

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052622\
 Data File : VN072630.D
 Acq On : 26 May 2022 14:44
 Operator : JC\MD
 Sample : VSTDICCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC020

Manual Integrations
 APPROVED

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

Quant Time: May 26 15:10:01 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N052622W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu May 26 15:08:42 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.657	128	31159	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	8.963	114	173803	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.739	117	159606	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.433	65	86347	26.009	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery =	86.700%	#	
60) 4-Bromofluorobenzene	12.727	95	84464	27.516	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery =	91.733%		
63) Toluene-d8	10.439	98	276706	31.532	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery =	105.100%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.069	85	46922	18.724	ug/l	97
3) Chloromethane	2.298	50	55392	23.103	ug/l	90
4) Vinyl Chloride	2.440	62	47963	23.562	ug/l	100
5) Bromomethane	2.834	94	21503	14.077	ug/l	93
6) Chloroethane	3.004	64	31504	23.567	ug/l	96
7) Trichlorofluoromethane	3.369	101	76805	17.360	ug/l	99
8) Diethyl Ether	3.816	74	33341	23.110	ug/l	89
9) 1,1,2-Trichlorotrifluo...	4.204	101	44352	20.481	ug/l #	69
10) 1,1-Dichloroethene	4.181	96	43791	21.791	ug/l	97
11) Methyl Iodide	4.416	142	40636	14.633	ug/l	94
12) Methyl Acetate	4.851	43	80069	24.155	ug/l	93
13) Acrolein	4.034	56	42402	87.613	ug/l	100
14) Acrylonitrile	5.545	53	177567	124.155	ug/l	97
15) Acetone	4.281	58	46661	124.674	ug/l	95
16) Carbon Disulfide	4.528	76	115161	22.091	ug/l	98
17) Allyl chloride	4.839	41	87048	23.471	ug/l	81
18) Methylene Chloride	5.087	84	58572	24.086	ug/l	97
19) trans-1,2-Dichloroethene	5.592	96	48606	22.035	ug/l	98
20) Diisopropyl ether	6.492	45	189550	24.376	ug/l	90
21) 1,1-Dichloroethane	6.381	63	97435	21.694	ug/l	98
22) cis-1,2-Dichloroethene	7.322	96	58197	22.315	ug/l	98
23) tert-Butyl Alcohol	5.357	59	55202	94.536	ug/l #	100
24) Methyl tert-Butyl Ether	5.604	73	161717	20.110	ug/l #	69
25) Chloroform	7.810	83	96580	20.350	ug/l	96
26) Cyclohexane	8.086	56	86755	23.334	ug/l #	91
29) 1,1-Dichloropropene	8.222	75	71975	20.549	ug/l	95
30) 2-Butanone	7.328	43	251995	119.836	ug/l	94
31) 2,2-Dichloropropane	7.322	77	75914	17.960	ug/l	99
32) 1,1,1-Trichloroethane	8.010	97	81177	17.003	ug/l	98
33) Carbon Tetrachloride	8.204	117	70822	16.885	ug/l	97
34) Benzene	8.457	78	228138	22.511	ug/l	98
35) Methacrylonitrile	7.628	41	45504	21.008	ug/l	90
36) 1,2-Dichloroethane	8.522	62	73843	16.840	ug/l #	95
37) Trichloroethene	9.210	130	53338	19.985	ug/l	97
38) Methylcyclohexane	9.457	83	86162	21.162	ug/l	94
39) 1,2-Dichloropropane	9.480	63	60514	23.502	ug/l	96
40) Dibromomethane	9.574	93	38226	20.056	ug/l	94
41) Bromodichloromethane	9.757	83	76154	18.957	ug/l	97
42) Vinyl Acetate	6.428	43	806300	115.334	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.404	43	92108	22.586	ug/l	95
44) Isopropyl Acetate	8.557	43	142836	22.145	ug/l	98
45) 1,4-Dioxane	9.563	88	24431	409.216	ug/l #	87
46) Methyl methacrylate	9.557	41	63716	20.843	ug/l	84
47) n-amyl Acetate	12.380	43	101020	22.819	ug/l	98
48) t-1,3-Dichloropropene	10.716	75	79537	18.679	ug/l	98
49) cis-1,3-Dichloropropene	10.180	75	90961	20.798	ug/l	91
50) 1,1,2-Trichloroethane	10.892	97	57119	21.239	ug/l	89
51) Ethyl methacrylate	10.757	69	93230	21.902	ug/l	89
52) 1,3-Dichloropropane	11.039	76	100050	21.500	ug/l	100
53) Dibromochloromethane	11.233	129	57925	18.552	ug/l	100
54) 1,2-Dibromoethane	11.339	107	58363	20.484	ug/l	97
55) 2-Chloroethyl vinyl ether	10.039	63	186282	151.183	ug/l	98
56) Bromoform	12.451	173	42017	17.716	ug/l #	98
58) 4-Methyl-2-Pentanone	10.327	43	486434	122.641	ug/l	96
59) 2-Hexanone	11.080	43	346601	119.744	ug/l	97
61) Tetrachloroethene	10.974	164	46652	19.743	ug/l	91
62) Toluene	10.498	91	245879	22.228	ug/l	98
64) Chlorobenzene	11.763	112	139530	20.510	ug/l	99
65) 1,1,1,2-Tetrachloroethane	11.833	131	54735	19.865	ug/l	98
66) Ethyl Benzene	11.839	91	256311	20.902	ug/l	99
67) m/p-Xylenes	11.945	106	193781	41.691	ug/l	99
68) o-Xylene	12.274	106	96640	20.995	ug/l	98
69) Styrene	12.286	104	148632	20.342	ug/l	99
70) Isopropylbenzene	12.574	105	246535	20.334	ug/l	100
71) 1,1,2,2-Tetrachloroethane	12.821	83	85437	22.616	ug/l	98
72) 1,2,3-Trichloropropane	12.874	75	73760m	21.234	ug/l	
73) Bromobenzene	12.851	156	54261	18.854	ug/l	93
74) n-propylbenzene	12.915	91	270074	20.204	ug/l	100
75) 2-Chlorotoluene	13.004	91	164333	19.423	ug/l	99
76) 1,3,5-Trimethylbenzene	13.057	105	191312	18.780	ug/l	97
77) t-1,4-Dichloro-2-butene	12.621	75	26393	21.953	ug/l	91
78) 4-Chlorotoluene	13.098	91	150574	18.925	ug/l	97
79) tert-butylbenzene	13.315	119	172268	19.140	ug/l	96
80) 1,2,4-Trimethylbenzene	13.362	105	187347m	19.014	ug/l	
81) sec-Butylbenzene	13.498	105	233285	19.394	ug/l	100
82) p-Isopropyltoluene	13.609	119	181207	18.427	ug/l	97
83) 1,3-Dichlorobenzene	13.609	146	88631	18.104	ug/l	98
84) 1,4-Dichlorobenzene	13.686	146	86341	18.112	ug/l	97
85) n-Butylbenzene	13.939	91	139494	18.708	ug/l	97
86) Hexachloroethane	14.204	117	35984	19.419	ug/l	91
87) 1,2-Dichlorobenzene	13.986	146	91384	19.032	ug/l	98
88) 1,2-Dibromo-3-Chloropr...	14.598	75	15297	17.990	ug/l	93
89) 1,2,4-Trichlorobenzene	15.256	180	42314	18.914	ug/l	98
90) Hexachlorobutadiene	15.362	225	22982	17.529	ug/l	99
91) Naphthalene	15.498	128	141578	20.385	ug/l	99
92) 1,2,3-Trichlorobenzene	15.698	180	43969	19.351	ug/l	98

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

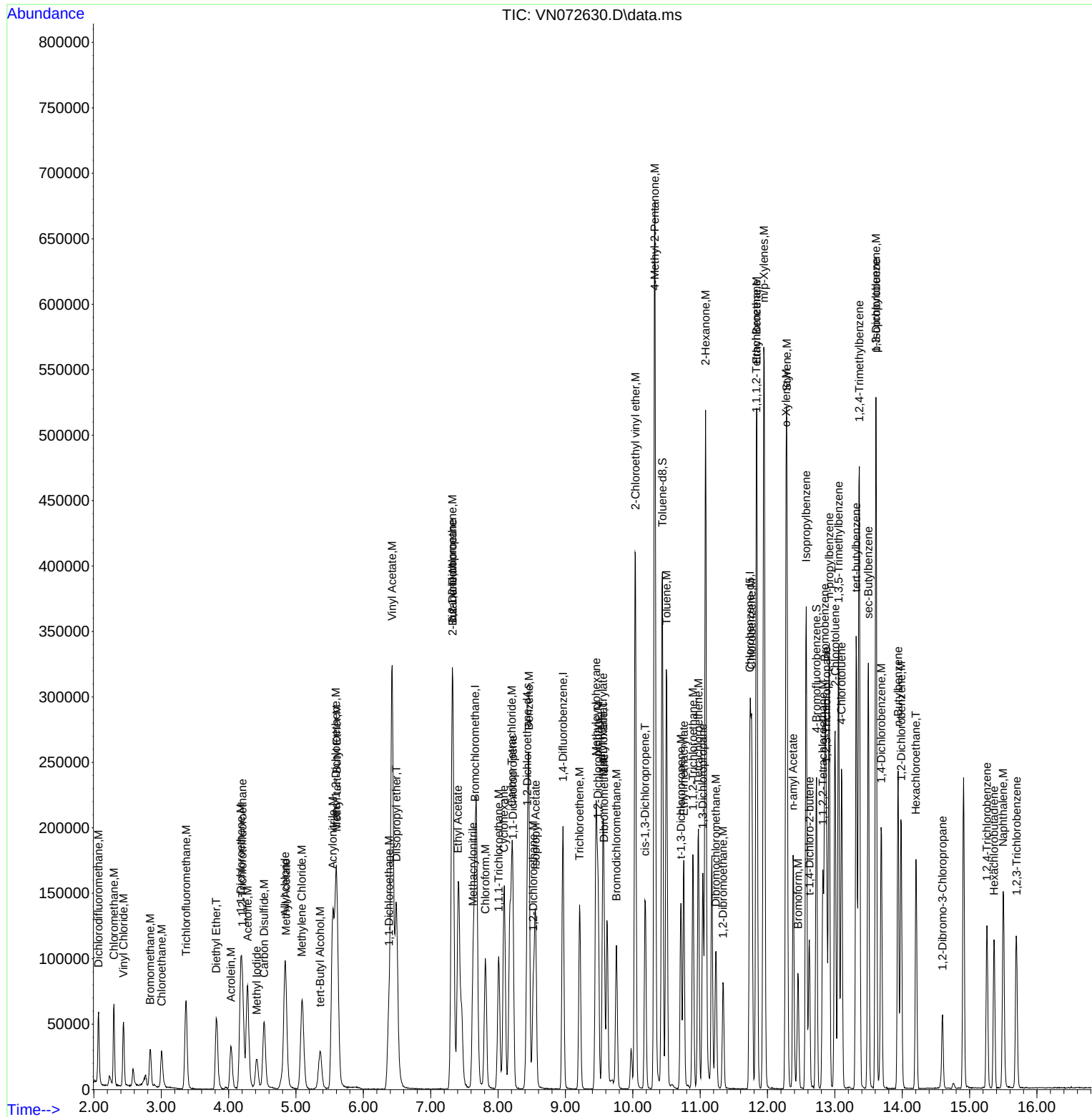
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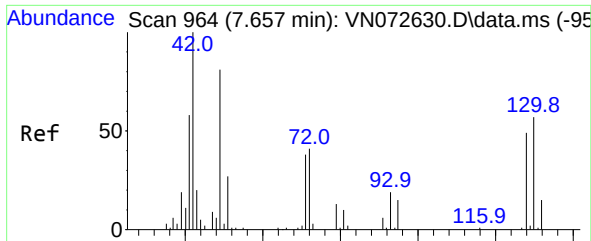
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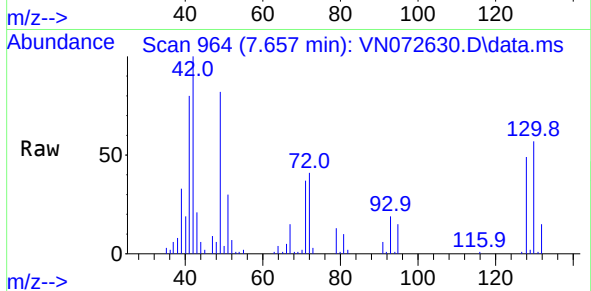
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Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Thu May 26 15:08:42 2022
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.657 min Scan# 964
Delta R.T. -0.000 min
Lab File: VN072630.D
Acq: 26 May 2022 14:44

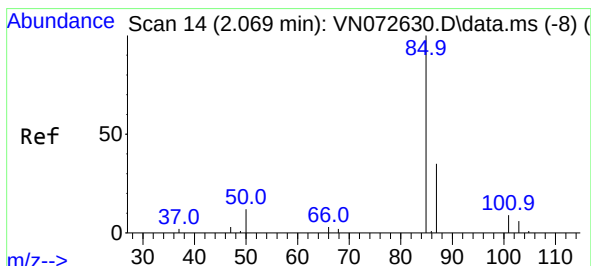
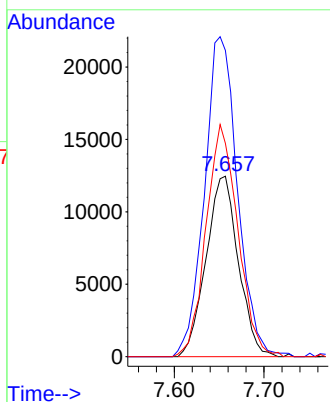
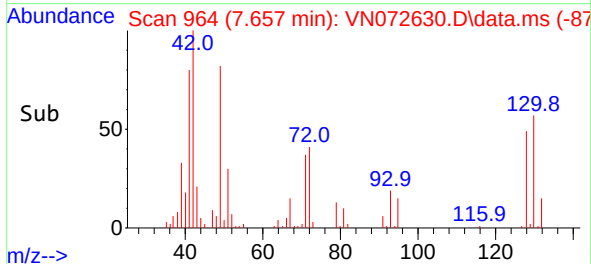
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



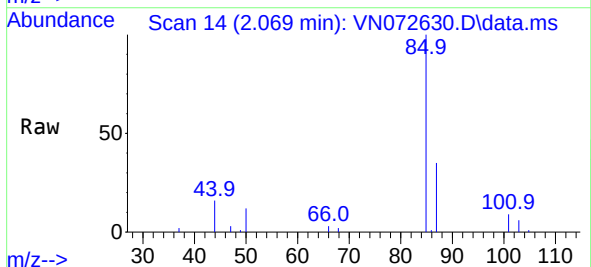
Tgt Ion:128 Resp: 31159
Ion Ratio Lower Upper
128 100
49 180.8 0.0 392.3
130 126.6 0.0 320.2

Manual Integrations
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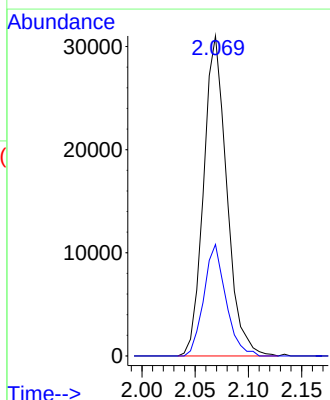
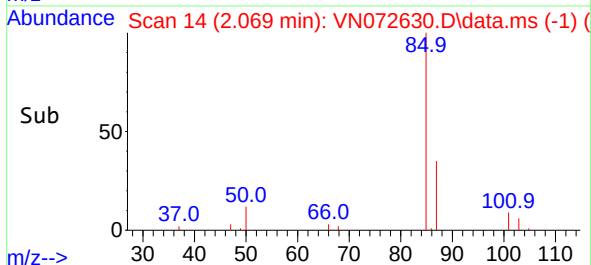
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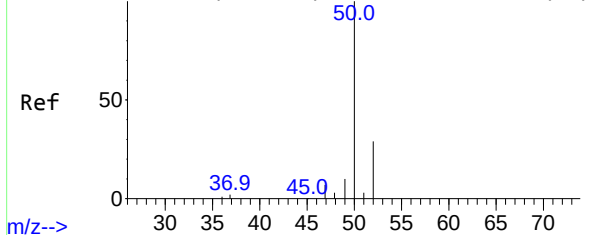
#2
Dichlorodifluoromethane
Concen: 18.724 ug/l
RT: 2.069 min Scan# 14
Delta R.T. 0.000 min
Lab File: VN072630.D
Acq: 26 May 2022 14:44



Tgt Ion: 85 Resp: 46922
Ion Ratio Lower Upper
85 100
87 34.9 16.6 49.7



Abundance Scan 53 (2.298 min): VN072630.D\data.ms (-47)



#3

Chloromethane

Concen: 23.103 ug/l

RT: 2.298 min Scan# 51

Delta R.T. 0.000 min

Lab File: VN072630.D

Acq: 26 May 2022 14:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC020

Tgt Ion: 50 Resp: 55392

Ion Ratio Lower Upper

50 100

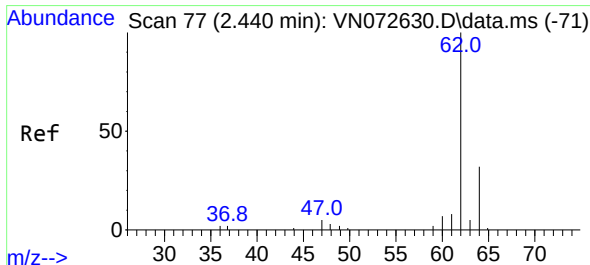
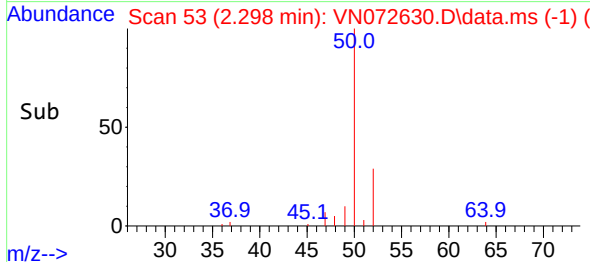
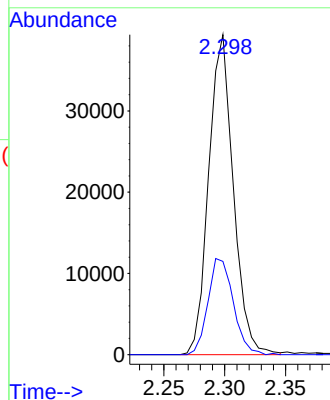
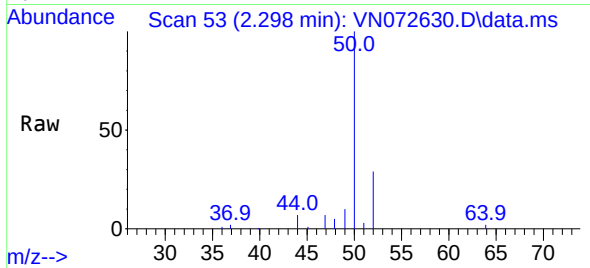
52 29.2 27.8 41.6

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#4

Vinyl Chloride

Concen: 23.562 ug/l

RT: 2.440 min Scan# 77

Delta R.T. 0.000 min

Lab File: VN072630.D

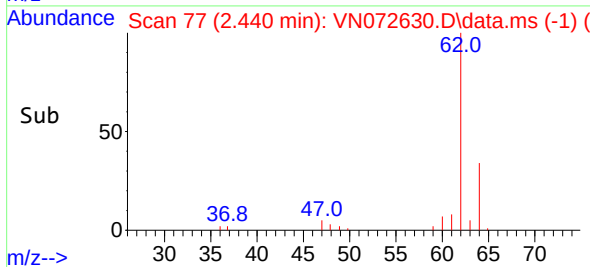
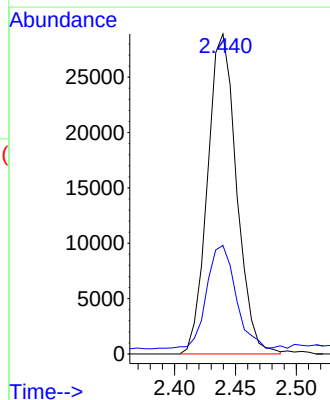
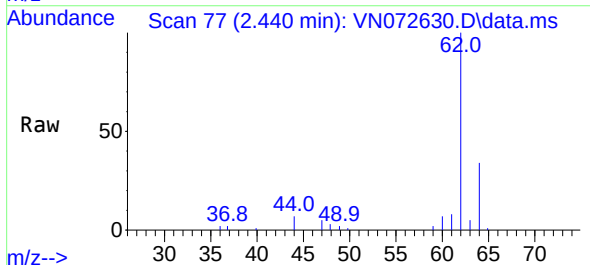
Acq: 26 May 2022 14:44

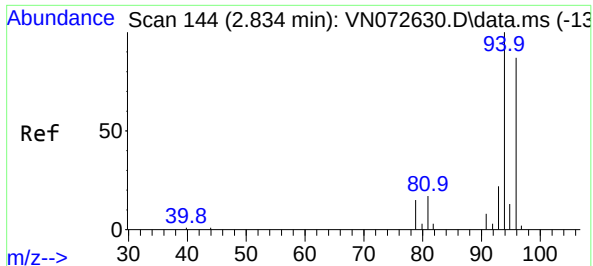
Tgt Ion: 62 Resp: 47963

Ion Ratio Lower Upper

62 100

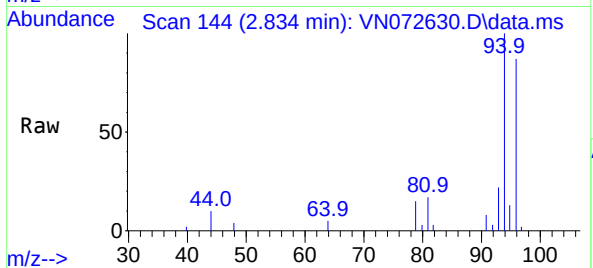
64 31.6 25.1 37.7





#5
Bromomethane
Concen: 14.077 ug/l
RT: 2.834 min Scan# 144
Delta R.T. 0.000 min
Lab File: VN072630.D
Acq: 26 May 2022 14:44

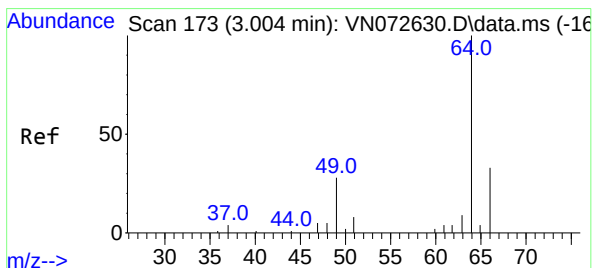
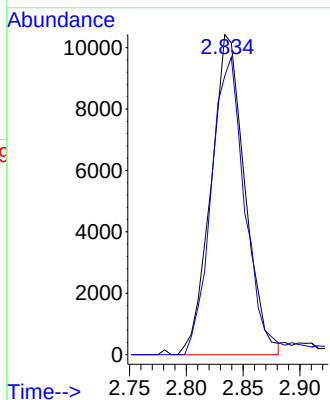
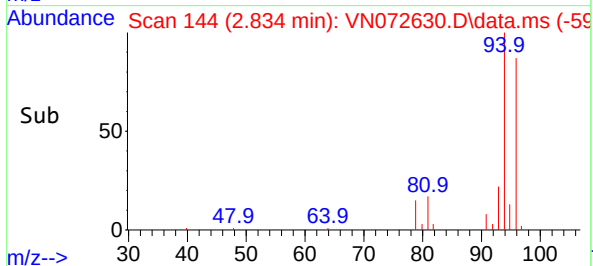
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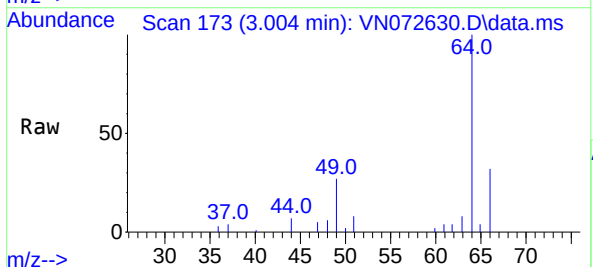
Tgt Ion: 94 Resp: 2150
Ion Ratio Lower Upper
94 100
96 87.1 75.2 112.8

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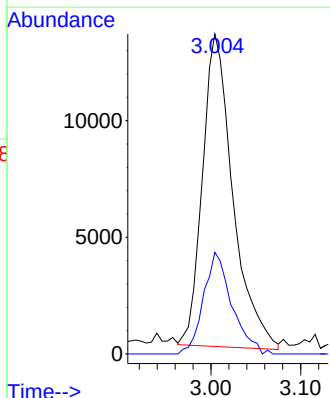
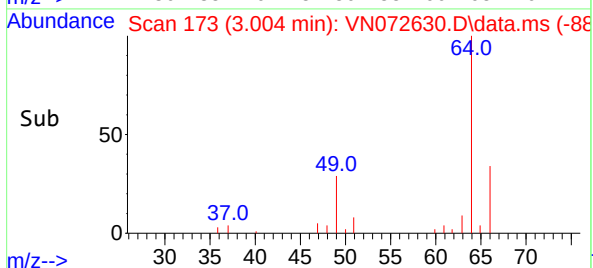
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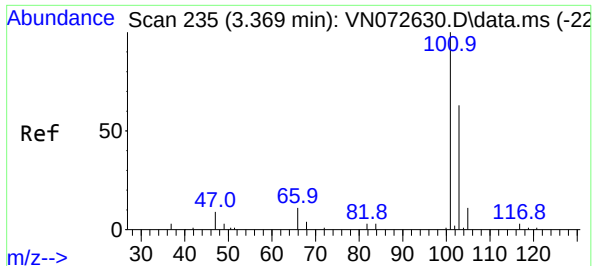


#6
Chloroethane
Concen: 23.567 ug/l
RT: 3.004 min Scan# 173
Delta R.T. 0.000 min
Lab File: VN072630.D
Acq: 26 May 2022 14:44



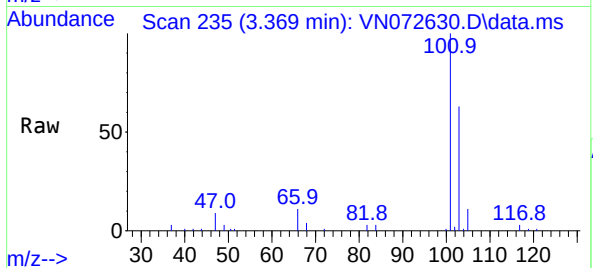
Tgt Ion: 64 Resp: 31504
Ion Ratio Lower Upper
64 100
66 32.8 24.6 36.8





#7
Trichlorofluoromethane
Concen: 17.360 ug/l
RT: 3.369 min Scan# 210
Delta R.T. 0.000 min
Lab File: VN072630.D
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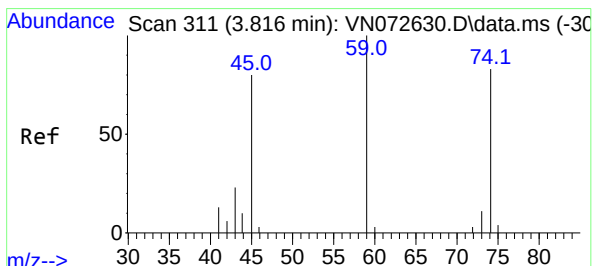
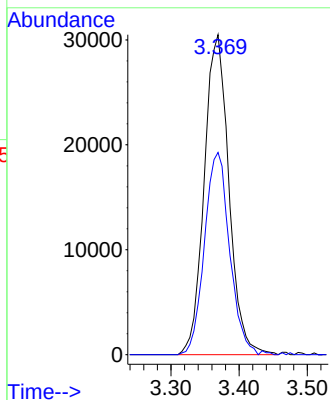
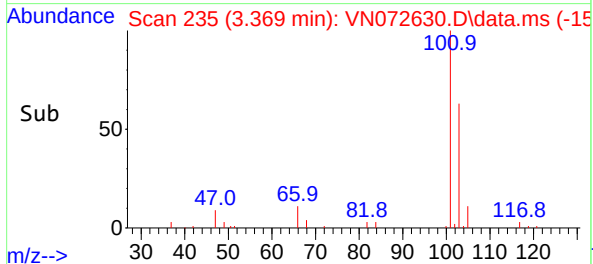
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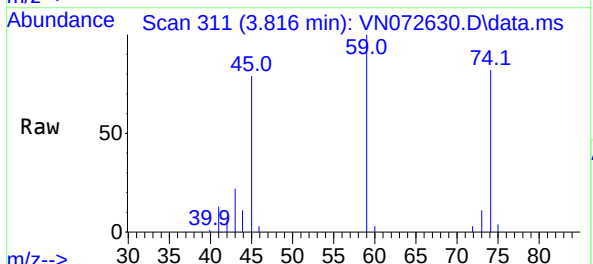
Tgt Ion:101 Resp: 7680
Ion Ratio Lower Upper
101 100
103 63.2 50.1 75.1

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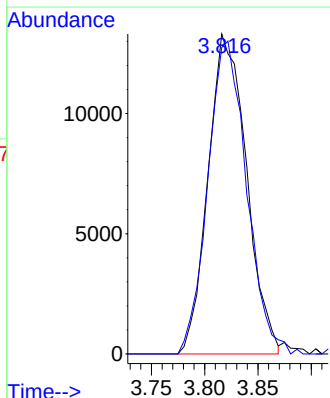
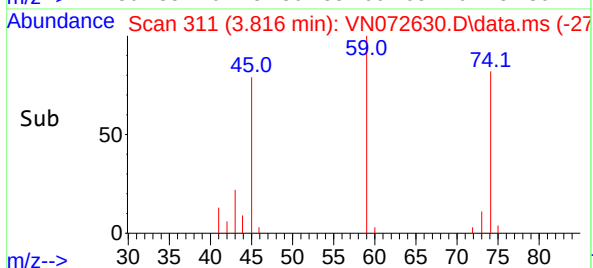
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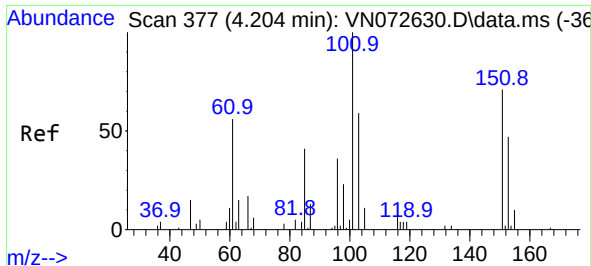


#8
Diethyl Ether
Concen: 23.110 ug/l
RT: 3.816 min Scan# 311
Delta R.T. 0.000 min
Lab File: VN072630.D
Acq: 26 May 2022 14:44



Tgt Ion: 74 Resp: 33341
Ion Ratio Lower Upper
74 100
45 98.5 17.6 158.8





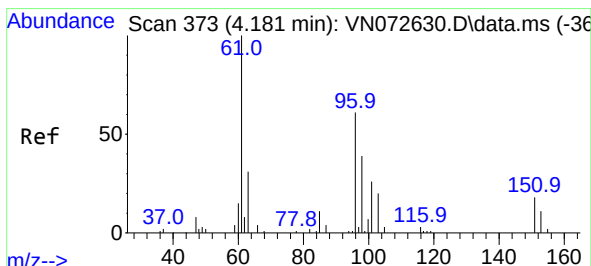
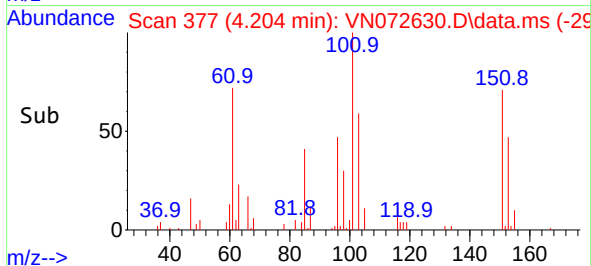
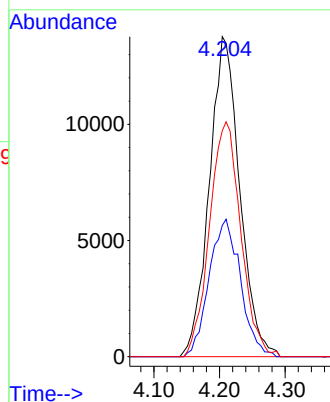
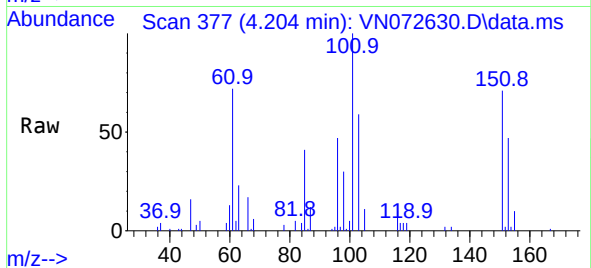
#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.481 ug/l
RT: 4.204 min Scan# 377
Delta R.T. 0.000 min
Lab File: VN072630.D
Acq: 26 May 2022 14:44

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Tgt Ion:101 Resp: 44352
Ion Ratio Lower Upper
101 100
85 44.2 0.0 94.0
151 75.3 0.0 74.6

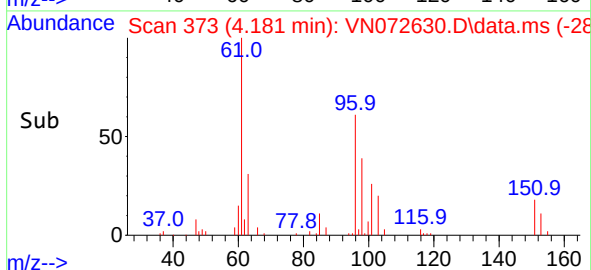
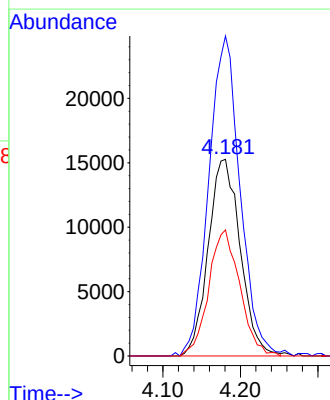
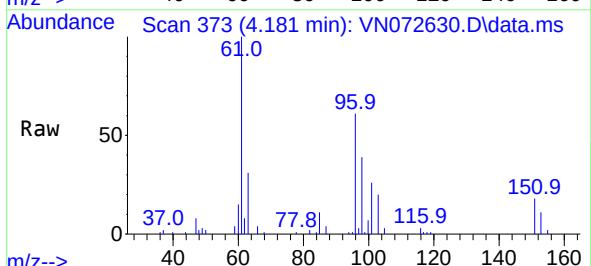
Manual Integrations
APPROVED

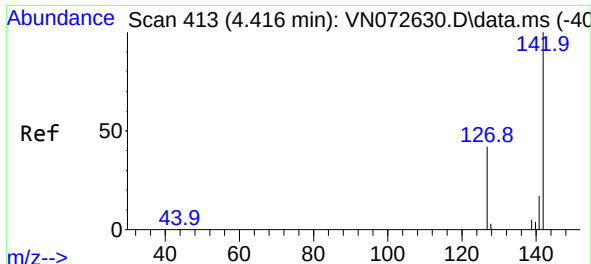
Reviewed By :John Carlone 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022



#10
1,1-Dichloroethene
Concen: 21.791 ug/l
RT: 4.181 min Scan# 373
Delta R.T. 0.000 min
Lab File: VN072630.D
Acq: 26 May 2022 14:44

Tgt Ion: 96 Resp: 43791
Ion Ratio Lower Upper
96 100
61 162.7 126.2 189.4
98 64.1 50.9 76.3





#11

Methyl Iodide

Concen: 14.633 ug/l

RT: 4.416 min Scan# 413

Delta R.T. 0.000 min

Lab File: VN072630.D

Acq: 26 May 2022 14:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC020

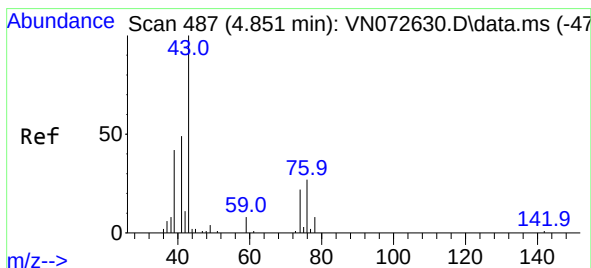
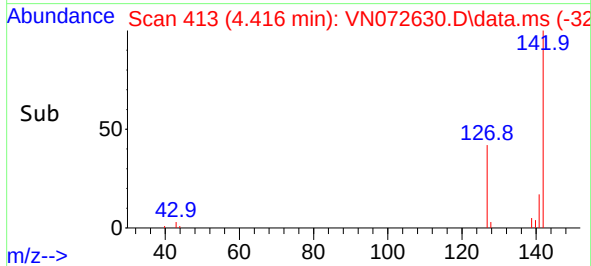
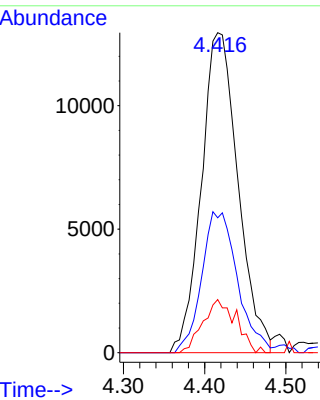
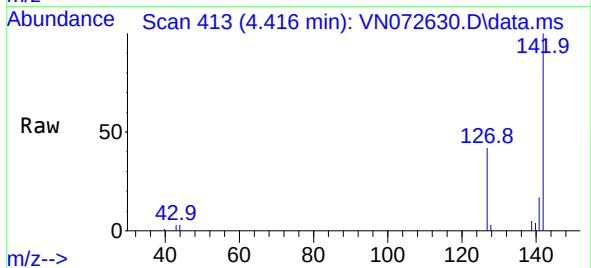
Tgt Ion:142 Resp: 40630
 Ion Ratio Lower Upper
 142 100
 127 42.3 24.0 72.0
 141 16.9 8.4 25.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/27/2022

Supervised By :Mahesh Dadoda 05/27/2022



#12

Methyl Acetate

Concen: 24.155 ug/l

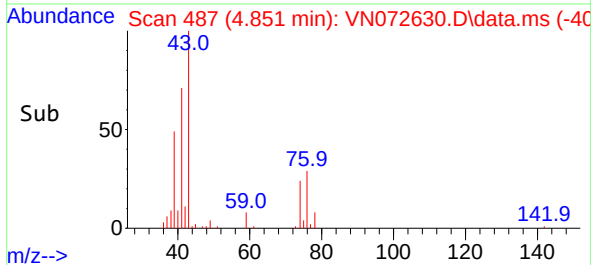
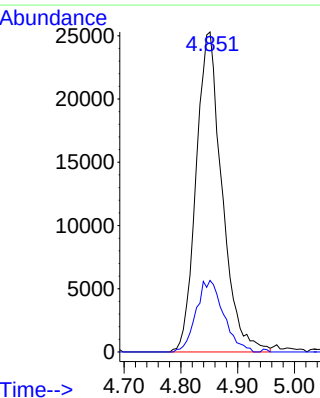
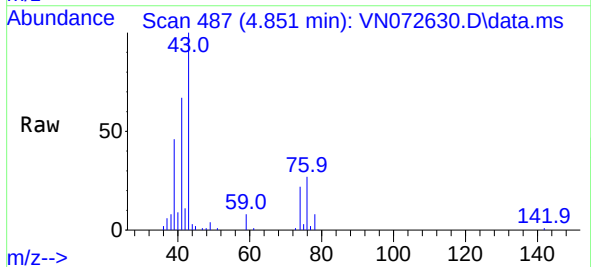
RT: 4.851 min Scan# 487

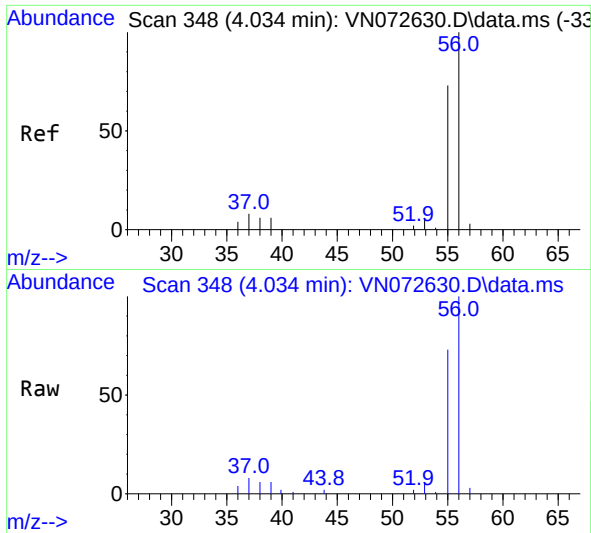
Delta R.T. 0.000 min

Lab File: VN072630.D

Acq: 26 May 2022 14:44

Tgt Ion: 43 Resp: 80069
 Ion Ratio Lower Upper
 43 100
 74 22.5 20.8 31.2





#13

Acrolein

Concen: 87.613 ug/l

RT: 4.034 min Scan# 348

Delta R.T. 0.000 min

Lab File: VN072630.D

Acq: 26 May 2022 14:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC020

Tgt Ion: 56 Resp: 4240

Ion Ratio Lower Upper

56 100

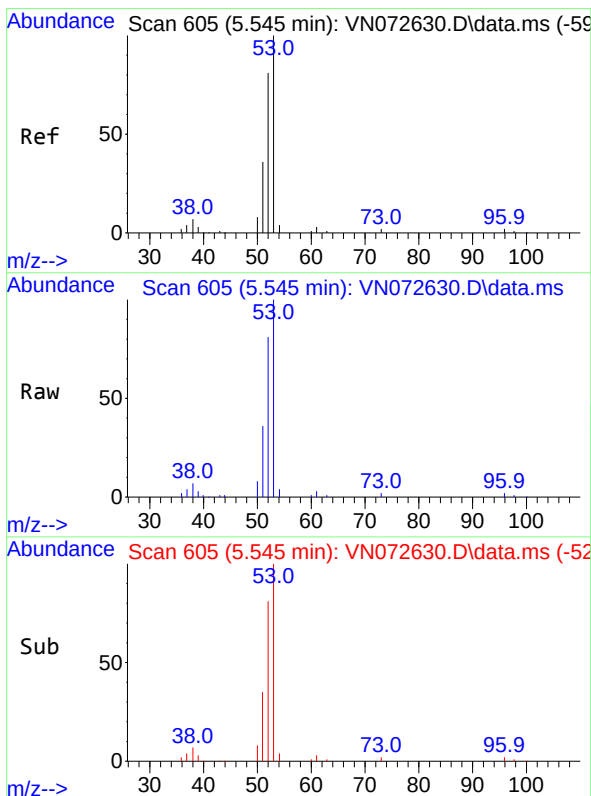
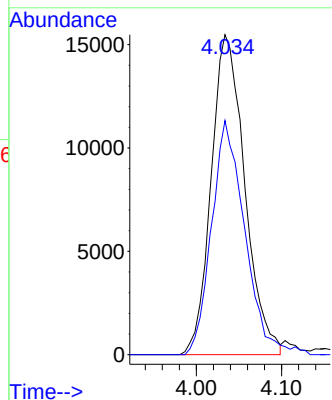
55 71.9 57.6 86.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/27/2022

Supervised By :Mahesh Dadoda 05/27/2022



#14

Acrylonitrile

Concen: 124.155 ug/l

RT: 5.545 min Scan# 605

Delta R.T. 0.000 min

Lab File: VN072630.D

Acq: 26 May 2022 14:44

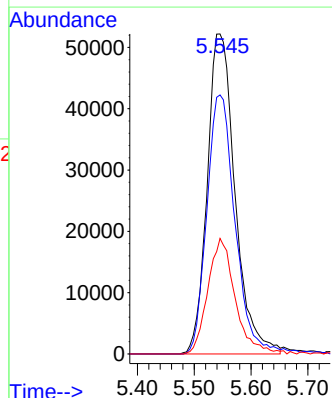
Tgt Ion: 53 Resp: 177567

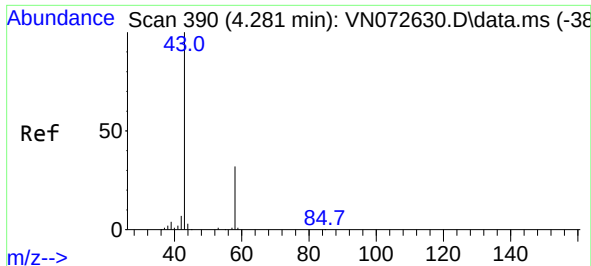
Ion Ratio Lower Upper

53 100

52 81.8 41.8 125.4

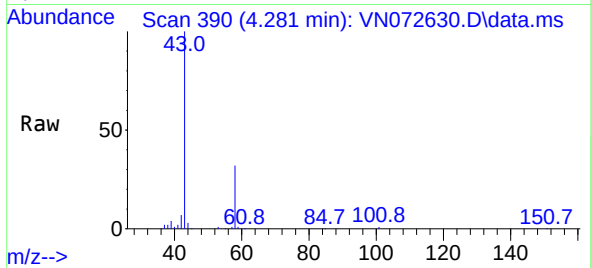
51 35.1 19.0 57.0





#15
Acetone
Concen: 124.674 ug/l
RT: 4.281 min Scan# 390
Delta R.T. 0.000 min
Lab File: VN072630.D
Acq: 26 May 2022 14:44

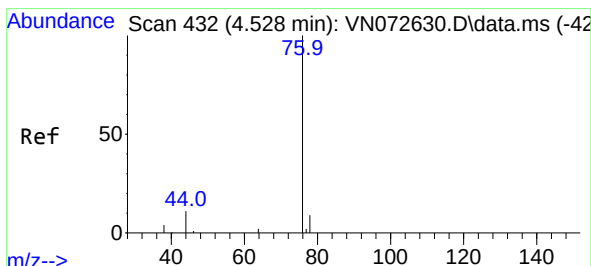
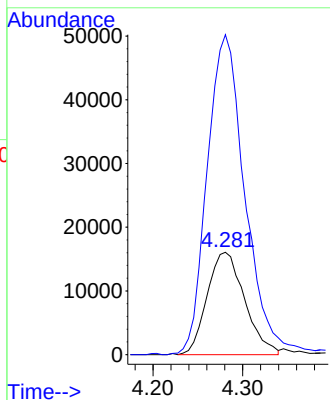
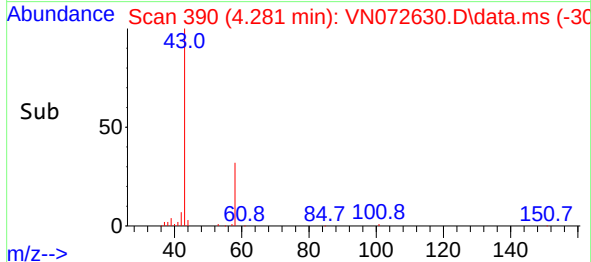
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



Tgt Ion: 58 Resp: 4666
Ion Ratio Lower Upper
58 100
43 310.7 256.6 384.8

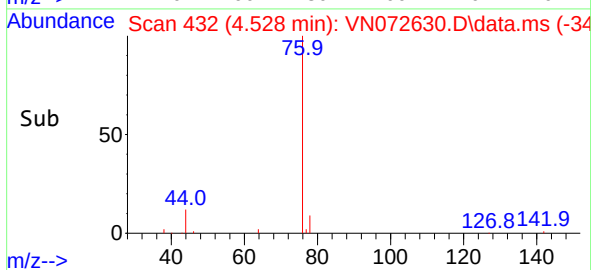
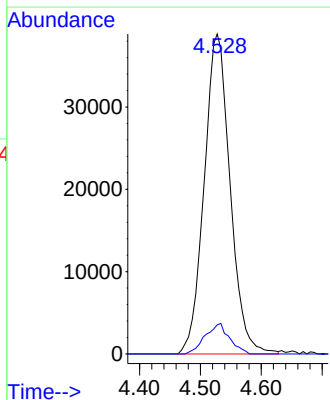
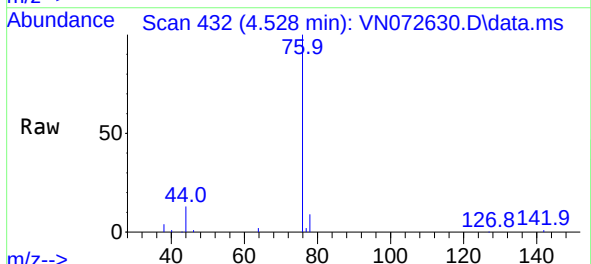
Manual Integrations
APPROVED

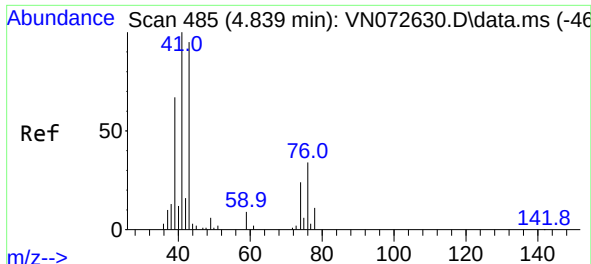
Reviewed By :John Carlone 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022



#16
Carbon Disulfide
Concen: 22.091 ug/l
RT: 4.528 min Scan# 432
Delta R.T. 0.000 min
Lab File: VN072630.D
Acq: 26 May 2022 14:44

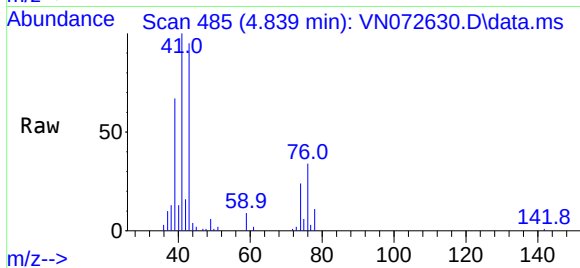
Tgt Ion: 76 Resp: 115161
Ion Ratio Lower Upper
76 100
78 9.1 7.8 11.8





#17
Allyl chloride
Concen: 23.471 ug/l
RT: 4.839 min Scan# 485
Delta R.T. 0.000 min
Lab File: VN072630.D
Acq: 26 May 2022 14:44

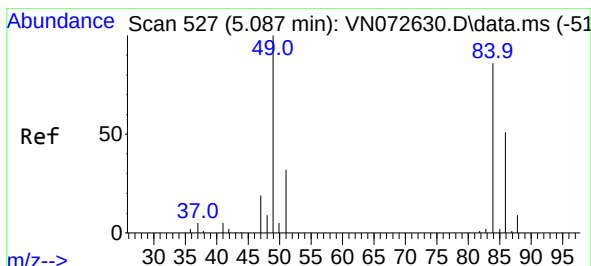
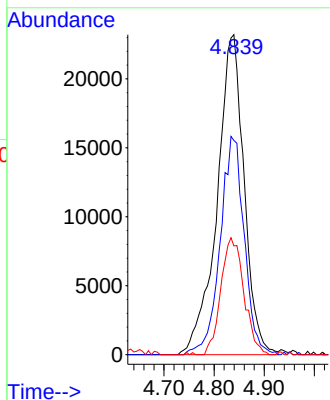
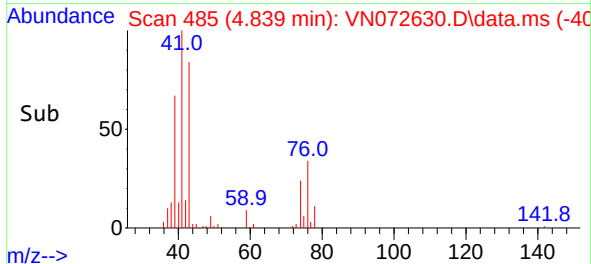
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



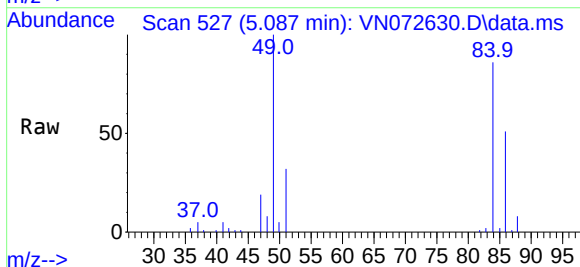
Tgt Ion: 41 Resp: 87048
Ion Ratio Lower Upper
41 100
39 66.9 44.6 134.0
76 34.0 19.6 58.7

Manual Integrations
APPROVED

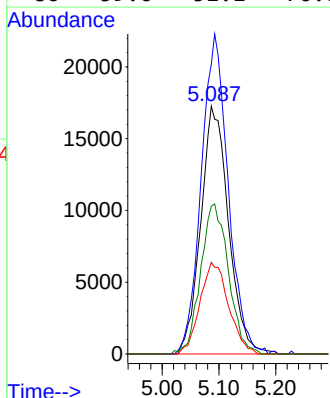
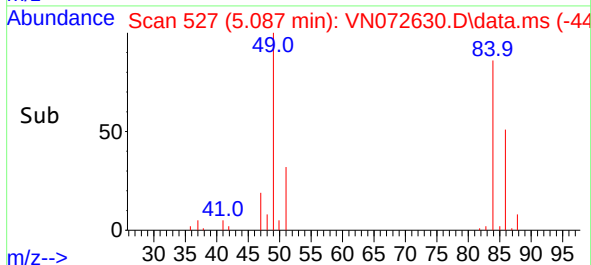
Reviewed By :John Carlone 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022

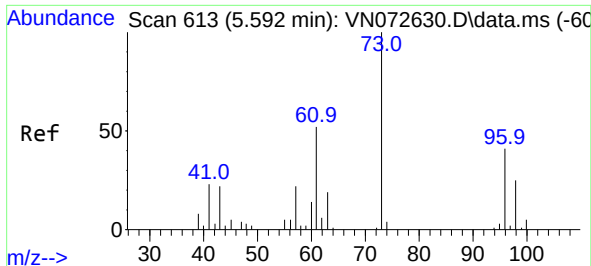


#18
Methylene Chloride
Concen: 24.086 ug/l
RT: 5.087 min Scan# 527
Delta R.T. 0.000 min
Lab File: VN072630.D
Acq: 26 May 2022 14:44



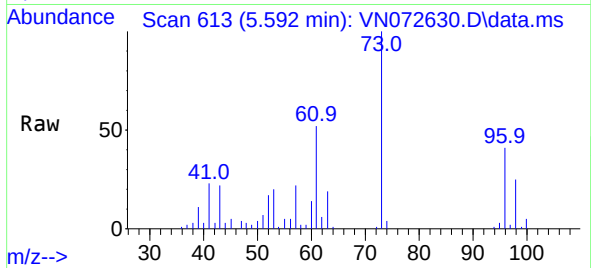
Tgt Ion: 84 Resp: 58572
Ion Ratio Lower Upper
84 100
49 117.0 91.4 137.0
51 36.9 29.4 44.0
86 59.6 51.1 76.7





#19
trans-1,2-Dichloroethene
Concen: 22.035 ug/l
RT: 5.592 min Scan# 613
Delta R.T. 0.000 min
Lab File: VN072630.D
Acq: 26 May 2022 14:44

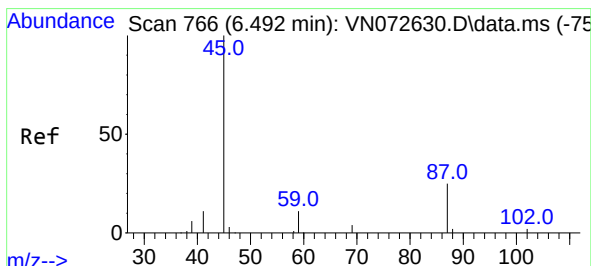
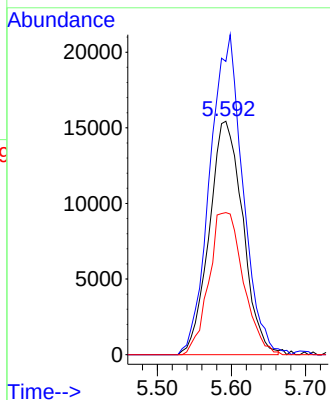
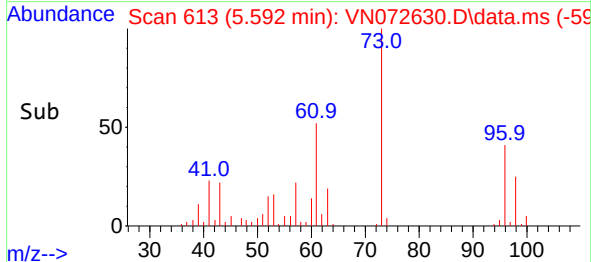
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



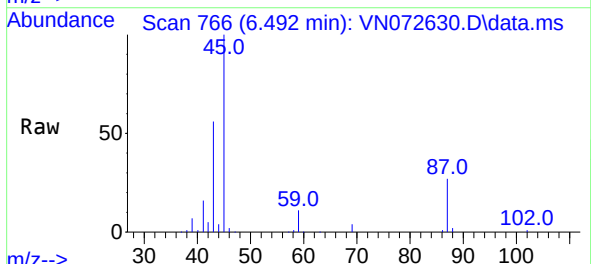
Tgt Ion: 96 Resp: 48600
Ion Ratio Lower Upper
96 100
61 125.6 102.8 154.2
98 60.8 49.3 73.9

Manual Integrations
APPROVED

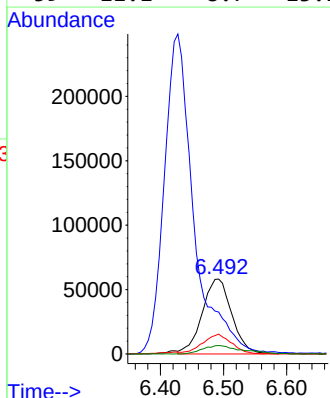
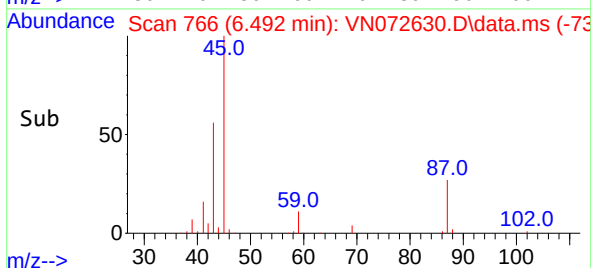
Reviewed By :John Carlone 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022

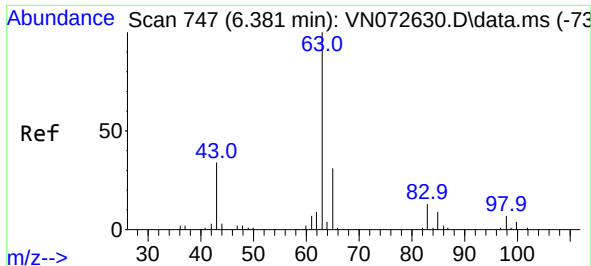


#20
Diisopropyl ether
Concen: 24.376 ug/l
RT: 6.492 min Scan# 766
Delta R.T. 0.000 min
Lab File: VN072630.D
Acq: 26 May 2022 14:44



Tgt Ion: 45 Resp: 189550
Ion Ratio Lower Upper
45 100
43 54.2 51.0 76.4
87 26.7 25.0 37.4
59 11.1 8.7 13.1





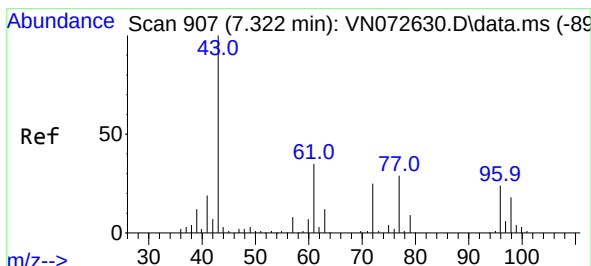
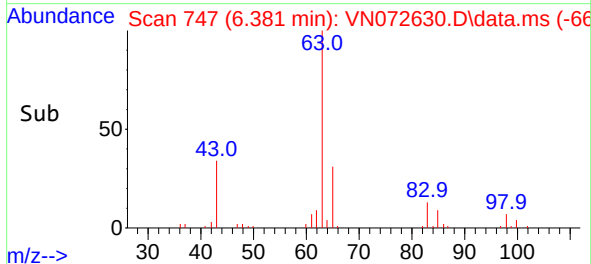
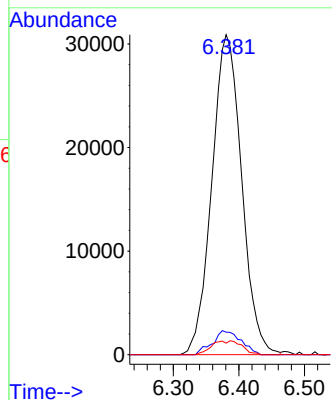
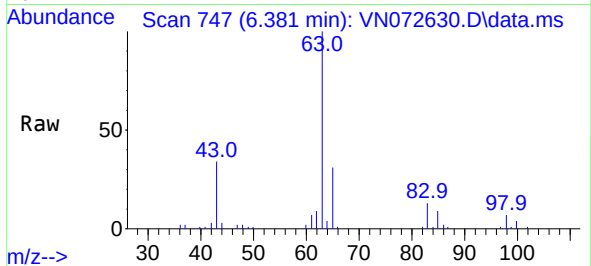
#21
1,1-Dichloroethane
Concen: 21.694 ug/l
RT: 6.381 min Scan# 747
Delta R.T. 0.000 min
Lab File: VN072630.D
Acq: 26 May 2022 14:44

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion: 63 Resp: 97435
Ion Ratio Lower Upper
63 100
98 7.0 3.2 9.6
100 3.6 2.1 6.2

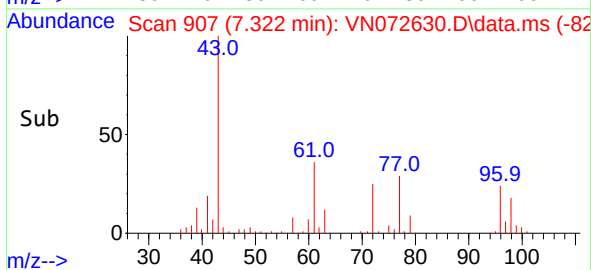
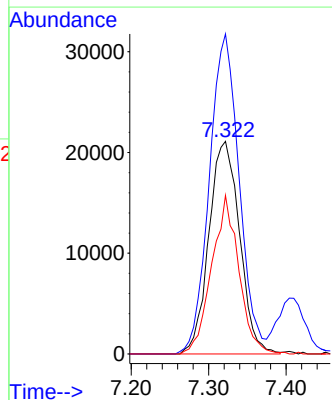
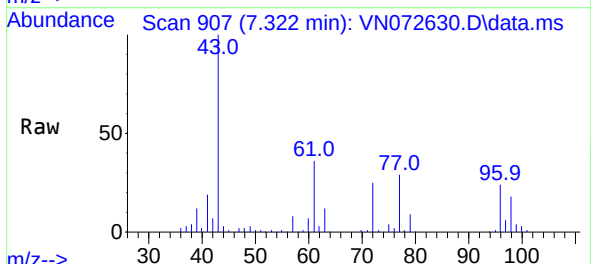
Manual Integrations
APPROVED

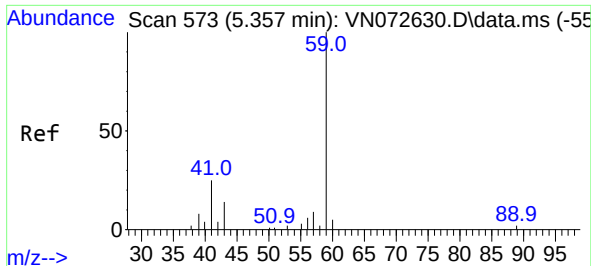
Reviewed By :John Carlone 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022



#22
cis-1,2-Dichloroethene
Concen: 22.315 ug/l
RT: 7.322 min Scan# 907
Delta R.T. 0.000 min
Lab File: VN072630.D
Acq: 26 May 2022 14:44

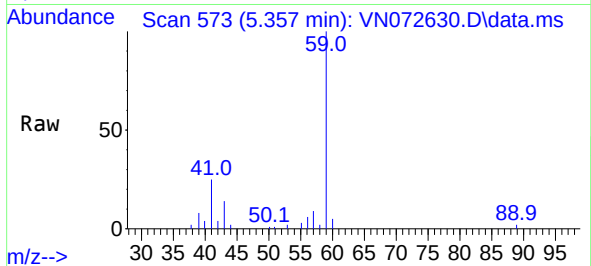
Tgt Ion: 96 Resp: 58197
Ion Ratio Lower Upper
96 100
61 146.6 115.7 173.5
98 65.8 51.6 77.4





#23
tert-Butyl Alcohol
Concen: 94.536 ug/l
RT: 5.357 min Scan# 51
Delta R.T. 0.000 min
Lab File: VN072630.D
Acq: 26 May 2022 14:44

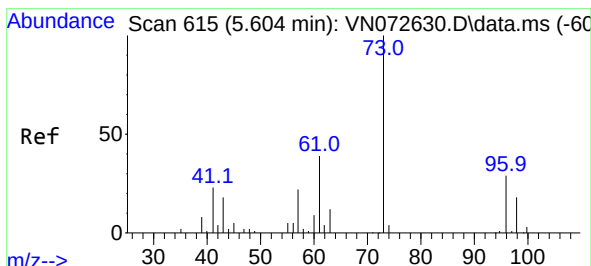
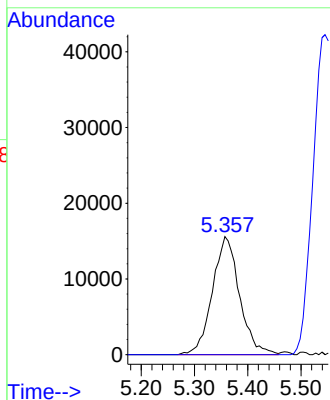
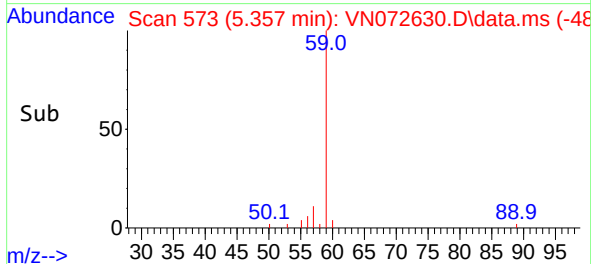
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



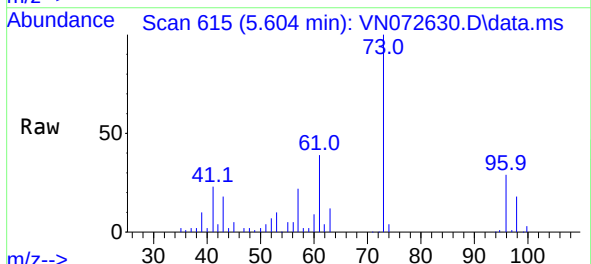
Tgt Ion: 59 Resp: 5520
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

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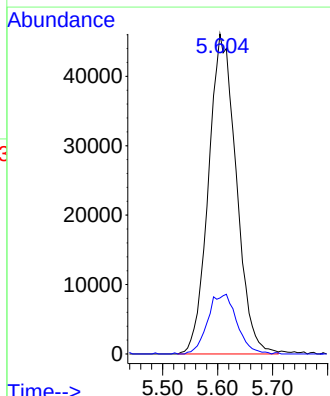
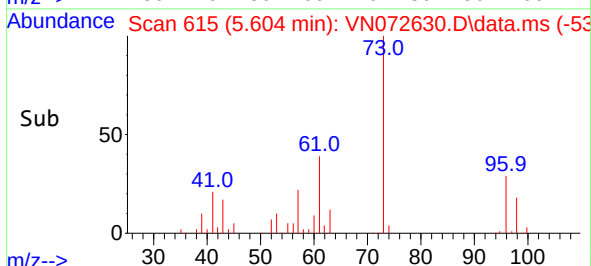
Reviewed By :John Carlone 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022

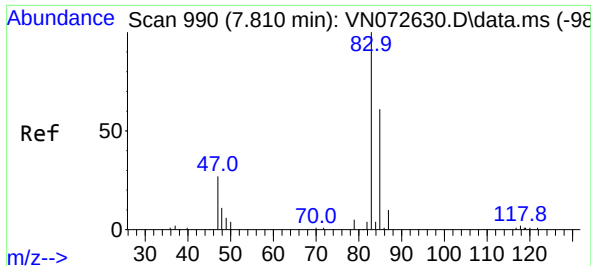


#24
Methyl tert-Butyl Ether
Concen: 20.110 ug/l
RT: 5.604 min Scan# 615
Delta R.T. 0.000 min
Lab File: VN072630.D
Acq: 26 May 2022 14:44



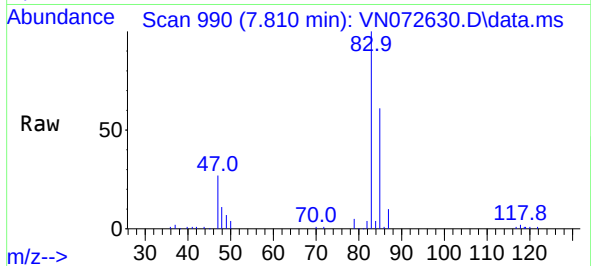
Tgt Ion: 73 Resp: 161717
Ion Ratio Lower Upper
73 100
43 7.5 18.1 27.1#





#25
Chloroform
Concen: 20.350 ug/l
RT: 7.810 min Scan# 990
Delta R.T. 0.000 min
Lab File: VN072630.D
Acq: 26 May 2022 14:44

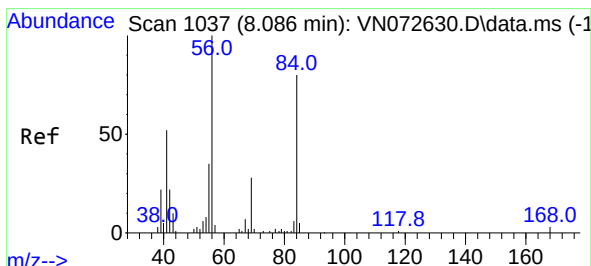
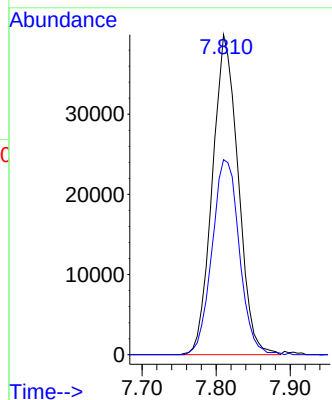
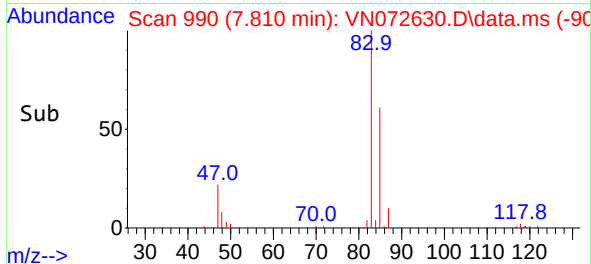
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



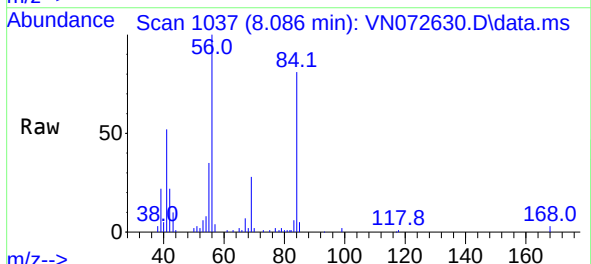
Tgt Ion: 83 Resp: 96580
Ion Ratio Lower Upper
83 100
85 61.0 51.3 76.9

Manual Integrations
APPROVED

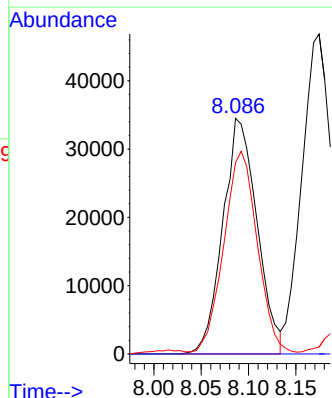
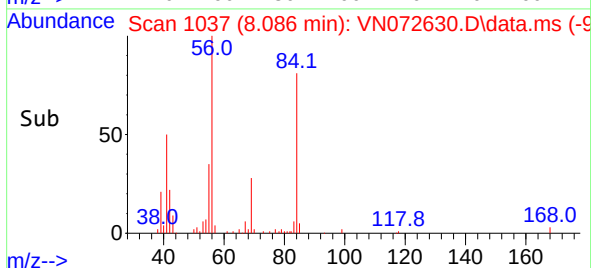
Reviewed By :John Carlone 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022

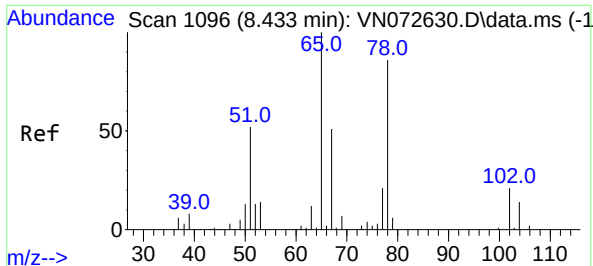


#26
Cyclohexane
Concen: 23.334 ug/l
RT: 8.086 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VN072630.D
Acq: 26 May 2022 14:44



Tgt Ion: 56 Resp: 86755
Ion Ratio Lower Upper
56 100
89 0.0 0.1 0.1#
84 84.6 74.6 111.8





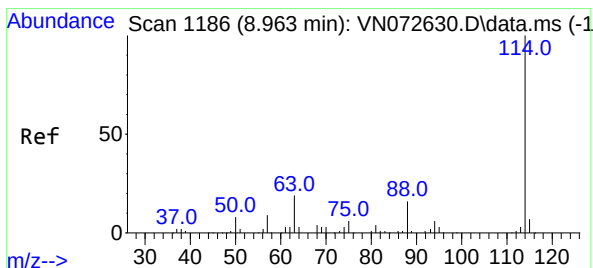
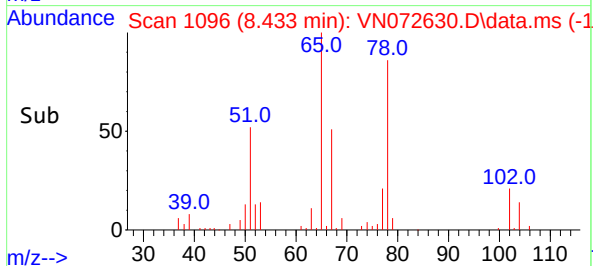
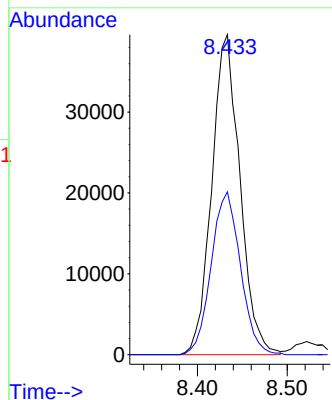
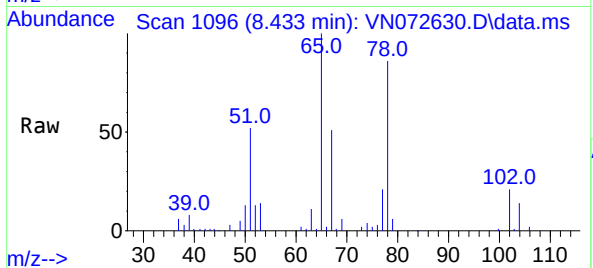
#27
1,2-Dichloroethane-d4
Concen: 26.009 ug/l
RT: 8.433 min Scan# 1096
Delta R.T. 0.000 min
Lab File: VN072630.D
Acq: 26 May 2022 14:44

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion: 65 Resp: 8634
Ion Ratio Lower Upper
65 100
67 52.8 40.2 60.2

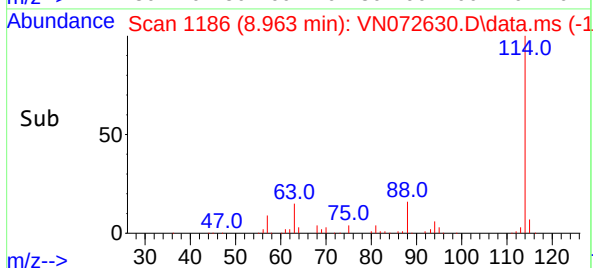
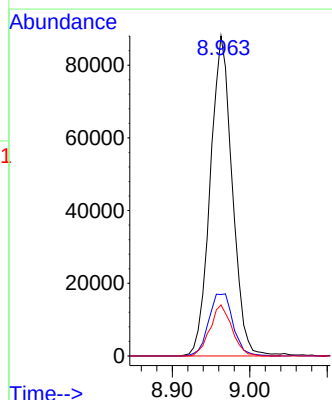
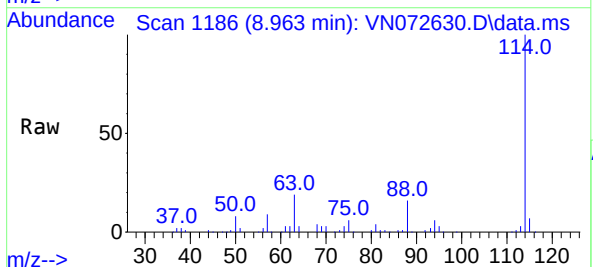
Manual Integrations
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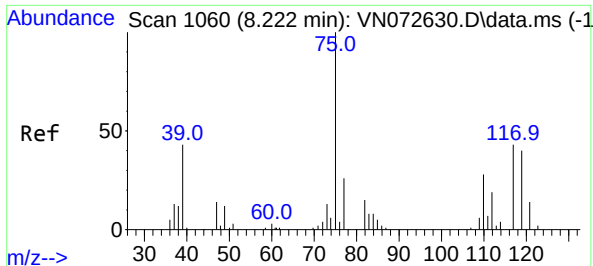
Reviewed By :John Carlone 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. 0.000 min
Lab File: VN072630.D
Acq: 26 May 2022 14:44

Tgt Ion:114 Resp: 173803
Ion Ratio Lower Upper
114 100
63 21.5 15.8 23.6
88 15.9 11.6 17.4





#29
1,1-Dichloropropene
Concen: 20.549 ug/l
RT: 8.222 min Scan# 1060
Delta R.T. 0.000 min
Lab File: VN072630.D
Acq: 26 May 2022 14:44

Instrument :

MSVOA_N

ClientSampleId :

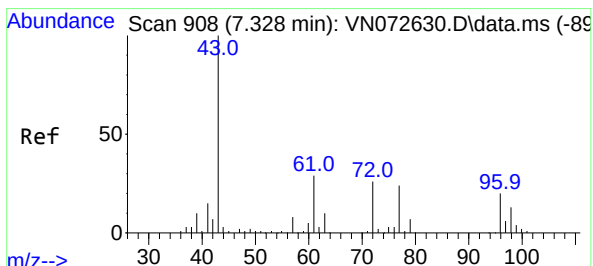
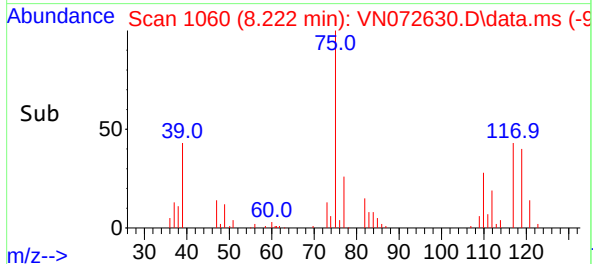
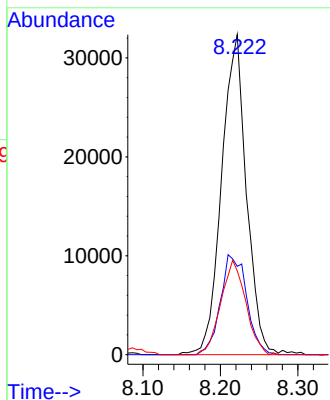
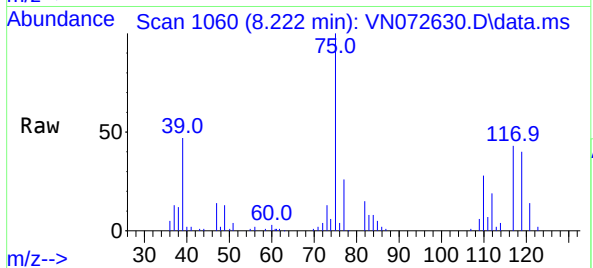
VSTDICCC020

Tgt Ion: 75 Resp: 71975
Ion Ratio Lower Upper
75 100
110 33.2 0.0 74.2
77 29.6 0.0 63.2

Manual Integrations

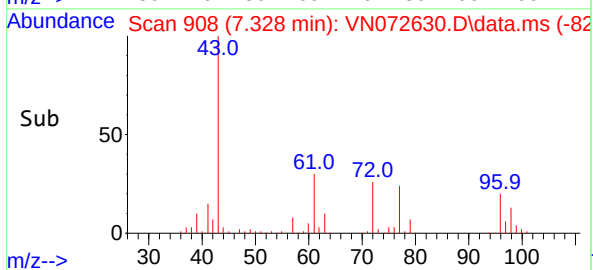
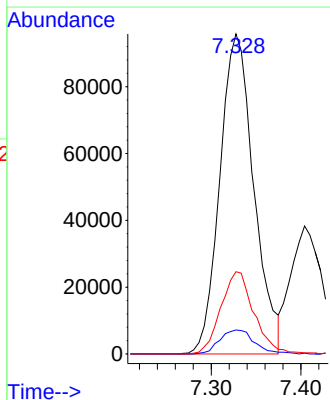
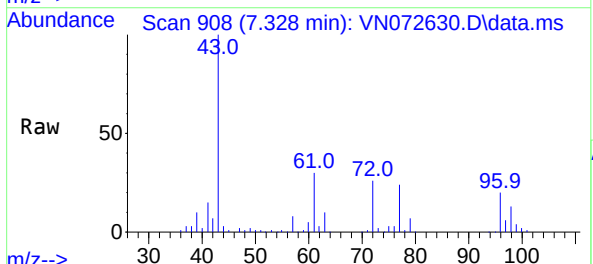
APPROVED

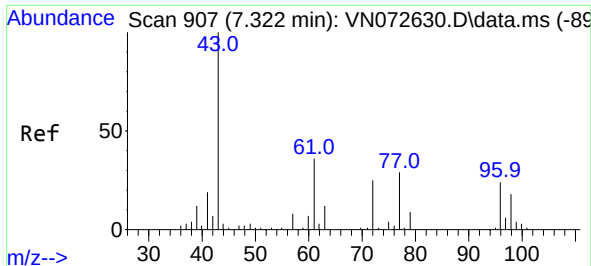
Reviewed By :John Carlone 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022



#30
2-Butanone
Concen: 119.836 ug/l
RT: 7.328 min Scan# 908
Delta R.T. 0.000 min
Lab File: VN072630.D
Acq: 26 May 2022 14:44

Tgt Ion: 43 Resp: 251995
Ion Ratio Lower Upper
43 100
57 7.7 6.7 10.1
72 25.0 23.2 34.8





#31

2,2-Dichloropropane

Concen: 17.960 ug/l

RT: 7.322 min Scan# 907

Delta R.T. 0.000 min

Lab File: VN072630.D

Acq: 26 May 2022 14:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC020

Tgt Ion: 77 Resp: 75914

Ion Ratio Lower Upper

77 100

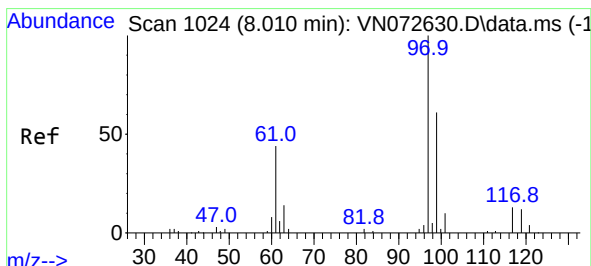
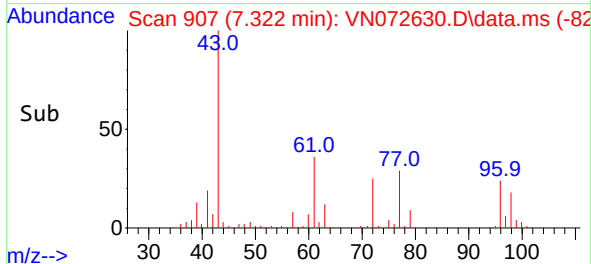
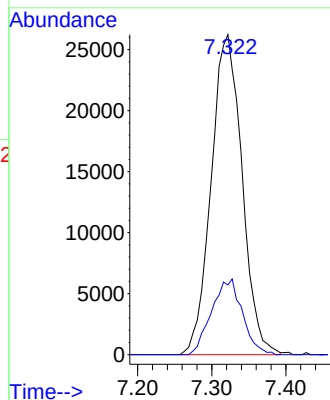
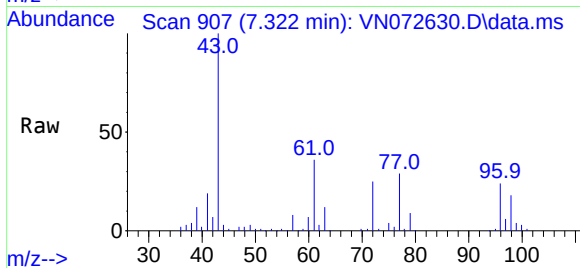
97 23.5 18.3 27.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/27/2022

Supervised By :Mahesh Dadoda 05/27/2022



#32

1,1,1-Trichloroethane

Concen: 17.003 ug/l

RT: 8.010 min Scan# 1024

Delta R.T. 0.000 min

Lab File: VN072630.D

Acq: 26 May 2022 14:44

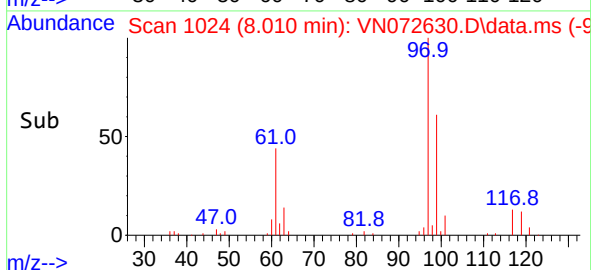
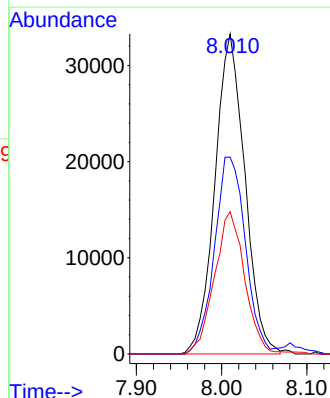
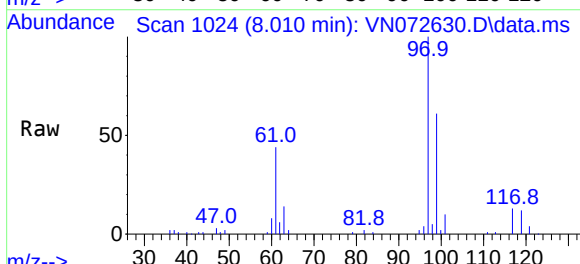
Tgt Ion: 97 Resp: 81177

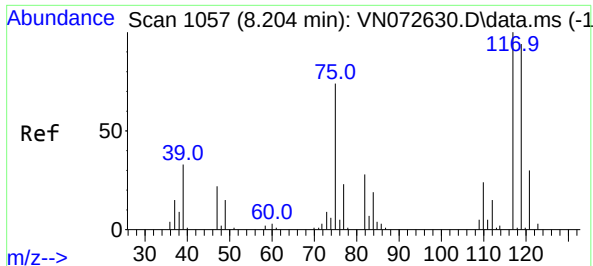
Ion Ratio Lower Upper

97 100

99 63.6 50.4 75.6

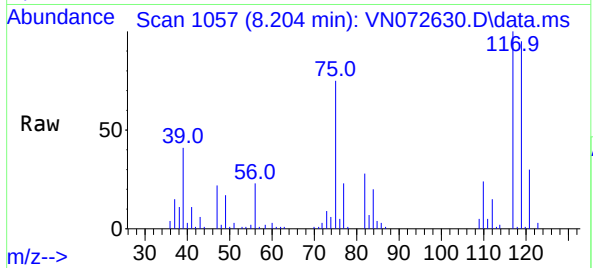
61 45.2 34.6 51.8





#33
Carbon Tetrachloride
Concen: 16.885 ug/l
RT: 8.204 min Scan# 1100
Delta R.T. 0.000 min
Lab File: VN072630.D
Acq: 26 May 2022 14:44

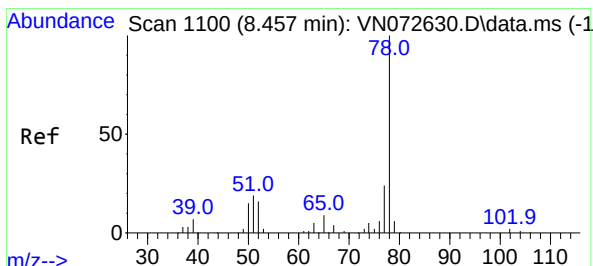
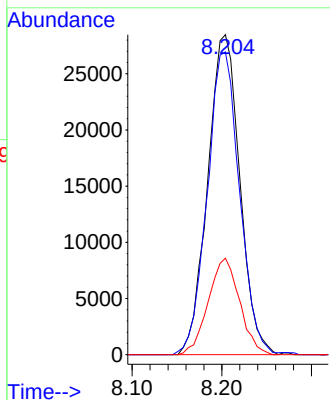
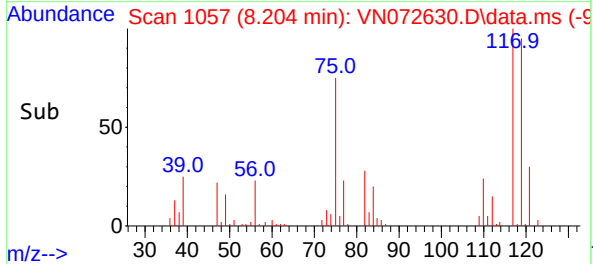
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



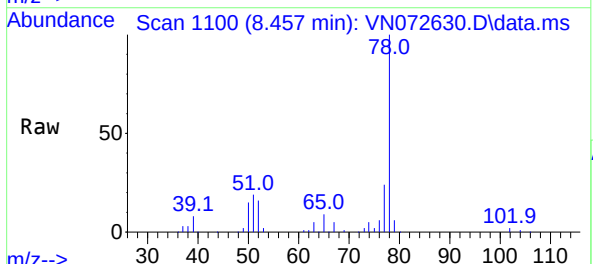
Tgt Ion:117 Resp: 7082
Ion Ratio Lower Upper
117 100
119 94.0 77.5 116.3
121 30.2 23.5 35.3

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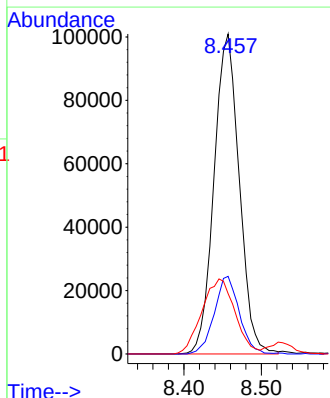
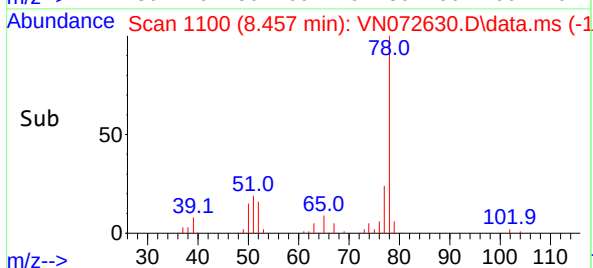
Reviewed By :John Carlone 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022

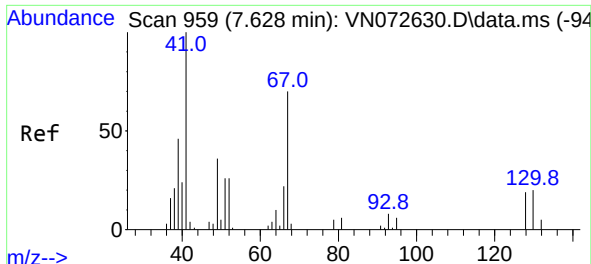


#34
Benzene
Concen: 22.511 ug/l
RT: 8.457 min Scan# 1100
Delta R.T. 0.000 min
Lab File: VN072630.D
Acq: 26 May 2022 14:44



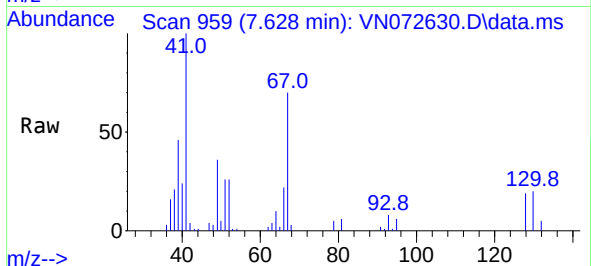
Tgt Ion: 78 Resp: 228138
Ion Ratio Lower Upper
78 100
77 24.3 19.1 28.7
51 18.5 16.0 24.0





#35
Methacrylonitrile
Concen: 21.008 ug/l
RT: 7.628 min Scan# 911
Delta R.T. 0.000 min
Lab File: VN072630.D
Acq: 26 May 2022 14:44

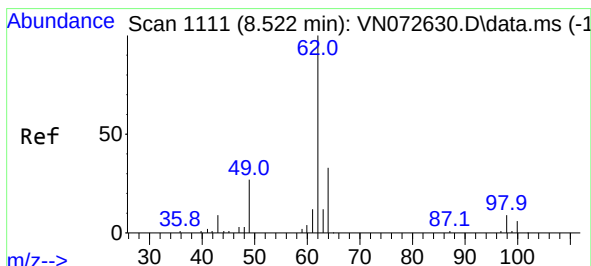
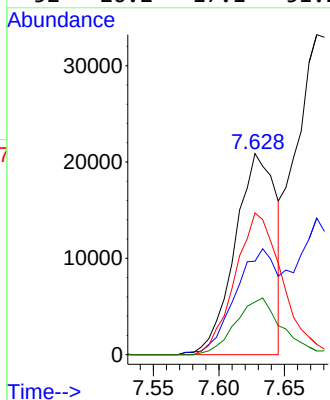
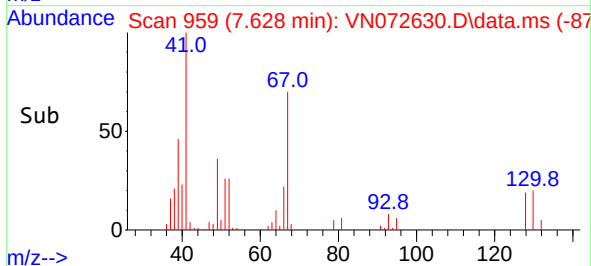
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



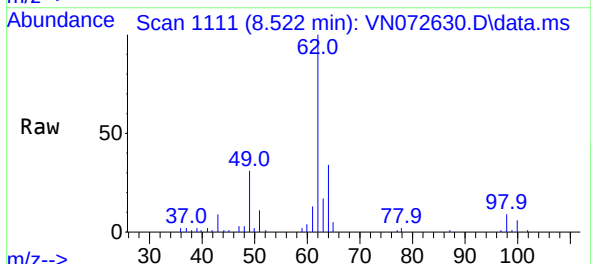
Tgt Ion: 41 Resp: 45504
Ion Ratio Lower Upper
41 100
39 46.4 28.0 83.9
67 70.5 37.7 113.1
52 26.2 17.1 51.2

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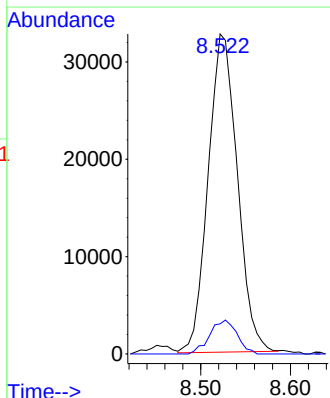
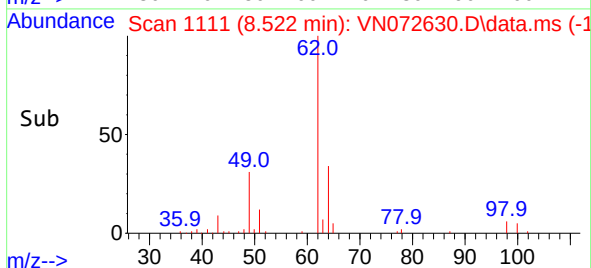
Reviewed By :John Carlone 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022

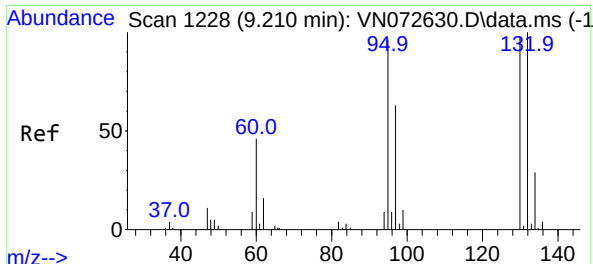


#36
1,2-Dichloroethane
Concen: 16.840 ug/l
RT: 8.522 min Scan# 1111
Delta R.T. 0.000 min
Lab File: VN072630.D
Acq: 26 May 2022 14:44



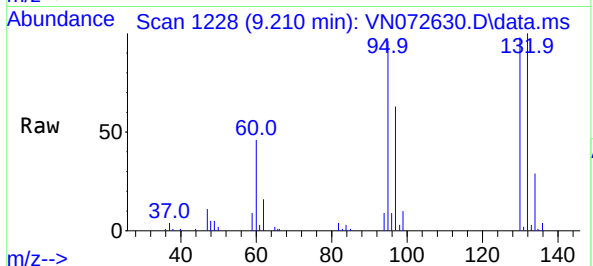
Tgt Ion: 62 Resp: 73843
Ion Ratio Lower Upper
62 100
98 10.0 6.6 10.0#





#37
Trichloroethene
Concen: 19.985 ug/l
RT: 9.210 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VN072630.D
Acq: 26 May 2022 14:44

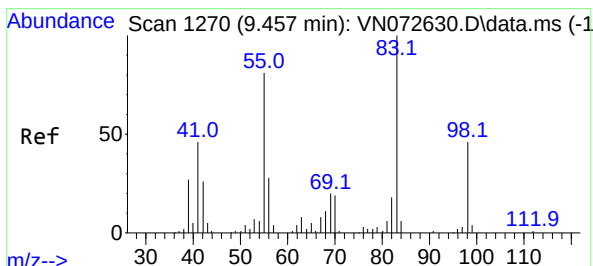
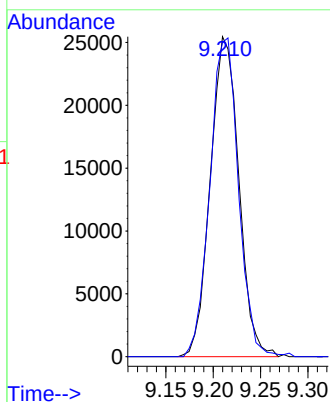
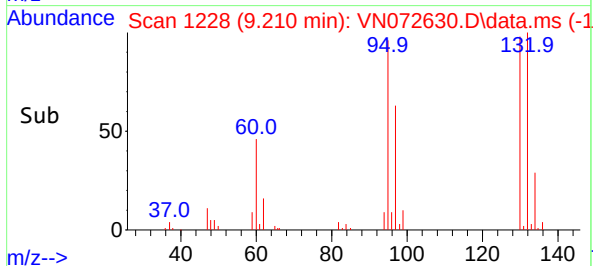
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



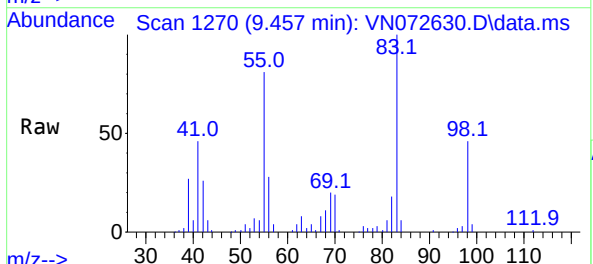
Tgt Ion:130 Resp: 53338
Ion Ratio Lower Upper
130 100
95 98.2 76.6 115.0

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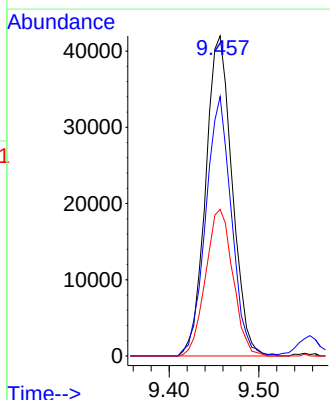
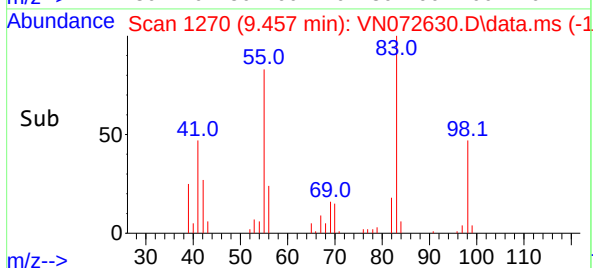
Reviewed By :John Carlone 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022

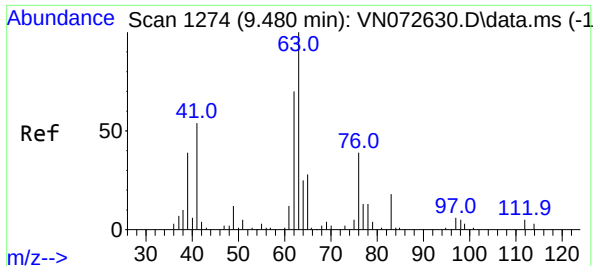


#38
Methylcyclohexane
Concen: 21.162 ug/l
RT: 9.457 min Scan# 1270
Delta R.T. 0.000 min
Lab File: VN072630.D
Acq: 26 May 2022 14:44



Tgt Ion: 83 Resp: 86162
Ion Ratio Lower Upper
83 100
55 78.7 35.1 105.3
98 47.1 23.4 70.2





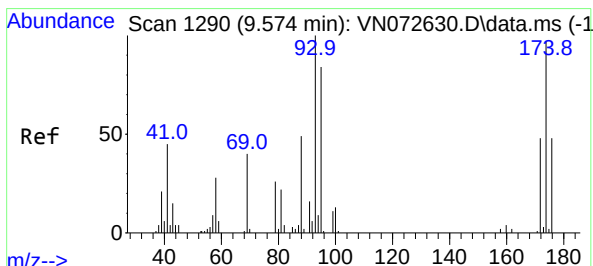
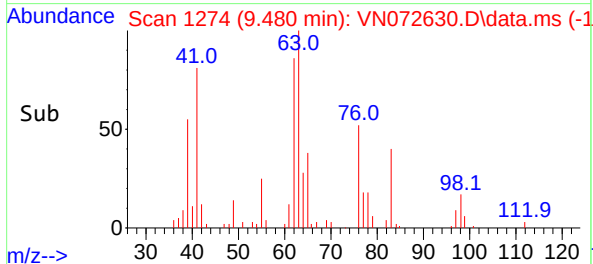
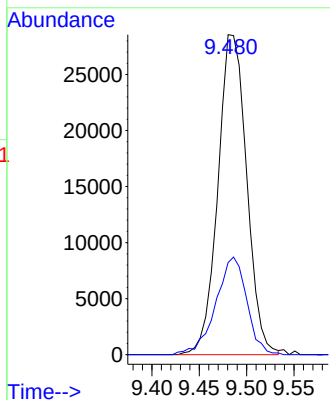
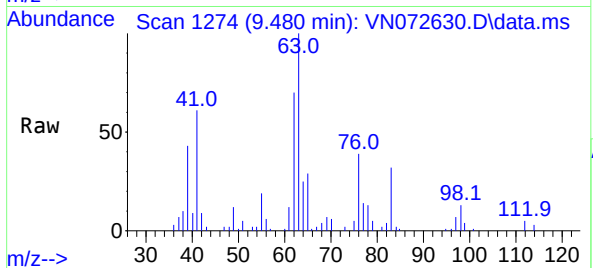
#39
1,2-Dichloropropane
Concen: 23.502 ug/l
RT: 9.480 min Scan# 1274
Delta R.T. 0.000 min
Lab File: VN072630.D
Acq: 26 May 2022 14:44

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion: 63 Resp: 60514
Ion Ratio Lower Upper
63 100
65 28.3 24.2 36.4

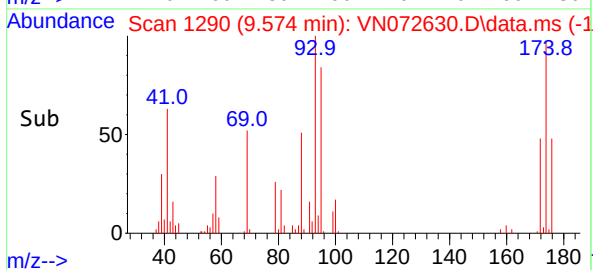
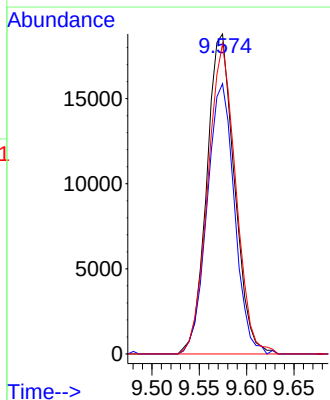
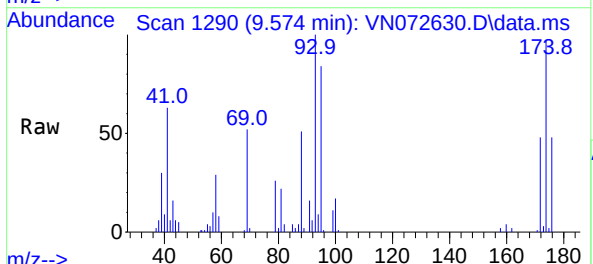
Manual Integrations
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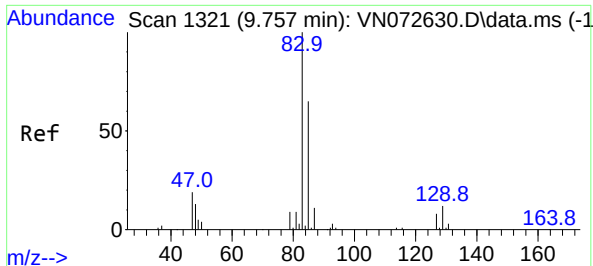
Reviewed By :John Carlone 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022



#40
Dibromomethane
Concen: 20.056 ug/l
RT: 9.574 min Scan# 1290
Delta R.T. 0.000 min
Lab File: VN072630.D
Acq: 26 May 2022 14:44

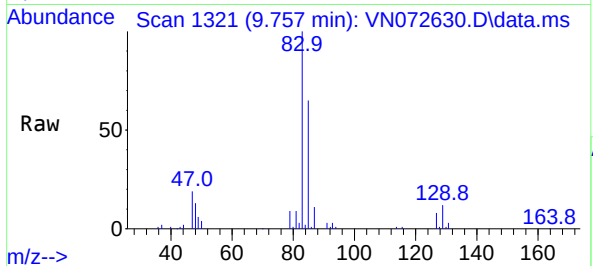
Tgt Ion: 93 Resp: 38226
Ion Ratio Lower Upper
93 100
95 83.5 0.0 168.8
174 97.7 0.0 173.6





#41
Bromodichloromethane
Concen: 18.957 ug/l
RT: 9.757 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN072630.D
Acq: 26 May 2022 14:44

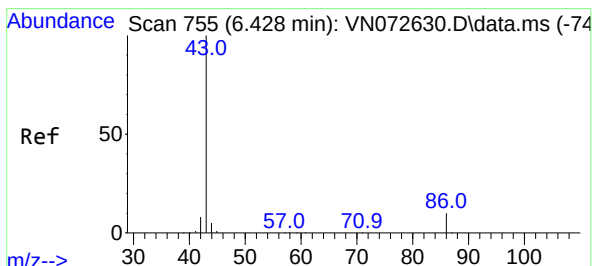
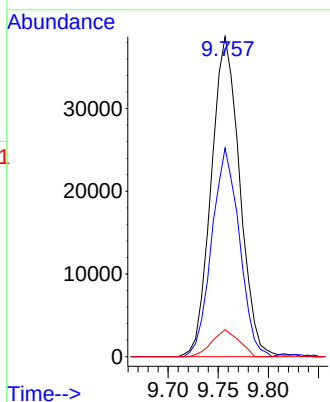
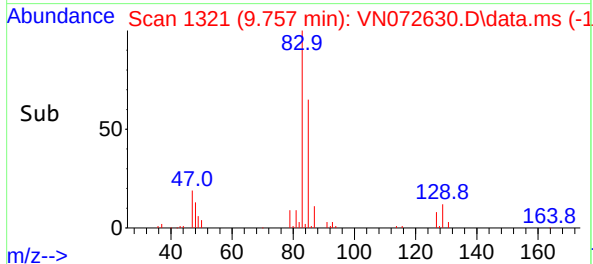
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



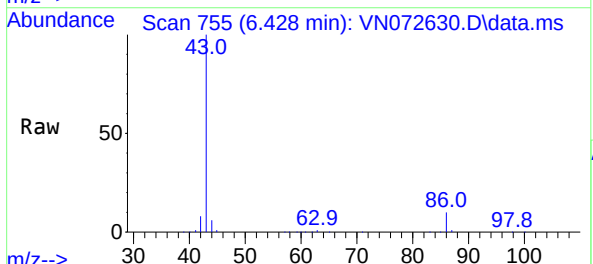
Tgt Ion: 83 Resp: 76154
Ion Ratio Lower Upper
83 100
85 65.2 54.1 81.1
127 8.5 7.6 11.4

Manual Integrations
APPROVED

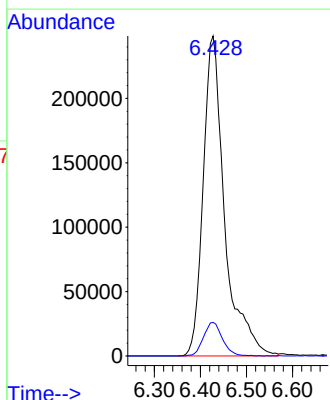
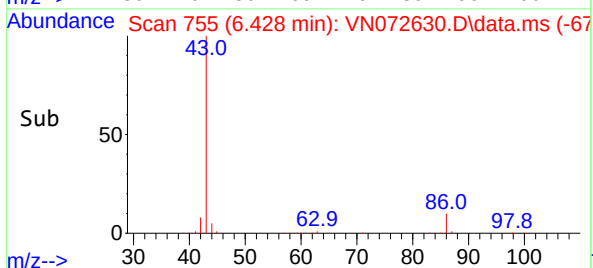
Reviewed By :John Carlone 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022

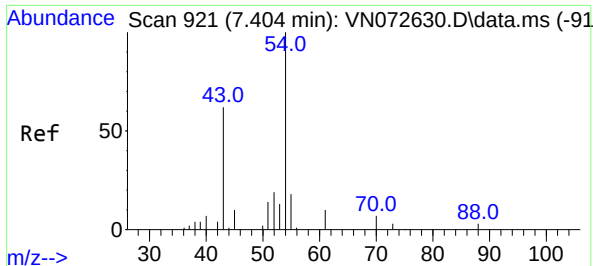


#42
Vinyl Acetate
Concen: 115.334 ug/l
RT: 6.428 min Scan# 755
Delta R.T. 0.000 min
Lab File: VN072630.D
Acq: 26 May 2022 14:44



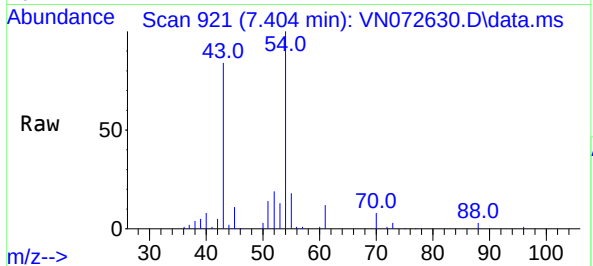
Tgt Ion: 43 Resp: 806300
Ion Ratio Lower Upper
43 100
86 9.3 7.5 11.3





#43
Ethyl Acetate
Concen: 22.586 ug/l
RT: 7.404 min Scan# 911
Delta R.T. 0.000 min
Lab File: VN072630.D
Acq: 26 May 2022 14:44

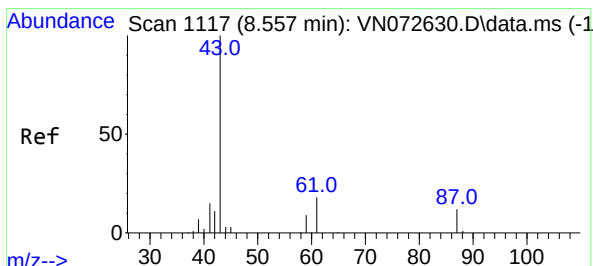
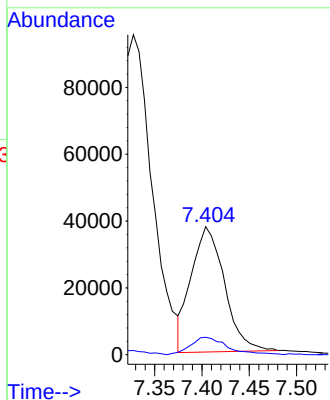
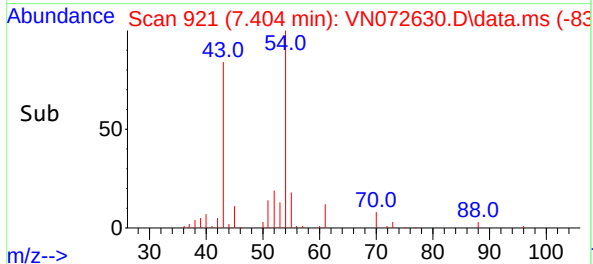
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



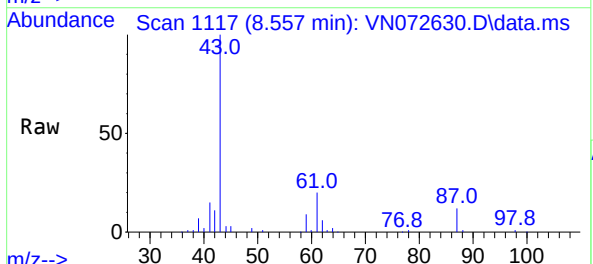
Tgt Ion: 43 Resp: 92108
Ion Ratio Lower Upper
43 100
45 15.2 10.6 16.0

Manual Integrations
APPROVED

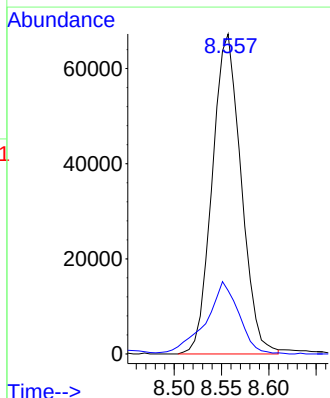
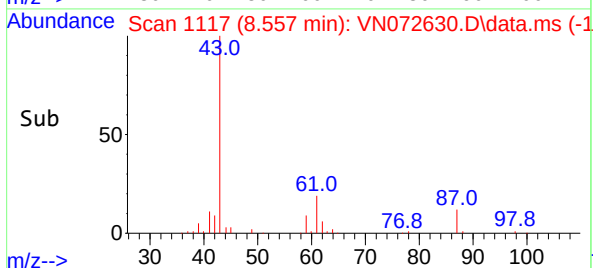
Reviewed By :John Carlone 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022

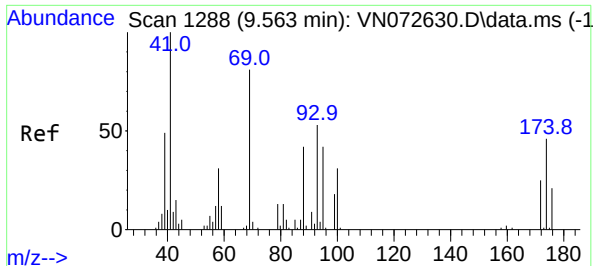


#44
Isopropyl Acetate
Concen: 22.145 ug/l
RT: 8.557 min Scan# 1117
Delta R.T. 0.000 min
Lab File: VN072630.D
Acq: 26 May 2022 14:44



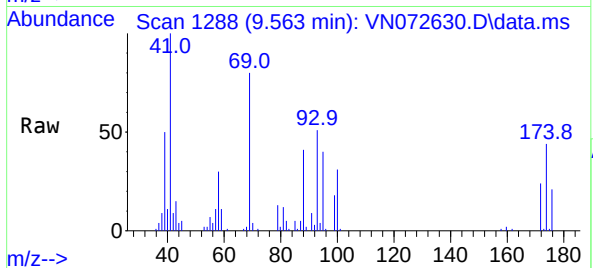
Tgt Ion: 43 Resp: 142836
Ion Ratio Lower Upper
43 100
61 25.9 20.1 30.1





#45
1,4-Dioxane
Concen: 409.216 ug/l
RT: 9.563 min Scan# 1288
Delta R.T. 0.000 min
Lab File: VN072630.D
Acq: 26 May 2022 14:44

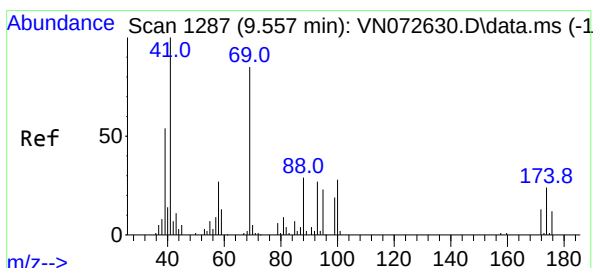
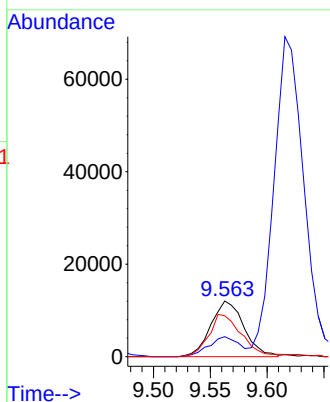
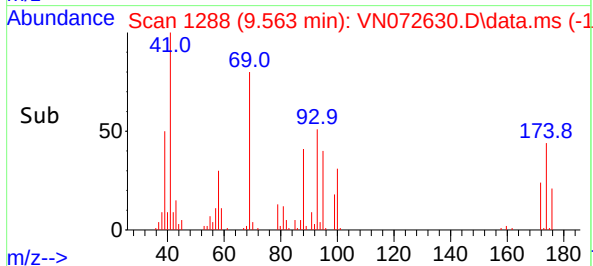
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



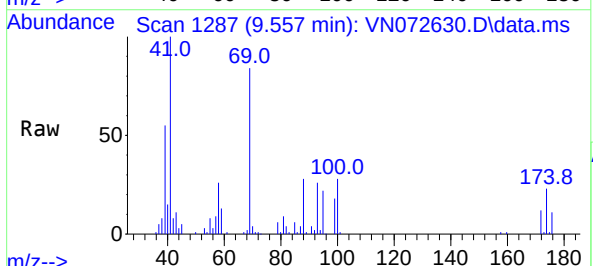
Tgt Ion: 88 Resp: 2443
Ion Ratio Lower Upper
88 100
43 32.7 25.0 37.6
58 76.0 49.4 74.2

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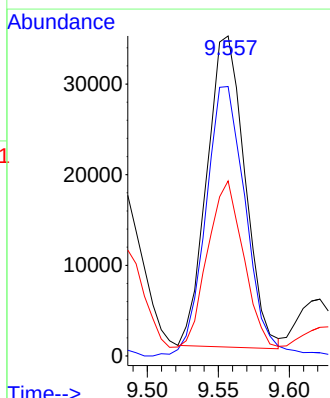
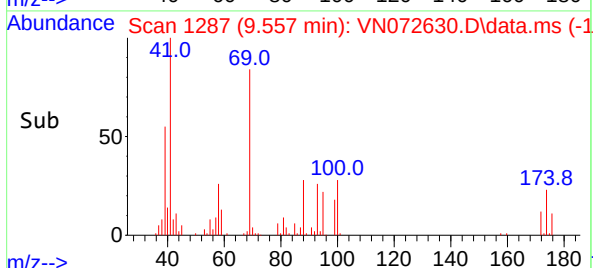
Reviewed By :John Carlone 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022

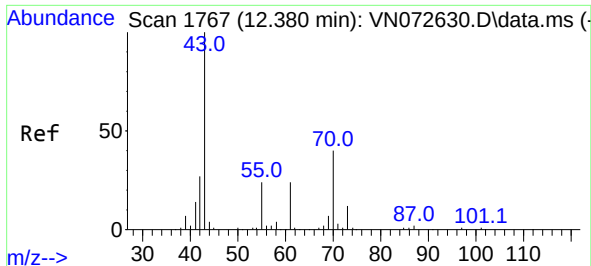


#46
Methyl methacrylate
Concen: 20.843 ug/l
RT: 9.557 min Scan# 1287
Delta R.T. 0.000 min
Lab File: VN072630.D
Acq: 26 May 2022 14:44



Tgt Ion: 41 Resp: 63716
Ion Ratio Lower Upper
41 100
69 85.0 44.4 133.2
39 53.6 39.9 119.6





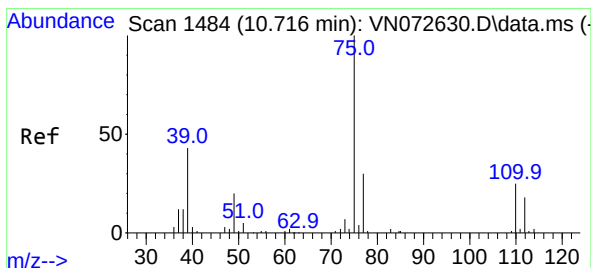
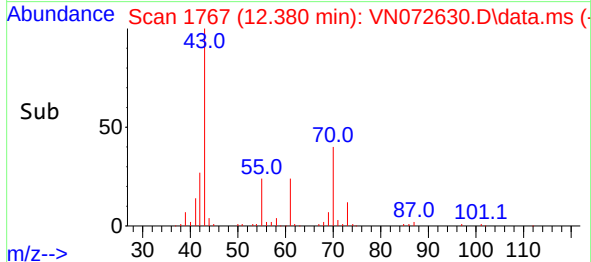
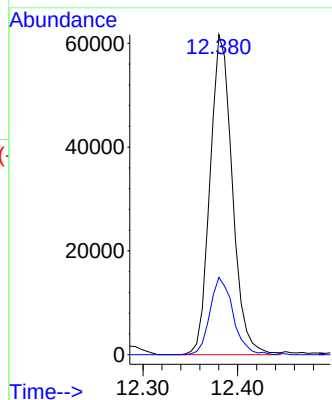
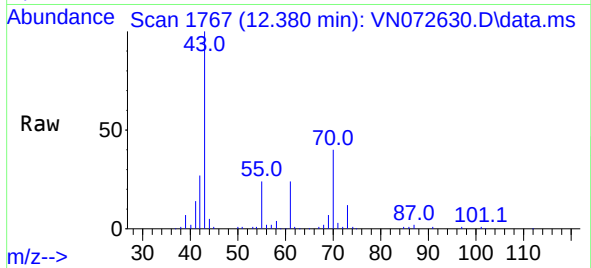
#47
n-amyl acetate
Concen: 22.819 ug/l
RT: 12.380 min Scan# 1767
Delta R.T. 0.000 min
Lab File: VN072630.D
Acq: 26 May 2022 14:44

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion: 43 Resp: 101020
Ion Ratio Lower Upper
43 100
55 25.0 19.0 28.6

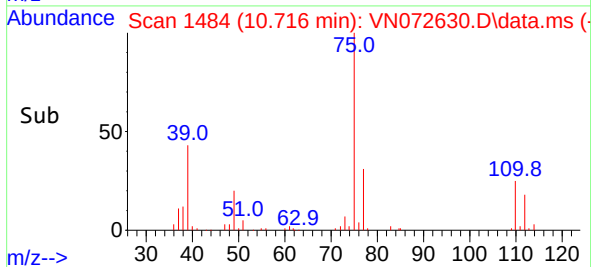
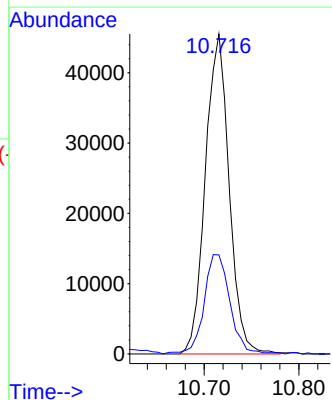
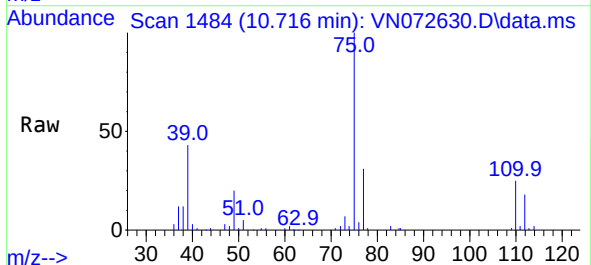
Manual Integrations
APPROVED

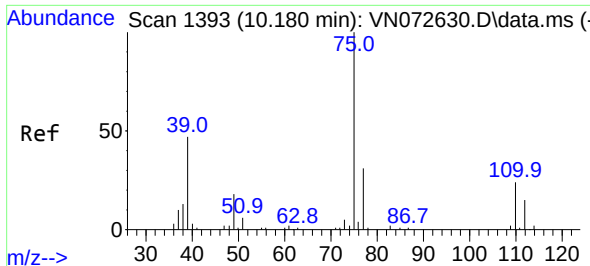
Reviewed By :John Carlone 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022



#48
t-1,3-Dichloropropene
Concen: 18.679 ug/l
RT: 10.716 min Scan# 1484
Delta R.T. 0.000 min
Lab File: VN072630.D
Acq: 26 May 2022 14:44

Tgt Ion: 75 Resp: 79537
Ion Ratio Lower Upper
75 100
77 30.6 25.3 37.9





#49
 cis-1,3-Dichloropropene
 Concen: 20.798 ug/l
 RT: 10.180 min Scan# 1393
 Delta R.T. 0.000 min
 Lab File: VN072630.D
 Acq: 26 May 2022 14:44

Instrument :

MSVOA_N

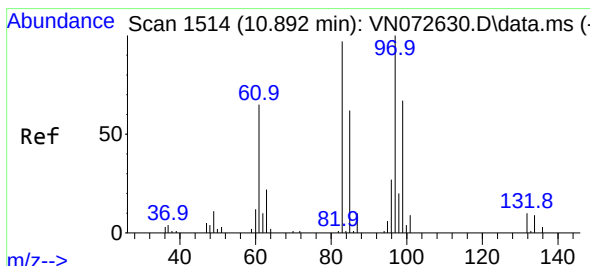
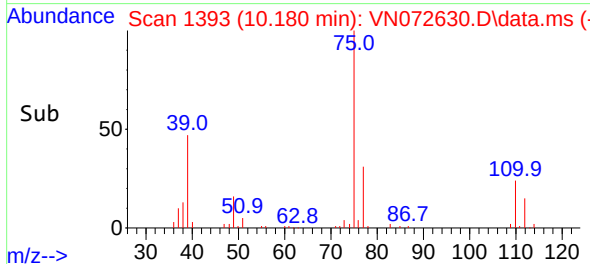
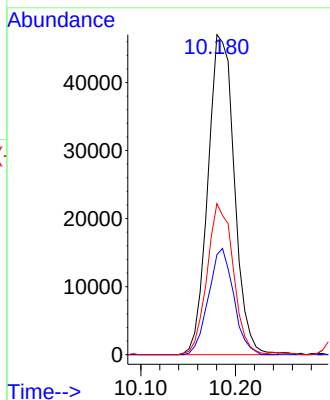
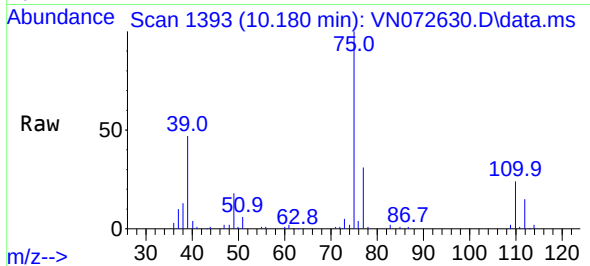
ClientSampleId :

VSTDICCC020

Tgt Ion: 75 Resp: 9096
 Ion Ratio Lower Upper
 75 100
 77 31.3 25.3 37.9
 39 47.2 46.2 69.4

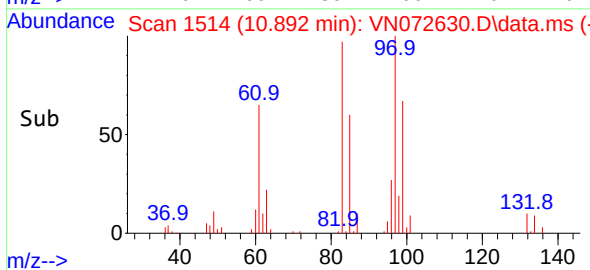
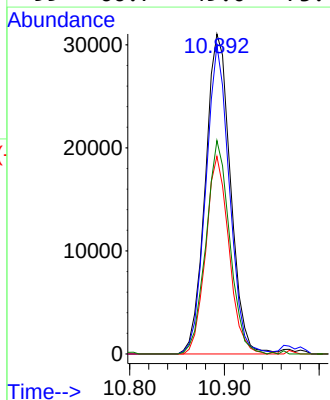
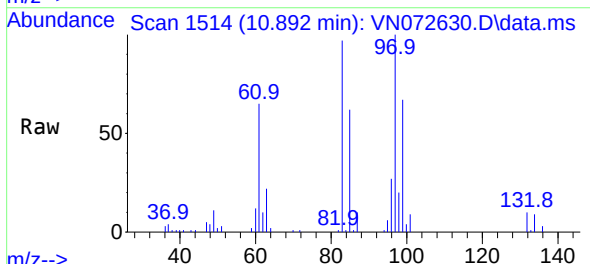
Manual Integrations
 APPROVED

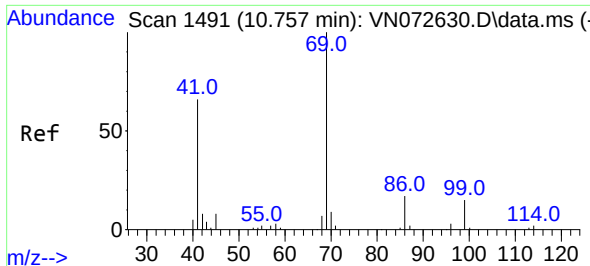
Reviewed By :John Carlone 05/27/2022
 Supervised By :Mahesh Dadoda 05/27/2022



#50
 1,1,2-Trichloroethane
 Concen: 21.239 ug/l
 RT: 10.892 min Scan# 1514
 Delta R.T. 0.000 min
 Lab File: VN072630.D
 Acq: 26 May 2022 14:44

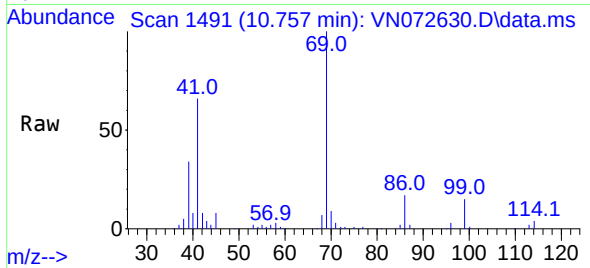
Tgt Ion: 97 Resp: 57119
 Ion Ratio Lower Upper
 97 100
 83 96.5 67.2 100.8
 85 61.7 43.0 64.4
 99 66.7 49.0 73.4





#51
Ethyl methacrylate
Concen: 21.902 ug/l
RT: 10.757 min Scan# 1491
Delta R.T. 0.000 min
Lab File: VN072630.D
Acq: 26 May 2022 14:44

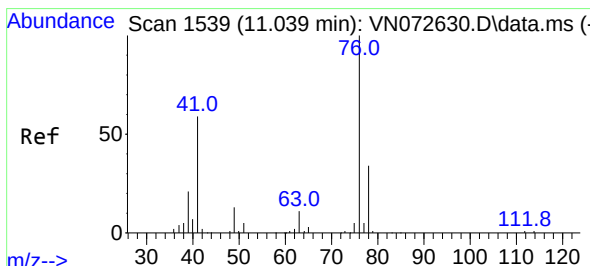
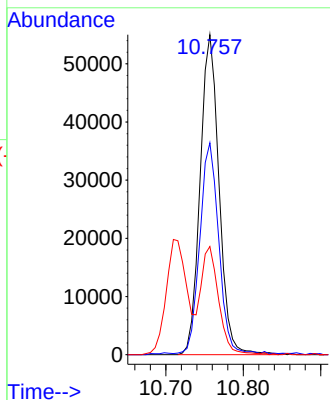
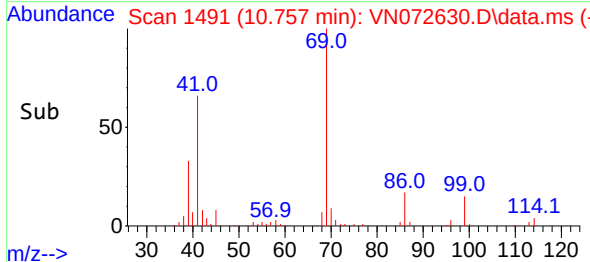
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



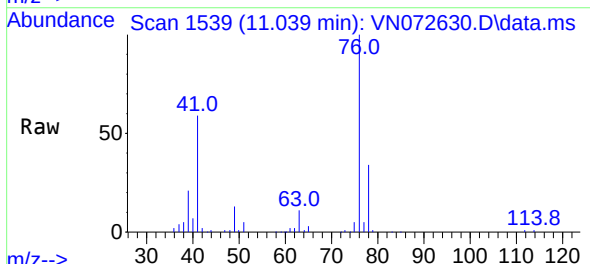
Tgt Ion: 69 Resp: 93230
Ion Ratio Lower Upper
69 100
41 65.8 33.0 98.9
39 33.8 25.4 76.4

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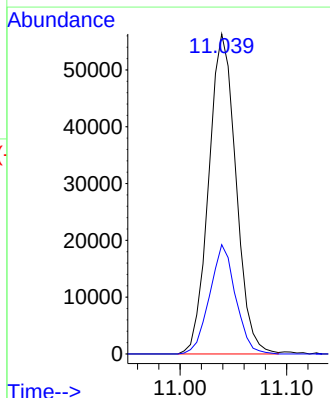
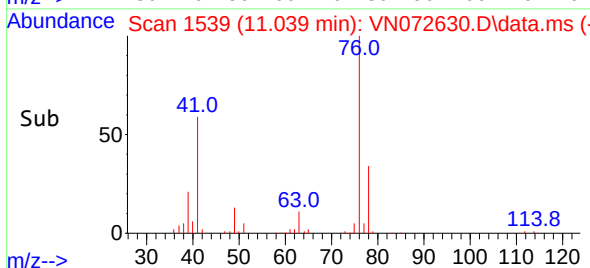
Reviewed By :John Carlone 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022

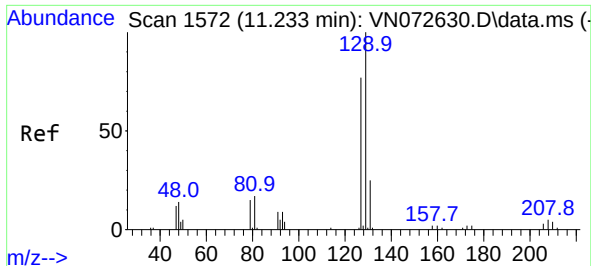


#52
1,3-Dichloropropane
Concen: 21.500 ug/l
RT: 11.039 min Scan# 1539
Delta R.T. 0.000 min
Lab File: VN072630.D
Acq: 26 May 2022 14:44



Tgt Ion: 76 Resp: 100050
Ion Ratio Lower Upper
76 100
78 32.6 0.0 65.4





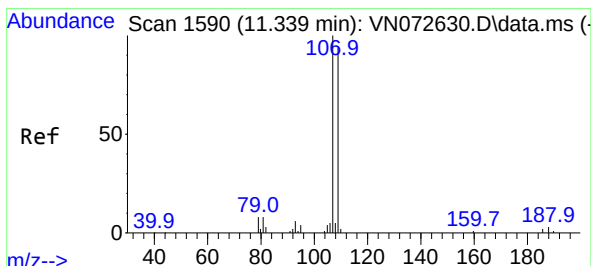
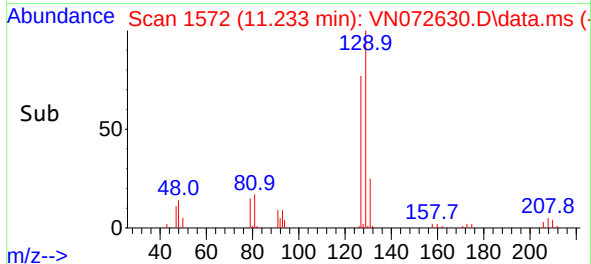
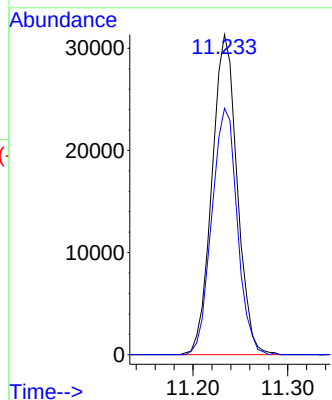
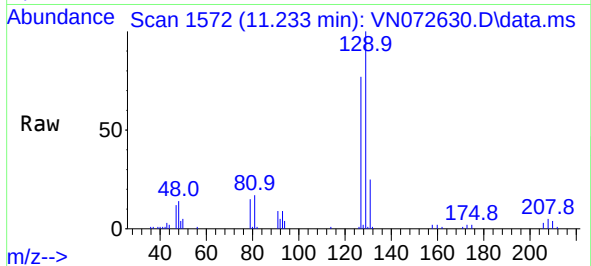
#53
Dibromochloromethane
Concen: 18.552 ug/l
RT: 11.233 min Scan# 1572
Delta R.T. 0.000 min
Lab File: VN072630.D
Acq: 26 May 2022 14:44

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion:129 Resp: 57925
Ion Ratio Lower Upper
129 100
127 77.8 39.0 117.0

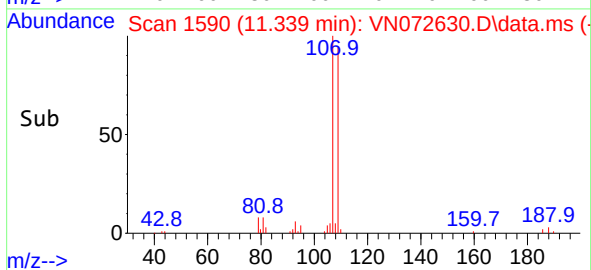
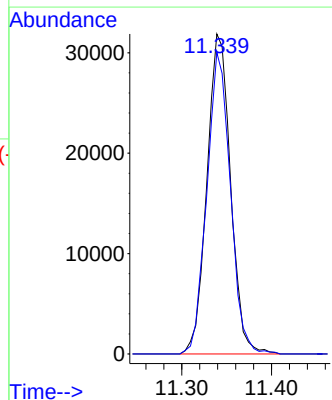
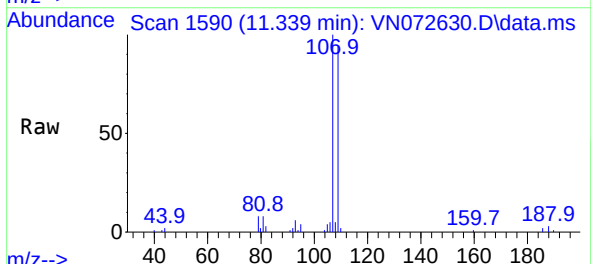
Manual Integrations
APPROVED

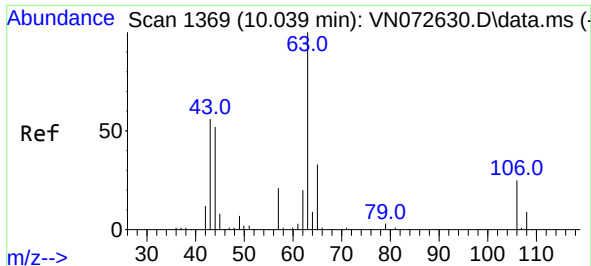
Reviewed By :John Carlone 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022



#54
1,2-Dibromoethane
Concen: 20.484 ug/l
RT: 11.339 min Scan# 1590
Delta R.T. 0.000 min
Lab File: VN072630.D
Acq: 26 May 2022 14:44

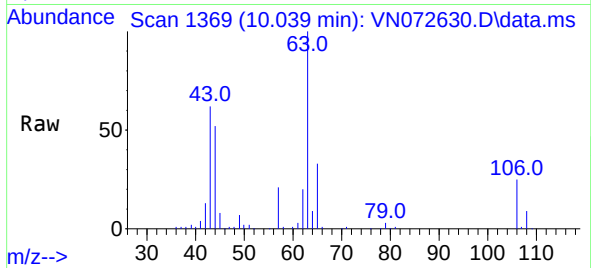
Tgt Ion:107 Resp: 58363
Ion Ratio Lower Upper
107 100
109 94.0 72.8 109.2





#55
2-Chloroethyl vinyl ether
Concen: 151.183 ug/l
RT: 10.039 min Scan# 1369
Delta R.T. 0.000 min
Lab File: VN072630.D
Acq: 26 May 2022 14:44

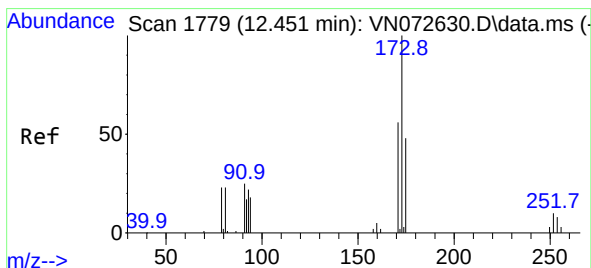
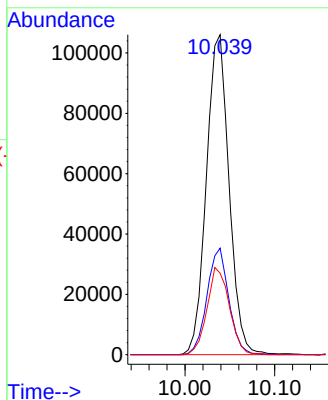
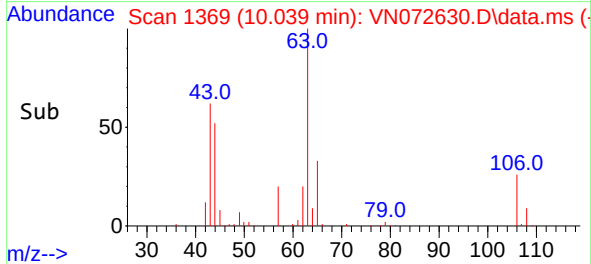
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



Tgt Ion: 63 Resp: 18628
Ion Ratio Lower Upper
63 100
65 32.0 25.4 38.0
106 26.8 23.2 34.8

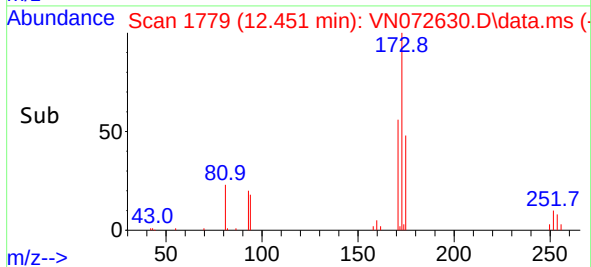
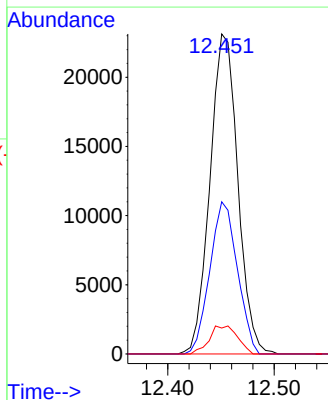
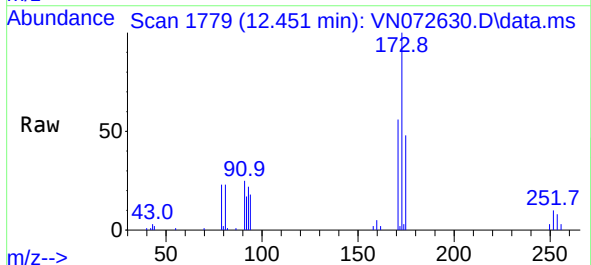
Manual Integrations
APPROVED

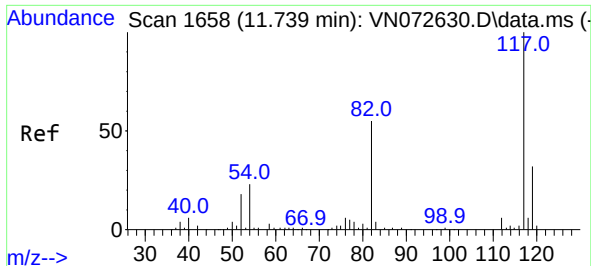
Reviewed By :John Carlone 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022



#56
Bromoform
Concen: 17.716 ug/l
RT: 12.451 min Scan# 1779
Delta R.T. 0.000 min
Lab File: VN072630.D
Acq: 26 May 2022 14:44

Tgt Ion:173 Resp: 42017
Ion Ratio Lower Upper
173 100
175 47.0 38.6 58.0
254 8.9 0.0 0.0#





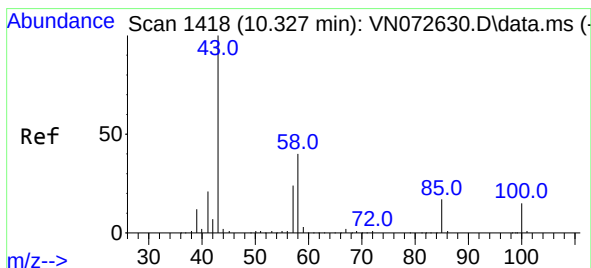
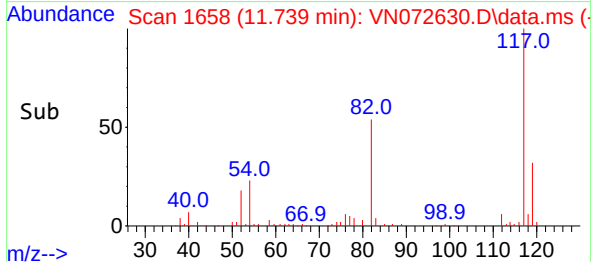
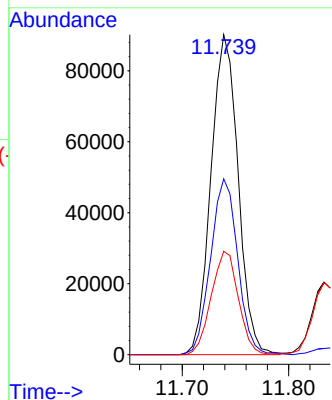
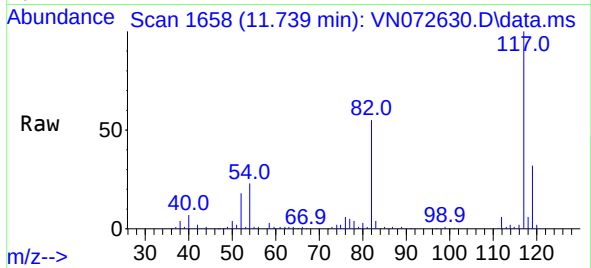
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.739 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN072630.D
Acq: 26 May 2022 14:44

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion:117 Resp: 159600
Ion Ratio Lower Upper
117 100
82 54.7 43.6 65.4
119 32.3 25.8 38.6

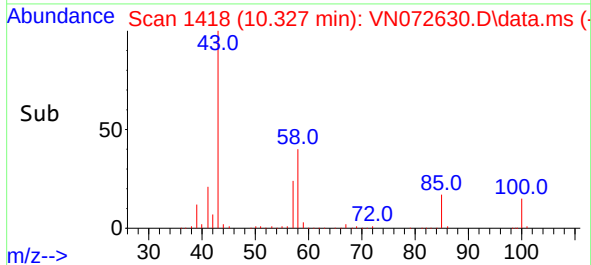
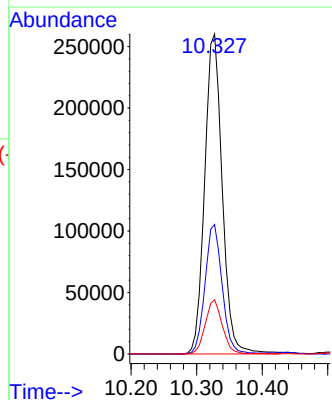
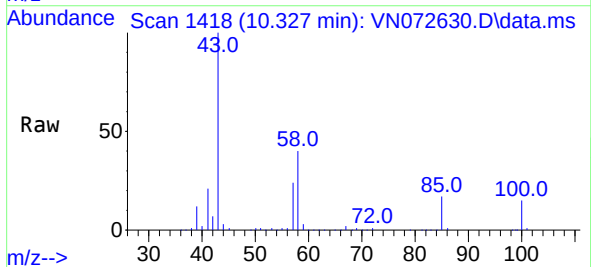
Manual Integrations
APPROVED

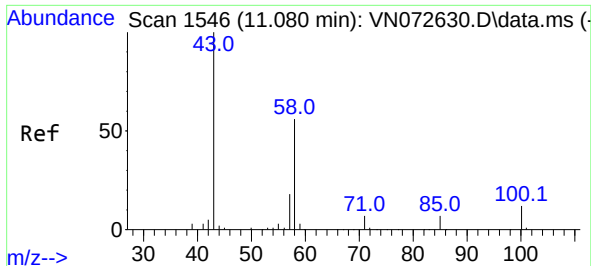
Reviewed By :John Carlone 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022



#58
4-Methyl-2-Pentanone
Concen: 122.641 ug/l
RT: 10.327 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VN072630.D
Acq: 26 May 2022 14:44

Tgt Ion: 43 Resp: 486434
Ion Ratio Lower Upper
43 100
58 39.4 30.0 45.0
85 16.4 15.0 22.6





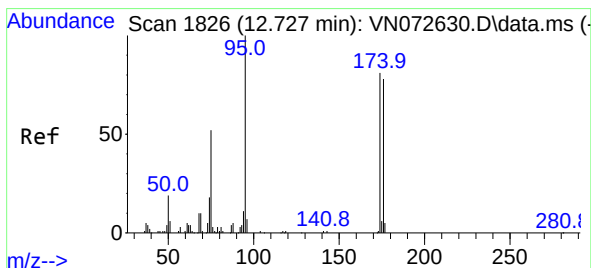
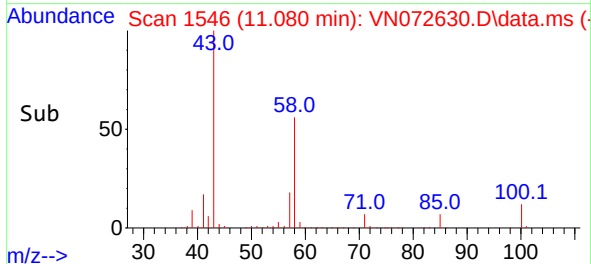
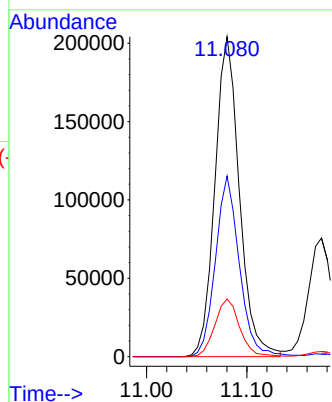
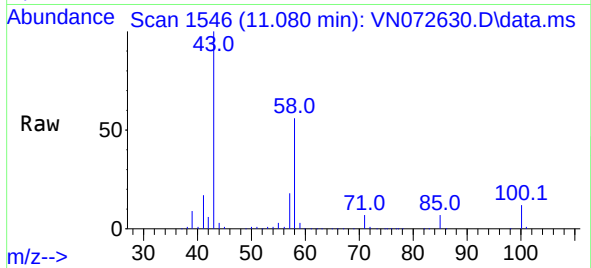
#59
2-Hexanone
Concen: 119.744 ug/l
RT: 11.080 min Scan# 1154
Delta R.T. 0.000 min
Lab File: VN072630.D
Acq: 26 May 2022 14:44

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion: 43 Resp: 34660
Ion Ratio Lower Upper
43 100
58 55.3 42.2 63.2
57 18.3 15.0 22.4

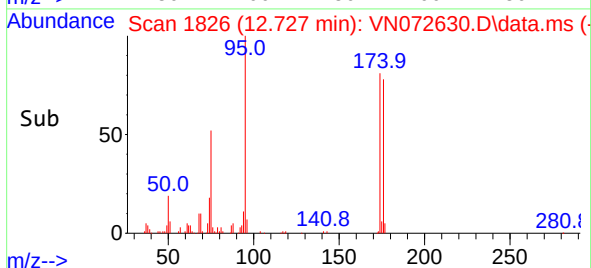
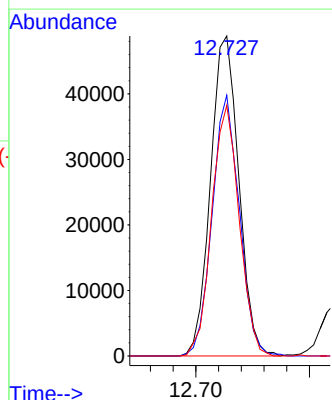
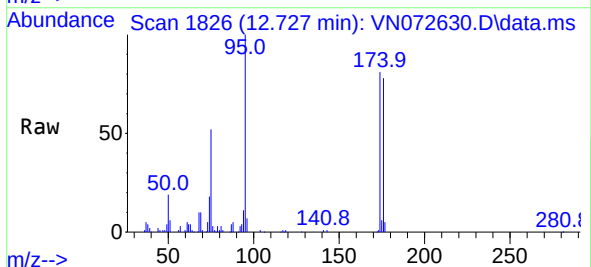
Manual Integrations
APPROVED

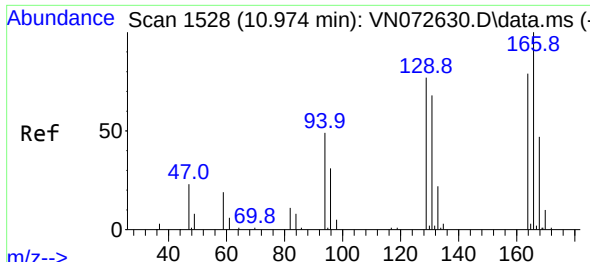
Reviewed By :John Carlone 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022



#60
4-Bromofluorobenzene
Concen: 27.516 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN072630.D
Acq: 26 May 2022 14:44

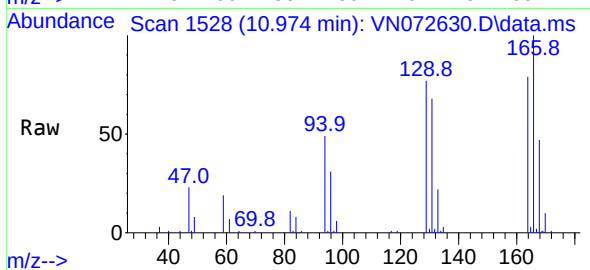
Tgt Ion: 95 Resp: 84464
Ion Ratio Lower Upper
95 100
174 78.2 62.9 94.3
176 76.1 61.0 91.4





#61
Tetrachloroethene
Concen: 19.743 ug/l
RT: 10.974 min Scan# 1528
Delta R.T. 0.000 min
Lab File: VN072630.D
Acq: 26 May 2022 14:44

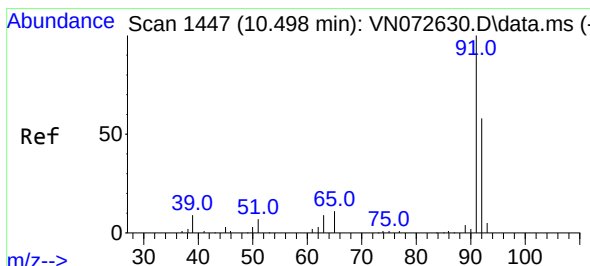
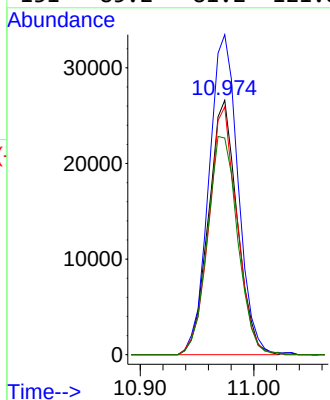
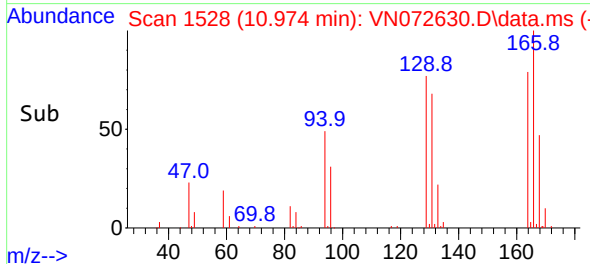
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



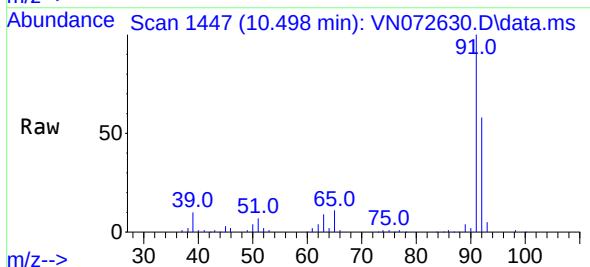
Tgt Ion:164 Resp: 46652
Ion Ratio Lower Upper
164 100
166 125.8 105.8 158.8
129 97.4 82.5 123.7
131 85.2 81.2 121.8

Manual Integrations
APPROVED

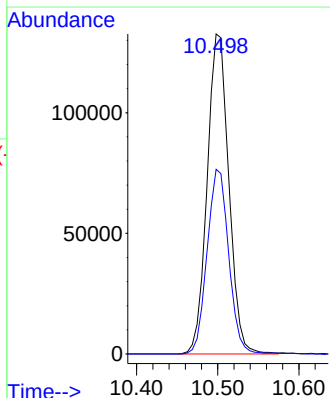
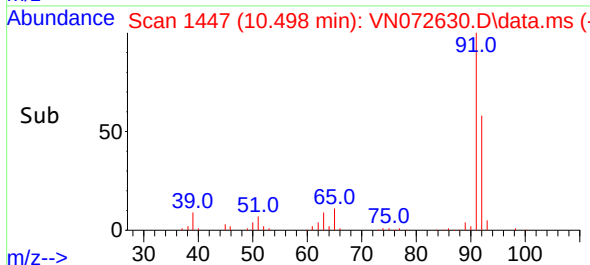
Reviewed By :John Carlone 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022

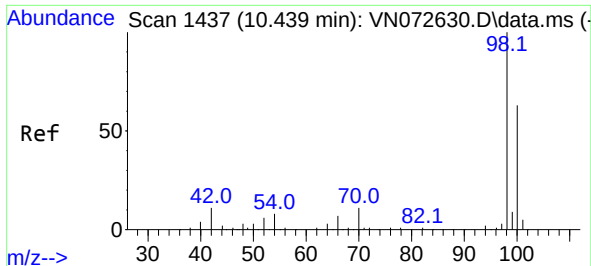


#62
Toluene
Concen: 22.228 ug/l
RT: 10.498 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VN072630.D
Acq: 26 May 2022 14:44



Tgt Ion: 91 Resp: 245879
Ion Ratio Lower Upper
91 100
92 57.4 44.6 67.0





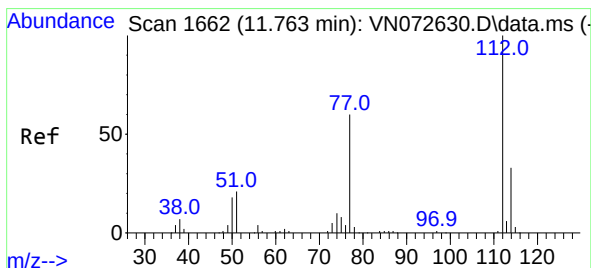
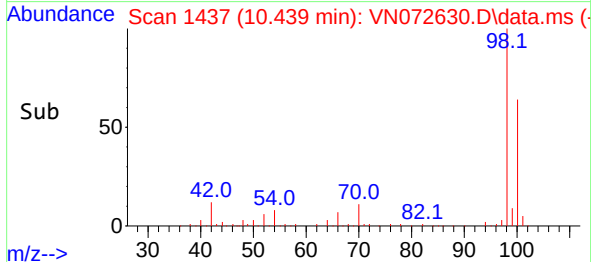
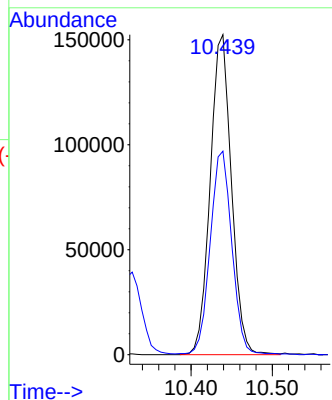
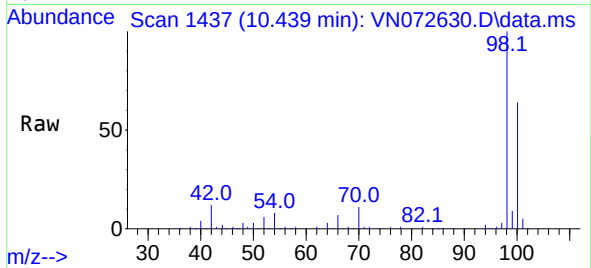
#63
Toluene-d8
Concen: 31.532 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN072630.D
Acq: 26 May 2022 14:44

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion: 98 Resp: 276700
Ion Ratio Lower Upper
98 100
100 65.0 50.6 76.0

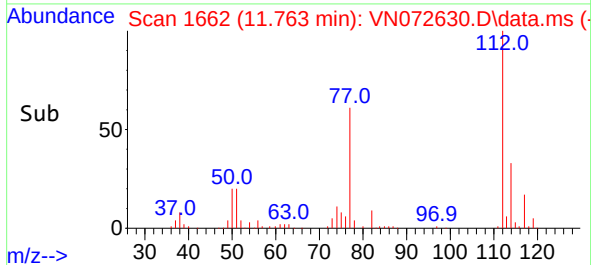
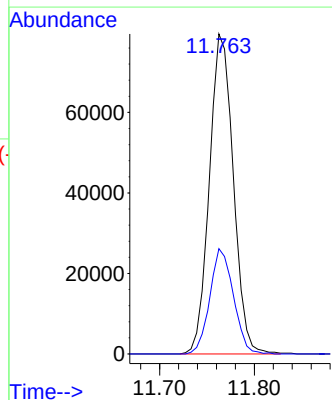
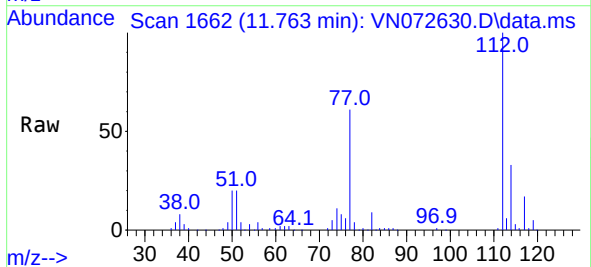
Manual Integrations
APPROVED

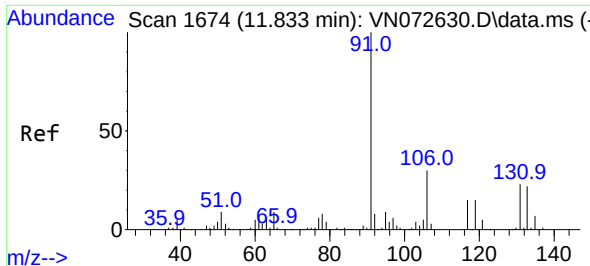
Reviewed By :John Carlone 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022



#64
Chlorobenzene
Concen: 20.510 ug/l
RT: 11.763 min Scan# 1662
Delta R.T. 0.000 min
Lab File: VN072630.D
Acq: 26 May 2022 14:44

Tgt Ion:112 Resp: 139530
Ion Ratio Lower Upper
112 100
114 32.9 25.8 38.6





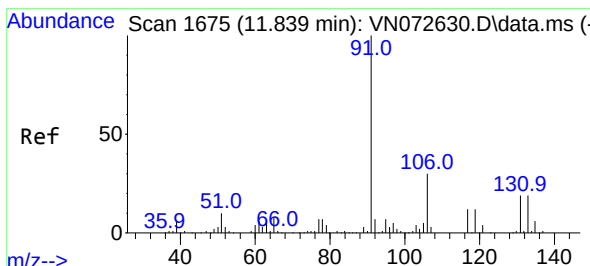
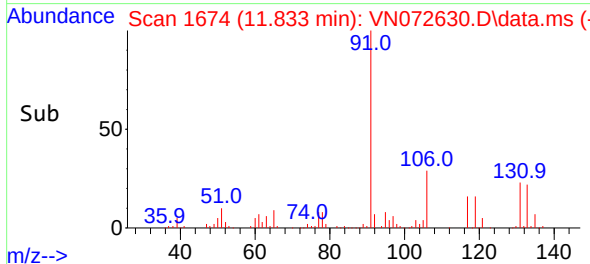
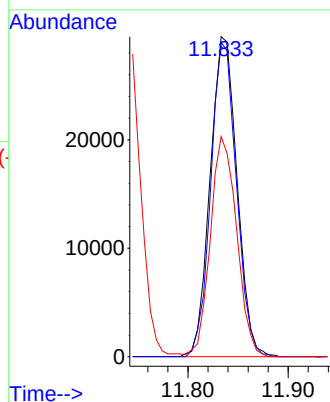
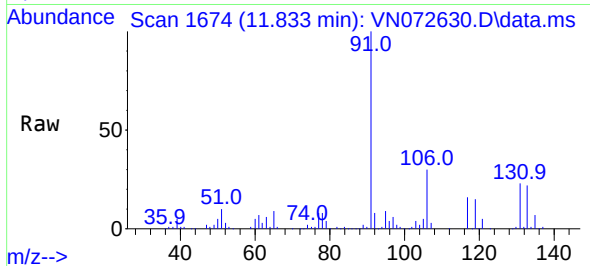
#65
1,1,1,2-Tetrachloroethane
Concen: 19.865 ug/l
RT: 11.833 min Scan# 1674
Delta R.T. 0.000 min
Lab File: VN072630.D
Acq: 26 May 2022 14:44

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion:131 Resp: 54738
Ion Ratio Lower Upper
131 100
133 94.1 0.0 191.2
119 67.3 0.0 128.8

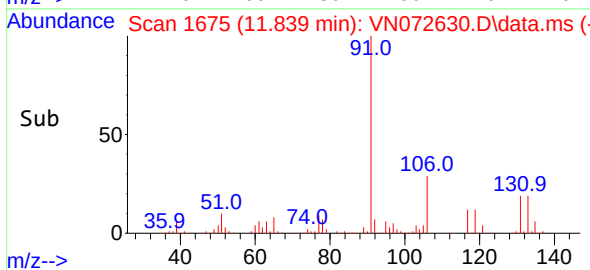
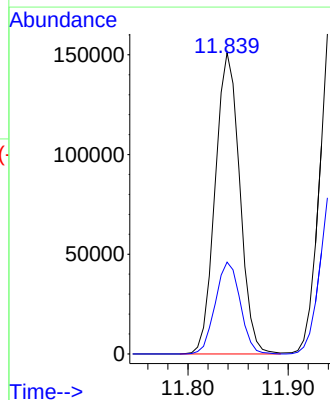
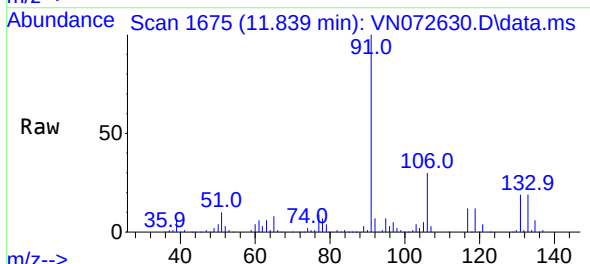
Manual Integrations
APPROVED

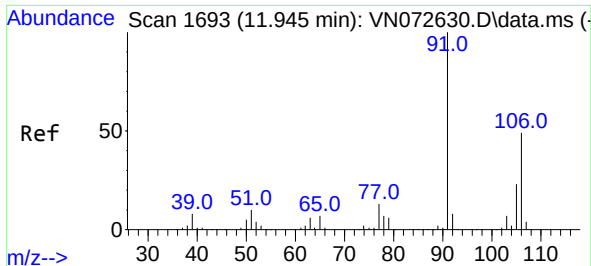
Reviewed By :John Carlone 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022



#66
Ethyl Benzene
Concen: 20.902 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VN072630.D
Acq: 26 May 2022 14:44

Tgt Ion: 91 Resp: 256311
Ion Ratio Lower Upper
91 100
106 30.5 24.0 36.0





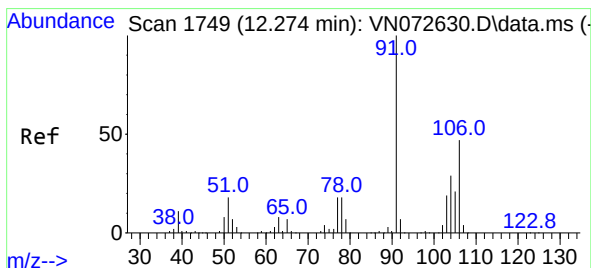
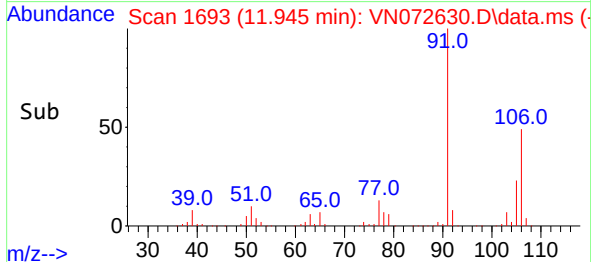
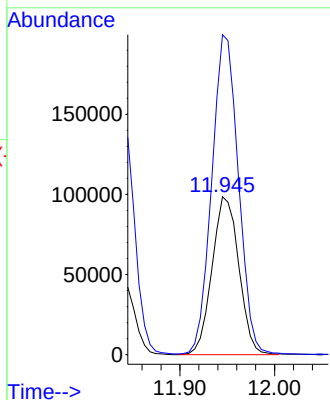
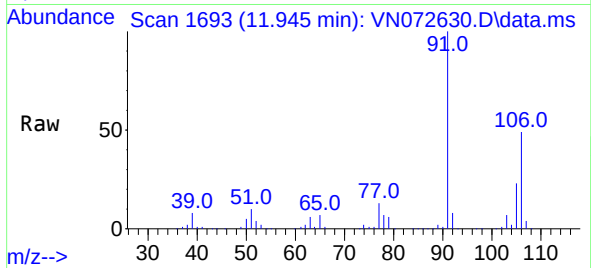
#67
m/p-Xylenes
Concen: 41.691 ug/l
RT: 11.945 min Scan# 1693
Delta R.T. 0.000 min
Lab File: VN072630.D
Acq: 26 May 2022 14:44

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion:106 Resp: 19378
Ion Ratio Lower Upper
106 100
91 202.2 162.9 244.3

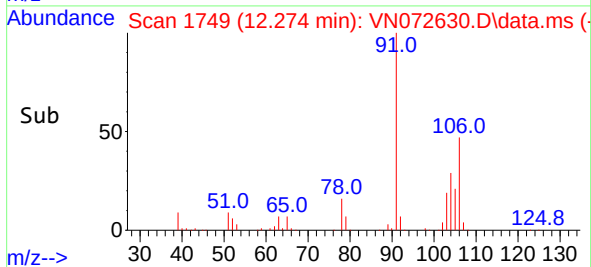
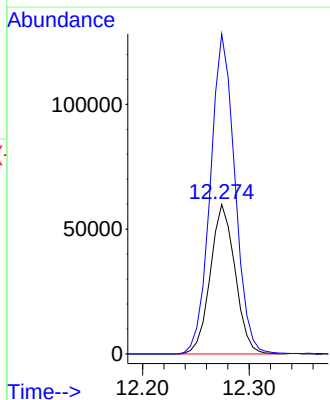
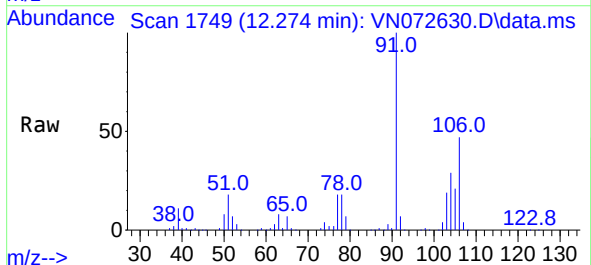
Manual Integrations
APPROVED

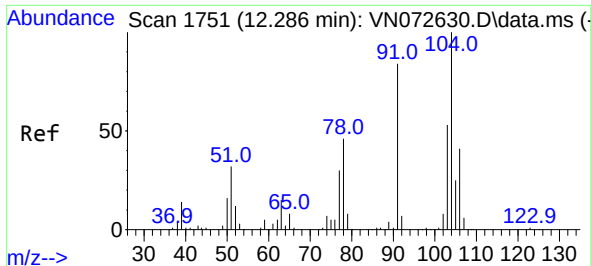
Reviewed By :John Carlone 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022



#68
o-Xylene
Concen: 20.995 ug/l
RT: 12.274 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VN072630.D
Acq: 26 May 2022 14:44

Tgt Ion:106 Resp: 96640
Ion Ratio Lower Upper
106 100
91 212.6 107.7 323.1





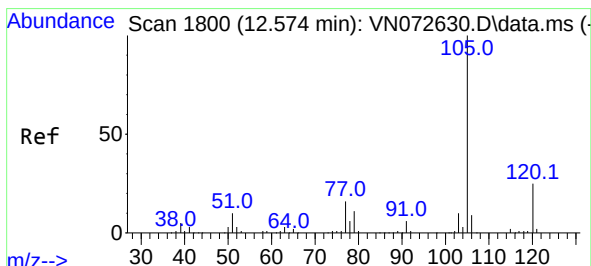
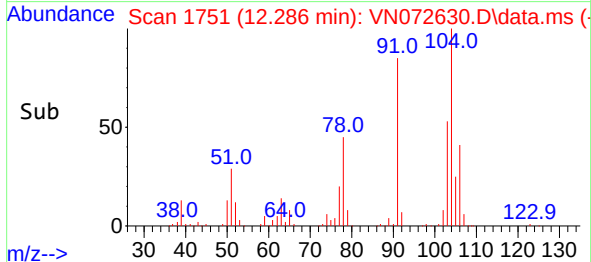
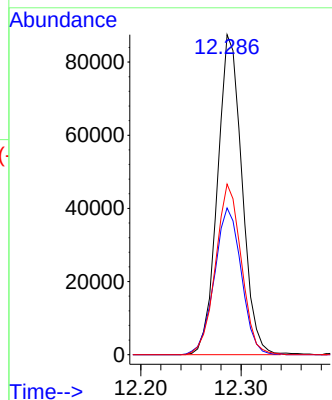
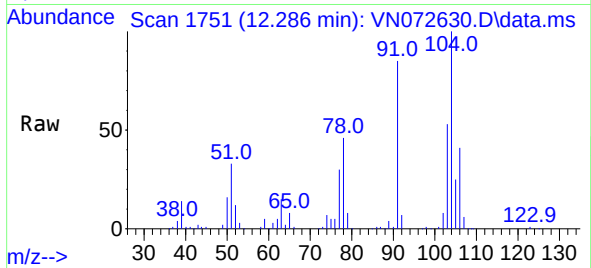
#69
Styrene
Concen: 20.342 ug/l
RT: 12.286 min Scan# 1751
Delta R.T. 0.000 min
Lab File: VN072630.D
Acq: 26 May 2022 14:44

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion:104 Resp: 148632
Ion Ratio Lower Upper
104 100
78 50.2 40.7 61.1
103 55.9 45.8 68.8

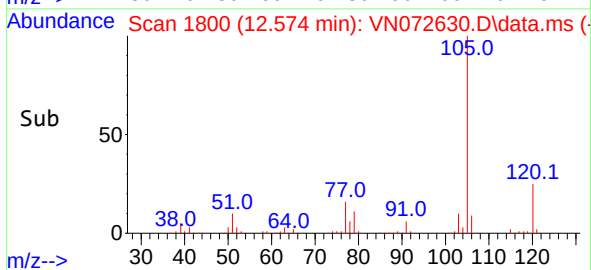
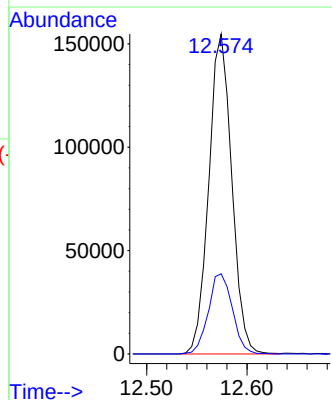
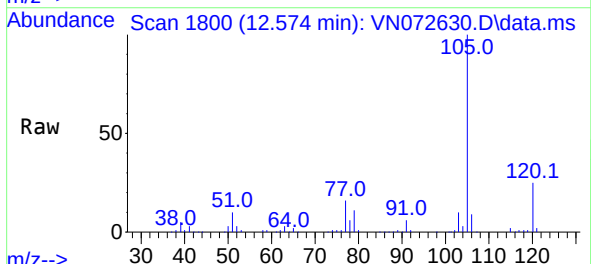
Manual Integrations
APPROVED

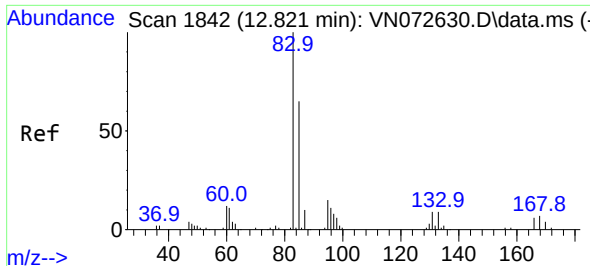
Reviewed By :John Carlone 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022



#70
Isopropylbenzene
Concen: 20.334 ug/l
RT: 12.574 min Scan# 1800
Delta R.T. 0.000 min
Lab File: VN072630.D
Acq: 26 May 2022 14:44

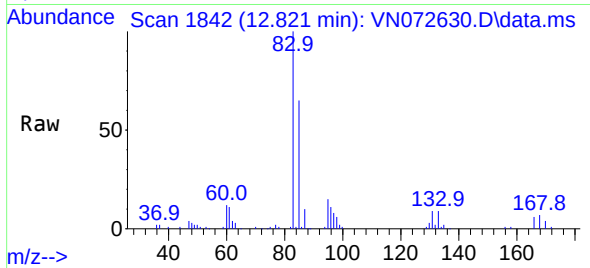
Tgt Ion:105 Resp: 246535
Ion Ratio Lower Upper
105 100
120 26.2 18.3 34.1





#71
1,1,2,2-Tetrachloroethane
Concen: 22.616 ug/l
RT: 12.821 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VN072630.D
Acq: 26 May 2022 14:44

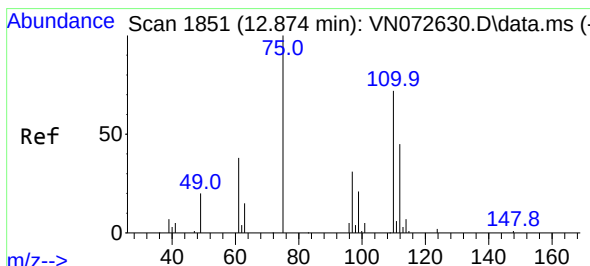
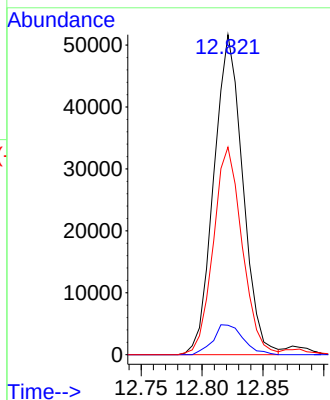
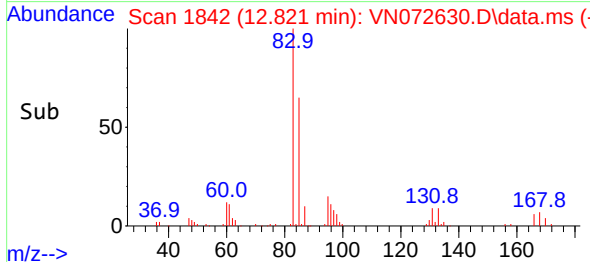
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



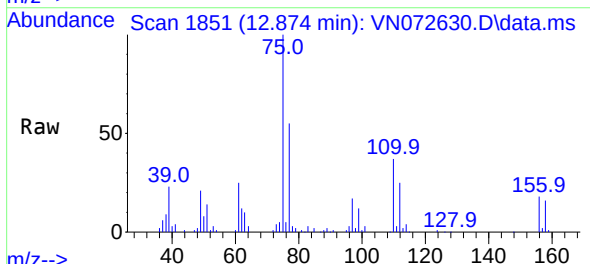
Tgt Ion: 83 Resp: 8543
Ion Ratio Lower Upper
83 100
131 9.7 5.1 15.3
85 64.6 33.1 99.2

Manual Integrations
APPROVED

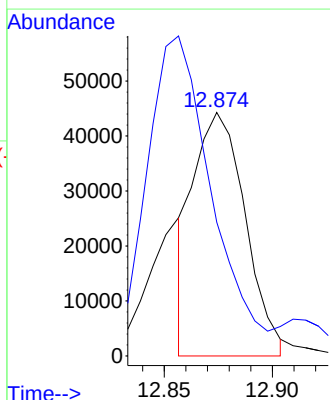
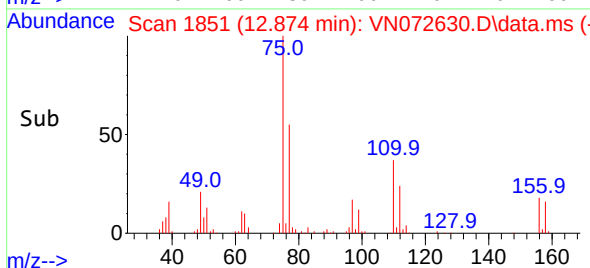
Reviewed By :John Carlone 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022

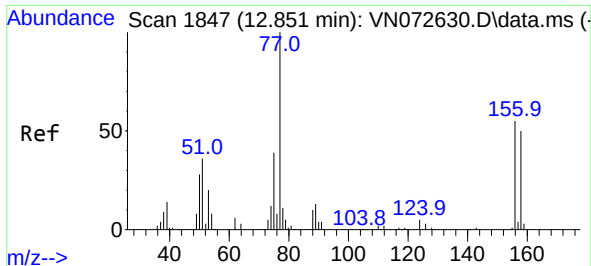


#72
1,2,3-Trichloropropane
Concen: 21.234 ug/l m
RT: 12.874 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VN072630.D
Acq: 26 May 2022 14:44



Tgt Ion: 75 Resp: 73760
Ion Ratio Lower Upper
75 100
77 165.1 0.0 378.0





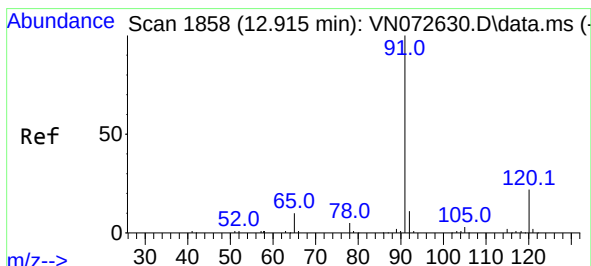
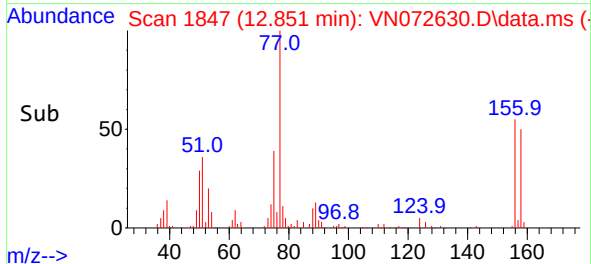
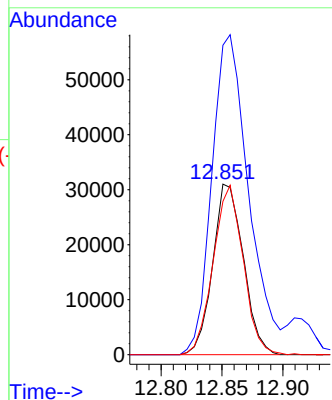
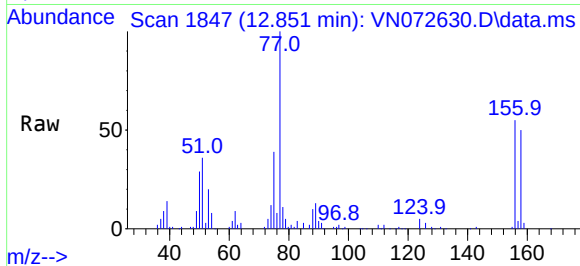
#73
Bromobenzene
Concen: 18.854 ug/l
RT: 12.851 min Scan# 1847
Delta R.T. 0.000 min
Lab File: VN072630.D
Acq: 26 May 2022 14:44

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion:156 Resp: 5426
Ion Ratio Lower Upper
156 100
77 224.5 0.0 416.0
158 97.3 0.0 195.4

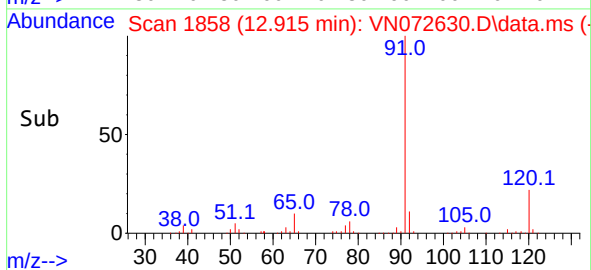
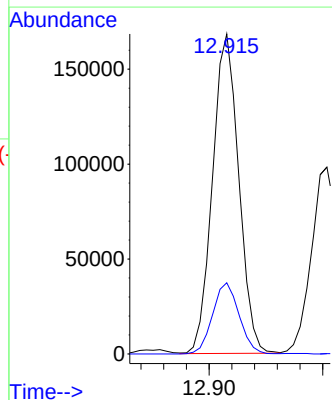
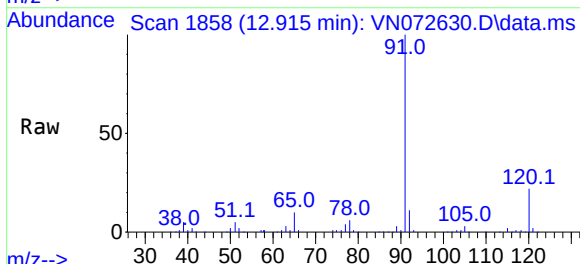
Manual Integrations
APPROVED

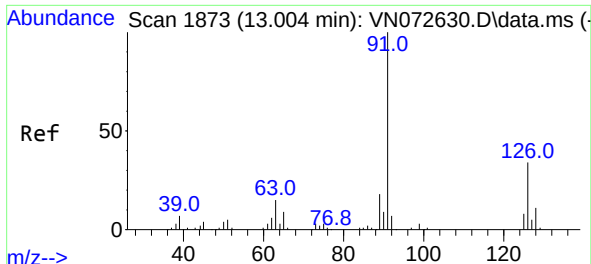
Reviewed By :John Carlone 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022



#74
n-propylbenzene
Concen: 20.204 ug/l
RT: 12.915 min Scan# 1858
Delta R.T. 0.000 min
Lab File: VN072630.D
Acq: 26 May 2022 14:44

Tgt Ion: 91 Resp: 270074
Ion Ratio Lower Upper
91 100
120 22.5 0.0 45.0





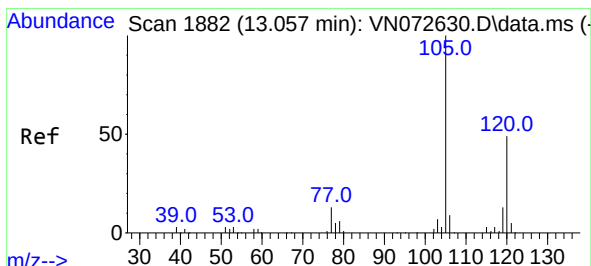
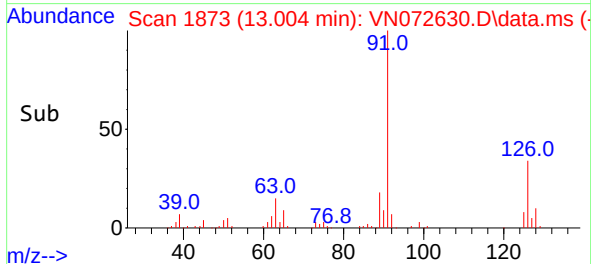
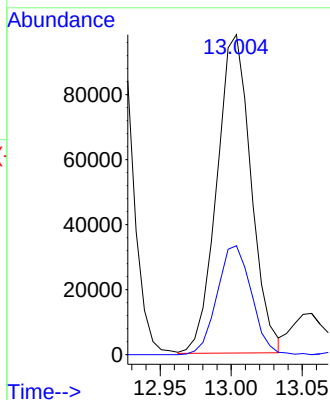
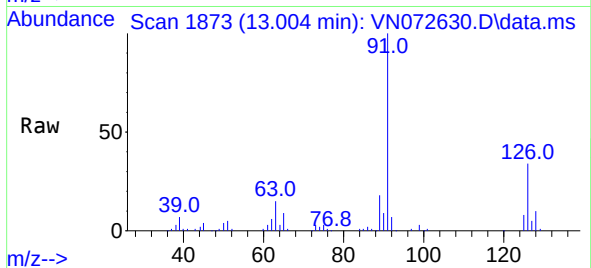
#75
2-Chlorotoluene
Concen: 19.423 ug/l
RT: 13.004 min Scan# 1873
Delta R.T. 0.000 min
Lab File: VN072630.D
Acq: 26 May 2022 14:44

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion: 91 Resp: 16433
Ion Ratio Lower Upper
91 100
126 34.3 0.0 69.8

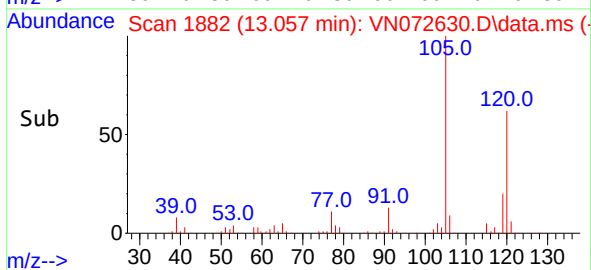
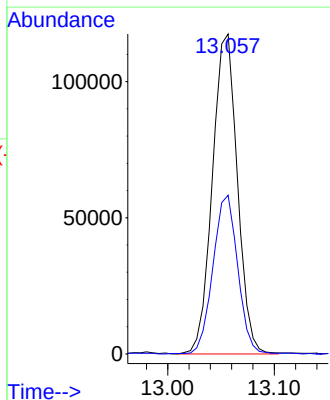
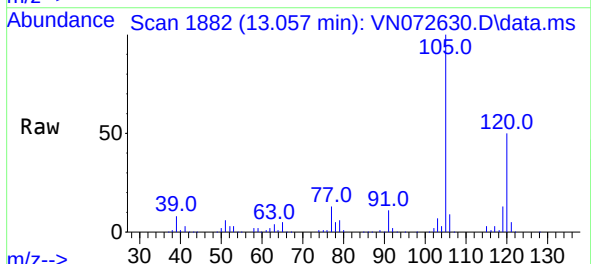
Manual Integrations
APPROVED

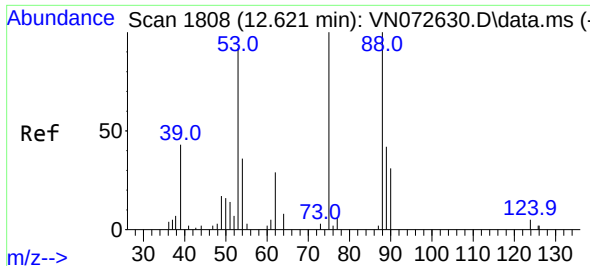
Reviewed By :John Carlone 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022



#76
1,3,5-Trimethylbenzene
Concen: 18.780 ug/l
RT: 13.057 min Scan# 1882
Delta R.T. 0.000 min
Lab File: VN072630.D
Acq: 26 May 2022 14:44

Tgt Ion:105 Resp: 191312
Ion Ratio Lower Upper
105 100
120 49.0 0.0 93.8





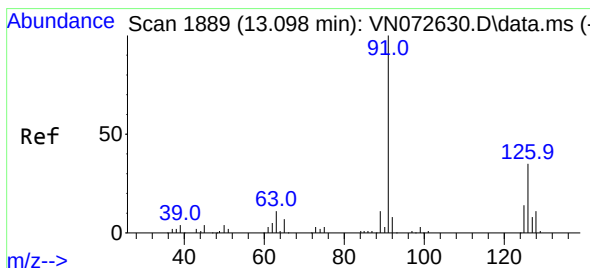
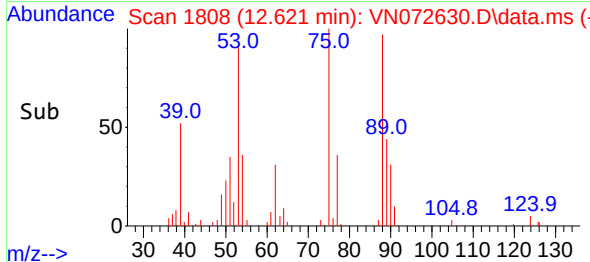
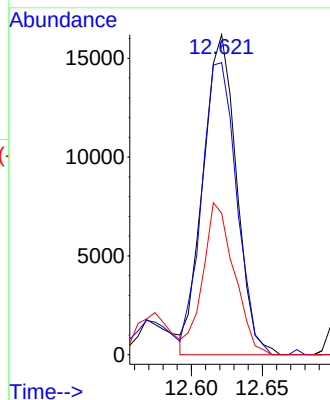
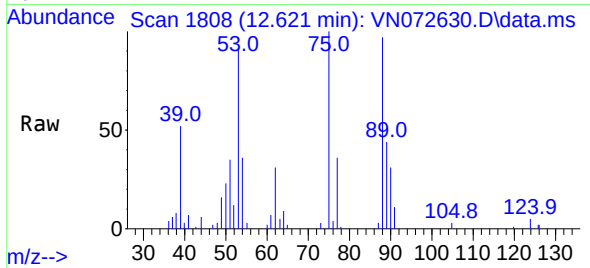
#77
t-1,4-Dichloro-2-butene
Concen: 21.953 ug/l
RT: 12.621 min Scan# 1808
Delta R.T. 0.000 min
Lab File: VN072630.D
Acq: 26 May 2022 14:44

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion: 75 Resp: 2639
Ion Ratio Lower Upper
75 100
53 91.2 51.8 155.5
89 44.2 22.9 68.7

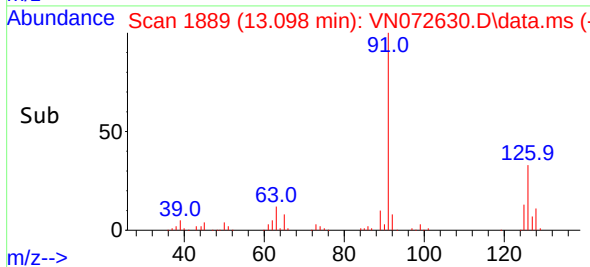
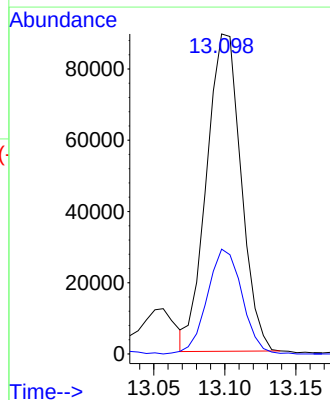
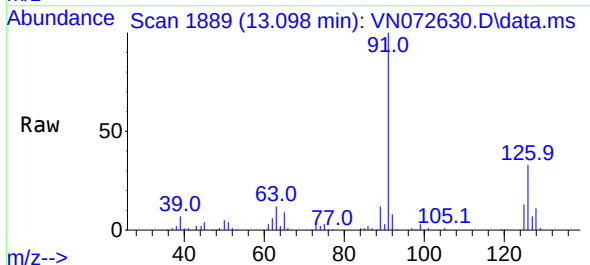
Manual Integrations
APPROVED

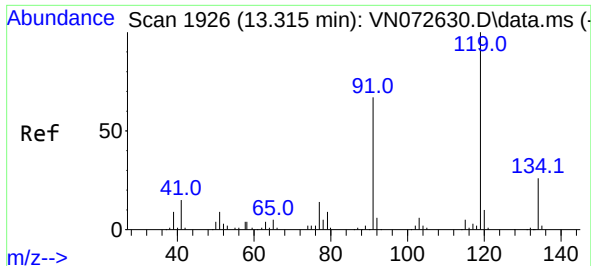
Reviewed By :John Carlone 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022



#78
4-Chlorotoluene
Concen: 18.925 ug/l
RT: 13.098 min Scan# 1889
Delta R.T. 0.000 min
Lab File: VN072630.D
Acq: 26 May 2022 14:44

Tgt Ion: 91 Resp: 150574
Ion Ratio Lower Upper
91 100
126 33.4 0.0 70.6





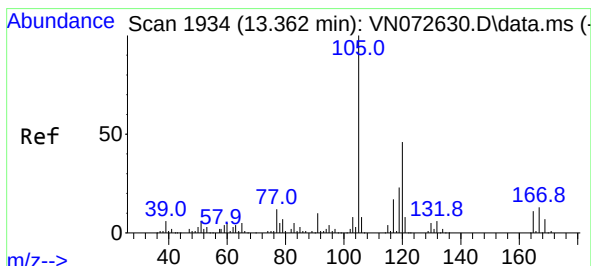
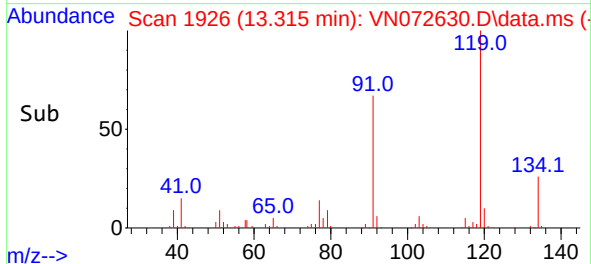
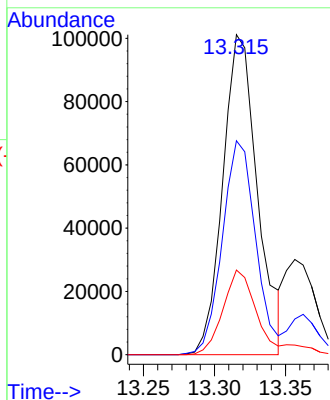
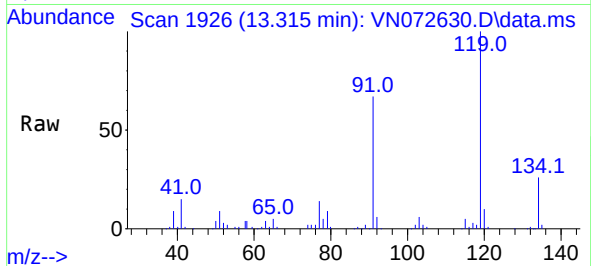
#79
tert-butylbenzene
Concen: 19.140 ug/l
RT: 13.315 min Scan# 1926
Delta R.T. 0.000 min
Lab File: VN072630.D
Acq: 26 May 2022 14:44

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion:119 Resp: 172268
Ion Ratio Lower Upper
119 100
91 64.2 0.0 137.0
134 24.8 0.0 47.6

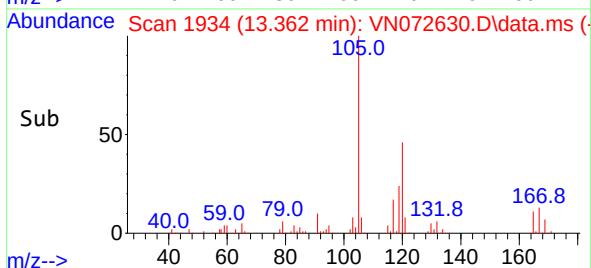
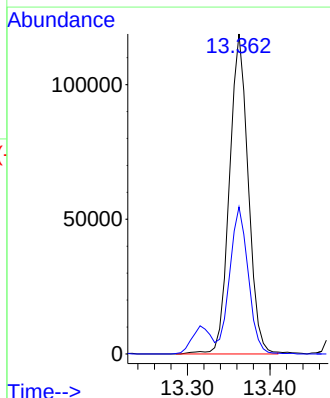
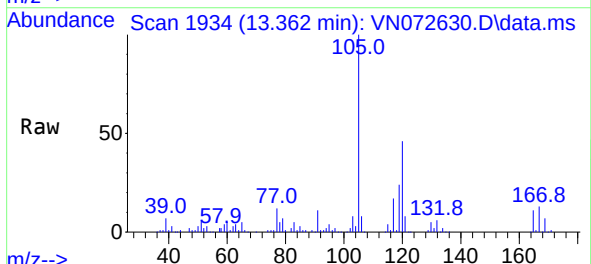
Manual Integrations
APPROVED

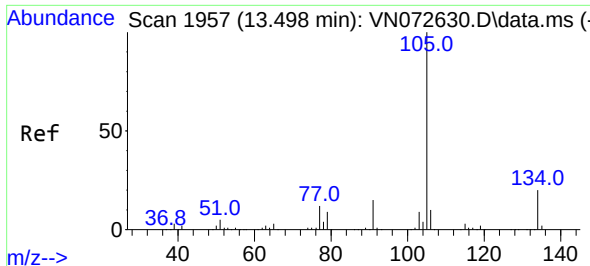
Reviewed By :John Carlone 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022



#80
1,2,4-Trimethylbenzene
Concen: 19.014 ug/l m
RT: 13.362 min Scan# 1934
Delta R.T. 0.000 min
Lab File: VN072630.D
Acq: 26 May 2022 14:44

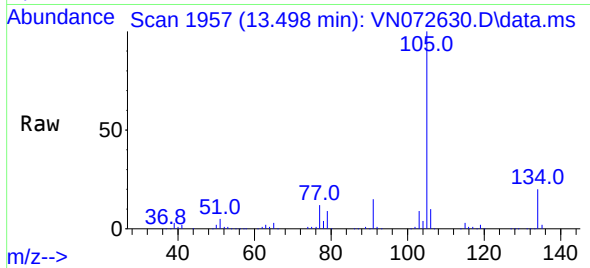
Tgt Ion:105 Resp: 187347
Ion Ratio Lower Upper
105 100
120 0.2 0.0 0.2





#81
 sec-Butylbenzene
 Concen: 19.394 ug/l
 RT: 13.498 min Scan# 1957
 Delta R.T. 0.000 min
 Lab File: VN072630.D
 Acq: 26 May 2022 14:44

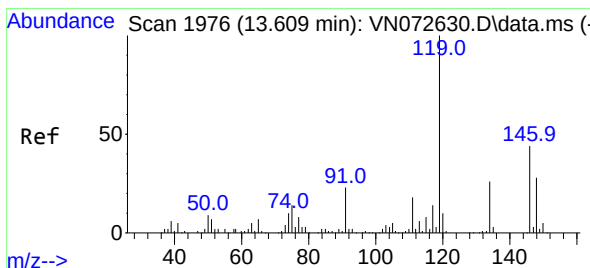
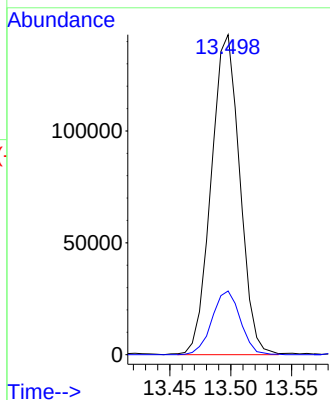
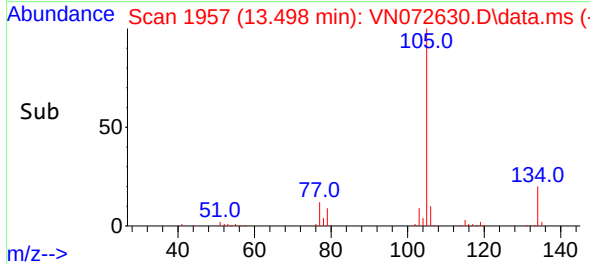
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC020



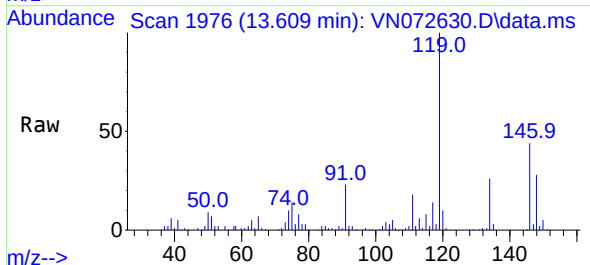
Tgt Ion:105 Resp: 233285
 Ion Ratio Lower Upper
 105 100
 134 19.7 0.0 39.4

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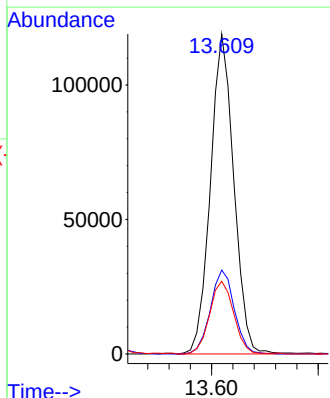
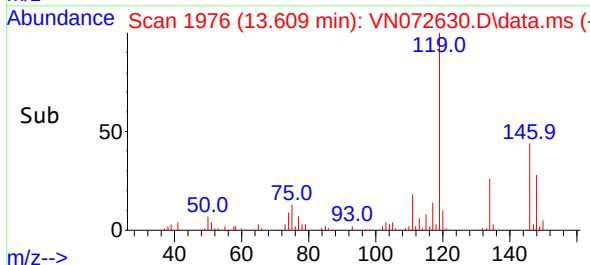
Reviewed By :John Carlone 05/27/2022
 Supervised By :Mahesh Dadoda 05/27/2022

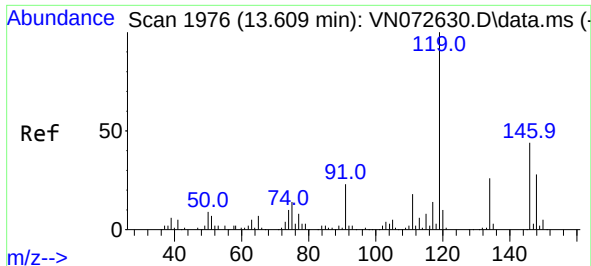


#82
 p-Isopropyltoluene
 Concen: 18.427 ug/l
 RT: 13.609 min Scan# 1976
 Delta R.T. 0.000 min
 Lab File: VN072630.D
 Acq: 26 May 2022 14:44



Tgt Ion:119 Resp: 181207
 Ion Ratio Lower Upper
 119 100
 134 26.8 0.0 51.8
 91 23.4 0.0 50.4





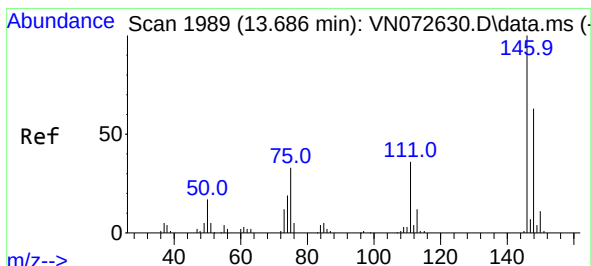
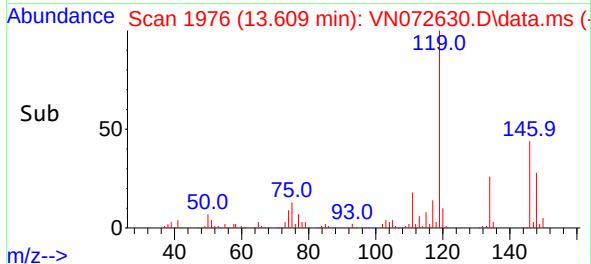
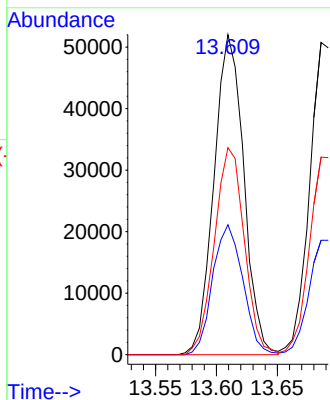
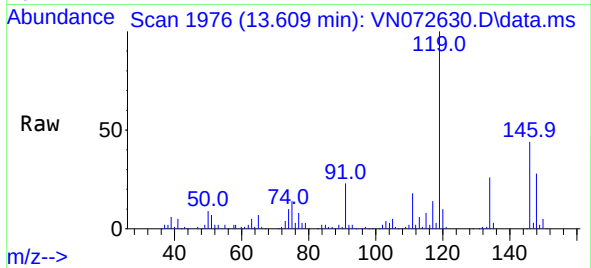
#83
1,3-Dichlorobenzene
Concen: 18.104 ug/l
RT: 13.609 min Scan# 1976
Delta R.T. 0.000 min
Lab File: VN072630.D
Acq: 26 May 2022 14:44

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion:146 Resp: 88631
Ion Ratio Lower Upper
146 100
111 41.2 20.8 62.2
148 65.0 31.4 94.3

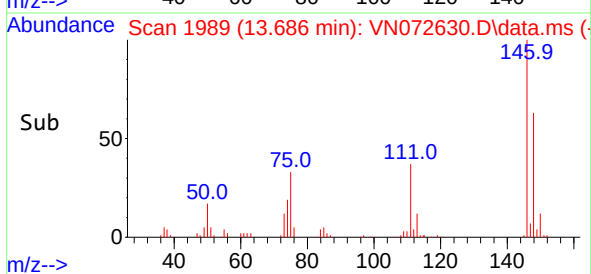
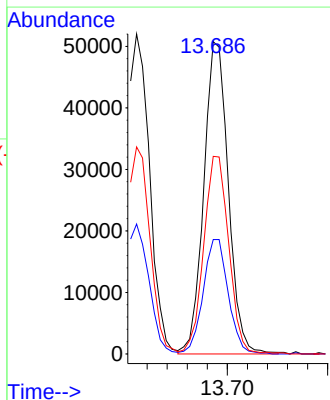
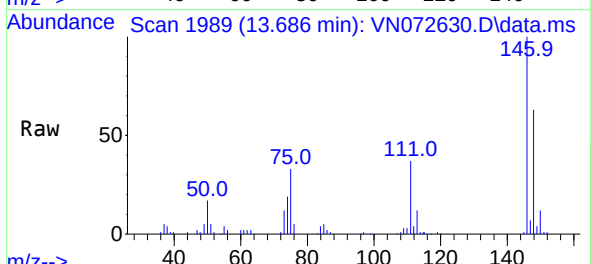
Manual Integrations
APPROVED

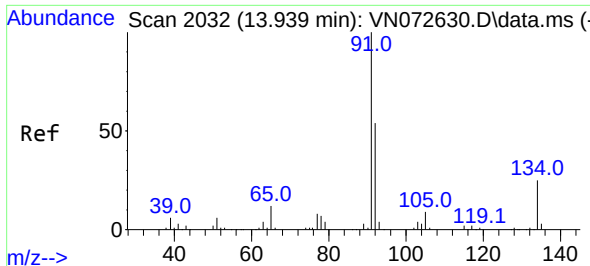
Reviewed By :John Carlone 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022



#84
1,4-Dichlorobenzene
Concen: 18.112 ug/l
RT: 13.686 min Scan# 1989
Delta R.T. 0.000 min
Lab File: VN072630.D
Acq: 26 May 2022 14:44

Tgt Ion:146 Resp: 86341
Ion Ratio Lower Upper
146 100
111 37.5 19.5 58.5
148 64.7 31.1 93.5





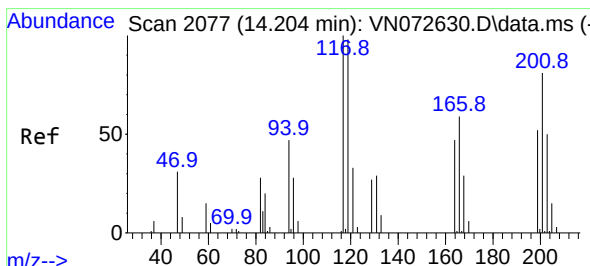
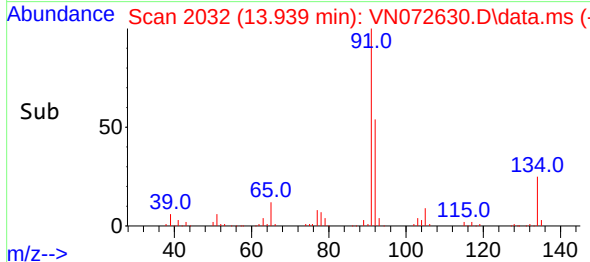
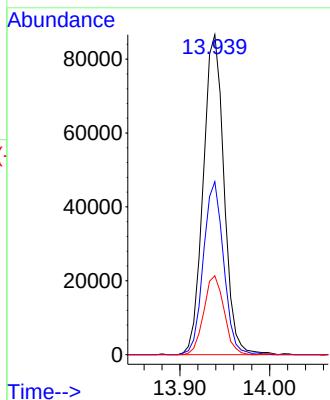
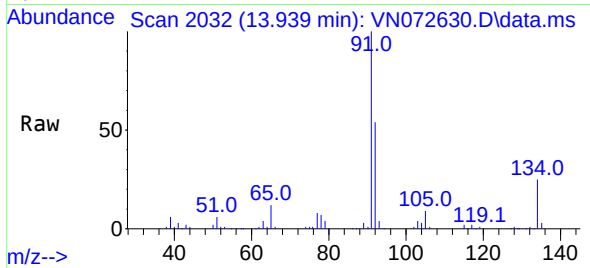
#85
n-Butylbenzene
Concen: 18.708 ug/l
RT: 13.939 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VN072630.D
Acq: 26 May 2022 14:44

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion: 91 Resp: 139494
Ion Ratio Lower Upper
91 100
92 52.7 0.0 100.6
134 24.1 0.0 50.2

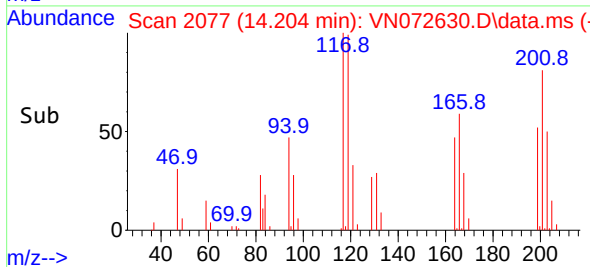
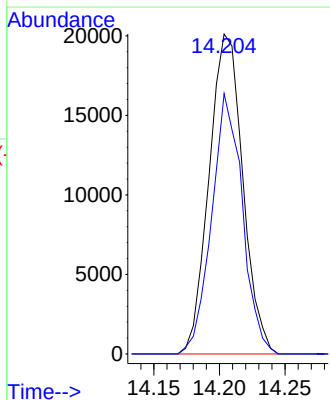
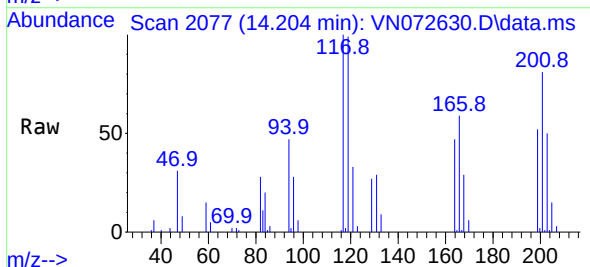
Manual Integrations
APPROVED

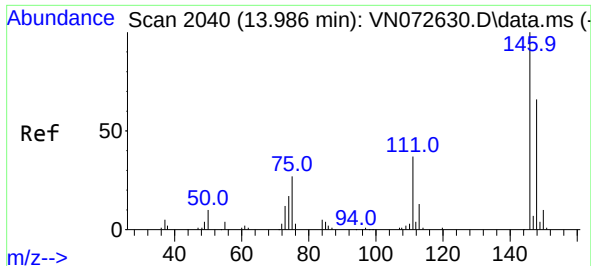
Reviewed By :John Carlone 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022



#86
Hexachloroethane
Concen: 19.419 ug/l
RT: 14.204 min Scan# 2077
Delta R.T. 0.000 min
Lab File: VN072630.D
Acq: 26 May 2022 14:44

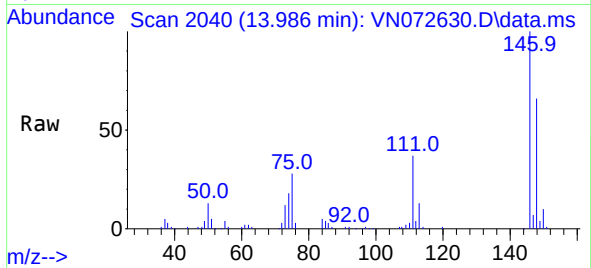
Tgt Ion:117 Resp: 35984
Ion Ratio Lower Upper
117 100
201 74.0 33.3 99.8





#87
1,2-Dichlorobenzene
Concen: 19.032 ug/l
RT: 13.986 min Scan# 2040
Delta R.T. 0.000 min
Lab File: VN072630.D
Acq: 26 May 2022 14:44

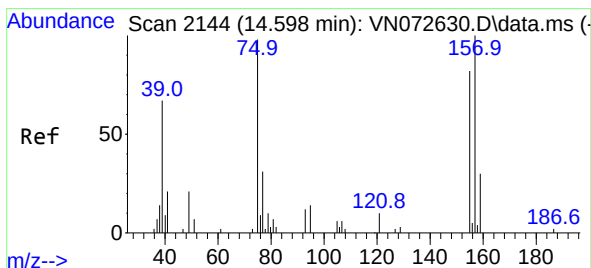
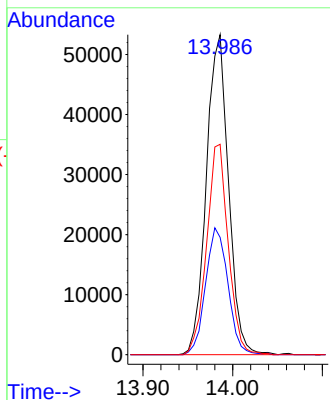
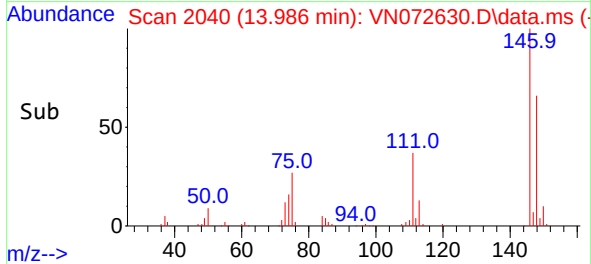
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



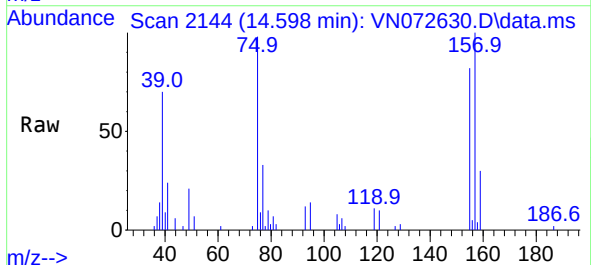
Tgt Ion:146 Resp: 91384
Ion Ratio Lower Upper
146 100
111 40.0 21.4 64.2
148 64.1 32.5 97.4

Manual Integrations
APPROVED

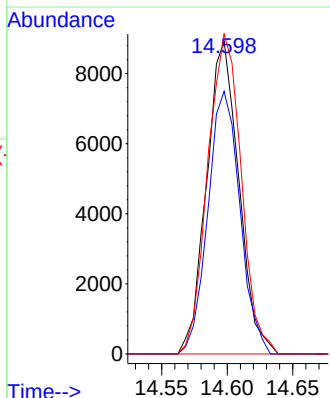
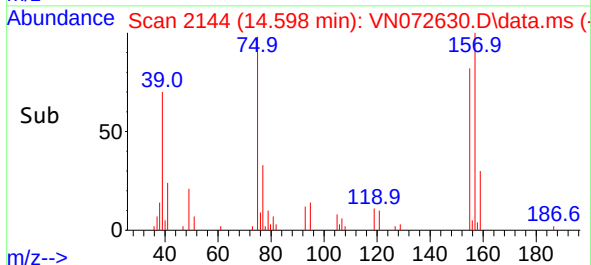
Reviewed By :John Carlone 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022

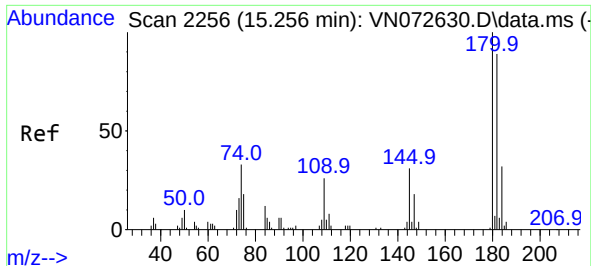


#88
1,2-Dibromo-3-Chloropropane
Concen: 17.990 ug/l
RT: 14.598 min Scan# 2144
Delta R.T. 0.000 min
Lab File: VN072630.D
Acq: 26 May 2022 14:44



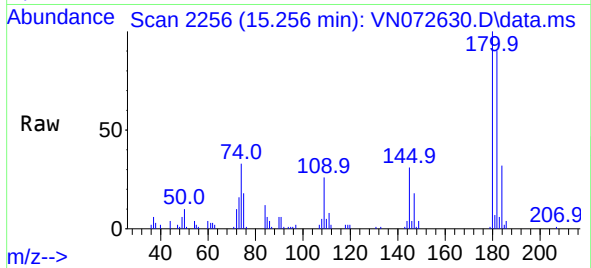
Tgt Ion: 75 Resp: 15297
Ion Ratio Lower Upper
75 100
155 83.3 63.8 95.8
157 105.9 77.9 116.9





#89
1,2,4-Trichlorobenzene
Concen: 18.914 ug/l
RT: 15.256 min Scan# 2256
Delta R.T. 0.000 min
Lab File: VN072630.D
Acq: 26 May 2022 14:44

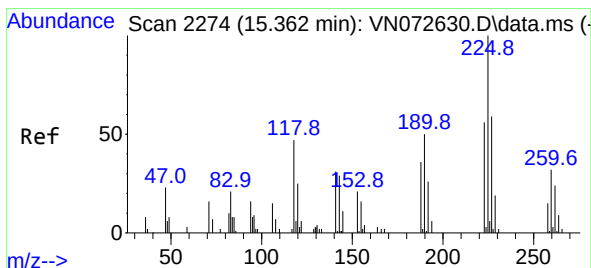
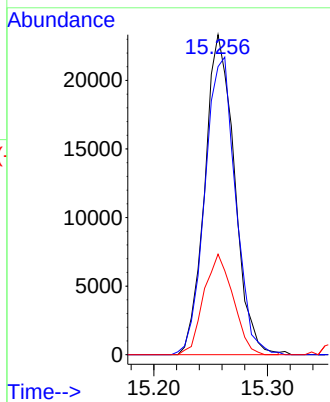
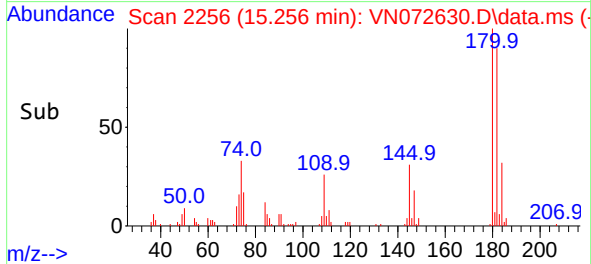
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



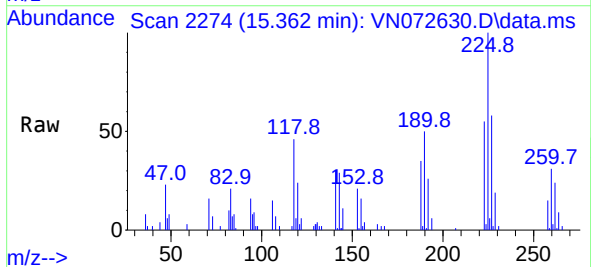
Tgt Ion:180 Resp: 42314
Ion Ratio Lower Upper
180 100
182 95.9 77.7 116.5
145 31.0 26.6 39.8

Manual Integrations
APPROVED

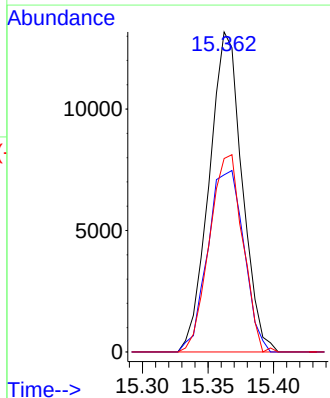
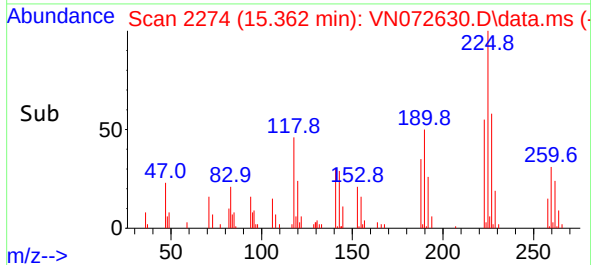
Reviewed By :John Carlone 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022

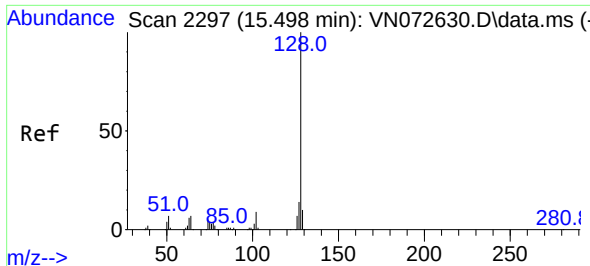


#90
Hexachlorobutadiene
Concen: 17.529 ug/l
RT: 15.362 min Scan# 2274
Delta R.T. 0.000 min
Lab File: VN072630.D
Acq: 26 May 2022 14:44



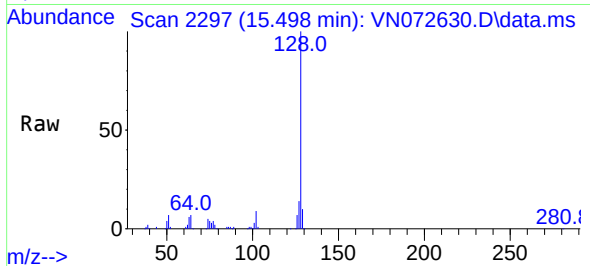
Tgt Ion:225 Resp: 22982
Ion Ratio Lower Upper
225 100
223 62.5 0.0 126.8
227 62.2 0.0 123.0





#91
Naphthalene
Concen: 20.385 ug/l
RT: 15.498 min Scan# 2297
Delta R.T. 0.000 min
Lab File: VN072630.D
Acq: 26 May 2022 14:44

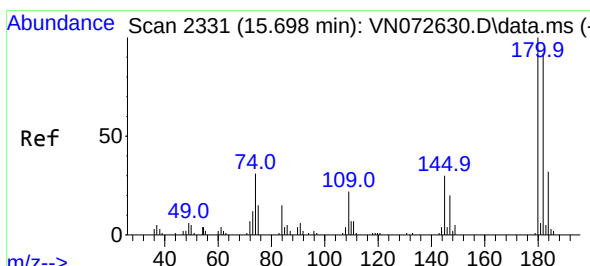
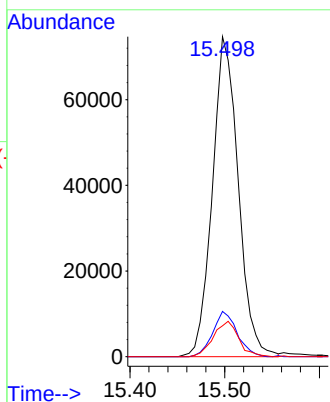
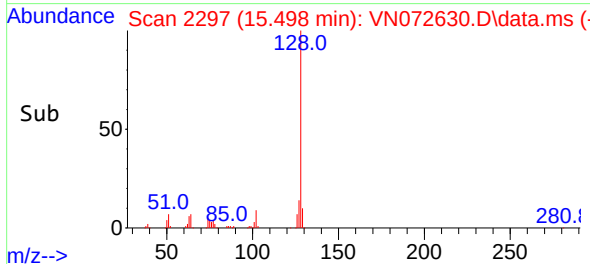
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



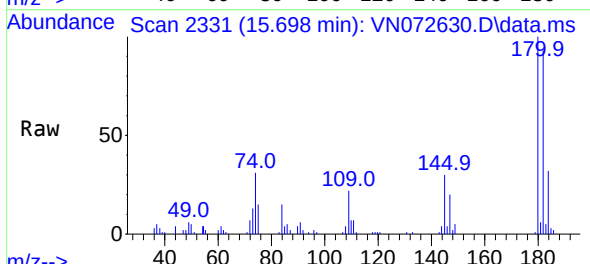
Tgt Ion:128 Resp: 141578
Ion Ratio Lower Upper
128 100
127 13.4 10.7 16.1
129 10.8 9.0 13.6

Manual Integrations
APPROVED

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



#92
1,2,3-Trichlorobenzene
Concen: 19.351 ug/l
RT: 15.698 min Scan# 2331
Delta R.T. 0.000 min
Lab File: VN072630.D
Acq: 26 May 2022 14:44



Tgt Ion:180 Resp: 43969
Ion Ratio Lower Upper
180 100
182 92.8 0.0 190.0
145 32.2 0.0 67.8

