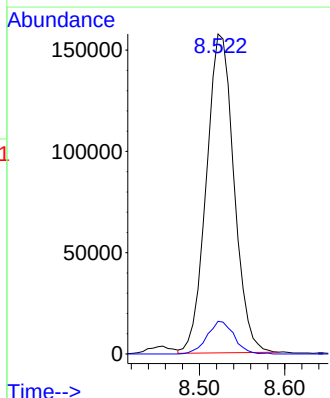
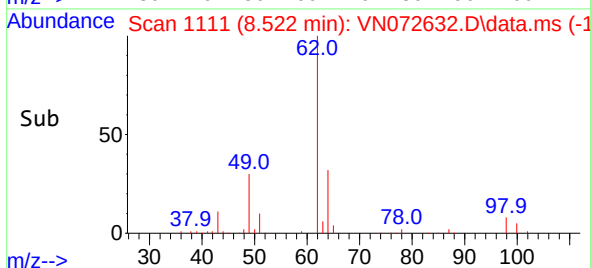
Reviewed By :John Carlone 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022

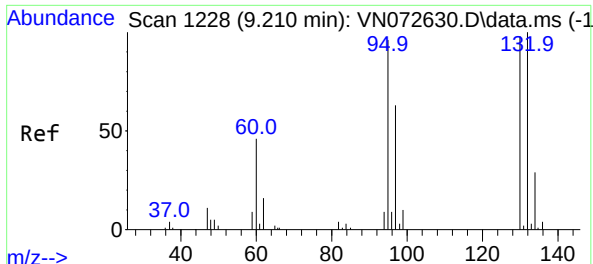


#36
1,2-Dichloroethane
Concen: 75.824 ug/l
RT: 8.522 min Scan# 1111
Delta R.T. 0.000 min
Lab File: VN072632.D
Acq: 26 May 2022 15:32



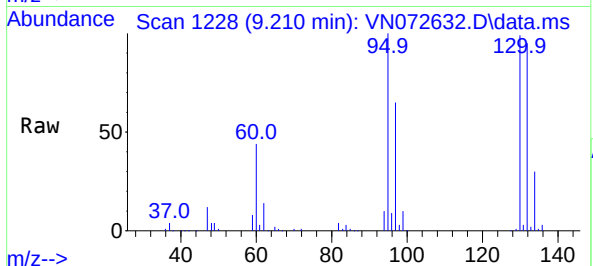
Tgt Ion: 62 Resp: 354339
Ion Ratio Lower Upper
62 100
98 9.9 6.6 10.0





#37
Trichloroethene
Concen: 91.963 ug/l
RT: 9.210 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VN072632.D
Acq: 26 May 2022 15:32

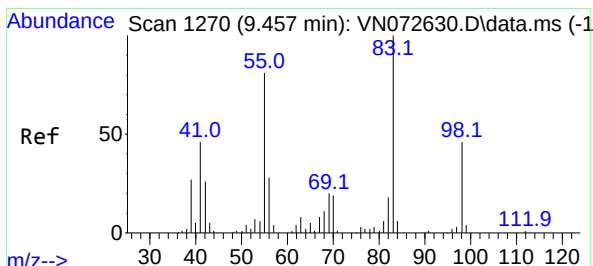
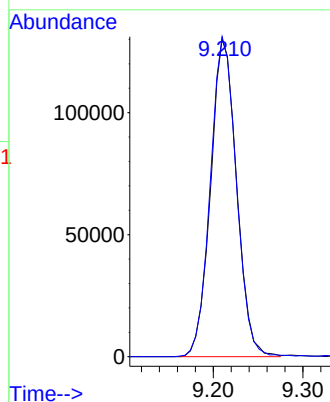
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion:130 Resp: 26158
Ion Ratio Lower Upper
130 100
95 100.6 76.6 115.0

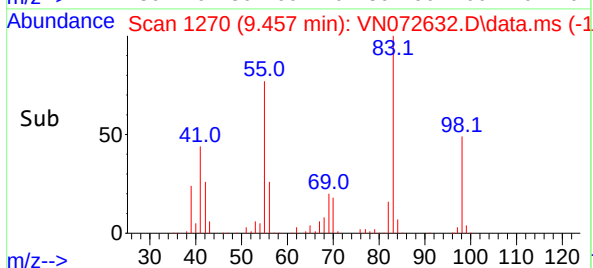
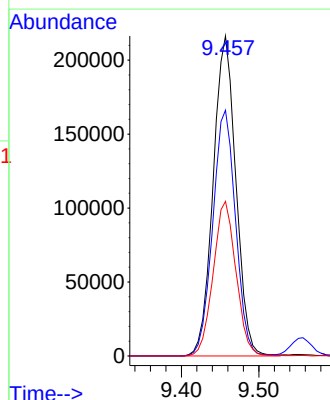
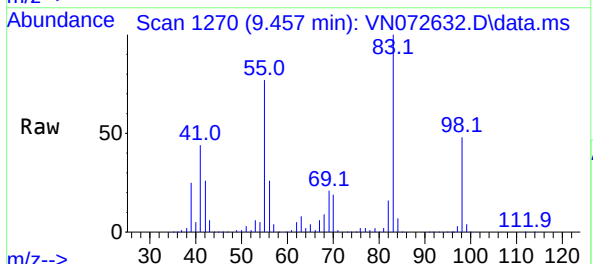
Manual Integrations
APPROVED

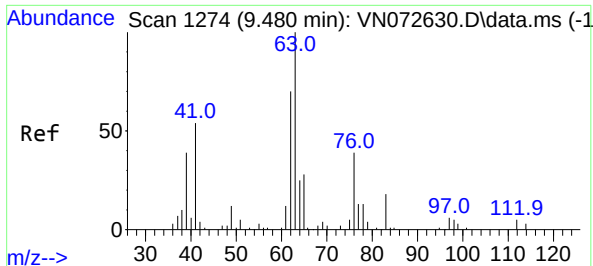
Reviewed By :John Carlone 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022



#38
Methylcyclohexane
Concen: 101.564 ug/l
RT: 9.457 min Scan# 1270
Delta R.T. 0.000 min
Lab File: VN072632.D
Acq: 26 May 2022 15:32

Tgt Ion: 83 Resp: 440707
Ion Ratio Lower Upper
83 100
55 76.9 35.1 105.3
98 48.4 23.4 70.2





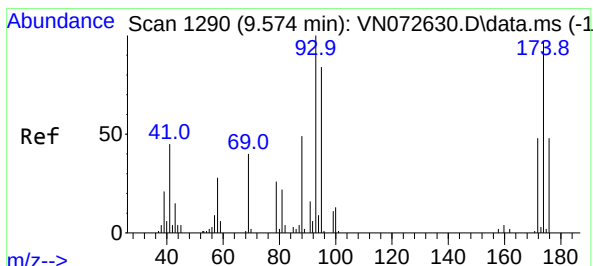
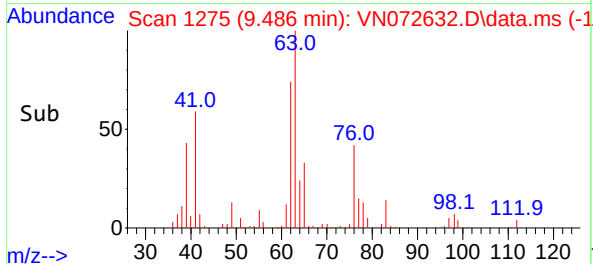
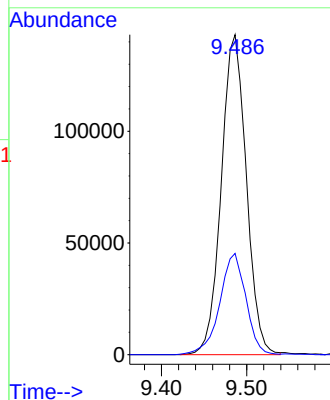
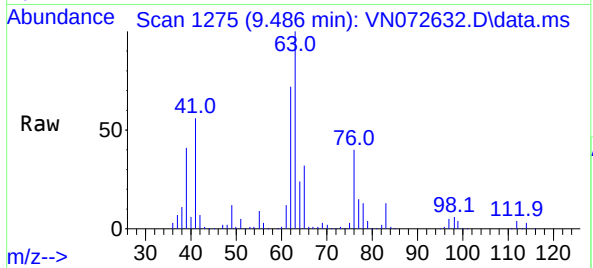
#39
1,2-Dichloropropane
Concen: 106.537 ug/l
RT: 9.486 min Scan# 1274
Delta R.T. 0.006 min
Lab File: VN072632.D
Acq: 26 May 2022 15:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion: 63 Resp: 29234
Ion Ratio Lower Upper
63 100
65 31.5 24.2 36.4

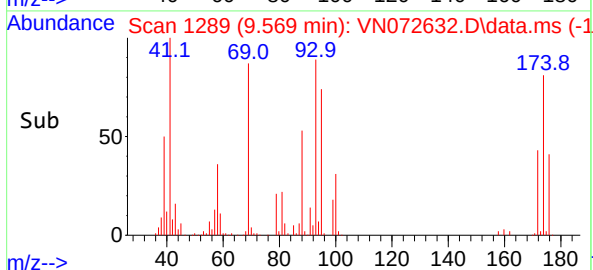
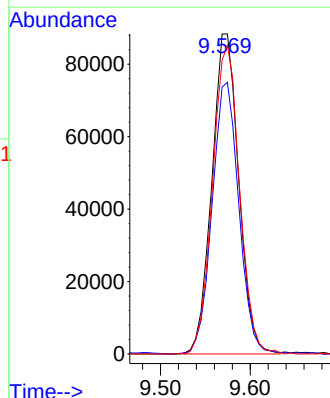
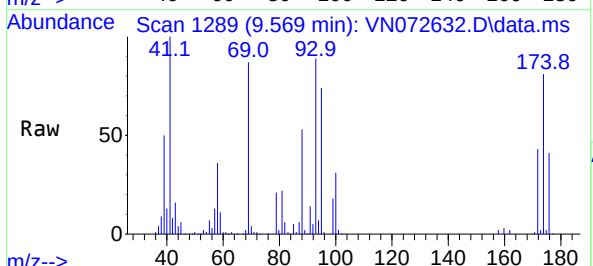
Manual Integrations
APPROVED

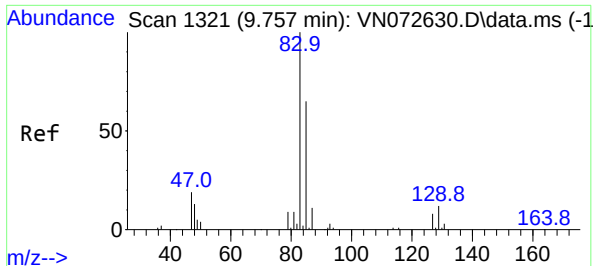
Reviewed By :John Carlone 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022



#40
Dibromomethane
Concen: 90.500 ug/l
RT: 9.569 min Scan# 1289
Delta R.T. -0.006 min
Lab File: VN072632.D
Acq: 26 May 2022 15:32

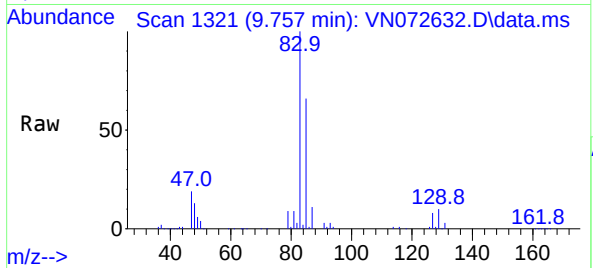
Tgt Ion: 93 Resp: 183834
Ion Ratio Lower Upper
93 100
95 84.6 0.0 168.8
174 96.7 0.0 173.6





#41
Bromodichloromethane
Concen: 87.806 ug/l
RT: 9.757 min Scan# 1321
Delta R.T. 0.000 min
Lab File: VN072632.D
Acq: 26 May 2022 15:32

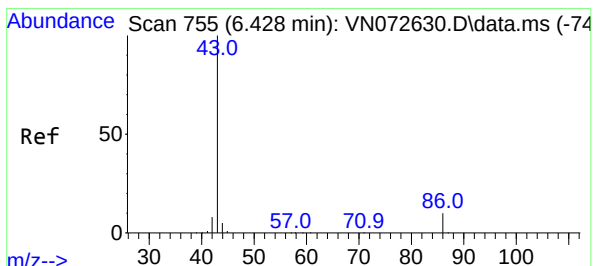
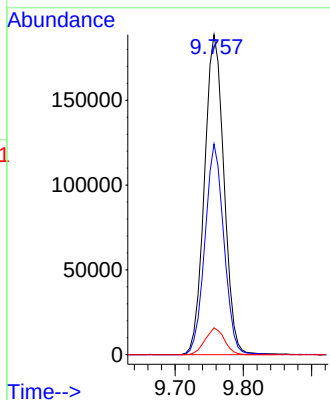
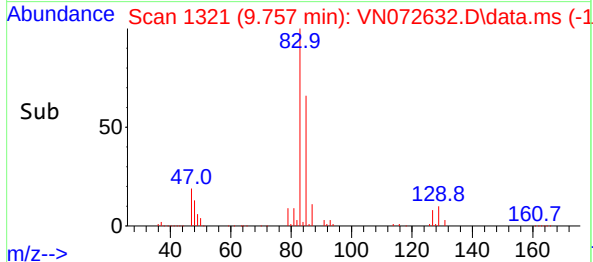
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



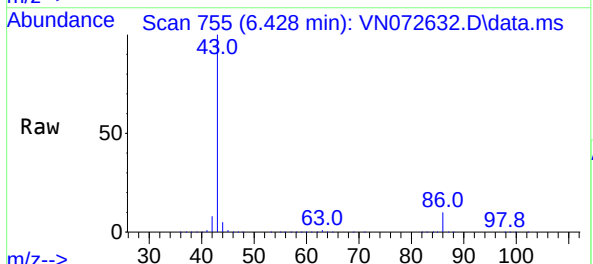
Tgt Ion: 83 Resp: 375919
Ion Ratio Lower Upper
83 100
85 65.9 54.1 81.1
127 8.4 7.6 11.4

Manual Integrations
APPROVED

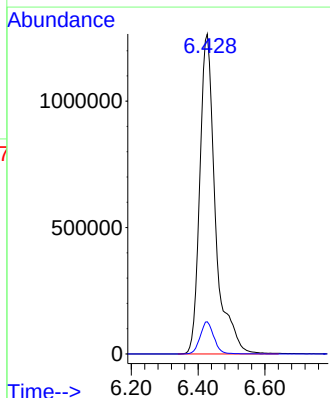
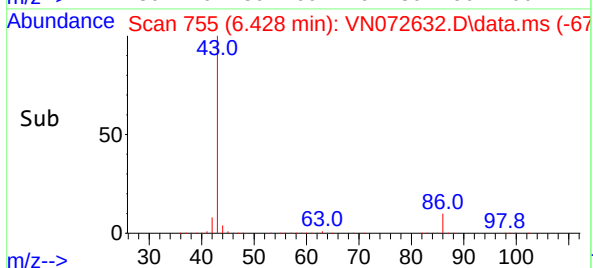
Reviewed By :John Carlone 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022

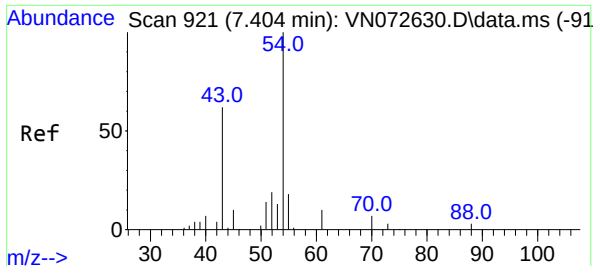


#42
Vinyl Acetate
Concen: 551.550 ug/l
RT: 6.428 min Scan# 755
Delta R.T. 0.000 min
Lab File: VN072632.D
Acq: 26 May 2022 15:32



Tgt Ion: 43 Resp: 4109394
Ion Ratio Lower Upper
43 100
86 8.8 7.5 11.3





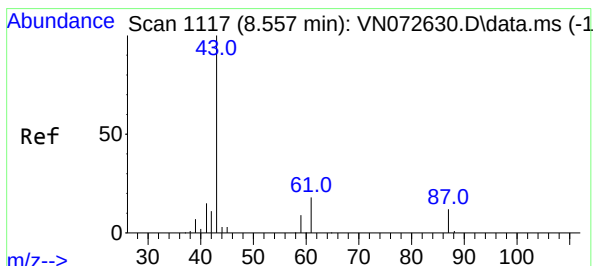
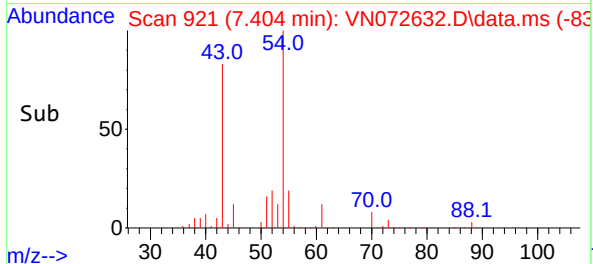
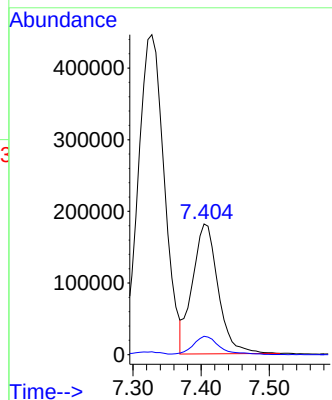
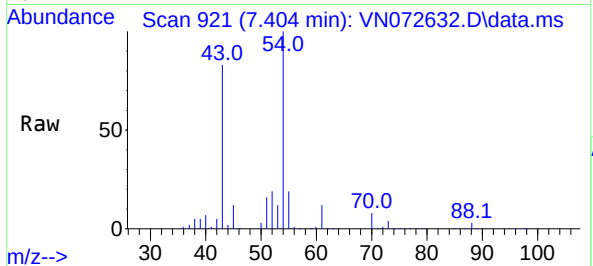
#43
Ethyl Acetate
Concen: 108.759 ug/l
RT: 7.404 min Scan# 911
Delta R.T. 0.000 min
Lab File: VN072632.D
Acq: 26 May 2022 15:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion: 43 Resp: 472692
Ion Ratio Lower Upper
43 100
45 14.3 10.6 16.0

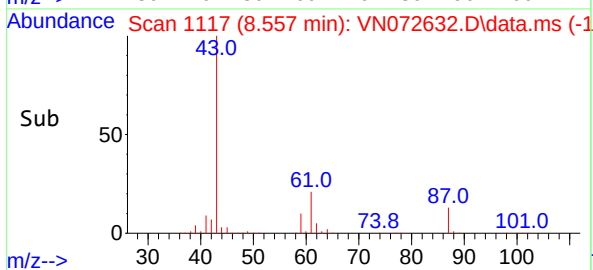
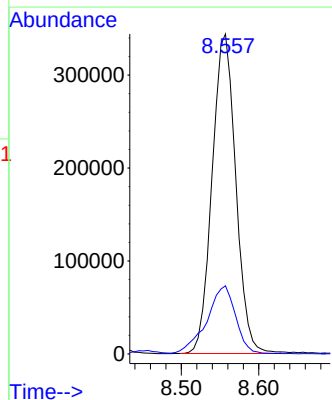
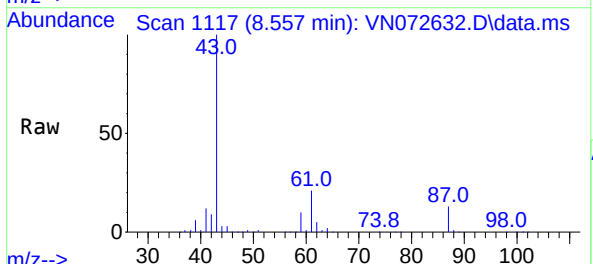
Manual Integrations
APPROVED

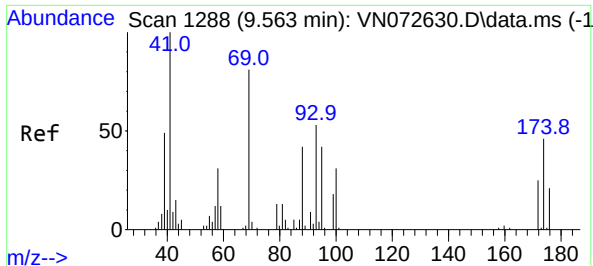
Reviewed By :John Carlone 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022



#44
Isopropyl Acetate
Concen: 106.320 ug/l
RT: 8.557 min Scan# 1117
Delta R.T. 0.000 min
Lab File: VN072632.D
Acq: 26 May 2022 15:32

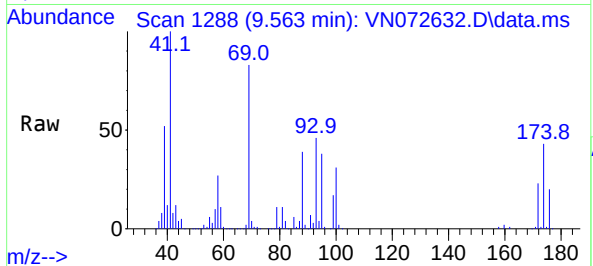
Tgt Ion: 43 Resp: 730863
Ion Ratio Lower Upper
43 100
61 26.3 20.1 30.1





#45
1,4-Dioxane
Concen: 1864.201 ug/l
RT: 9.563 min Scan# 118614
Delta R.T. 0.000 min
Lab File: VN072632.D
Acq: 26 May 2022 15:32

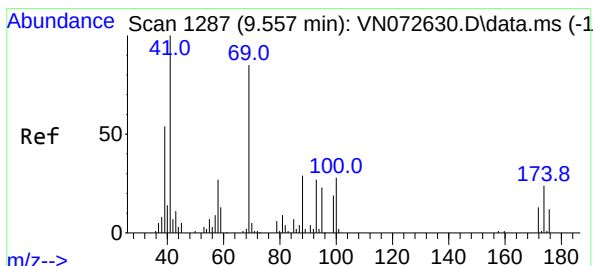
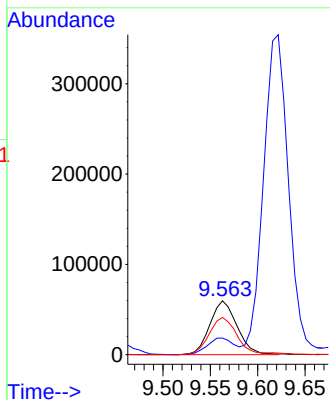
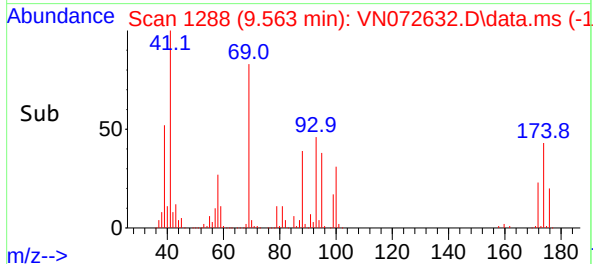
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



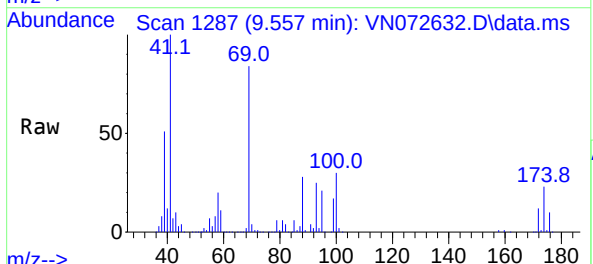
Tgt Ion: 88 Resp: 118614
Ion Ratio Lower Upper
88 100
43 30.7 25.0 37.6
58 70.4 49.4 74.2

Manual Integrations
APPROVED

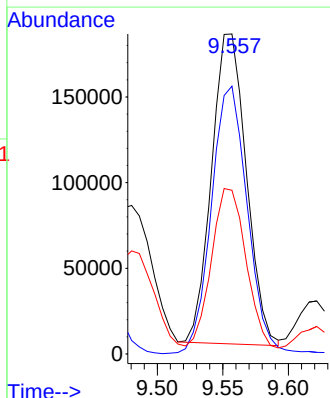
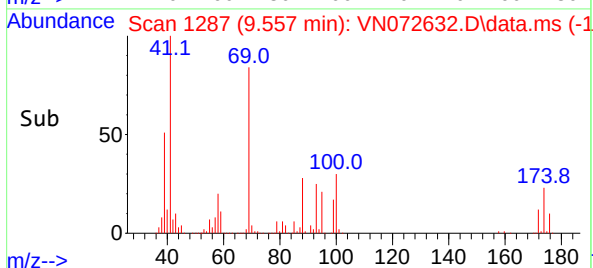
Reviewed By :John Carlone 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022

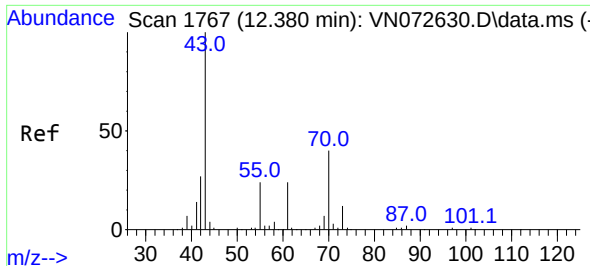


#46
Methyl methacrylate
Concen: 102.291 ug/l
RT: 9.557 min Scan# 1287
Delta R.T. 0.000 min
Lab File: VN072632.D
Acq: 26 May 2022 15:32



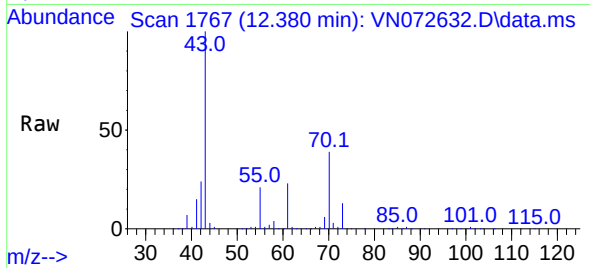
Tgt Ion: 41 Resp: 333262
Ion Ratio Lower Upper
41 100
69 86.5 44.4 133.2
39 51.2 39.9 119.6





#47
n-amy1 Acetate
Concen: 110.244 ug/l
RT: 12.380 min Scan# 1767
Delta R.T. 0.000 min
Lab File: VN072632.D
Acq: 26 May 2022 15:32

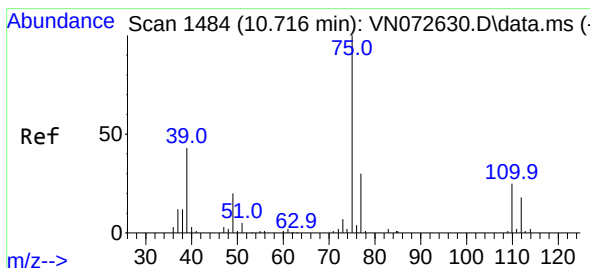
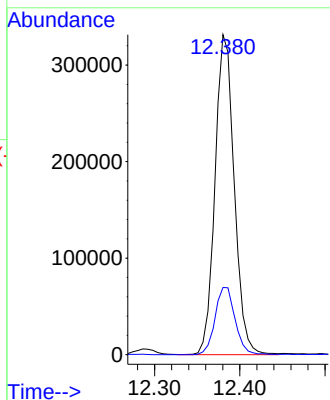
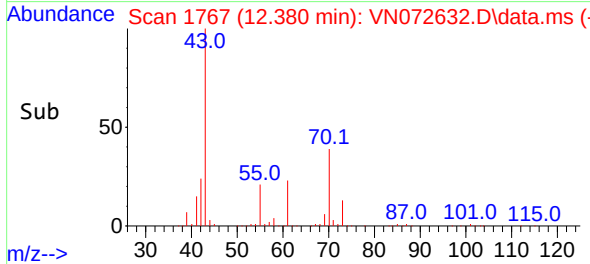
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



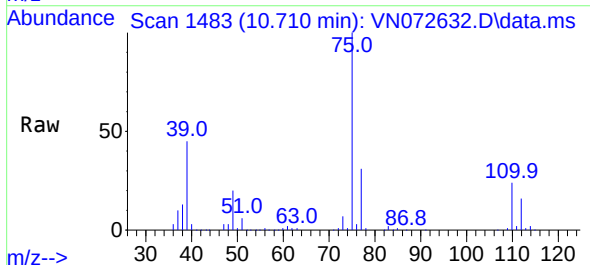
Tgt Ion: 43 Resp: 520148
Ion Ratio Lower Upper
43 100
55 22.0 19.0 28.6

Manual Integrations
APPROVED

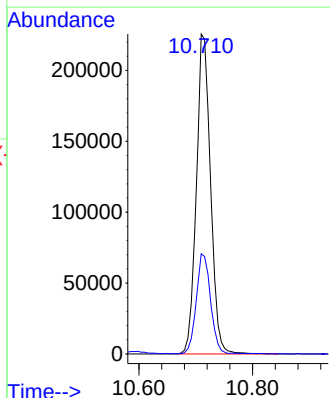
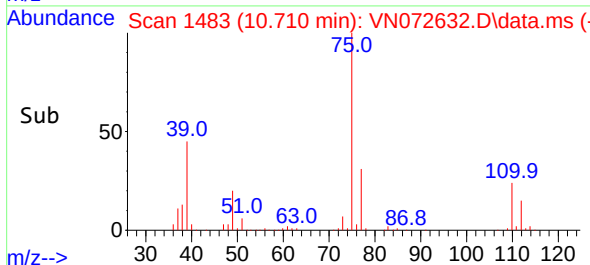
Reviewed By :John Carlone 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022

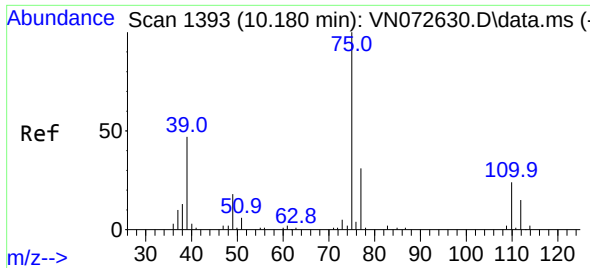


#48
t-1,3-Dichloropropene
Concen: 86.344 ug/l
RT: 10.710 min Scan# 1483
Delta R.T. -0.006 min
Lab File: VN072632.D
Acq: 26 May 2022 15:32



Tgt Ion: 75 Resp: 391841
Ion Ratio Lower Upper
75 100
77 31.3 25.3 37.9





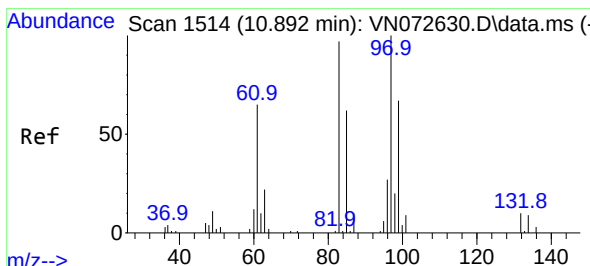
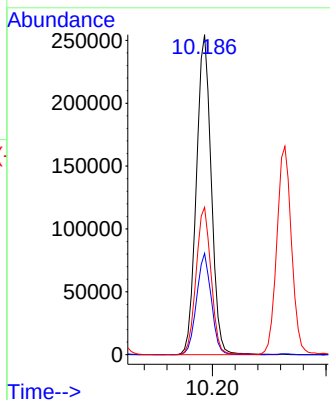
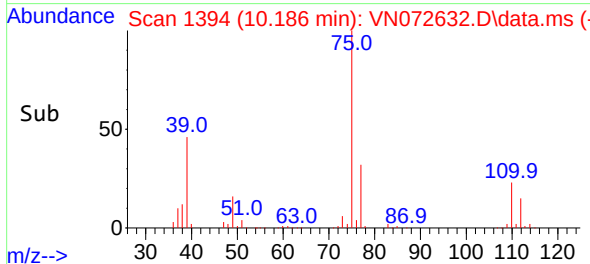
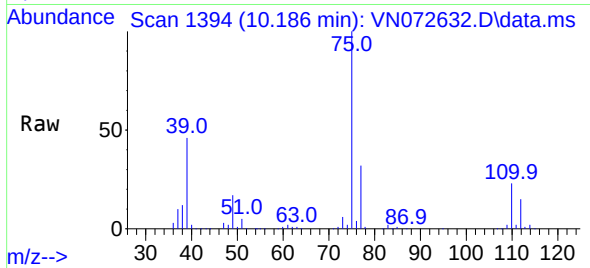
#49
cis-1,3-Dichloropropene
Concen: 99.556 ug/l
RT: 10.186 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN072632.D
Acq: 26 May 2022 15:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tgt Ion: 75 Resp: 464030
Ion Ratio Lower Upper
75 100
77 31.6 25.3 37.9
39 45.9 46.2 69.4

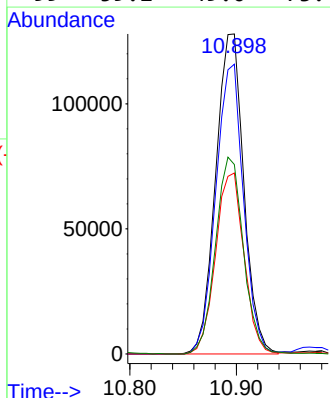
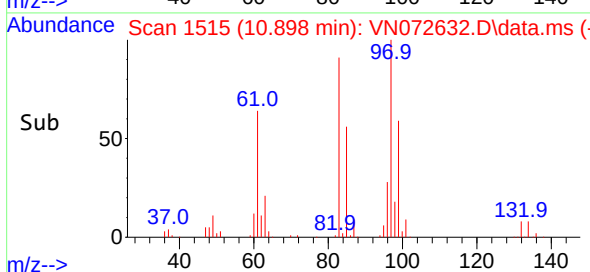
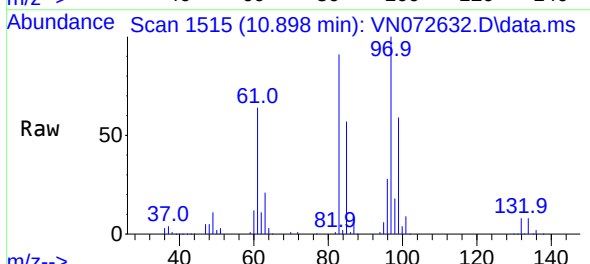
Manual Integrations
APPROVED

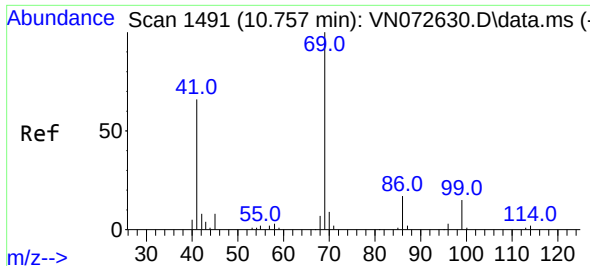
Reviewed By :John Carlone 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022



#50
1,1,2-Trichloroethane
Concen: 81.965 ug/l
RT: 10.898 min Scan# 1515
Delta R.T. 0.006 min
Lab File: VN072632.D
Acq: 26 May 2022 15:32

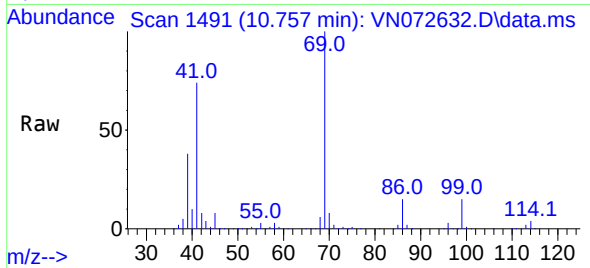
Tgt Ion: 97 Resp: 234924
Ion Ratio Lower Upper
97 100
83 90.6 67.2 100.8
85 56.6 43.0 64.4
99 59.2 49.0 73.4





#51
Ethyl methacrylate
Concen: 96.921 ug/l
RT: 10.757 min Scan# 1491
Delta R.T. 0.000 min
Lab File: VN072632.D
Acq: 26 May 2022 15:32

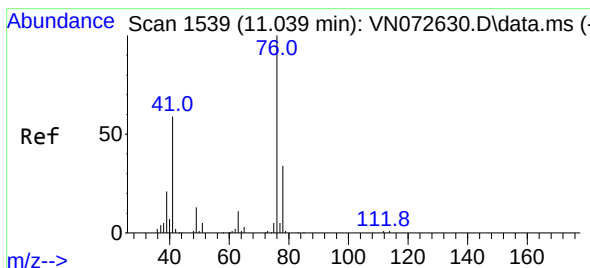
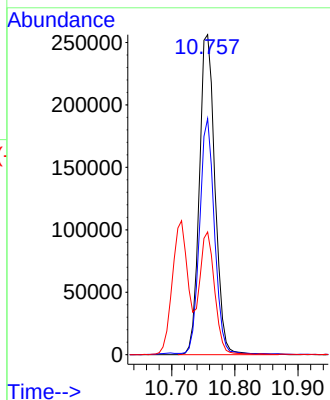
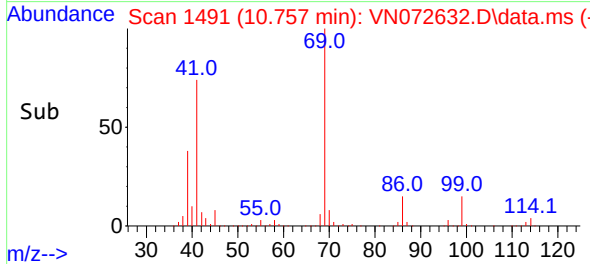
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



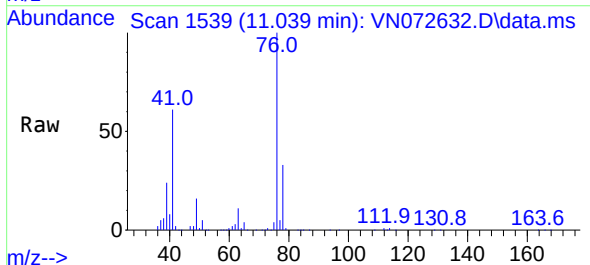
Tgt Ion: 69 Resp: 439680
Ion Ratio Lower Upper
69 100
41 73.5 33.0 98.9
39 38.2 25.4 76.4

Manual Integrations
APPROVED

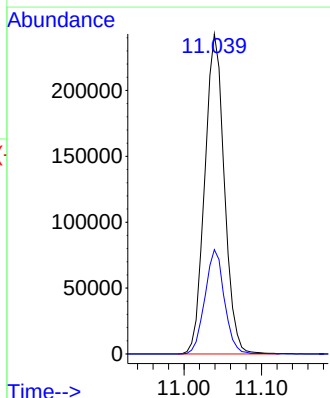
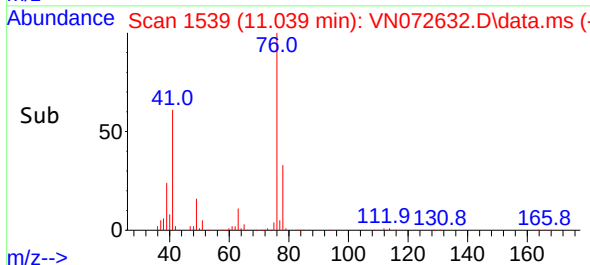
Reviewed By :John Carlone 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022

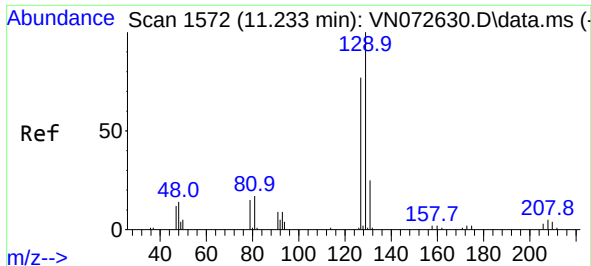


#52
1,3-Dichloropropane
Concen: 85.914 ug/l
RT: 11.039 min Scan# 1539
Delta R.T. 0.000 min
Lab File: VN072632.D
Acq: 26 May 2022 15:32



Tgt Ion: 76 Resp: 426083
Ion Ratio Lower Upper
76 100
78 32.5 0.0 65.4





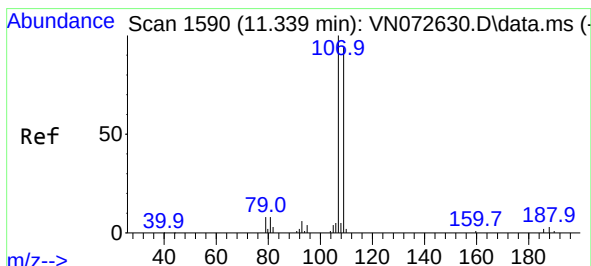
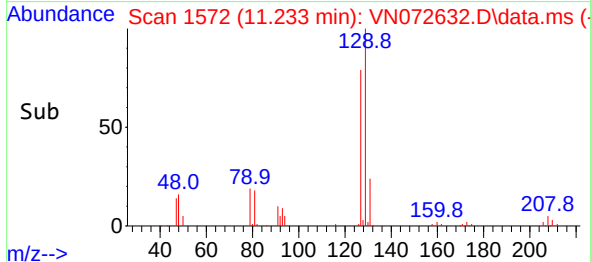
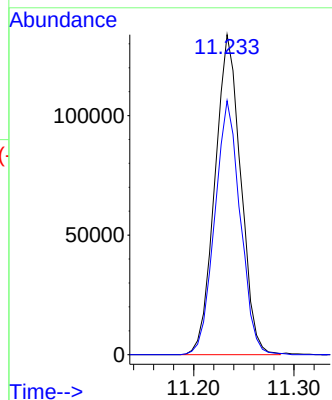
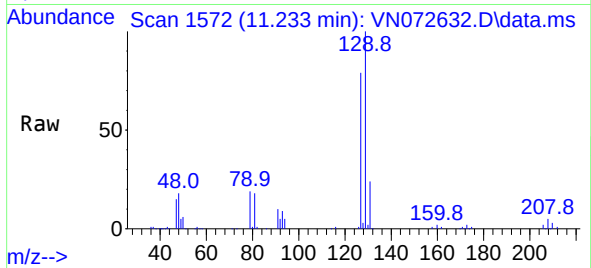
#53
Dibromochloromethane
Concen: 72.058 ug/l
RT: 11.233 min Scan# 1572
Delta R.T. 0.000 min
Lab File: VN072632.D
Acq: 26 May 2022 15:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tgt Ion:129 Resp: 239776
Ion Ratio Lower Upper
129 100
127 78.4 39.0 117.0

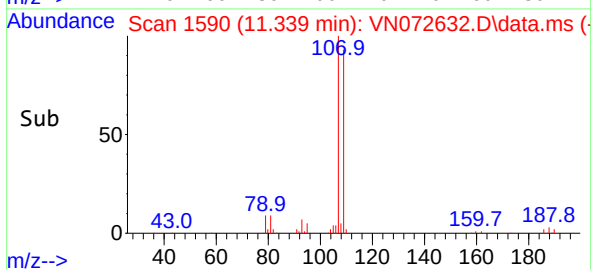
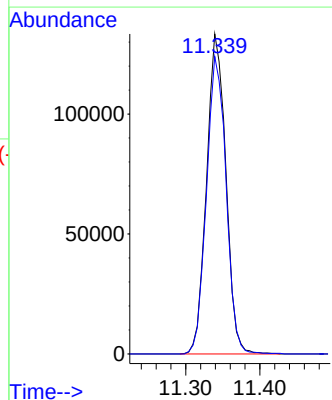
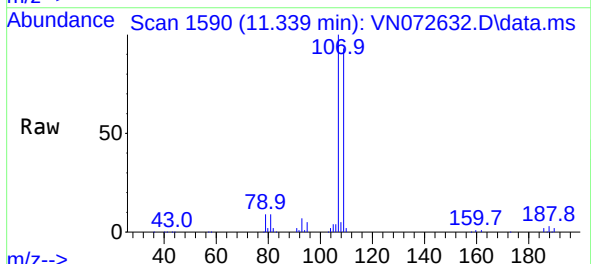
Manual Integrations
APPROVED

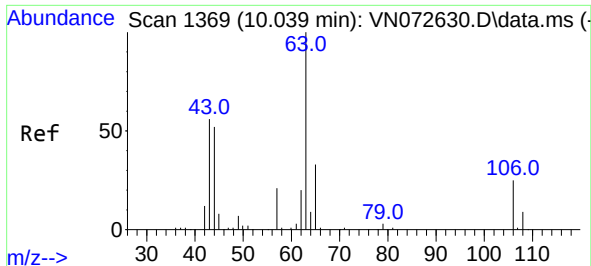
Reviewed By :John Carlone 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022



#54
1,2-Dibromoethane
Concen: 79.520 ug/l
RT: 11.339 min Scan# 1590
Delta R.T. 0.000 min
Lab File: VN072632.D
Acq: 26 May 2022 15:32

Tgt Ion:107 Resp: 241461
Ion Ratio Lower Upper
107 100
109 94.3 72.8 109.2





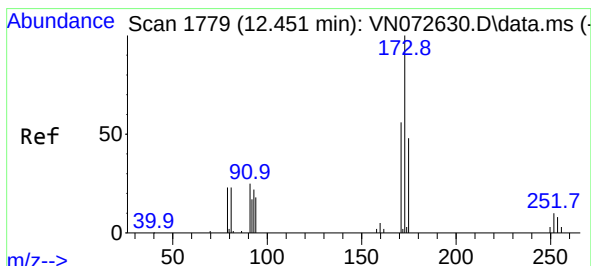
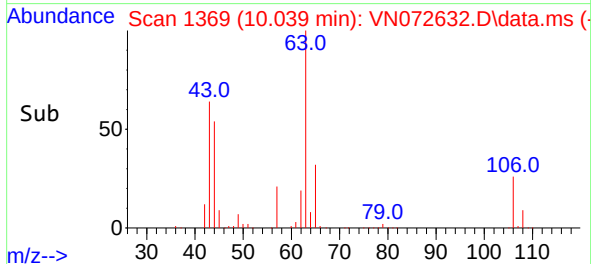
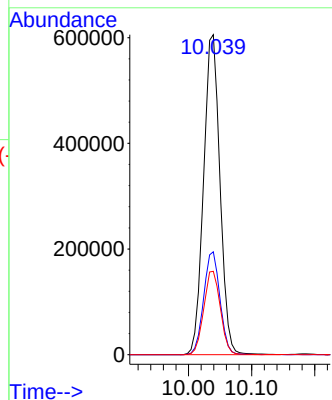
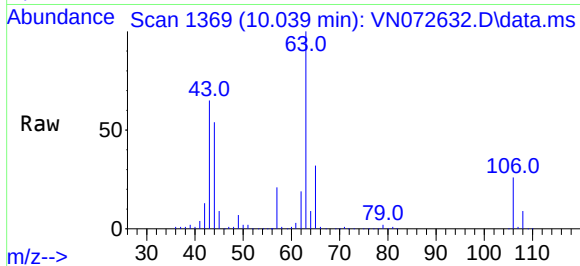
#55
2-Chloroethyl vinyl ether
Concen: 830.519 ug/l
RT: 10.039 min Scan# 1369
Delta R.T. 0.000 min
Lab File: VN072632.D
Acq: 26 May 2022 15:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tgt Ion: 63 Resp: 1090610
Ion Ratio Lower Upper
63 100
65 32.0 25.4 38.0
106 26.5 23.2 34.8

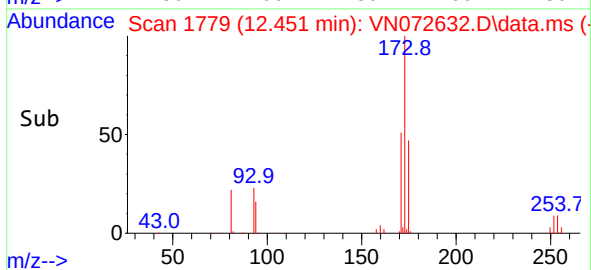
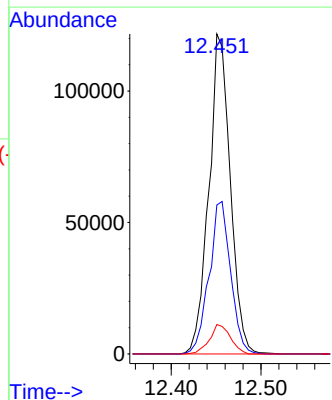
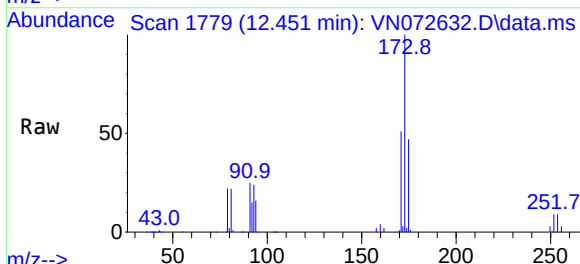
Manual Integrations
APPROVED

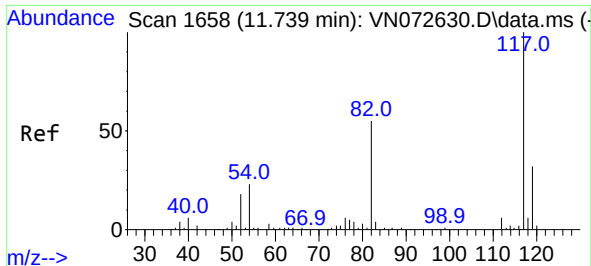
Reviewed By :John Carlone 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022



#56
Bromoform
Concen: 79.896 ug/l
RT: 12.451 min Scan# 1779
Delta R.T. 0.000 min
Lab File: VN072632.D
Acq: 26 May 2022 15:32

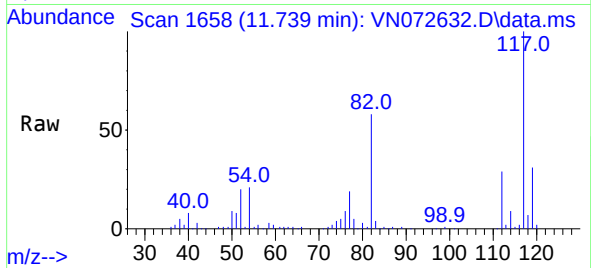
Tgt Ion:173 Resp: 201949
Ion Ratio Lower Upper
173 100
175 47.8 38.6 58.0
254 9.0 0.0 0.0#





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.739 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN072632.D
Acq: 26 May 2022 15:32

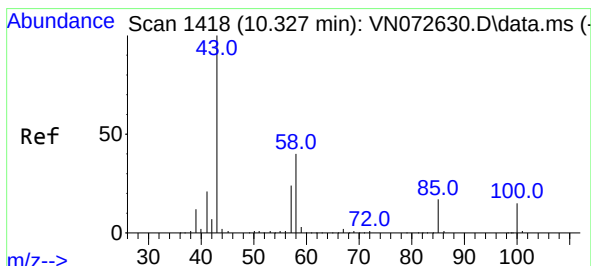
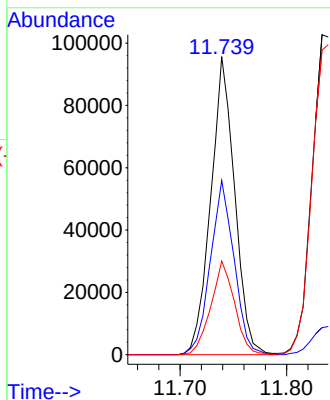
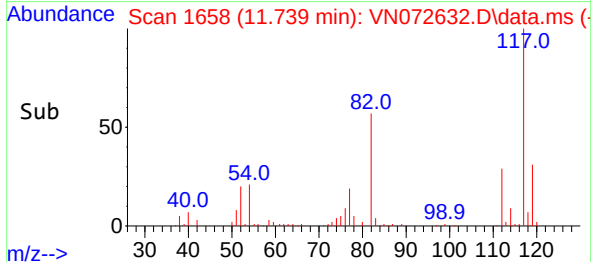
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



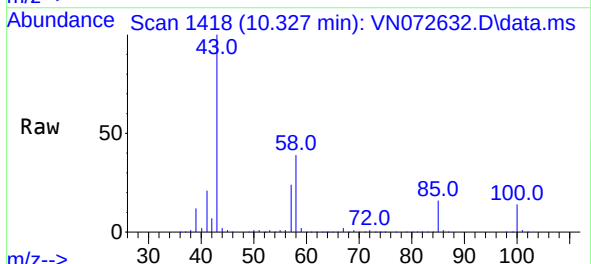
Tgt Ion: 117 Resp: 14958
Ion Ratio Lower Upper
117 100
82 57.9 43.6 65.4
119 31.1 25.8 38.6

Manual Integrations
APPROVED

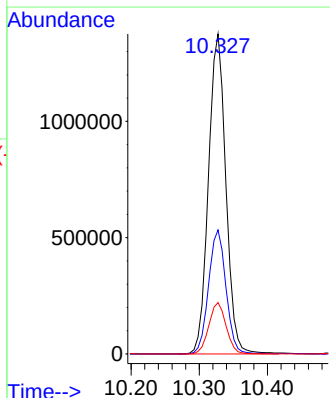
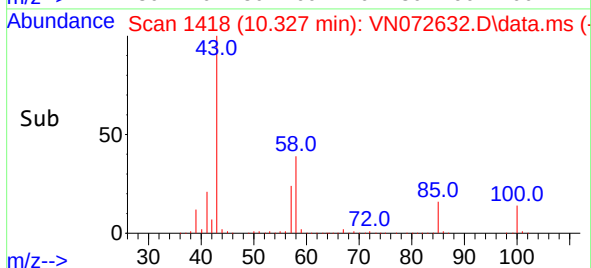
Reviewed By :John Carlone 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022

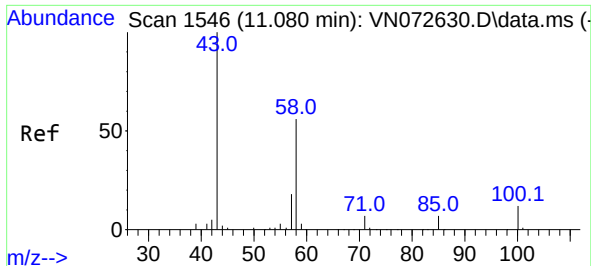


#58
4-Methyl-2-Pentanone
Concen: 657.839 ug/l
RT: 10.327 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VN072632.D
Acq: 26 May 2022 15:32



Tgt Ion: 43 Resp: 2445359
Ion Ratio Lower Upper
43 100
58 38.6 30.0 45.0
85 16.1 15.0 22.6





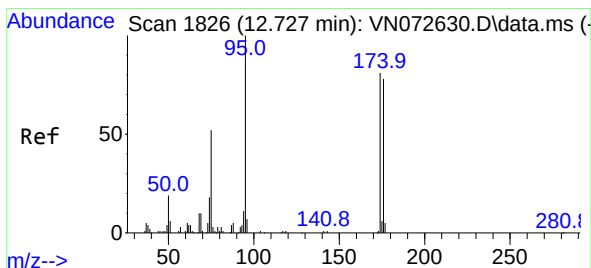
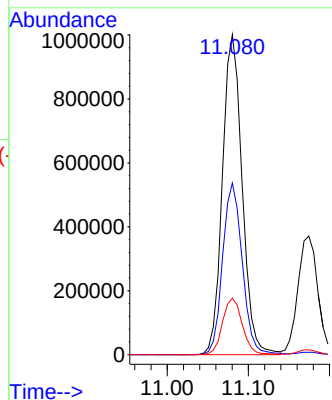
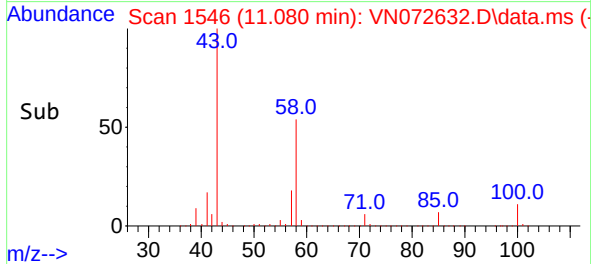
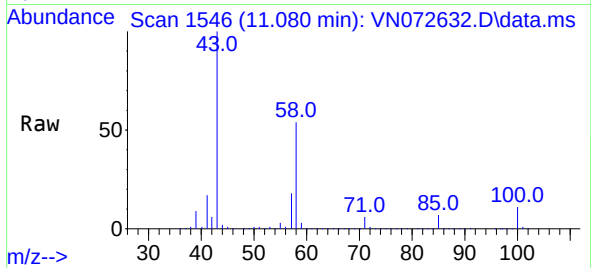
#59
2-Hexanone
Concen: 624.941 ug/l
RT: 11.080 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN072632.D
Acq: 26 May 2022 15:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion: 43 Resp: 169530
Ion Ratio Lower Upper
43 100
58 53.4 42.2 63.2
57 17.7 15.0 22.4

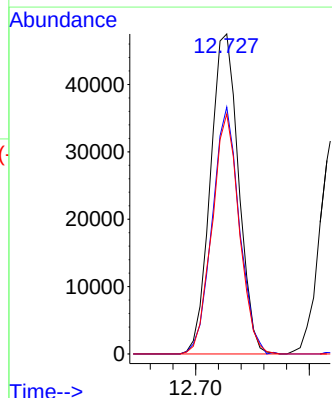
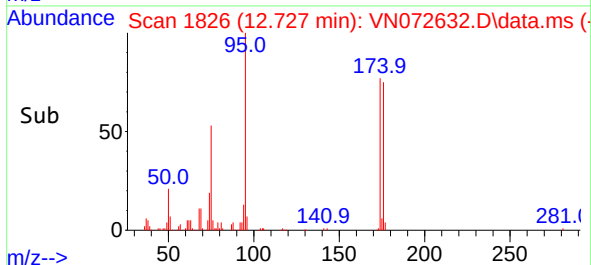
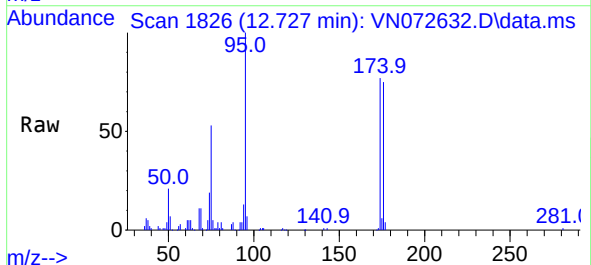
Manual Integrations
APPROVED

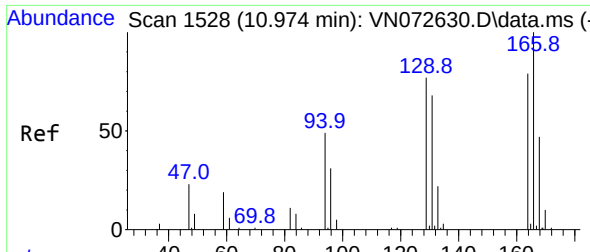
Reviewed By :John Carlone 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022



#60
4-Bromofluorobenzene
Concen: 28.485 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN072632.D
Acq: 26 May 2022 15:32

Tgt Ion: 95 Resp: 81948
Ion Ratio Lower Upper
95 100
174 73.9 62.9 94.3
176 72.0 61.0 91.4





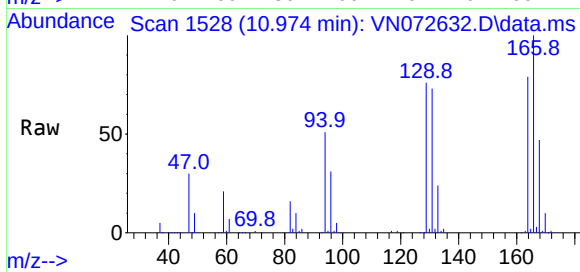
#61
Tetrachloroethene
Concen: 82.543 ug/l
RT: 10.974 min Scan# 1528
Delta R.T. 0.000 min
Lab File: VN072632.D
Acq: 26 May 2022 15:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100



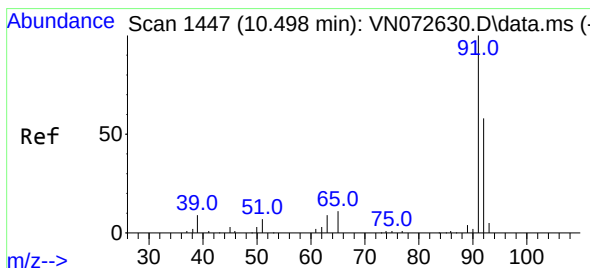
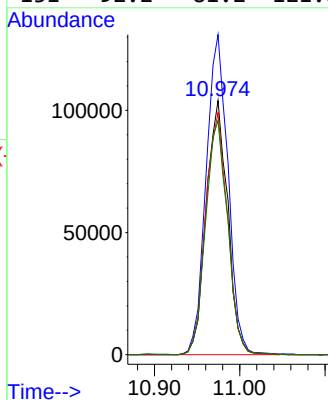
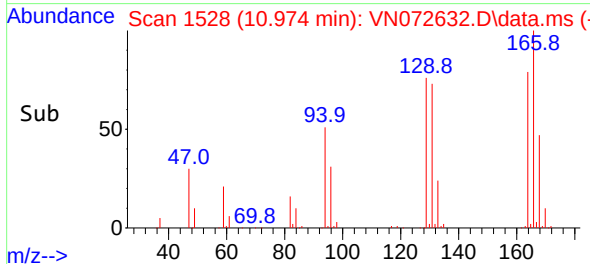
Tgt Ion:164 Resp: 18279
Ion Ratio Lower Upper
164 100
166 126.0 105.8 158.8
129 95.3 82.5 123.7
131 92.2 81.2 121.8

Manual Integrations

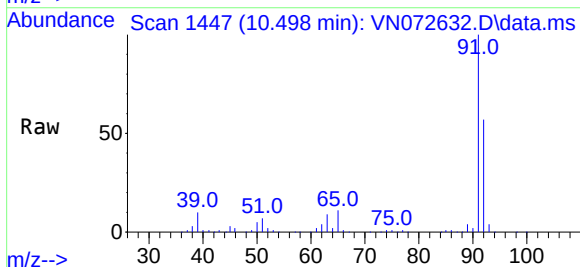
APPROVED

Reviewed By :John Carlone 05/27/2022

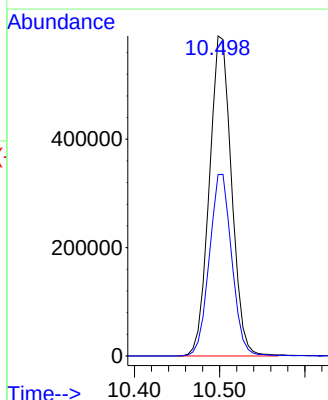
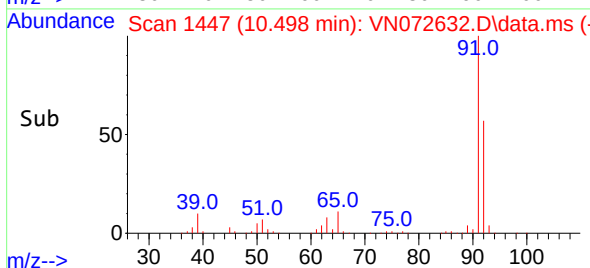
Supervised By :Mahesh Dadoda 05/27/2022

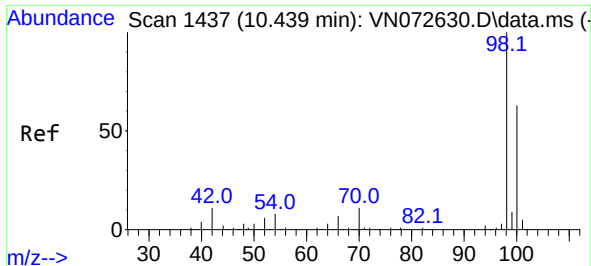


#62
Toluene
Concen: 103.555 ug/l
RT: 10.498 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VN072632.D
Acq: 26 May 2022 15:32



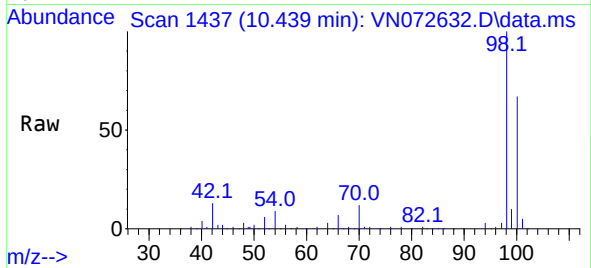
Tgt Ion: 91 Resp: 1073538
Ion Ratio Lower Upper
91 100
92 57.2 44.6 67.0





#63
Toluene-d8
Concen: 32.300 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN072632.D
Acq: 26 May 2022 15:32

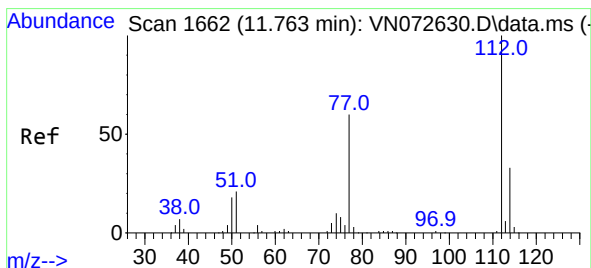
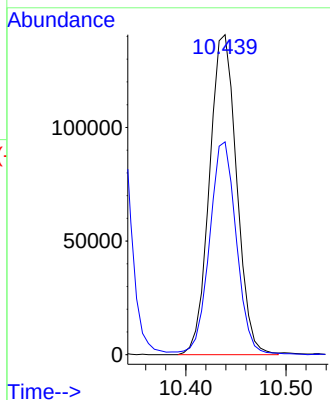
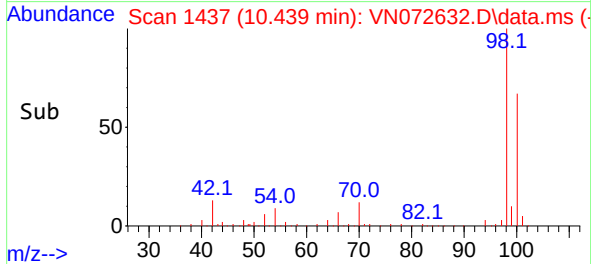
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



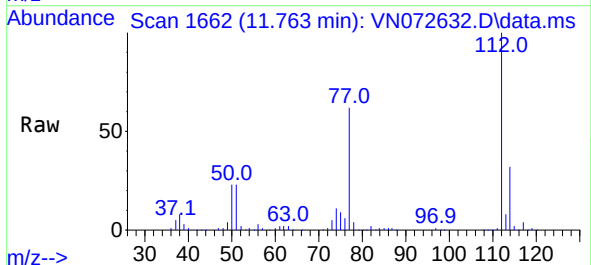
Tgt Ion: 98 Resp: 26564
Ion Ratio Lower Upper
98 100
100 65.7 50.6 76.0

Manual Integrations
APPROVED

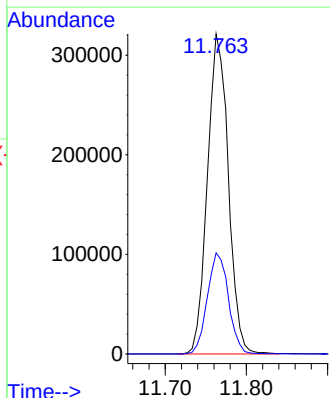
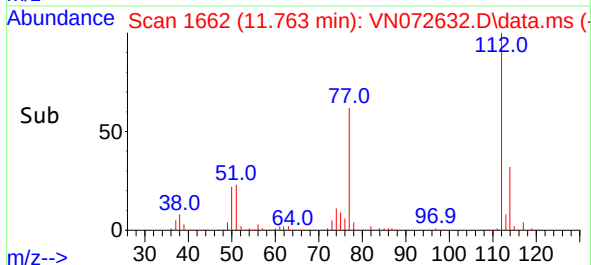
Reviewed By :John Carlone 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022

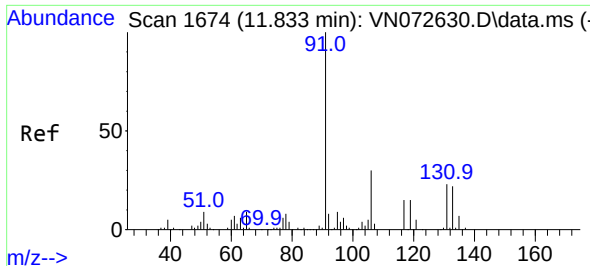


#64
Chlorobenzene
Concen: 90.122 ug/l
RT: 11.763 min Scan# 1662
Delta R.T. 0.000 min
Lab File: VN072632.D
Acq: 26 May 2022 15:32



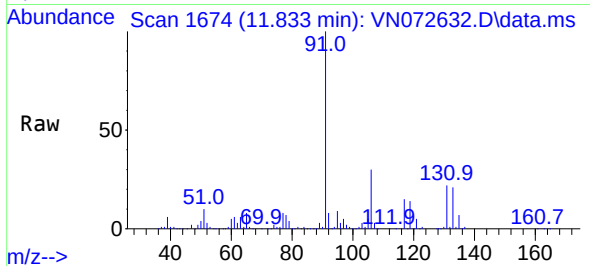
Tgt Ion:112 Resp: 574589
Ion Ratio Lower Upper
112 100
114 31.6 25.8 38.6





#65
1,1,1,2-Tetrachloroethane
Concen: 101.149 ug/l
RT: 11.833 min Scan# 1674
Delta R.T. 0.000 min
Lab File: VN072632.D
Acq: 26 May 2022 15:32

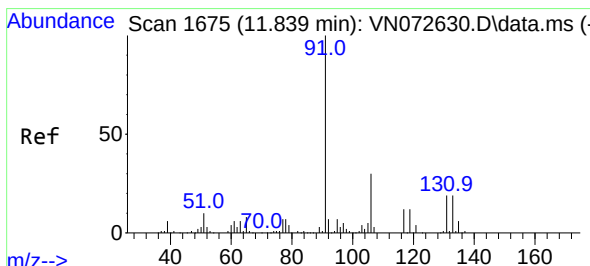
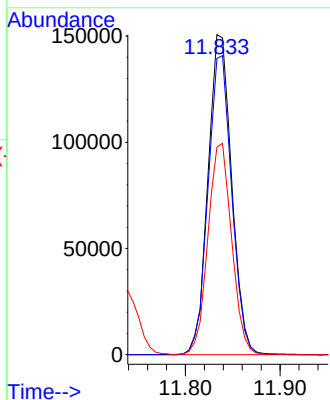
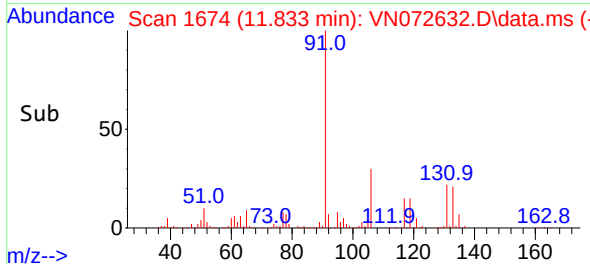
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



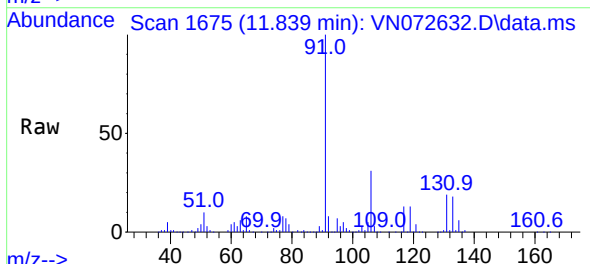
Tgt Ion:131 Resp: 261190
Ion Ratio Lower Upper
131 100
133 93.8 0.0 191.2
119 66.2 0.0 128.8

Manual Integrations
APPROVED

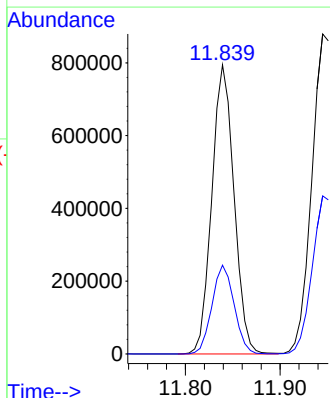
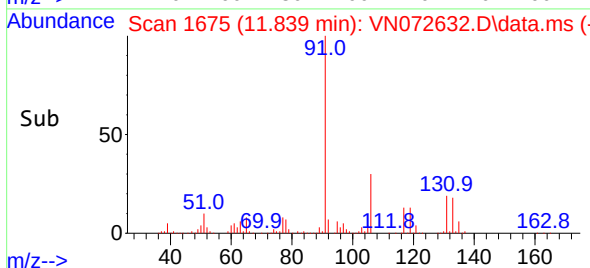
Reviewed By :John Carlone 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022

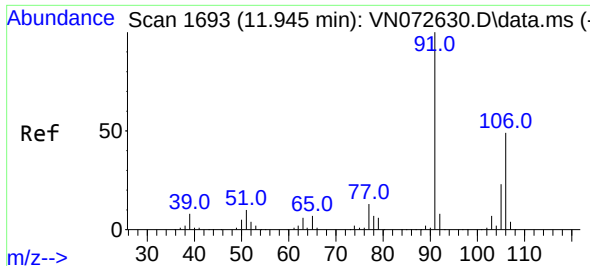


#66
Ethyl Benzene
Concen: 112.553 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VN072632.D
Acq: 26 May 2022 15:32



Tgt Ion: 91 Resp: 1293491
Ion Ratio Lower Upper
91 100
106 30.7 24.0 36.0





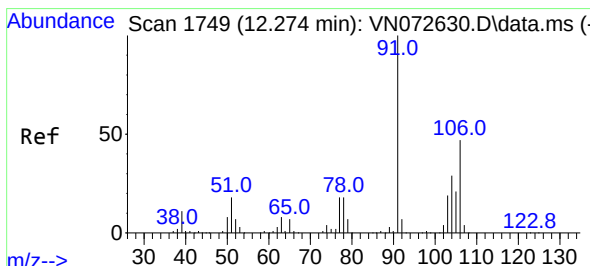
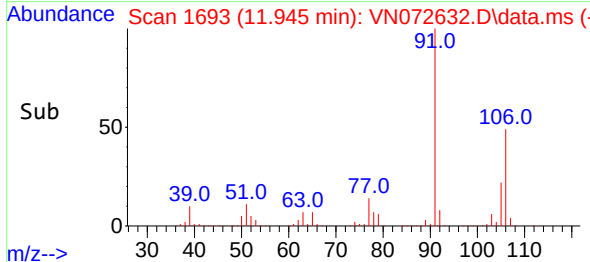
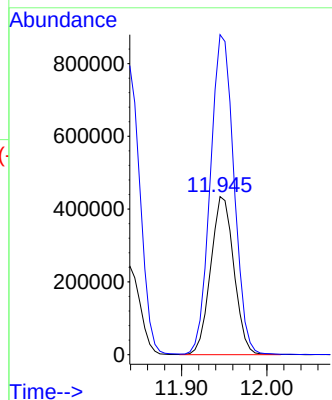
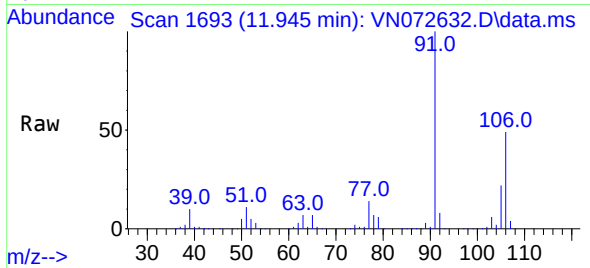
#67
m/p-Xylenes
Concen: 189.326 ug/l
RT: 11.945 min Scan# 1693
Delta R.T. 0.000 min
Lab File: VN072632.D
Acq: 26 May 2022 15:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion:106 Resp: 824728
Ion Ratio Lower Upper
106 100
91 205.4 162.9 244.3

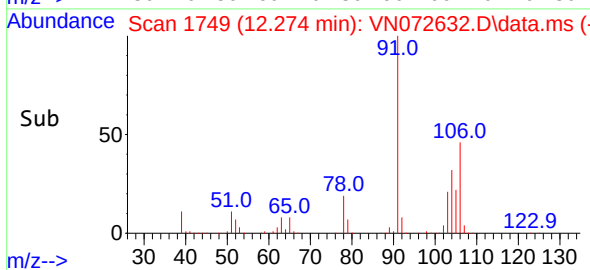
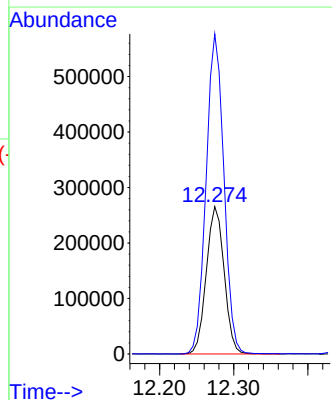
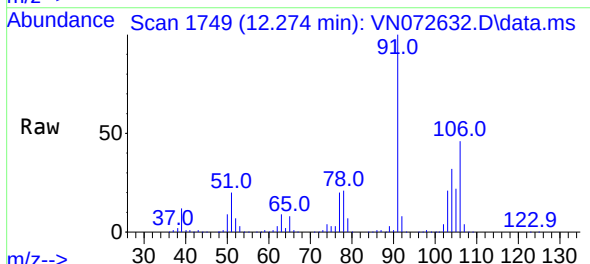
Manual Integrations
APPROVED

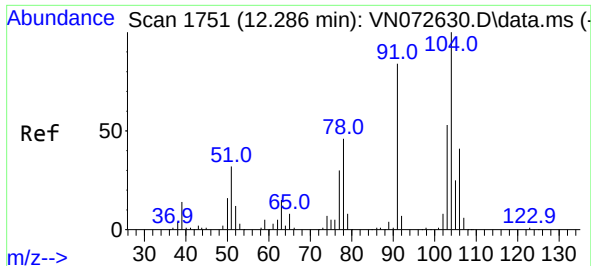
Reviewed By :John Carlone 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022



#68
o-Xylene
Concen: 102.831 ug/l
RT: 12.274 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VN072632.D
Acq: 26 May 2022 15:32

Tgt Ion:106 Resp: 443607
Ion Ratio Lower Upper
106 100
91 216.5 107.7 323.1





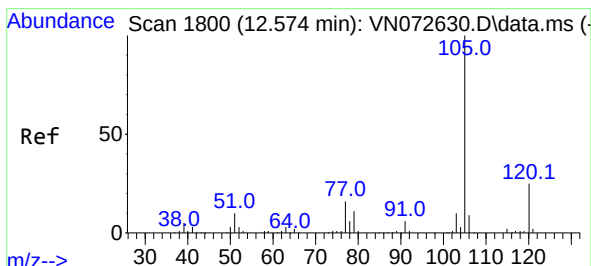
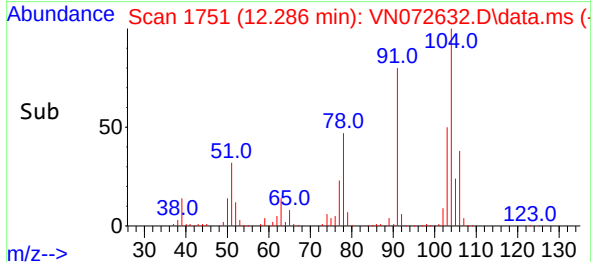
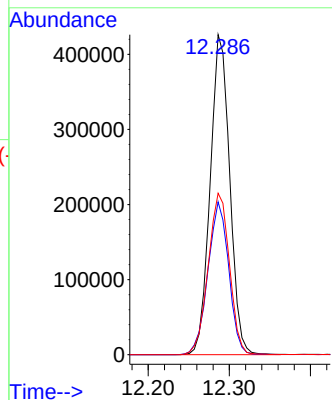
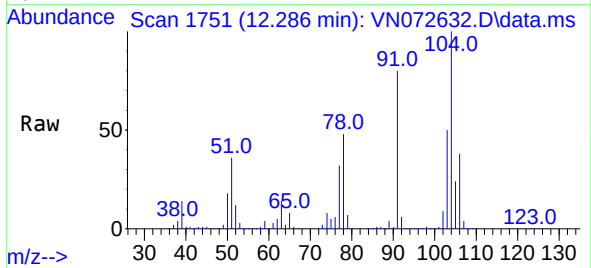
#69
Styrene
Concen: 104.160 ug/l
RT: 12.286 min Scan# 1751
Delta R.T. 0.000 min
Lab File: VN072632.D
Acq: 26 May 2022 15:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion:104 Resp: 713279
Ion Ratio Lower Upper
104 100
78 50.7 40.7 61.1
103 54.9 45.8 68.8

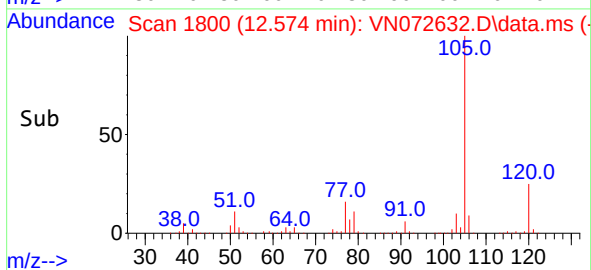
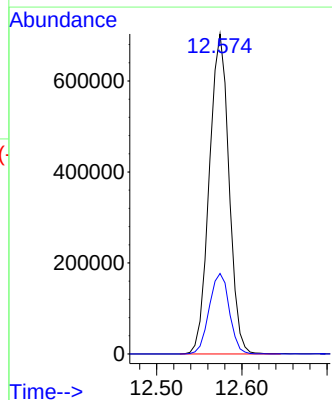
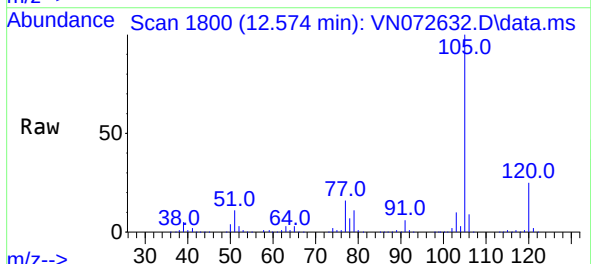
Manual Integrations
APPROVED

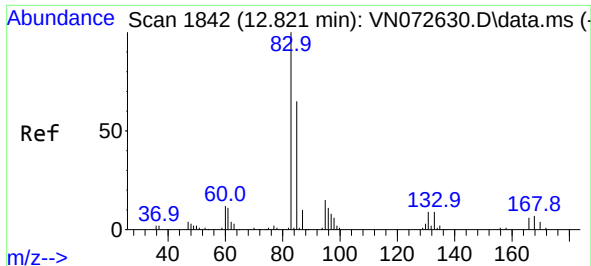
Reviewed By :John Carlone 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022



#70
Isopropylbenzene
Concen: 99.241 ug/l
RT: 12.574 min Scan# 1800
Delta R.T. 0.000 min
Lab File: VN072632.D
Acq: 26 May 2022 15:32

Tgt Ion:105 Resp: 1127652
Ion Ratio Lower Upper
105 100
120 25.7 18.3 34.1





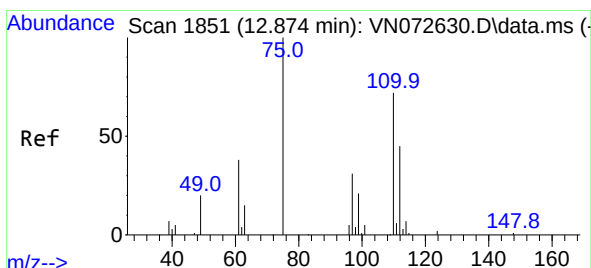
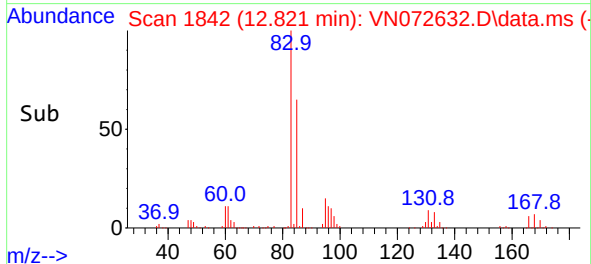
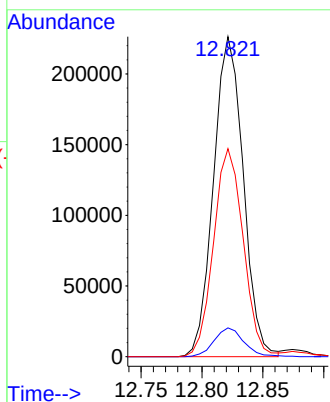
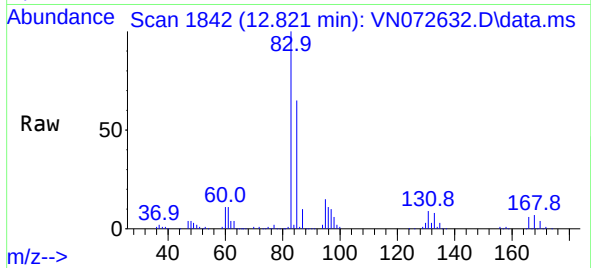
#71
1,1,2,2-Tetrachloroethane
Concen: 108.804 ug/l
RT: 12.821 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VN072632.D
Acq: 26 May 2022 15:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion: 83 Resp: 38522
Ion Ratio Lower Upper
83 100
131 9.0 5.1 15.3
85 64.8 33.1 99.2

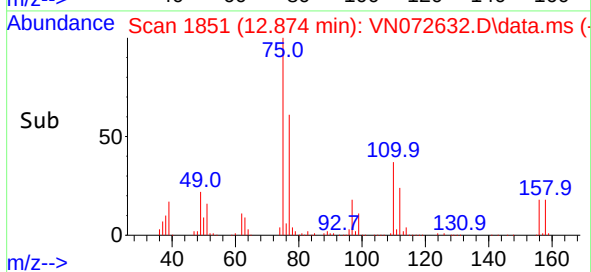
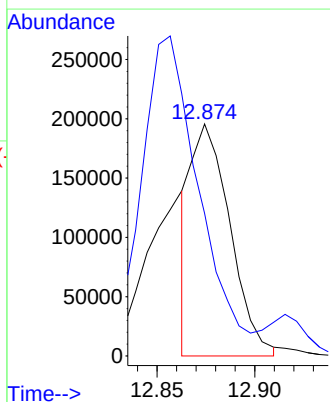
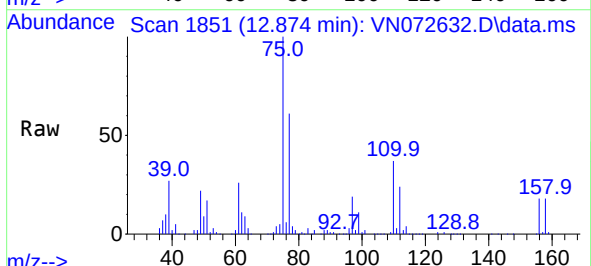
Manual Integrations
APPROVED

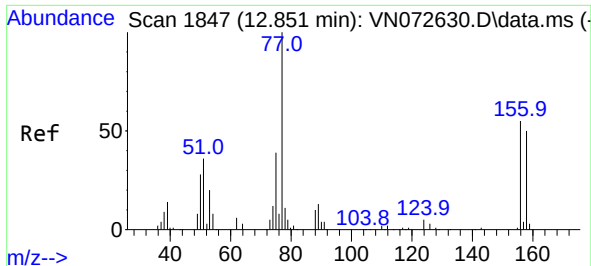
Reviewed By :John Carlone 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022



#72
1,2,3-Trichloropropane
Concen: 83.754 ug/l m
RT: 12.874 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VN072632.D
Acq: 26 May 2022 15:32

Tgt Ion: 75 Resp: 272663
Ion Ratio Lower Upper
75 100
77 202.7 0.0 378.0





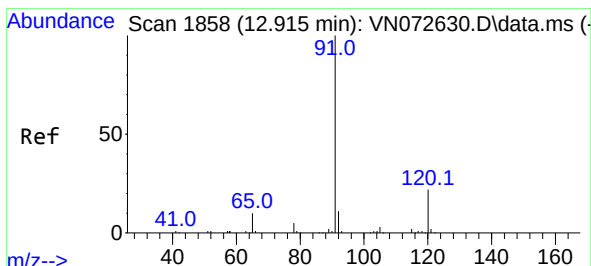
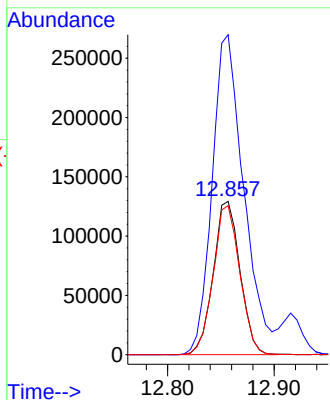
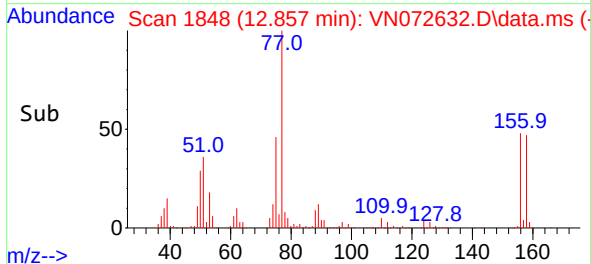
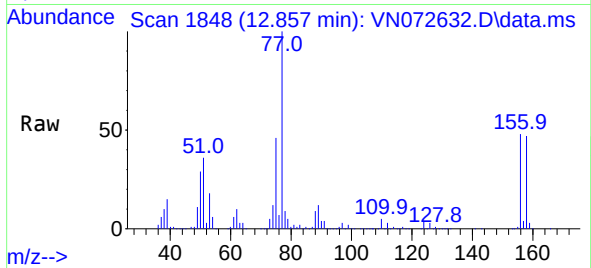
#73
Bromobenzene
Concen: 83.545 ug/l
RT: 12.857 min Scan# 1847
Delta R.T. 0.006 min
Lab File: VN072632.D
Acq: 26 May 2022 15:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion:156 Resp: 225338
Ion Ratio Lower Upper
156 100
77 245.3 0.0 416.0
158 97.0 0.0 195.4

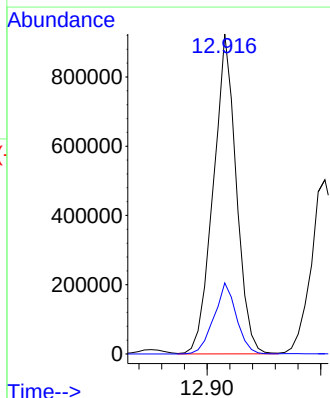
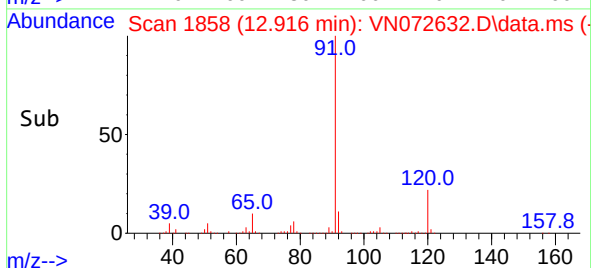
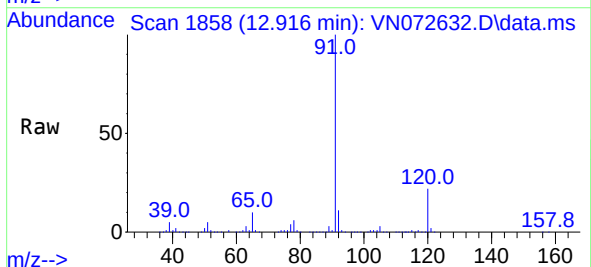
Manual Integrations
APPROVED

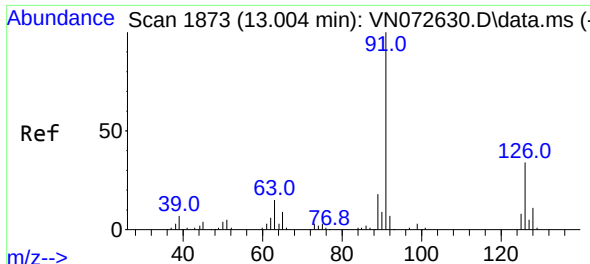
Reviewed By :John Carlone 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022



#74
n-propylbenzene
Concen: 103.485 ug/l
RT: 12.916 min Scan# 1858
Delta R.T. 0.000 min
Lab File: VN072632.D
Acq: 26 May 2022 15:32

Tgt Ion: 91 Resp: 1296480
Ion Ratio Lower Upper
91 100
120 21.6 0.0 45.0





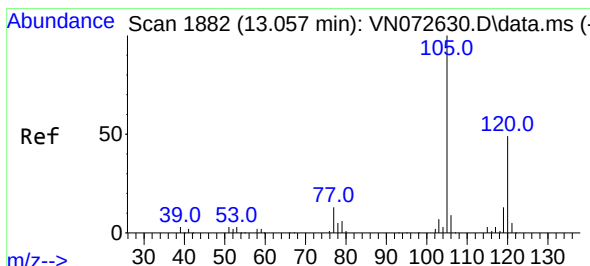
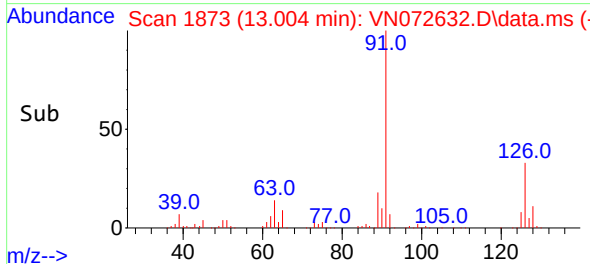
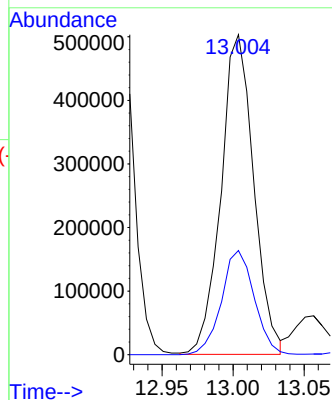
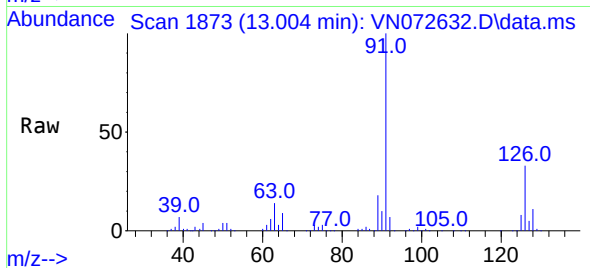
#75
2-Chlorotoluene
Concen: 101.650 ug/l
RT: 13.004 min Scan# 1873
Delta R.T. 0.000 min
Lab File: VN072632.D
Acq: 26 May 2022 15:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion: 91 Resp: 80601
Ion Ratio Lower Upper
91 100
126 32.7 0.0 69.8

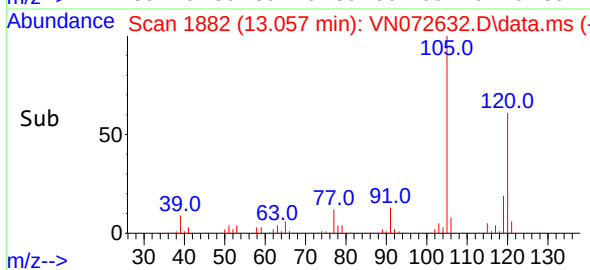
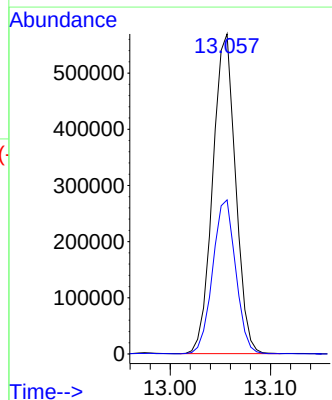
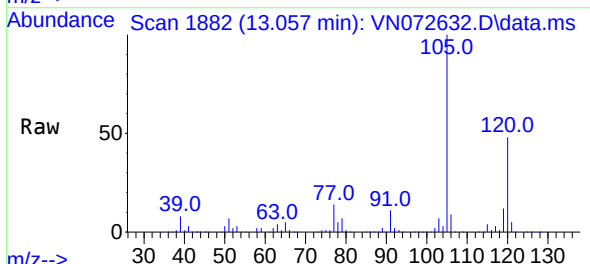
Manual Integrations
APPROVED

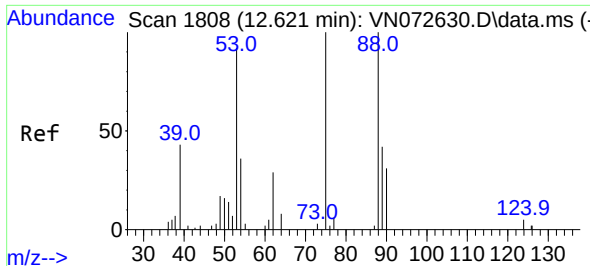
Reviewed By :John Carlone 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022



#76
1,3,5-Trimethylbenzene
Concen: 94.177 ug/l
RT: 13.057 min Scan# 1882
Delta R.T. 0.000 min
Lab File: VN072632.D
Acq: 26 May 2022 15:32

Tgt Ion:105 Resp: 899118
Ion Ratio Lower Upper
105 100
120 48.7 0.0 93.8





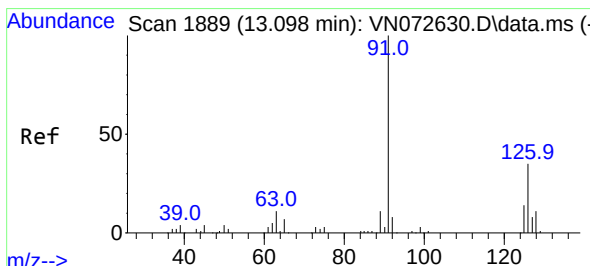
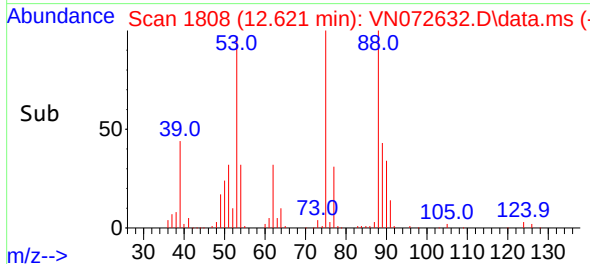
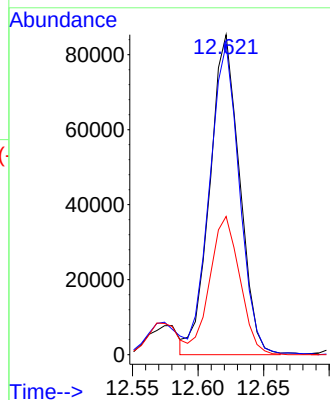
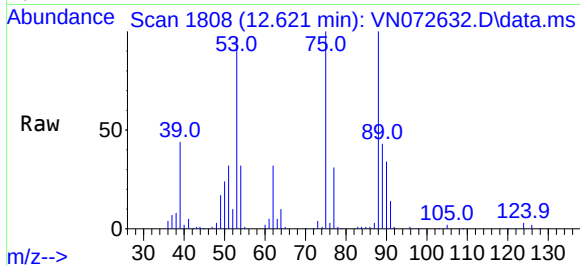
#77
t-1,4-Dichloro-2-butene
Concen: 119.497 ug/l
RT: 12.621 min Scan# 1808
Delta R.T. 0.000 min
Lab File: VN072632.D
Acq: 26 May 2022 15:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tgt Ion: 75 Resp: 134640
Ion Ratio Lower Upper
75 100
53 97.1 51.8 155.5
89 43.3 22.9 68.7

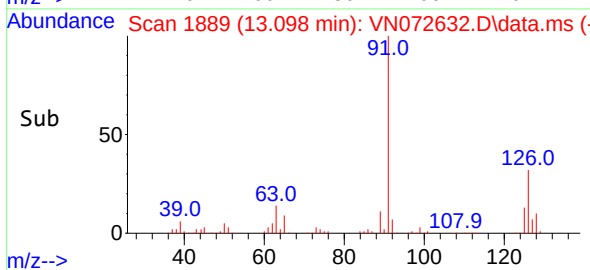
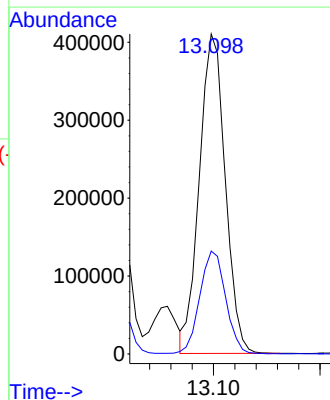
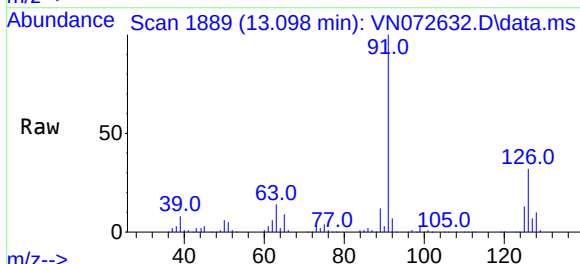
Manual Integrations
APPROVED

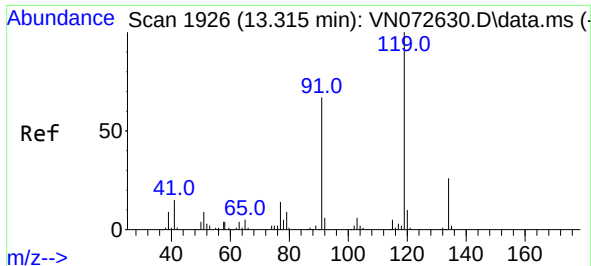
Reviewed By :John Carlone 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022



#78
4-Chlorotoluene
Concen: 92.793 ug/l
RT: 13.098 min Scan# 1889
Delta R.T. 0.000 min
Lab File: VN072632.D
Acq: 26 May 2022 15:32

Tgt Ion: 91 Resp: 691938
Ion Ratio Lower Upper
91 100
126 32.3 0.0 70.6





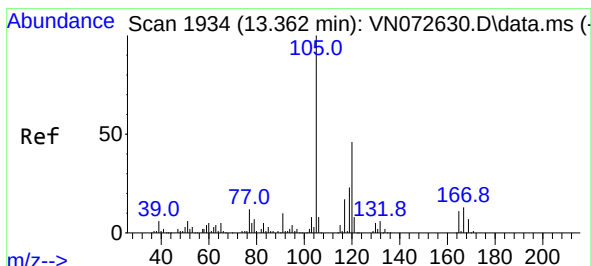
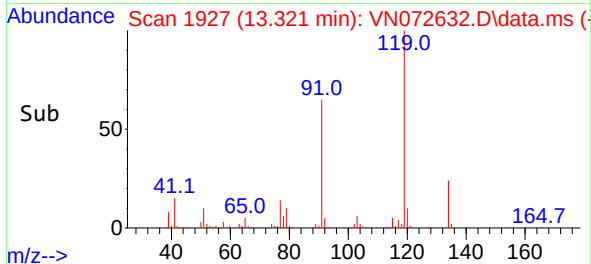
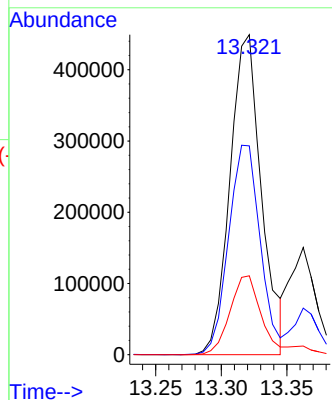
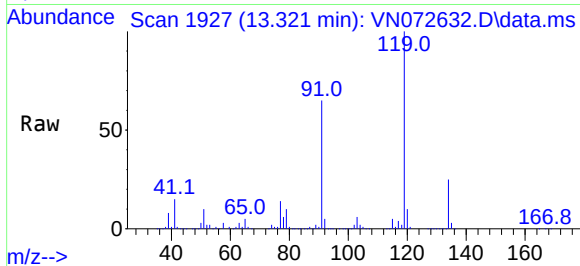
#79
tert-butylbenzene
Concen: 88.987 ug/l
RT: 13.321 min Scan# 1927
Delta R.T. 0.006 min
Lab File: VN072632.D
Acq: 26 May 2022 15:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion:119 Resp: 75063
Ion Ratio Lower Upper
119 100
91 65.9 0.0 137.0
134 24.1 0.0 47.6

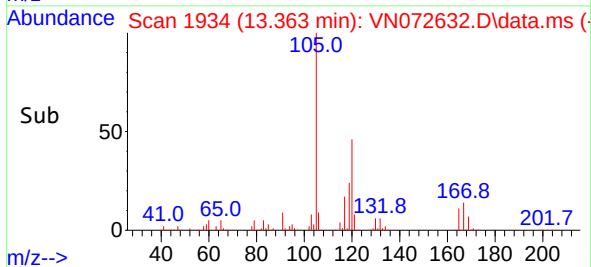
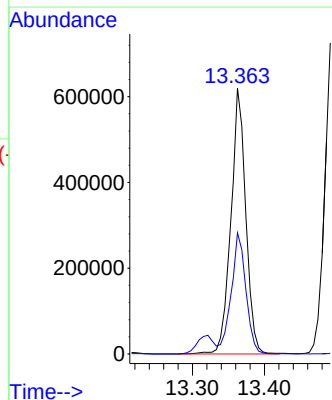
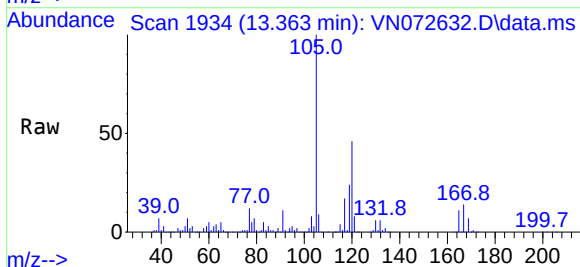
Manual Integrations
APPROVED

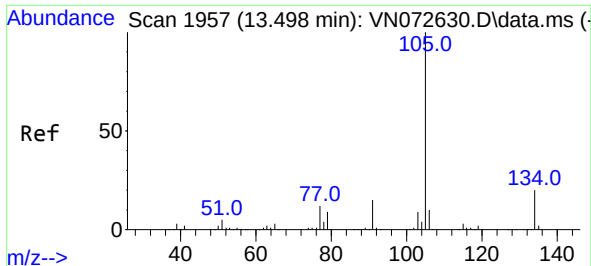
Reviewed By :John Carlone 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022



#80
1,2,4-Trimethylbenzene
Concen: 96.157 ug/l m
RT: 13.363 min Scan# 1934
Delta R.T. 0.000 min
Lab File: VN072632.D
Acq: 26 May 2022 15:32

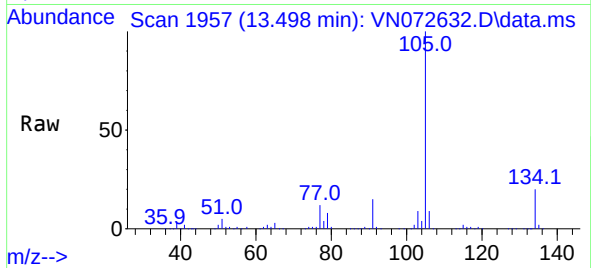
Tgt Ion:105 Resp: 887923
Ion Ratio Lower Upper
105 100
120 0.3 0.0 0.2#





#81
 sec-Butylbenzene
 Concen: 111.390 ug/l
 RT: 13.498 min Scan# 1957
 Delta R.T. 0.000 min
 Lab File: VN072632.D
 Acq: 26 May 2022 15:32

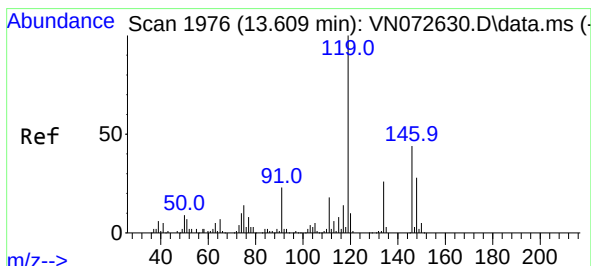
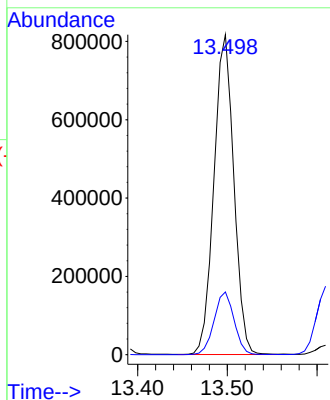
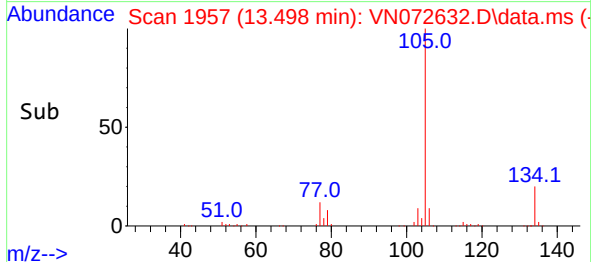
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100



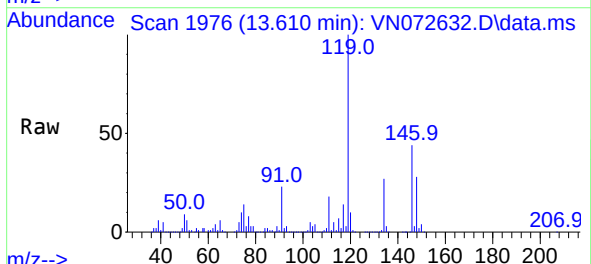
Tgt Ion:105 Resp: 1255709
 Ion Ratio Lower Upper
 105 100
 134 19.7 0.0 39.4

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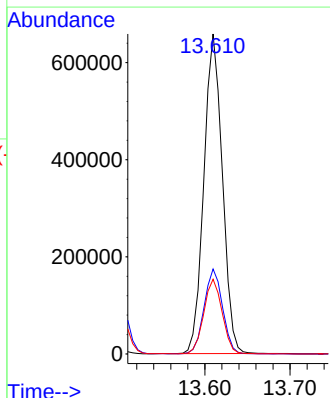
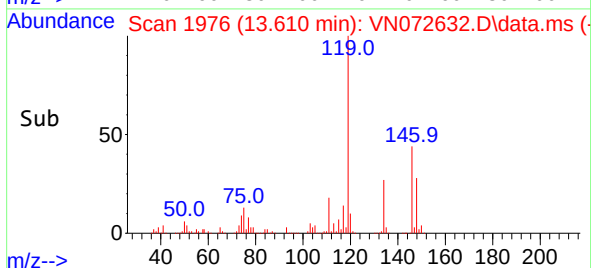
Reviewed By :John Carlone 05/27/2022
 Supervised By :Mahesh Dadoda 05/27/2022

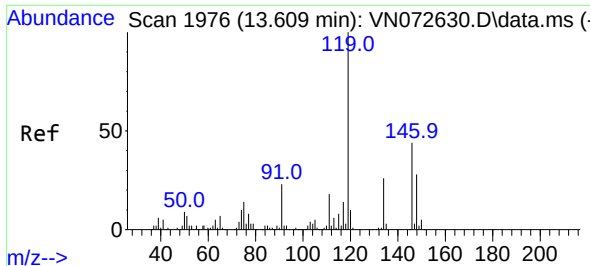


#82
 p-Isopropyltoluene
 Concen: 107.684 ug/l
 RT: 13.610 min Scan# 1976
 Delta R.T. 0.000 min
 Lab File: VN072632.D
 Acq: 26 May 2022 15:32



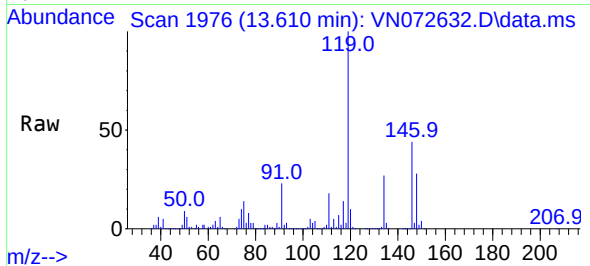
Tgt Ion:119 Resp: 992459
 Ion Ratio Lower Upper
 119 100
 134 26.6 0.0 51.8
 91 23.3 0.0 50.4





#83
1,3-Dichlorobenzene
Concen: 103.939 ug/l
RT: 13.610 min Scan# 1976
Delta R.T. 0.000 min
Lab File: VN072632.D
Acq: 26 May 2022 15:32

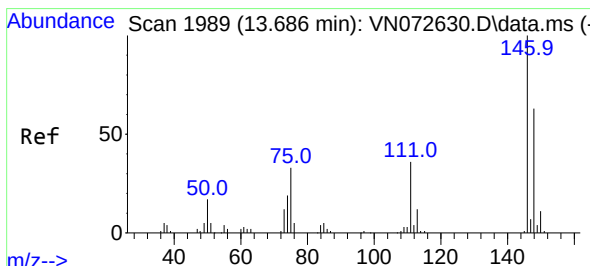
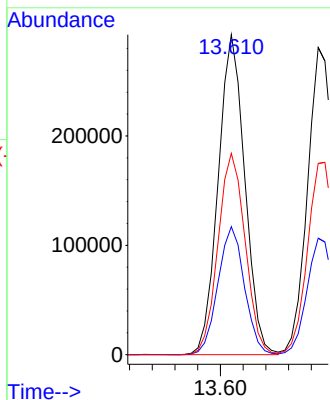
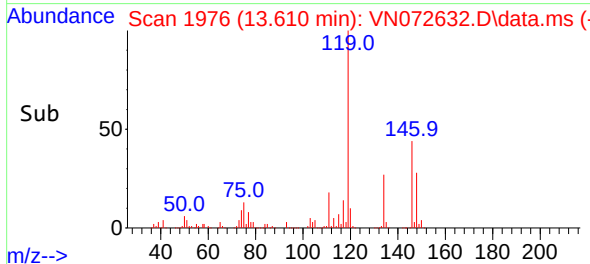
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



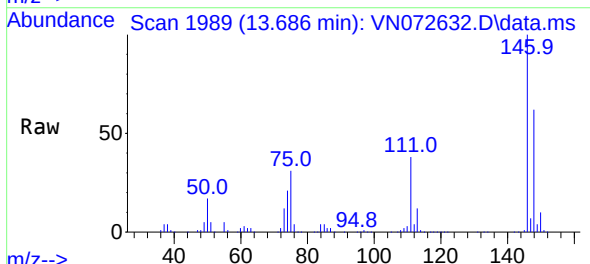
Tgt Ion:146 Resp: 476909
Ion Ratio Lower Upper
146 100
111 39.9 20.8 62.2
148 64.2 31.4 94.3

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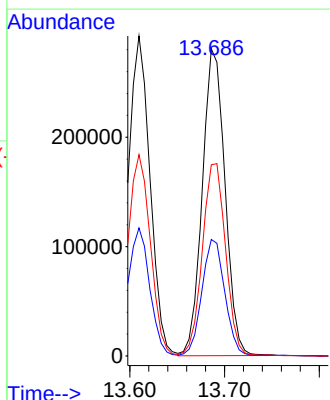
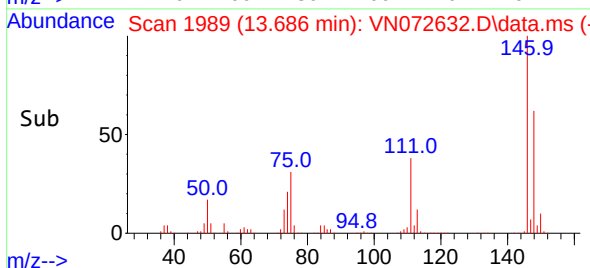
Reviewed By :John Carlone 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022

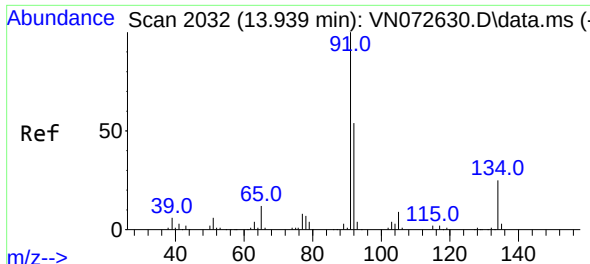


#84
1,4-Dichlorobenzene
Concen: 104.414 ug/l
RT: 13.686 min Scan# 1989
Delta R.T. 0.000 min
Lab File: VN072632.D
Acq: 26 May 2022 15:32



Tgt Ion:146 Resp: 466488
Ion Ratio Lower Upper
146 100
111 38.3 19.5 58.5
148 63.8 31.1 93.5





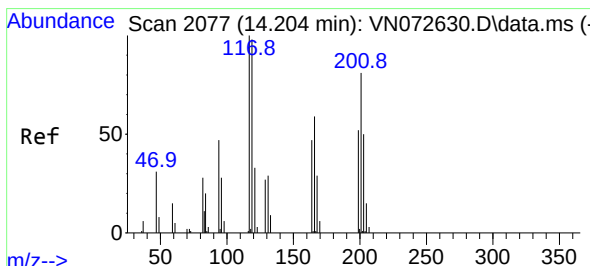
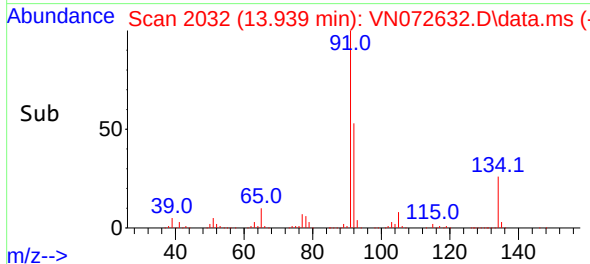
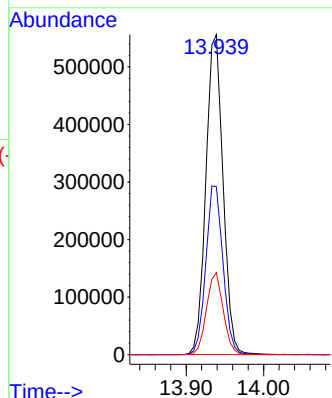
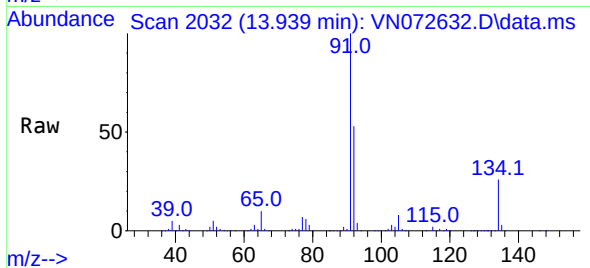
#85
n-Butylbenzene
Concen: 122.191 ug/l
RT: 13.939 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VN072632.D
Acq: 26 May 2022 15:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tgt Ion: 91 Resp: 85390
Ion Ratio Lower Upper
91 100
92 53.1 0.0 100.6
134 25.2 0.0 50.2

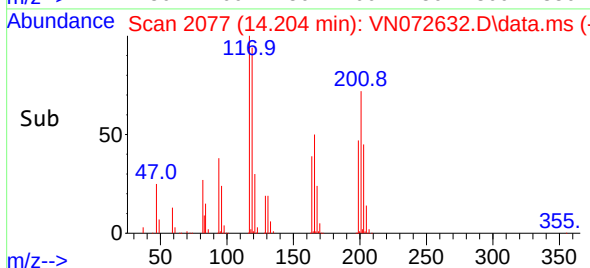
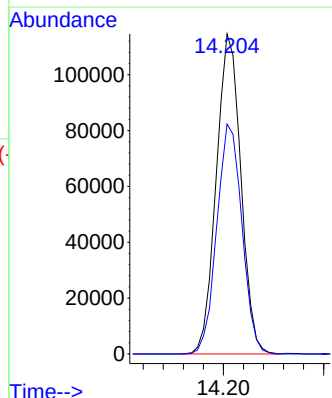
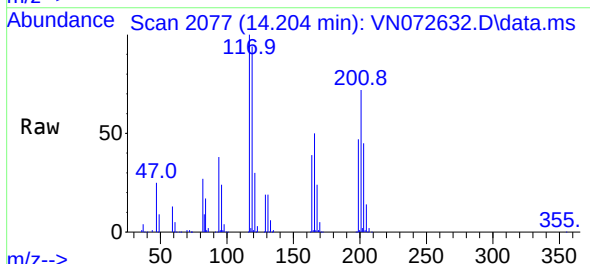
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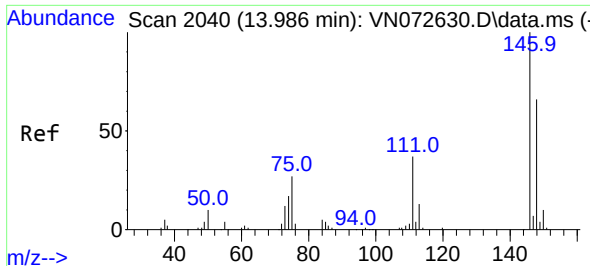
Reviewed By :John Carlone 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022



#86
Hexachloroethane
Concen: 112.171 ug/l
RT: 14.204 min Scan# 2077
Delta R.T. 0.000 min
Lab File: VN072632.D
Acq: 26 May 2022 15:32

Tgt Ion:117 Resp: 194802
Ion Ratio Lower Upper
117 100
201 73.4 33.3 99.8





#87

1,2-Dichlorobenzene

Concen: 102.199 ug/l

RT: 13.980 min Scan# 2040

Delta R.T. -0.006 min

Lab File: VN072632.D

Acq: 26 May 2022 15:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

Tgt Ion:146 Resp: 459900

Ion Ratio Lower Upper

146 100

111 41.4 21.4 64.2

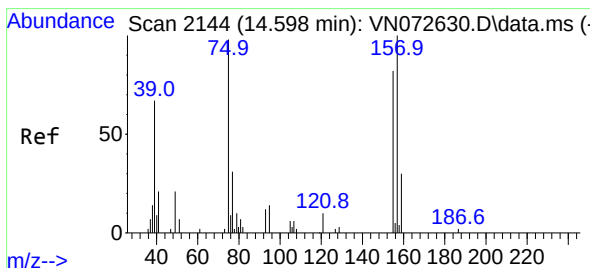
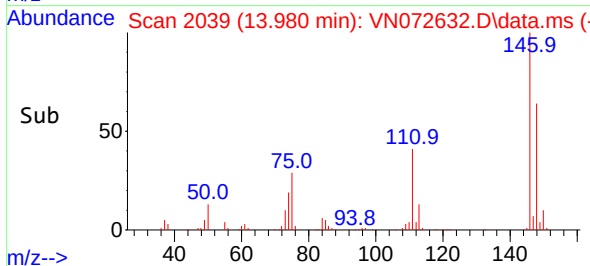
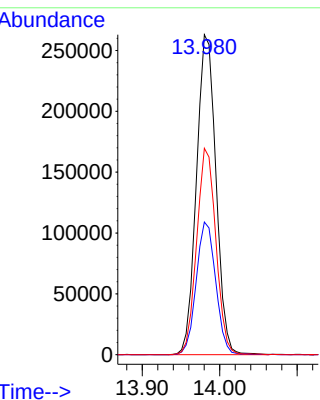
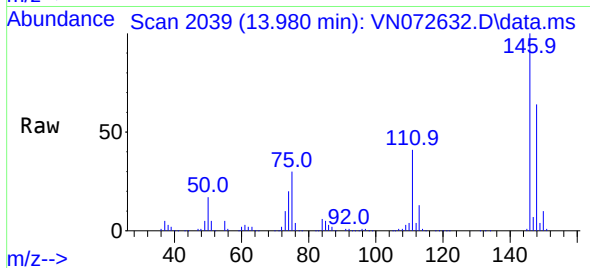
148 63.5 32.5 97.4

Manual Integrations

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Reviewed By :John Carlone 05/27/2022

Supervised By :Mahesh Dadoda 05/27/2022



#88

1,2-Dibromo-3-Chloropropane

Concen: 105.109 ug/l

RT: 14.598 min Scan# 2144

Delta R.T. 0.000 min

Lab File: VN072632.D

Acq: 26 May 2022 15:32

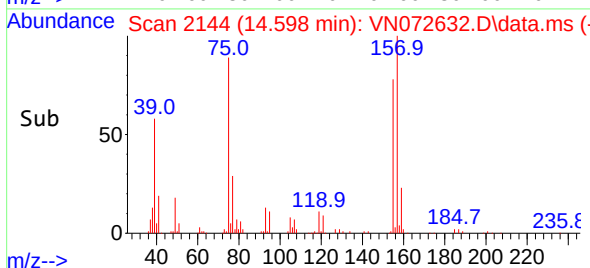
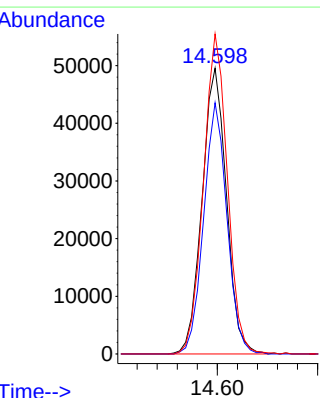
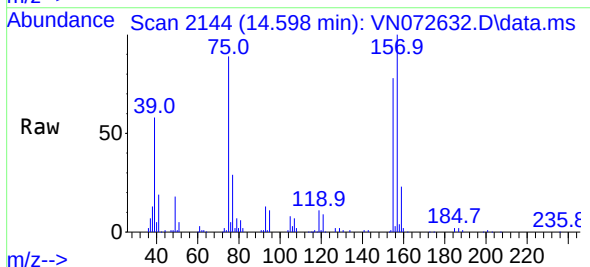
Tgt Ion: 75 Resp: 83763

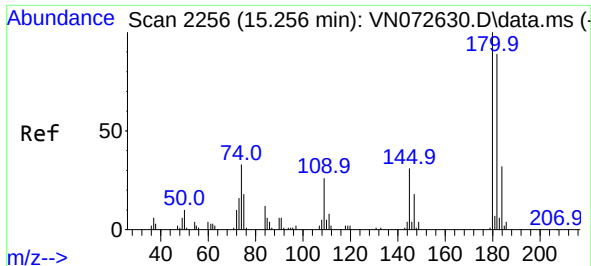
Ion Ratio Lower Upper

75 100

155 83.8 63.8 95.8

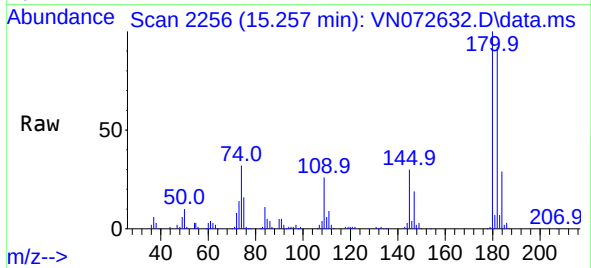
157 109.4 77.9 116.9





#89
1,2,4-Trichlorobenzene
Concen: 120.856 ug/l
RT: 15.257 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN072632.D
Acq: 26 May 2022 15:32

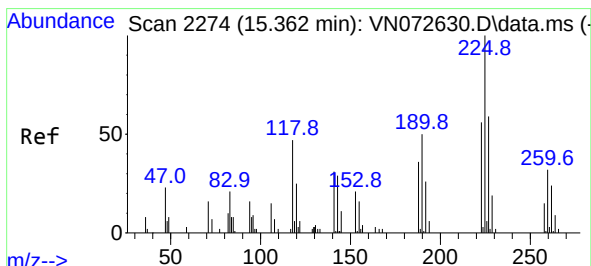
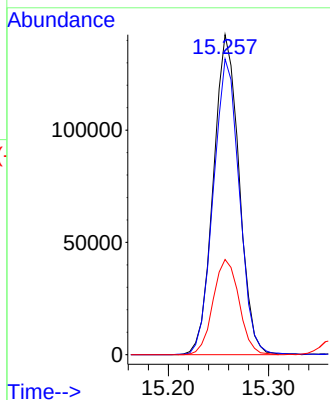
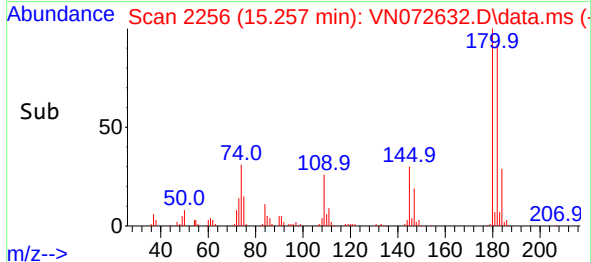
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



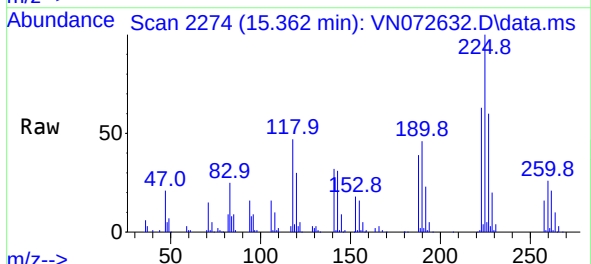
Tgt Ion:180 Resp: 253402
Ion Ratio Lower Upper
180 100
182 93.6 77.7 116.5
145 30.1 26.6 39.8

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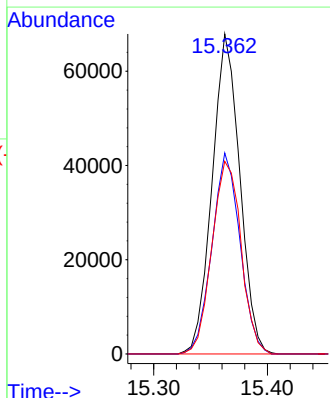
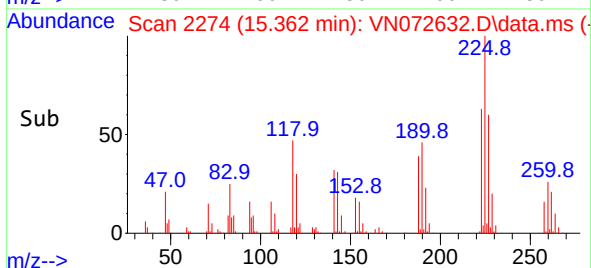
Reviewed By :John Carlone 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022

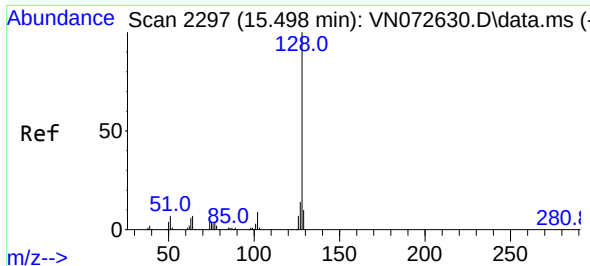


#90
Hexachlorobutadiene
Concen: 93.419 ug/l
RT: 15.362 min Scan# 2274
Delta R.T. 0.000 min
Lab File: VN072632.D
Acq: 26 May 2022 15:32



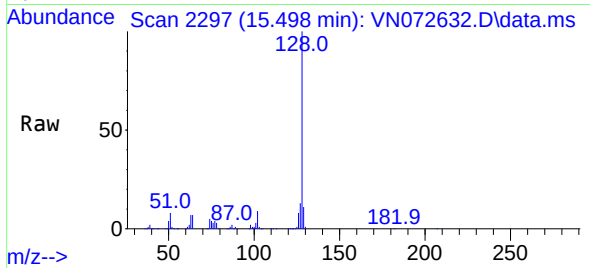
Tgt Ion:225 Resp: 114789
Ion Ratio Lower Upper
225 100
223 63.6 0.0 126.8
227 63.4 0.0 123.0





#91
Naphthalene
Concen: 141.168 ug/l
RT: 15.498 min Scan# 2297
Delta R.T. 0.000 min
Lab File: VN072632.D
Acq: 26 May 2022 15:32

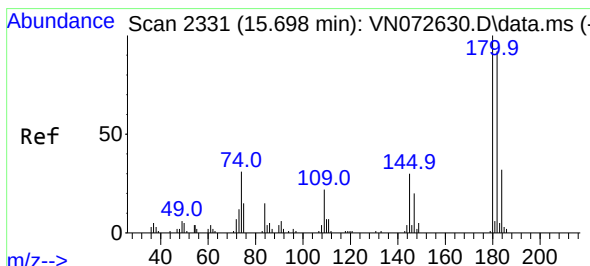
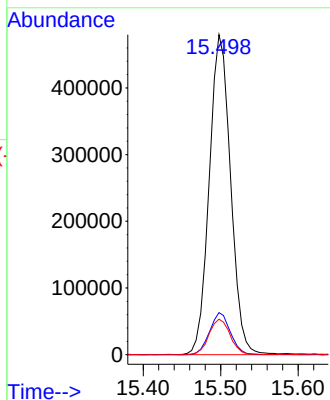
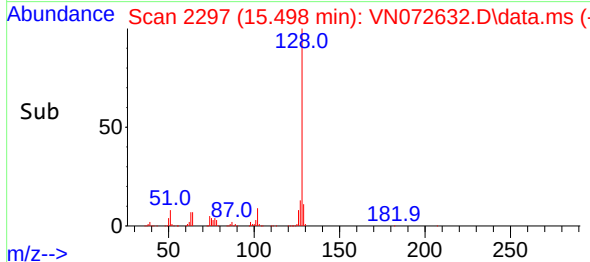
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



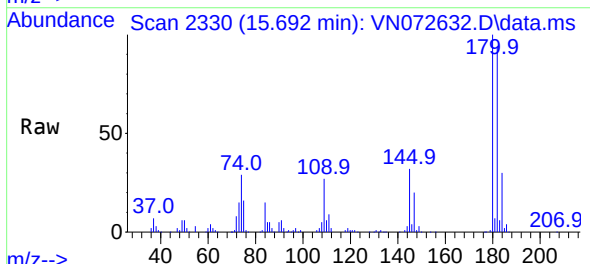
Tgt Ion:128 Resp: 918850
Ion Ratio Lower Upper
128 100
127 12.8 10.7 16.1
129 11.0 9.0 13.6

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



#92
1,2,3-Trichlorobenzene
Concen: 118.234 ug/l
RT: 15.692 min Scan# 2330
Delta R.T. -0.006 min
Lab File: VN072632.D
Acq: 26 May 2022 15:32



Tgt Ion:180 Resp: 251784
Ion Ratio Lower Upper
180 100
182 93.7 0.0 190.0
145 32.2 0.0 67.8

