

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052622\
 Data File : VN072635.D
 Acq On : 26 May 2022 16:46
 Operator : JC\MD
 Sample : VSTDICV020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN052622

Manual Integrations
 APPROVED

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

Quant Time: May 27 05:49:21 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N052622W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri May 27 05:07:24 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.657	128	32515	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	8.963	114	183830	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.739	117	140214	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.434	65	90305	29.025	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery =	96.733%		
60) 4-Bromofluorobenzene	12.727	95	75503	30.662	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery =	102.200%		
63) Toluene-d8	10.439	98	253889	31.845	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery =	106.167%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.069	85	45306	20.391	ug/l	99
3) Chloromethane	2.299	50	52183	17.515	ug/l	99
4) Vinyl Chloride	2.440	62	44476	17.855	ug/l	95
5) Bromomethane	2.857	94	21770	17.973	ug/l	97
6) Chloroethane	3.016	64	27377	17.567	ug/l	96
7) Trichlorofluoromethane	3.375	101	74460	20.860	ug/l	96
8) Diethyl Ether	3.822	74	30632	20.452	ug/l	86
9) 1,1,2-Trichlorotrifluo...	4.204	101	43444	21.787	ug/l #	69
10) 1,1-Dichloroethene	4.181	96	41356	21.121	ug/l	95
11) Methyl Iodide	4.416	142	35269	18.813	ug/l	98
12) Methyl Acetate	4.851	43	81673	21.254	ug/l	96
13) Acrolein	4.040	56	42520	96.619	ug/l	99
14) Acrylonitrile	5.551	53	176826	106.826	ug/l	97
15) Acetone	4.281	58	48230	113.187	ug/l	89
16) Carbon Disulfide	4.528	76	113778	21.185	ug/l	100
17) Allyl chloride	4.834	41	86247	21.201	ug/l	80
18) Methylene Chloride	5.098	84	52959	20.573	ug/l	95
19) trans-1,2-Dichloroethene	5.587	96	45000	21.012	ug/l	97
20) Diisopropyl ether	6.487	45	181292	19.437	ug/l	90
21) 1,1-Dichloroethane	6.381	63	92749	19.535	ug/l	98
22) cis-1,2-Dichloroethene	7.322	96	56234	20.674	ug/l	98
23) tert-Butyl Alcohol	5.357	59	57545	103.573	ug/l #	100
24) Methyl tert-Butyl Ether	5.610	73	156540	20.810	ug/l	93
25) Chloroform	7.816	83	91844	19.040	ug/l	100
26) Cyclohexane	8.086	56	82445	18.411	ug/l #	94
29) 1,1-Dichloropropene	8.216	75	67158	19.318	ug/l	97
30) 2-Butanone	7.328	43	250647	107.066	ug/l	94
31) 2,2-Dichloropropane	7.322	77	74771	21.235	ug/l	99
32) 1,1,1-Trichloroethane	8.010	97	76771	19.906	ug/l	97
33) Carbon Tetrachloride	8.198	117	64115	18.723	ug/l	92
34) Benzene	8.457	78	212207	19.418	ug/l	98
35) Methacrylonitrile	7.628	41	44710	18.724	ug/l	93
36) 1,2-Dichloroethane	8.522	62	70780	19.932	ug/l	96
37) Trichloroethene	9.210	130	48918	18.807	ug/l	99
38) Methylcyclohexane	9.451	83	78654	18.318	ug/l	92
39) 1,2-Dichloropropane	9.486	63	53421	18.330	ug/l	97
40) Dibromomethane	9.575	93	34771	18.815	ug/l	97
41) Bromodichloromethane	9.757	83	65084	17.570	ug/l	93
42) Vinyl Acetate	6.428	43	785293	102.780	ug/l	99

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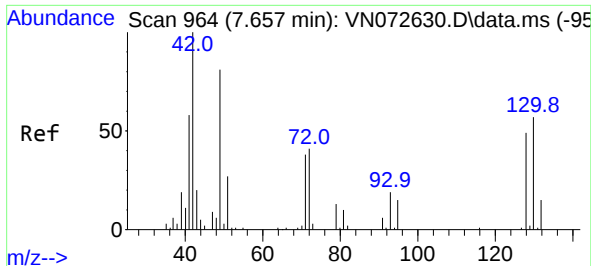
Manual Integrations
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Quant Time: May 27 05:49:21 2022
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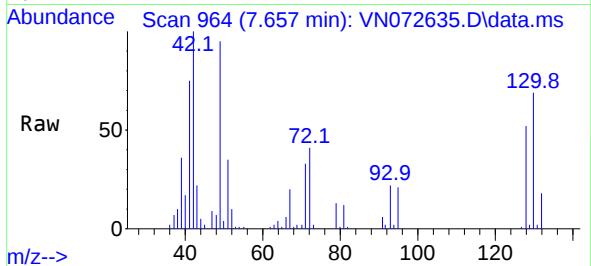
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.410	43	87691	19.534	ug/l	100
44) Isopropyl Acetate	8.557	43	139770	19.982	ug/l	98
45) 1,4-Dioxane	9.563	88	22894	390.371	ug/l	92
46) Methyl methacrylate	9.557	41	59811	18.148	ug/l	82
47) n-amyl Acetate	12.386	43	87112	17.093	ug/l	99
48) t-1,3-Dichloropropene	10.716	75	71579	17.889	ug/l	91
49) cis-1,3-Dichloropropene	10.186	75	75366	17.095	ug/l	96
50) 1,1,2-Trichloroethane	10.892	97	47189	17.370	ug/l	95
51) Ethyl methacrylate	10.757	69	82242	17.954	ug/l	87
52) 1,3-Dichloropropane	11.039	76	83731	17.478	ug/l	98
53) Dibromochloromethane	11.233	129	46535	16.661	ug/l	99
54) 1,2-Dibromoethane	11.345	107	45662	16.369	ug/l	93
55) 2-Chloroethyl vinyl ether	10.039	63	170201	84.944	ug/l	96
56) Bromoform	12.451	173	33043	16.387	ug/l #	99
58) 4-Methyl-2-Pentanone	10.328	43	463102	114.344	ug/l	97
59) 2-Hexanone	11.080	43	339325	117.479	ug/l	98
61) Tetrachloroethene	10.975	164	35749	19.265	ug/l	91
62) Toluene	10.498	91	203453	20.669	ug/l	99
64) Chlorobenzene	11.769	112	110787	19.369	ug/l	98
65) 1,1,1,2-Tetrachloroethane	11.839	131	42403	18.826	ug/l	98
66) Ethyl Benzene	11.839	91	208850	19.234	ug/l	97
67) m/p-Xylenes	11.945	106	157325	39.864	ug/l	100
68) o-Xylene	12.274	106	78283	19.937	ug/l	97
69) Styrene	12.292	104	117545	18.895	ug/l	99
70) Isopropylbenzene	12.574	105	217581	21.689	ug/l	100
71) 1,1,2,2-Tetrachloroethane	12.821	83	71641	20.801	ug/l	97
72) 1,2,3-Trichloropropane	12.874	75	63728m	21.928	ug/l	
73) Bromobenzene	12.857	156	43150	19.580	ug/l	85
74) n-propylbenzene	12.916	91	226780	19.993	ug/l	98
75) 2-Chlorotoluene	13.004	91	132822	19.306	ug/l	94
76) 1,3,5-Trimethylbenzene	13.057	105	151941	19.192	ug/l	99
77) t-1,4-Dichloro-2-butene	12.621	75	22947	20.205	ug/l	99
78) 4-Chlorotoluene	13.098	91	122993	19.635	ug/l	95
79) tert-butylbenzene	13.316	119	136506	19.704	ug/l	96
80) 1,2,4-Trimethylbenzene	13.363	105	149217m	19.529	ug/l	
81) sec-Butylbenzene	13.498	105	197907	19.746	ug/l	99
82) p-Isopropyltoluene	13.610	119	146795	18.893	ug/l	98
83) 1,3-Dichlorobenzene	13.610	146	70929	18.545	ug/l	100
84) 1,4-Dichlorobenzene	13.692	146	69211	18.626	ug/l	99
85) n-Butylbenzene	13.939	91	135177	21.172	ug/l	98
86) Hexachloroethane	14.204	117	30555	19.745	ug/l	98
87) 1,2-Dichlorobenzene	13.980	146	79615	21.075	ug/l	97
88) 1,2-Dibromo-3-Chloropr...	14.604	75	13979	20.892	ug/l	90
89) 1,2,4-Trichlorobenzene	15.257	180	33406	17.923	ug/l	98
90) Hexachlorobutadiene	15.368	225	17179	18.378	ug/l	97
91) Naphthalene	15.504	128	149329	22.831	ug/l	99
92) 1,2,3-Trichlorobenzene	15.692	180	43440	22.829	ug/l	99

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



#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.657 min Scan# 90
Delta R.T. 0.000 min
Lab File: VN072635.D
Acq: 26 May 2022 16:46

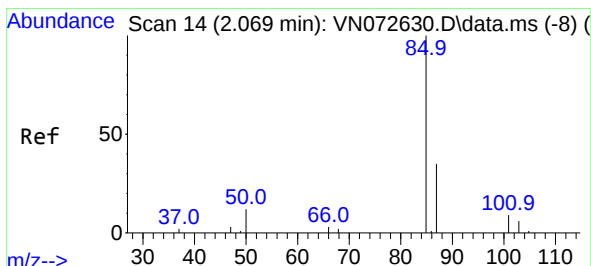
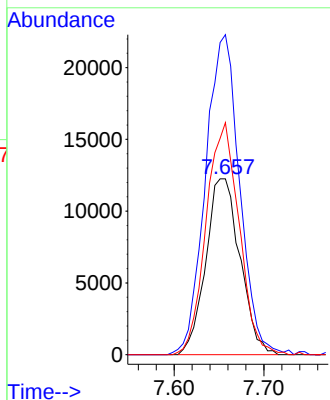
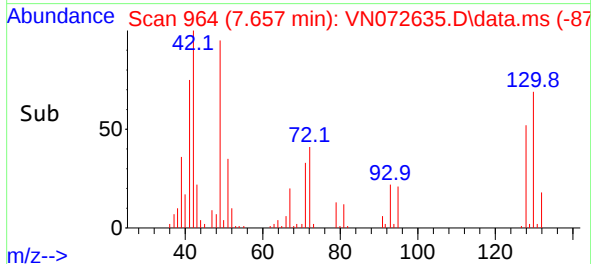
Instrument :
MSVOA_N
ClientSampleId :
ICV052622



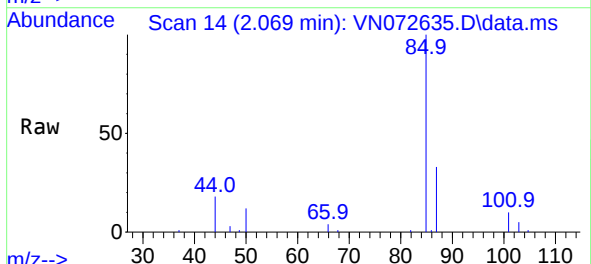
Tgt Ion:128 Resp: 3251
Ion Ratio Lower Upper
128 100
49 180.9 0.0 392.3
130 127.2 0.0 320.2

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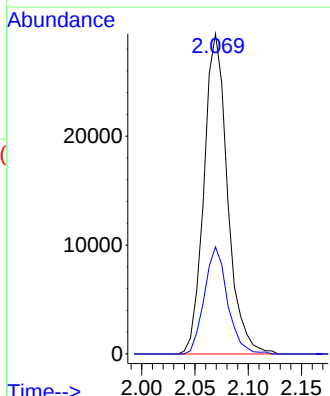
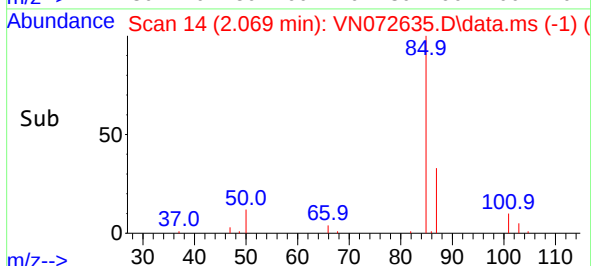
Reviewed By :John Carlone 05/27/2022
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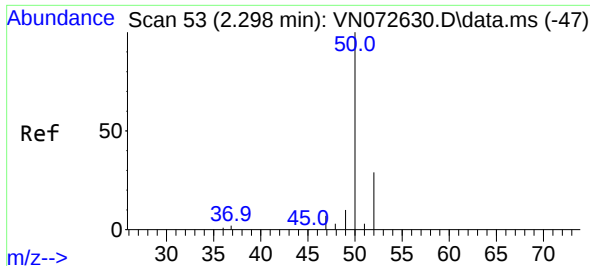


#2
Dichlorodifluoromethane
Concen: 20.391 ug/l
RT: 2.069 min Scan# 14
Delta R.T. 0.000 min
Lab File: VN072635.D
Acq: 26 May 2022 16:46



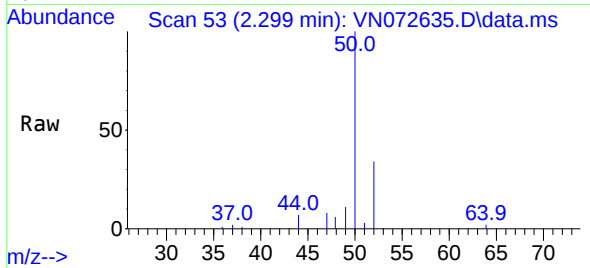
Tgt Ion: 85 Resp: 45306
Ion Ratio Lower Upper
85 100
87 33.5 16.6 49.7





#3
Chloromethane
Concen: 17.515 ug/l
RT: 2.299 min Scan# 51
Delta R.T. 0.000 min
Lab File: VN072635.D
Acq: 26 May 2022 16:46

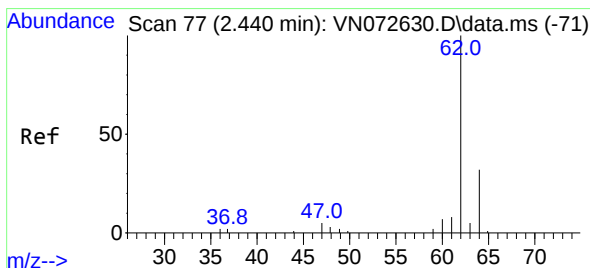
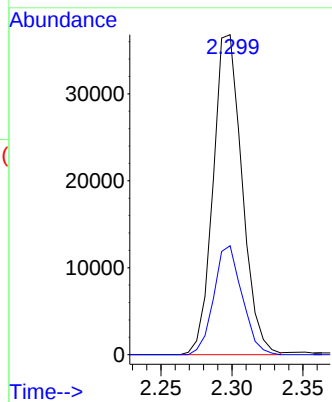
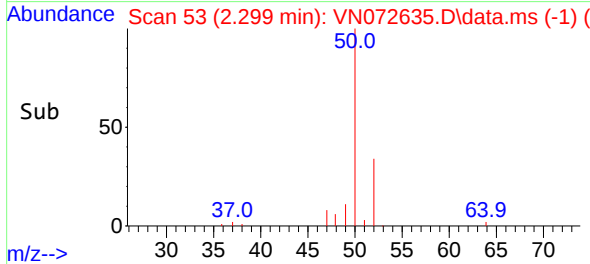
Instrument :
MSVOA_N
ClientSampleId :
ICVVN052622



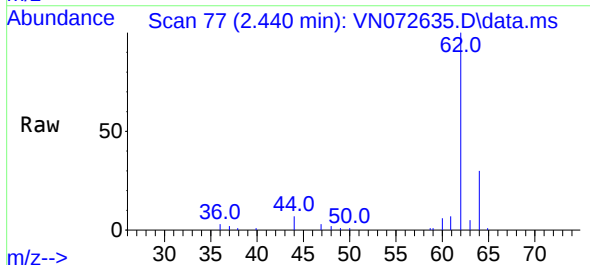
Tgt Ion: 50 Resp: 5218
Ion Ratio Lower Upper
50 100
52 34.1 27.8 41.6

Manual Integrations
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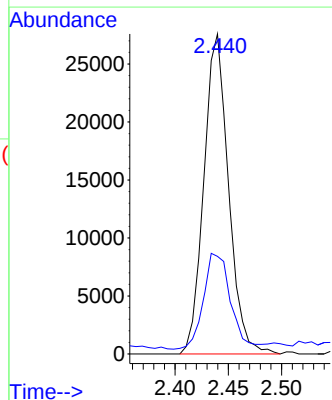
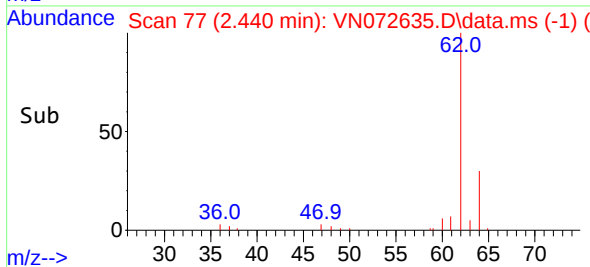
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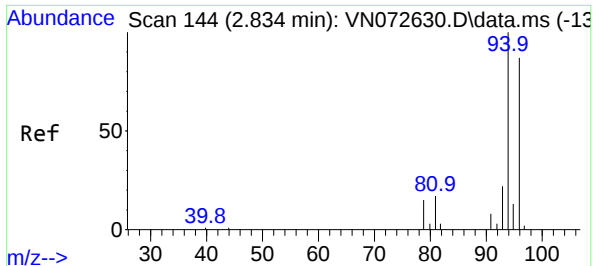


#4
Vinyl Chloride
Concen: 17.855 ug/l
RT: 2.440 min Scan# 77
Delta R.T. 0.000 min
Lab File: VN072635.D
Acq: 26 May 2022 16:46



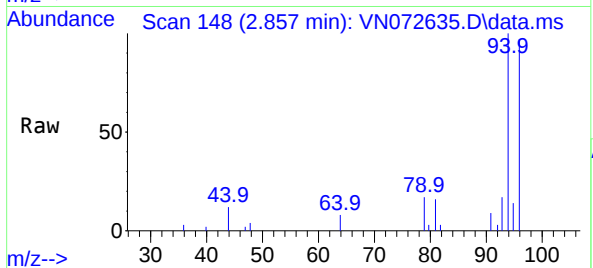
Tgt Ion: 62 Resp: 44476
Ion Ratio Lower Upper
62 100
64 28.8 25.1 37.7





#5
Bromomethane
Concen: 17.973 ug/l
RT: 2.857 min Scan# 144
Delta R.T. 0.024 min
Lab File: VN072635.D
Acq: 26 May 2022 16:46

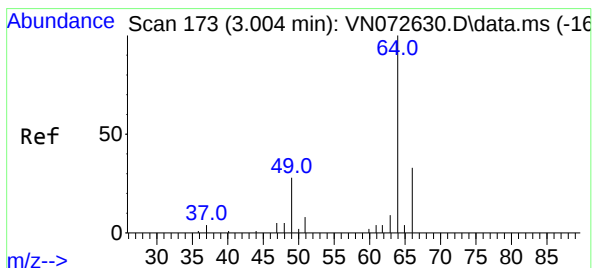
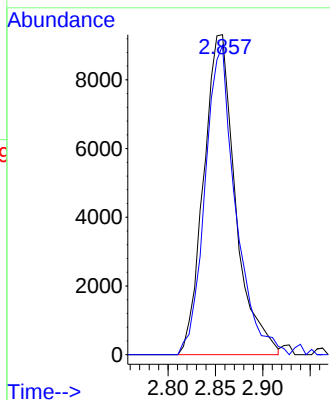
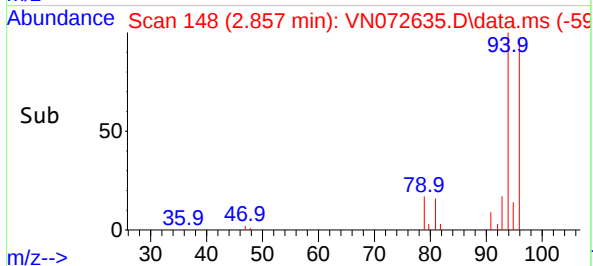
Instrument :
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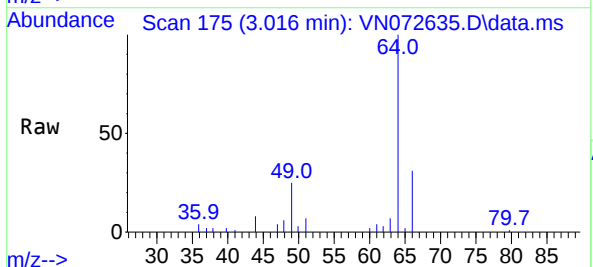
Tgt Ion: 94 Resp: 21770
Ion Ratio Lower Upper
94 100
96 96.6 75.2 112.8

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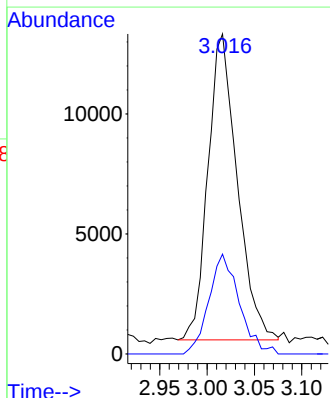
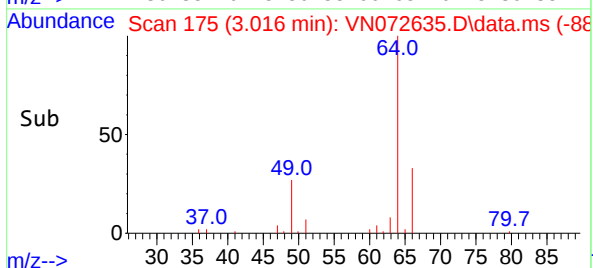
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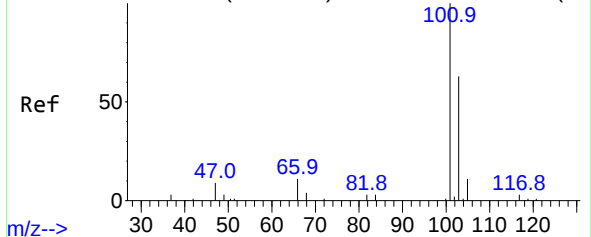
#6
Chloroethane
Concen: 17.567 ug/l
RT: 3.016 min Scan# 175
Delta R.T. 0.012 min
Lab File: VN072635.D
Acq: 26 May 2022 16:46



Tgt Ion: 64 Resp: 27377
Ion Ratio Lower Upper
64 100
66 32.6 24.6 36.8



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



#7

Trichlorofluoromethane

Concen: 20.860 ug/l

RT: 3.375 min Scan# 21

Delta R.T. 0.006 min

Lab File: VN072635.D

Acq: 26 May 2022 16:46

Instrument :

MSVOA_N

ClientSampleId :

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Tgt Ion:101 Resp: 74460

Ion Ratio Lower Upper

101 100

103 65.4 50.1 75.1

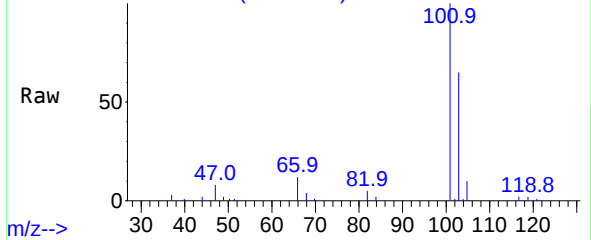
Manual Integrations

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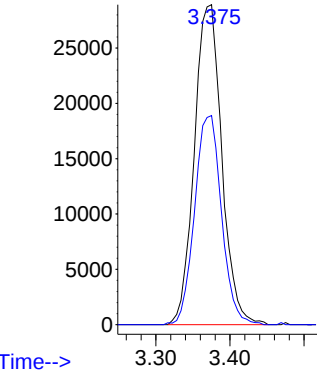
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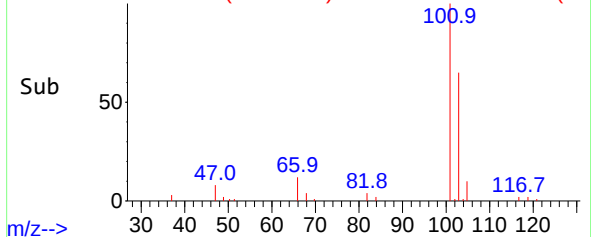
Abundance Scan 236 (3.375 min): VN072635.D\data.ms



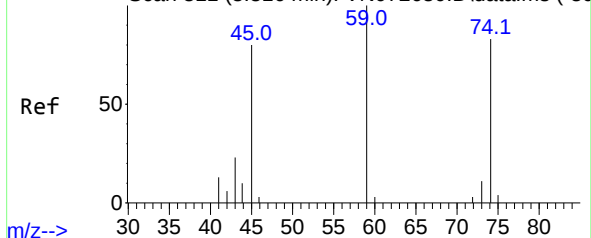
Abundance



Abundance Scan 236 (3.375 min): VN072635.D\data.ms (-15



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



#8

Diethyl Ether

Concen: 20.452 ug/l

RT: 3.822 min Scan# 312

Delta R.T. 0.006 min

Lab File: VN072635.D

Acq: 26 May 2022 16:46

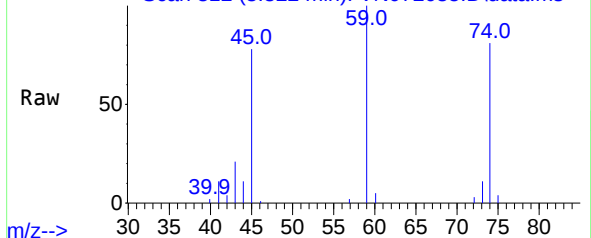
Tgt Ion: 74 Resp: 30632

Ion Ratio Lower Upper

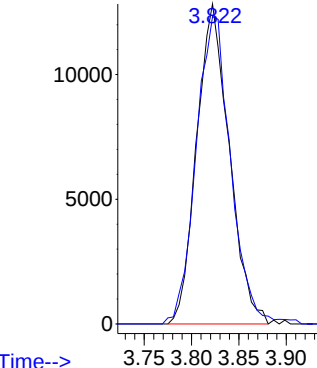
74 100

45 101.7 17.6 158.8

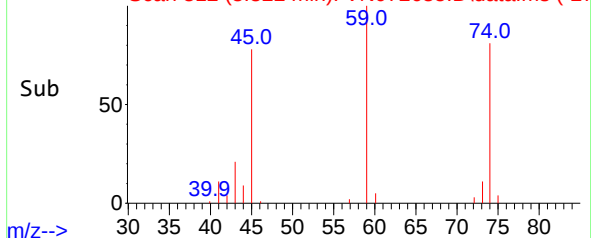
Abundance Scan 312 (3.822 min): VN072635.D\data.ms

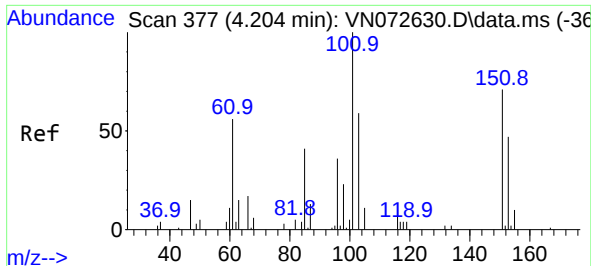


Abundance



Abundance Scan 312 (3.822 min): VN072635.D\data.ms (-27





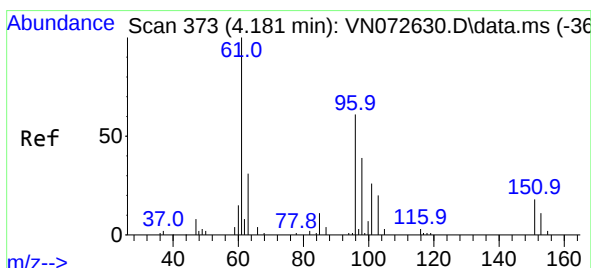
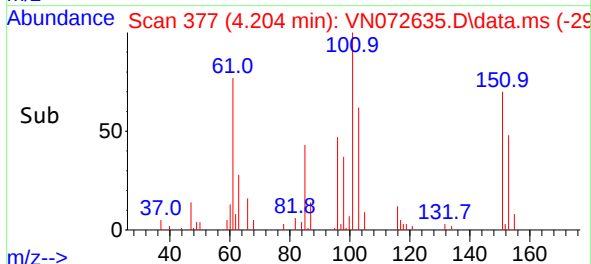
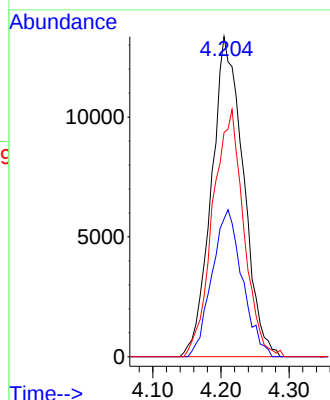
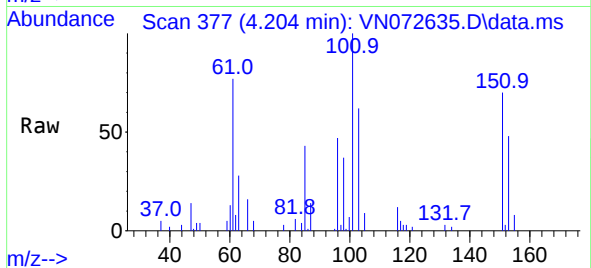
#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.787 ug/l
RT: 4.204 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN072635.D
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Instrument :
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ICVVN052622

Tgt Ion:101 Resp: 4344
Ion Ratio Lower Upper
101 100
85 43.7 0.0 94.0
151 75.1 0.0 74.6

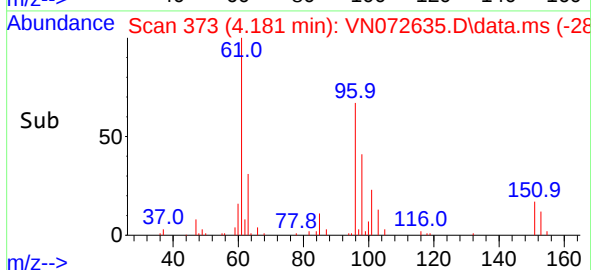
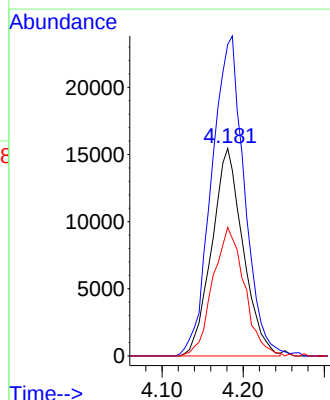
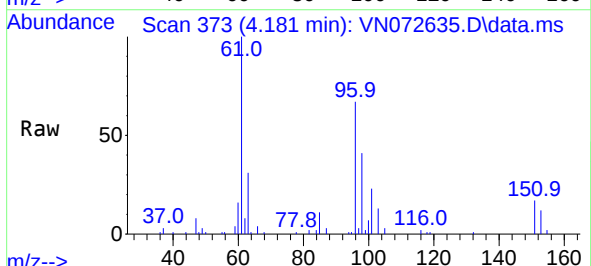
Manual Integrations
APPROVED

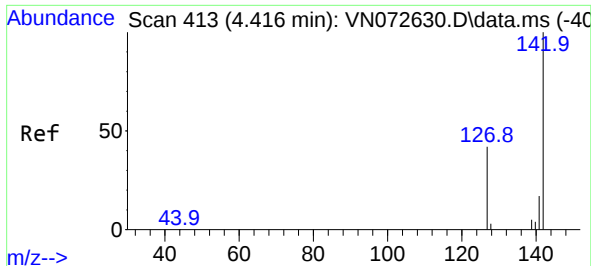
Reviewed By :John Carlone 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022



#10
1,1-Dichloroethene
Concen: 21.121 ug/l
RT: 4.181 min Scan# 373
Delta R.T. 0.000 min
Lab File: VN072635.D
Acq: 26 May 2022 16:46

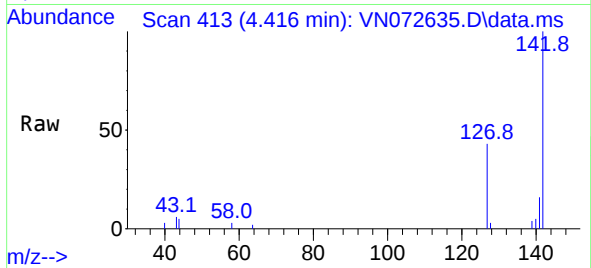
Tgt Ion: 96 Resp: 41356
Ion Ratio Lower Upper
96 100
61 149.1 126.2 189.4
98 62.0 50.9 76.3





#11
Methyl Iodide
Concen: 18.813 ug/l
RT: 4.416 min Scan# 413
Delta R.T. 0.000 min
Lab File: VN072635.D
Acq: 26 May 2022 16:46

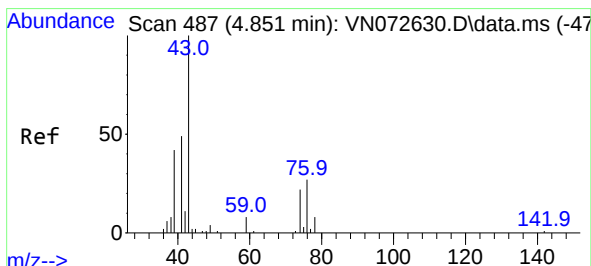
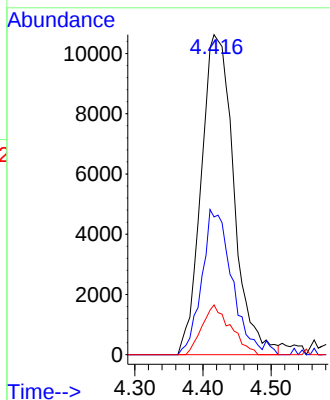
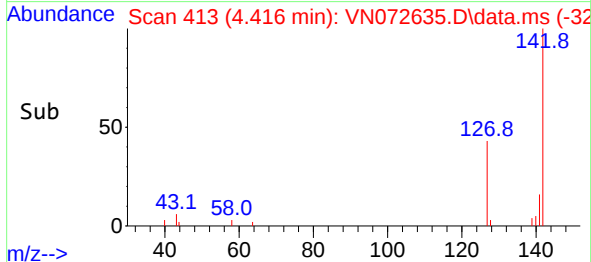
Instrument :
MSVOA_N
ClientSampleId :
ICVVN052622



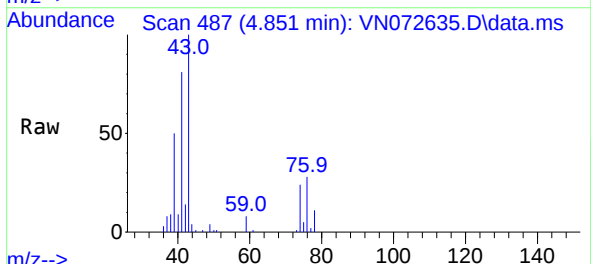
Tgt Ion:142 Resp: 35269
Ion Ratio Lower Upper
142 100
127 47.0 24.0 72.0
141 15.8 8.4 25.2

Manual Integrations
APPROVED

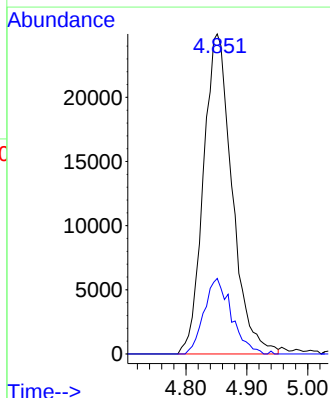
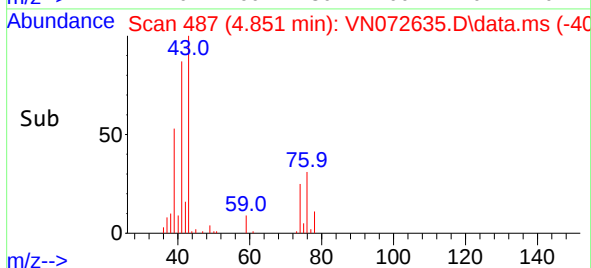
Reviewed By :John Carlone 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022

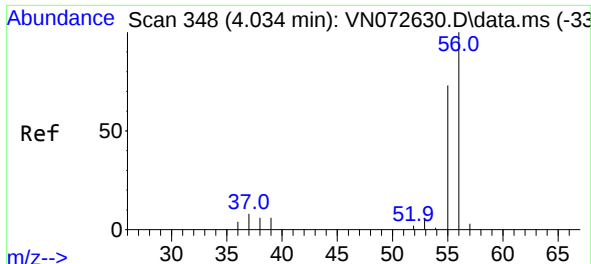


#12
Methyl Acetate
Concen: 21.254 ug/l
RT: 4.851 min Scan# 487
Delta R.T. 0.000 min
Lab File: VN072635.D
Acq: 26 May 2022 16:46



Tgt Ion: 43 Resp: 81673
Ion Ratio Lower Upper
43 100
74 23.8 20.8 31.2





#13

Acrolein

Concen: 96.619 ug/l

RT: 4.040 min Scan# 348

Delta R.T. 0.006 min

Lab File: VN072635.D

Acq: 26 May 2022 16:46

Instrument :

MSVOA_N

ClientSampleId :

ICVVN052622

Tgt Ion: 56 Resp: 42520

Ion Ratio Lower Upper

56 100

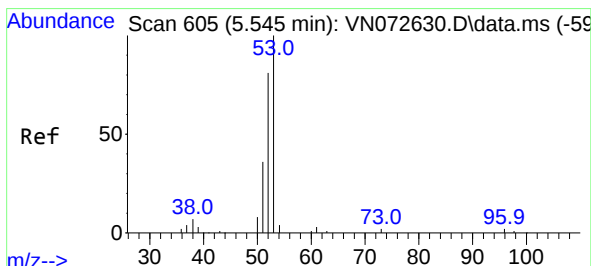
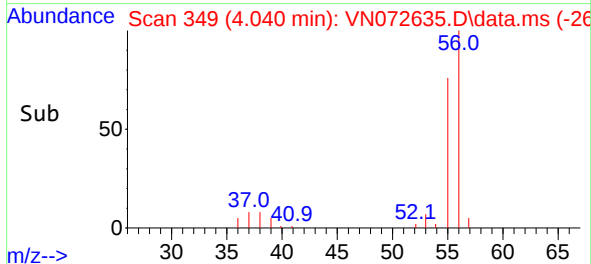
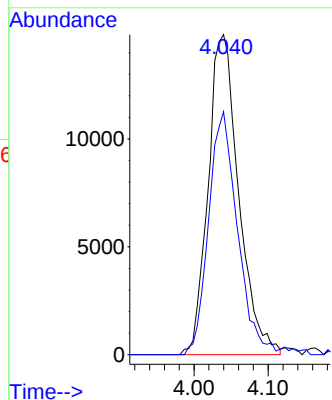
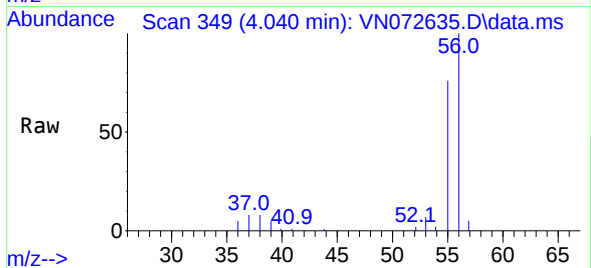
55 70.9 57.6 86.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/27/2022

Supervised By :Mahesh Dadoda 05/27/2022



#14

Acrylonitrile

Concen: 106.826 ug/l

RT: 5.551 min Scan# 606

Delta R.T. 0.006 min

Lab File: VN072635.D

Acq: 26 May 2022 16:46

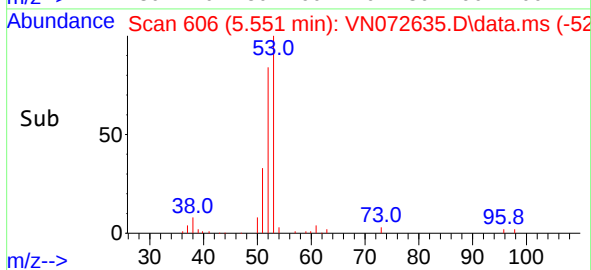
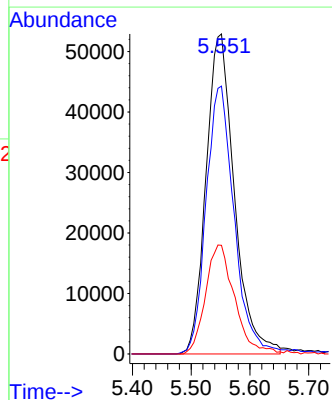
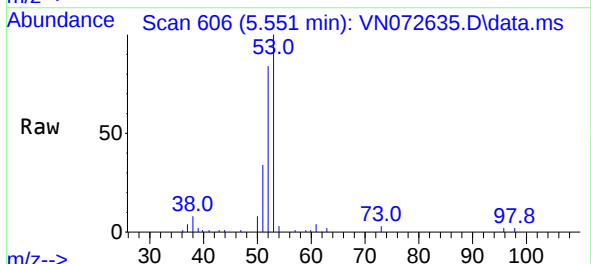
Tgt Ion: 53 Resp: 176826

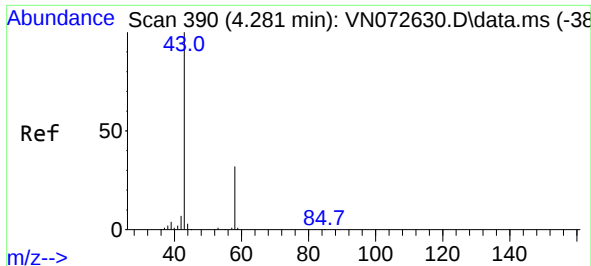
Ion Ratio Lower Upper

53 100

52 81.5 41.8 125.4

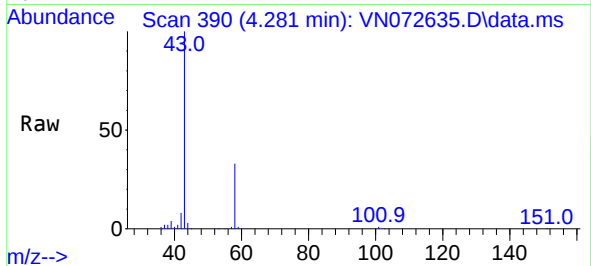
51 34.9 19.0 57.0





#15
Acetone
Concen: 113.187 ug/l
RT: 4.281 min Scan# 390
Delta R.T. 0.000 min
Lab File: VN072635.D
Acq: 26 May 2022 16:46

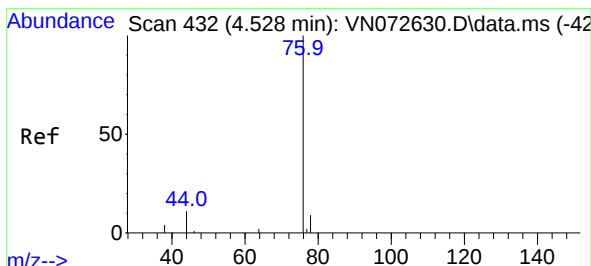
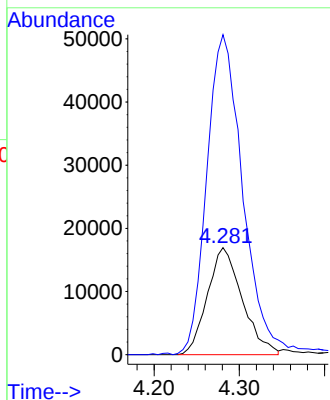
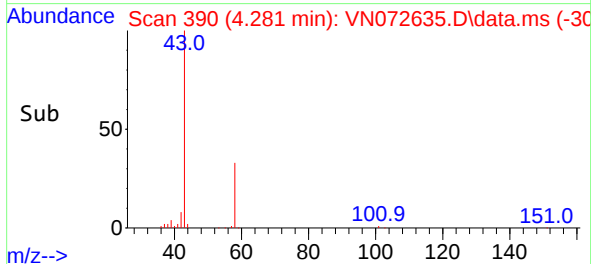
Instrument :
MSVOA_N
ClientSampleId :
ICVVN052622



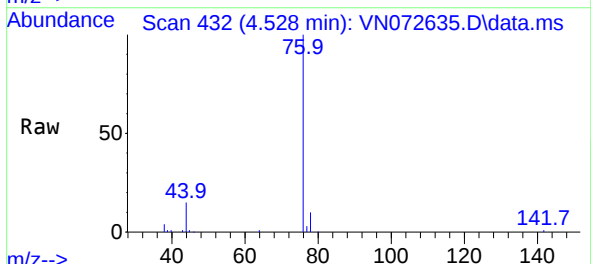
Tgt Ion: 58 Resp: 48230
Ion Ratio Lower Upper
58 100
43 297.8 256.6 384.8

Manual Integrations
APPROVED

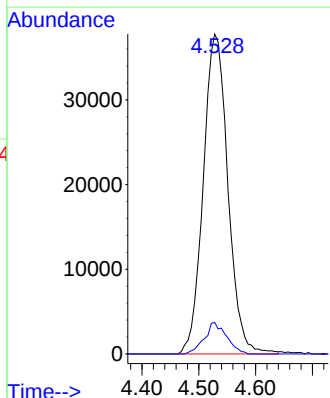
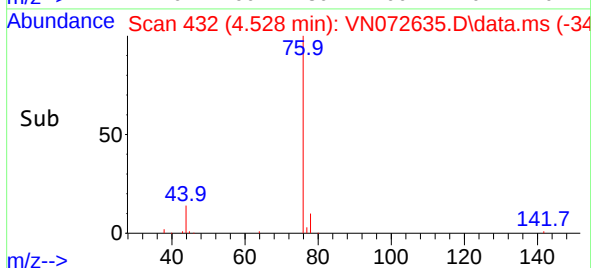
Reviewed By :John Carlone 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022

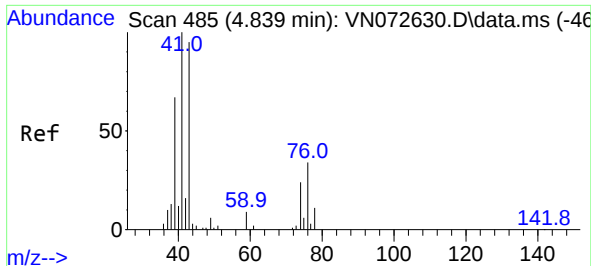


#16
Carbon Disulfide
Concen: 21.185 ug/l
RT: 4.528 min Scan# 432
Delta R.T. 0.000 min
Lab File: VN072635.D
Acq: 26 May 2022 16:46



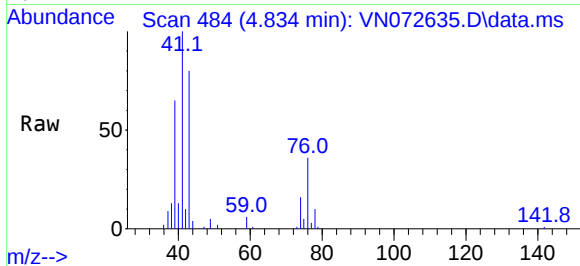
Tgt Ion: 76 Resp: 113778
Ion Ratio Lower Upper
76 100
78 9.9 7.8 11.8





#17
Allyl chloride
Concen: 21.201 ug/l
RT: 4.834 min Scan# 41
Delta R.T. -0.006 min
Lab File: VN072635.D
Acq: 26 May 2022 16:46

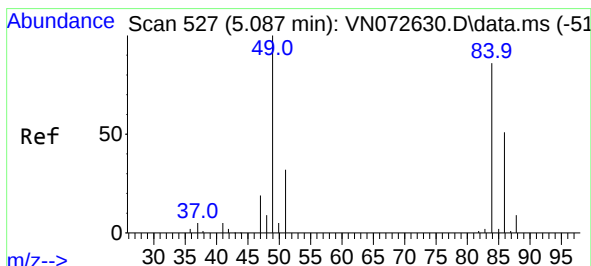
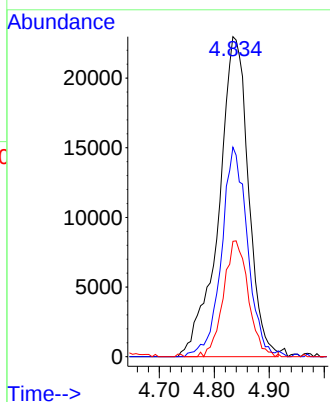
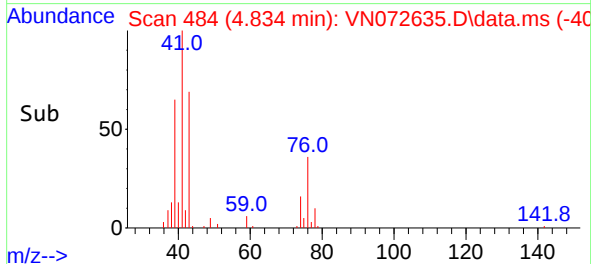
Instrument :
MSVOA_N
ClientSampleId :
ICVVN052622



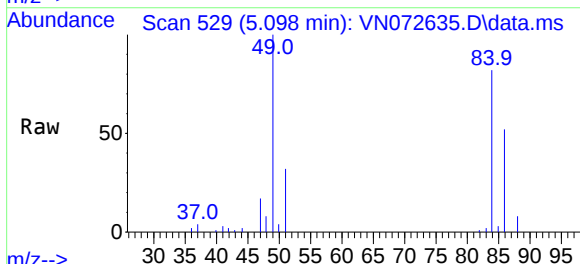
Tgt Ion: 41 Resp: 8624
Ion Ratio Lower Upper
41 100
39 65.4 44.6 134.0
76 35.3 19.6 58.7

Manual Integrations
APPROVED

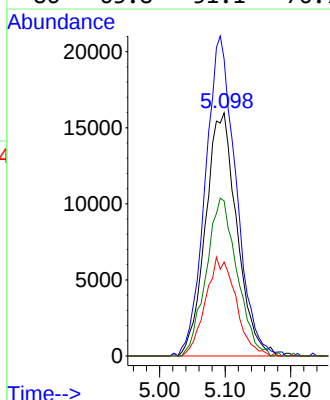
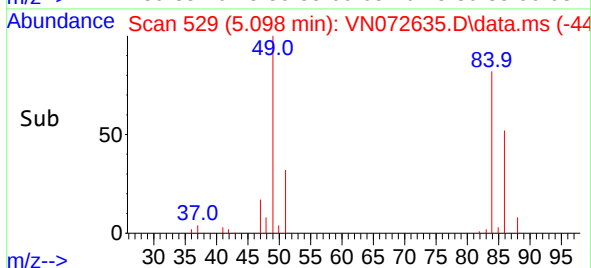
Reviewed By :John Carlone 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022

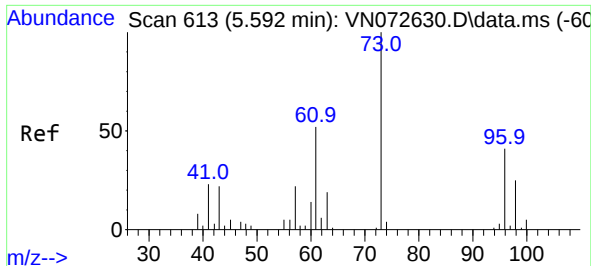


#18
Methylene Chloride
Concen: 20.573 ug/l
RT: 5.098 min Scan# 529
Delta R.T. 0.012 min
Lab File: VN072635.D
Acq: 26 May 2022 16:46



Tgt Ion: 84 Resp: 52959
Ion Ratio Lower Upper
84 100
49 122.1 91.4 137.0
51 38.7 29.4 44.0
86 63.8 51.1 76.7





#19

trans-1,2-Dichloroethene

Concen: 21.012 ug/l

RT: 5.587 min Scan# 61

Delta R.T. -0.006 min

Lab File: VN072635.D

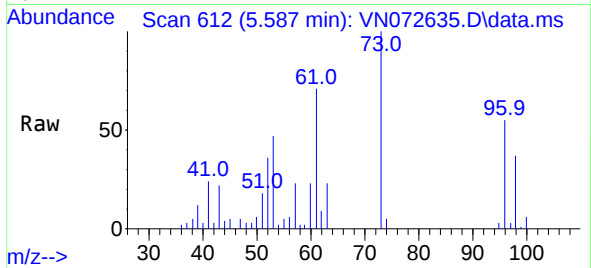
Acq: 26 May 2022 16:46

Instrument :

MSVOA_N

ClientSampleId :

ICVVN052622



Tgt Ion: 96 Resp: 45000

Ion Ratio Lower Upper

96 100

61 127.0 102.8 154.2

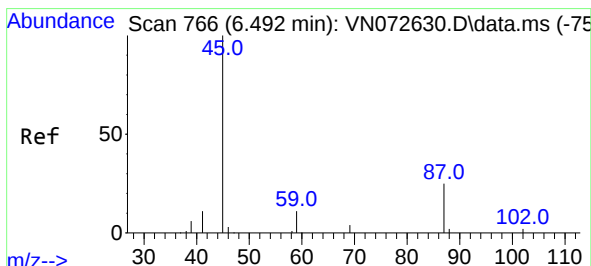
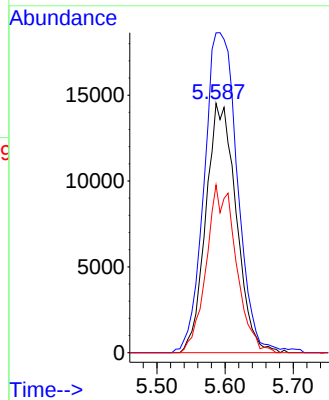
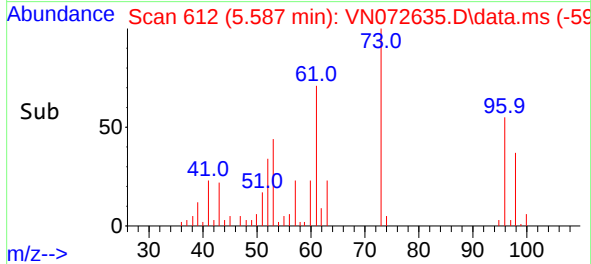
98 67.3 49.3 73.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/27/2022

Supervised By :Mahesh Dadoda 05/27/2022



#20

Diisopropyl ether

Concen: 19.437 ug/l

RT: 6.487 min Scan# 765

Delta R.T. -0.006 min

Lab File: VN072635.D

Acq: 26 May 2022 16:46

Tgt Ion: 45 Resp: 181292

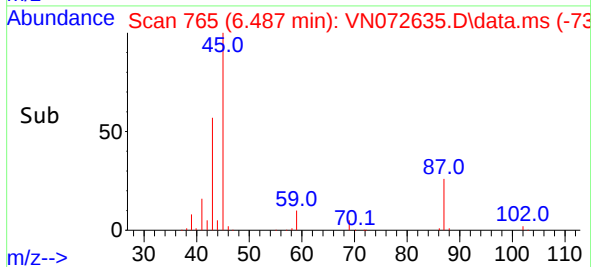
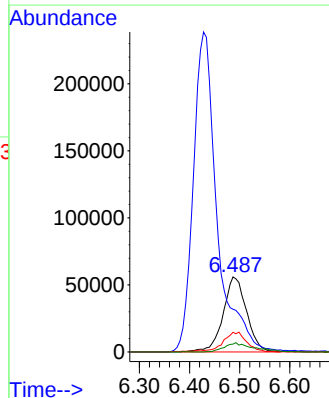
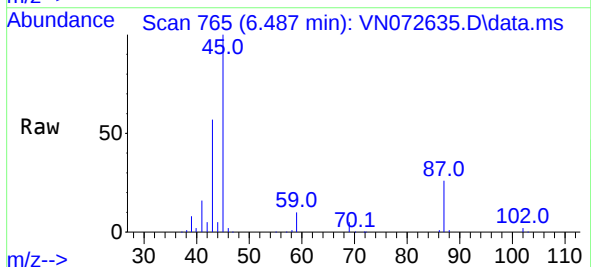
Ion Ratio Lower Upper

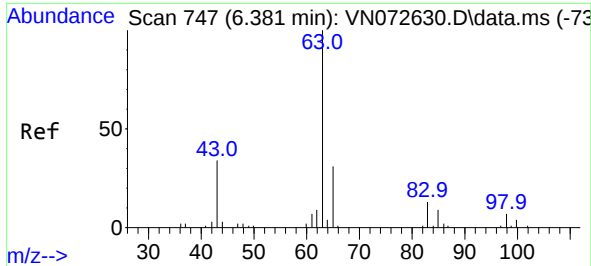
45 100

43 54.2 51.0 76.4

87 26.2 25.0 37.4

59 10.4 8.7 13.1





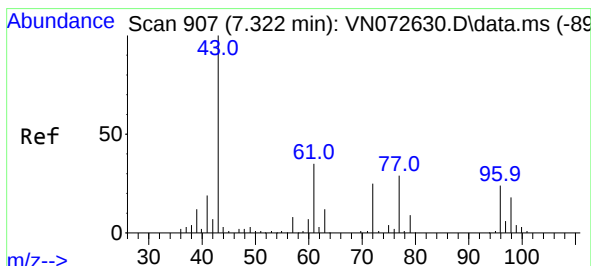
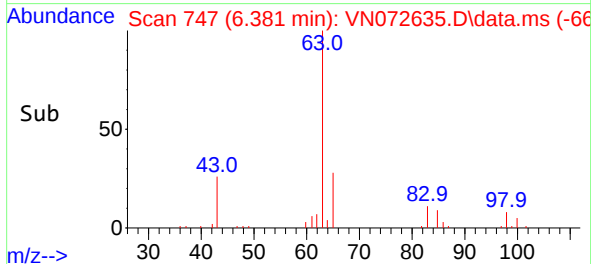
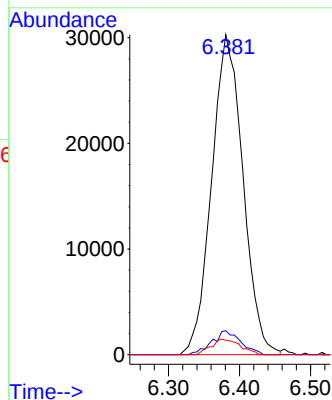
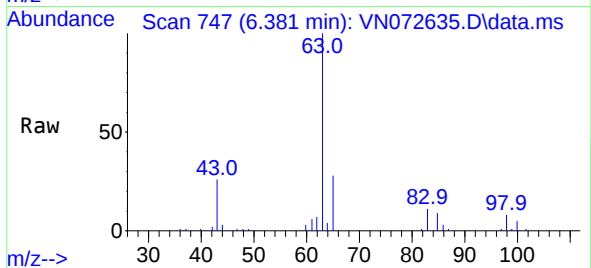
#21
1,1-Dichloroethane
Concen: 19.535 ug/l
RT: 6.381 min Scan# 747
Delta R.T. 0.000 min
Lab File: VN072635.D
Acq: 26 May 2022 16:46

Instrument :
MSVOA_N
ClientSampleId :
ICVVN052622

Tgt Ion: 63 Resp: 92749
Ion Ratio Lower Upper
63 100
98 7.5 3.2 9.6
100 4.5 2.1 6.2

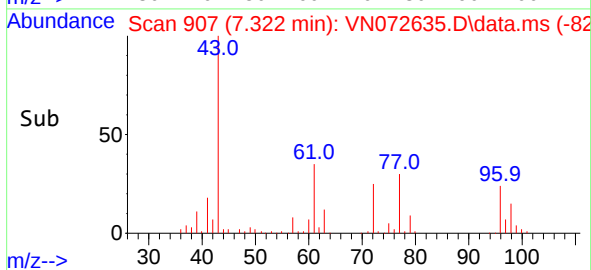
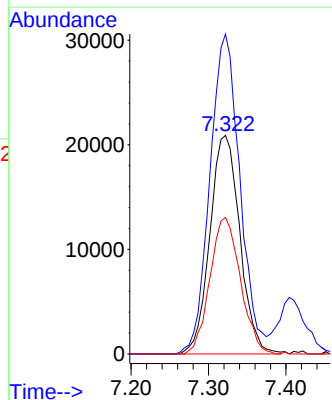
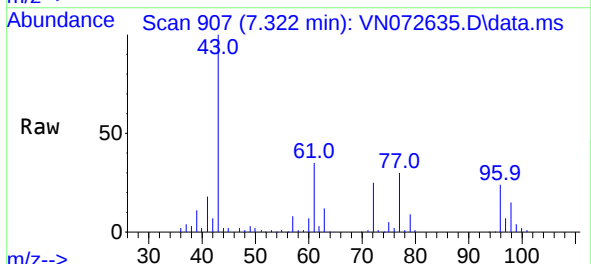
Manual Integrations
APPROVED

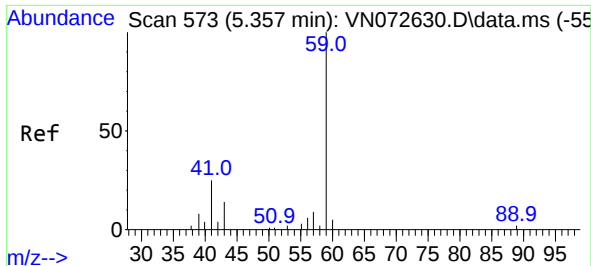
Reviewed By :John Carlone 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022



#22
cis-1,2-Dichloroethene
Concen: 20.674 ug/l
RT: 7.322 min Scan# 907
Delta R.T. 0.000 min
Lab File: VN072635.D
Acq: 26 May 2022 16:46

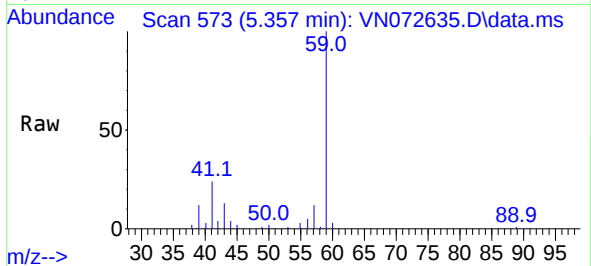
Tgt Ion: 96 Resp: 56234
Ion Ratio Lower Upper
96 100
61 146.6 115.7 173.5
98 63.2 51.6 77.4





#23
tert-Butyl Alcohol
Concen: 103.573 ug/l
RT: 5.357 min Scan# 573
Delta R.T. 0.000 min
Lab File: VN072635.D
Acq: 26 May 2022 16:46

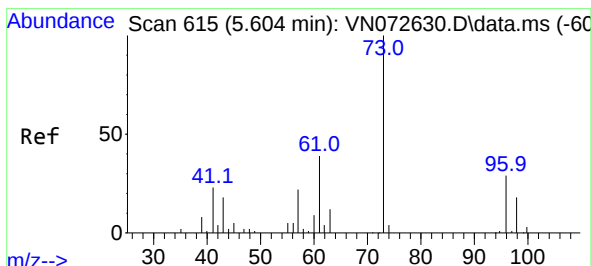
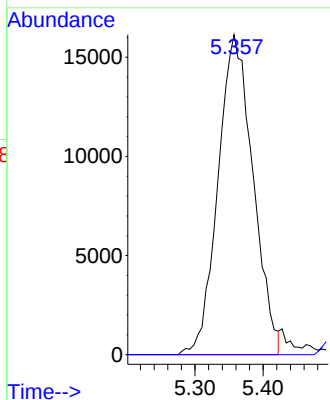
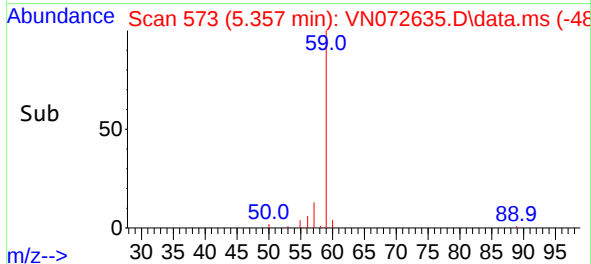
Instrument :
MSVOA_N
ClientSampleId :
ICVVN052622



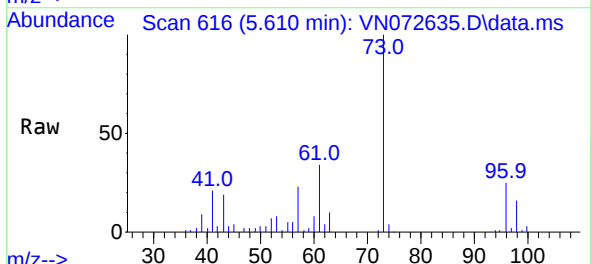
Tgt Ion: 59 Resp: 57549
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

Manual Integrations
APPROVED

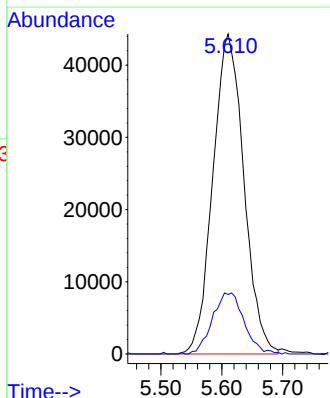
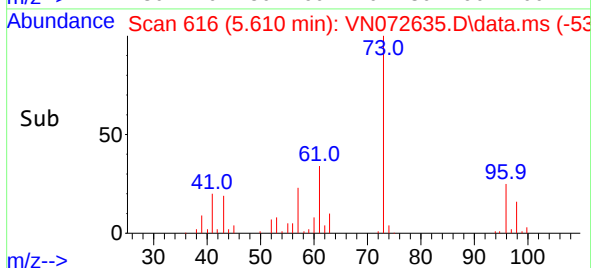
Reviewed By :John Carlone 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022

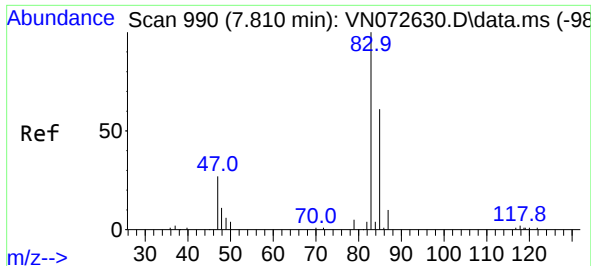


#24
Methyl tert-Butyl Ether
Concen: 20.810 ug/l
RT: 5.610 min Scan# 616
Delta R.T. 0.006 min
Lab File: VN072635.D
Acq: 26 May 2022 16:46



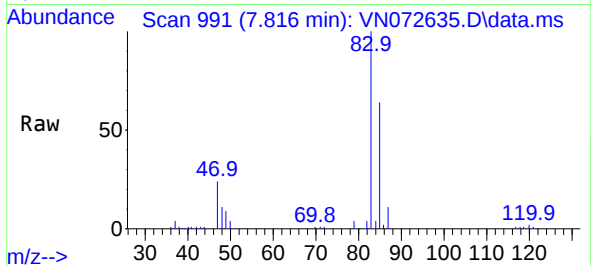
Tgt Ion: 73 Resp: 156540
Ion Ratio Lower Upper
73 100
43 19.1 18.1 27.1





#25
Chloroform
Concen: 19.040 ug/l
RT: 7.816 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN072635.D
Acq: 26 May 2022 16:46

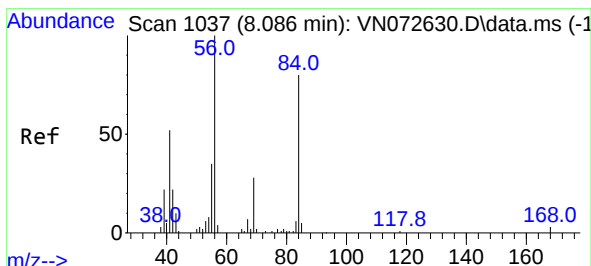
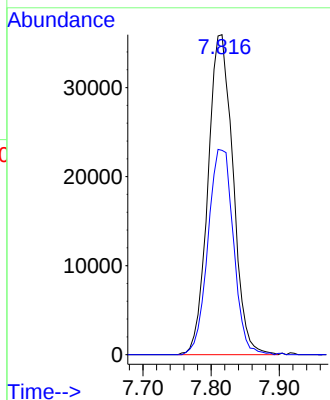
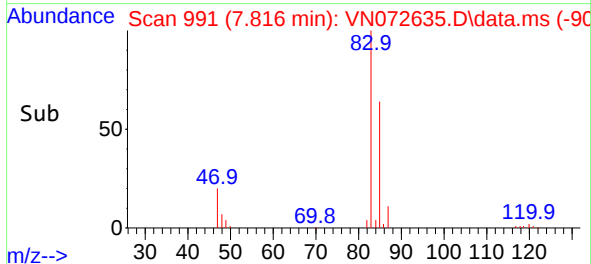
Instrument :
MSVOA_N
ClientSampleId :
ICVVN052622



Tgt Ion: 83 Resp: 91844
Ion Ratio Lower Upper
83 100
85 63.8 51.3 76.9

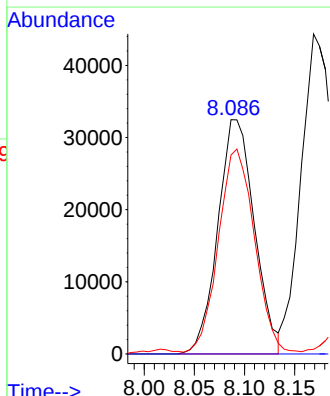
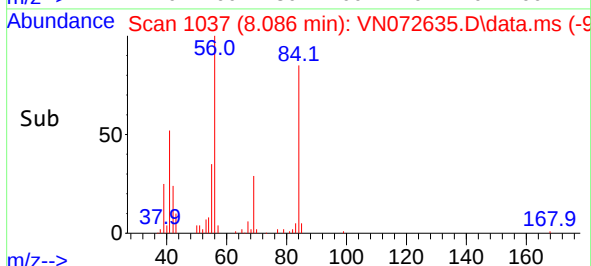
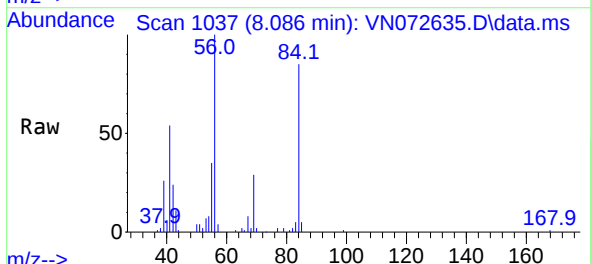
Manual Integrations
APPROVED

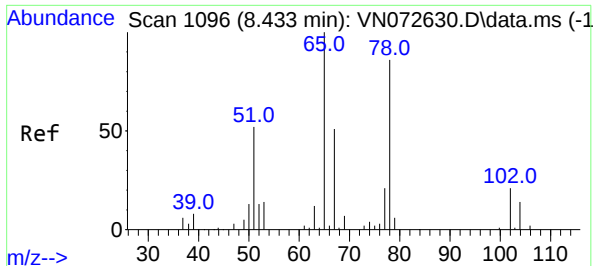
Reviewed By :John Carlone 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022



#26
Cyclohexane
Concen: 18.411 ug/l
RT: 8.086 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VN072635.D
Acq: 26 May 2022 16:46

Tgt Ion: 56 Resp: 82445
Ion Ratio Lower Upper
56 100
89 0.0 0.1 0.1#
84 87.2 74.6 111.8





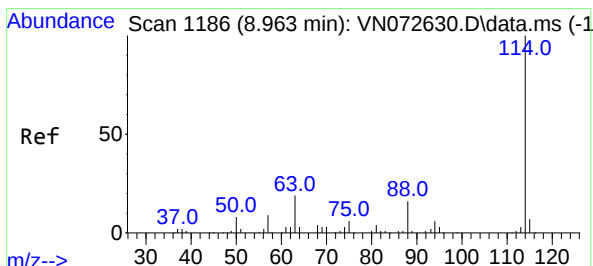
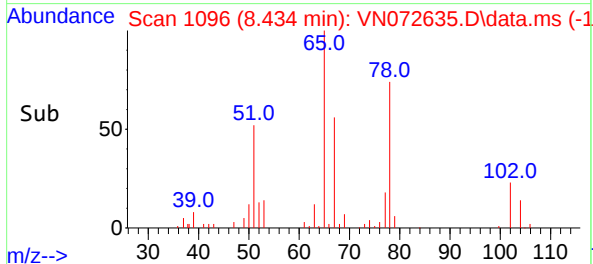
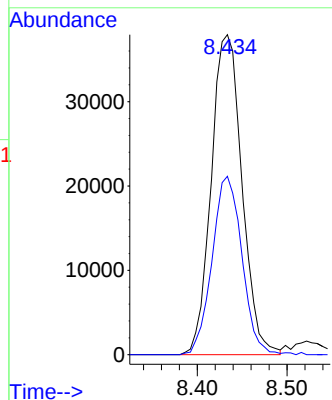
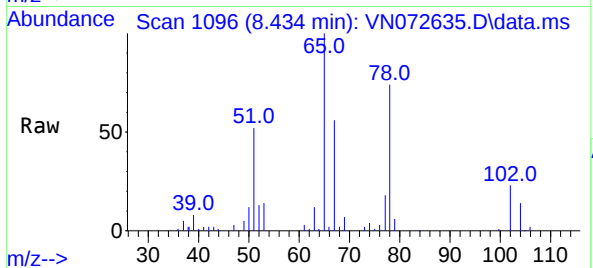
#27
1,2-Dichloroethane-d4
Concen: 29.025 ug/l
RT: 8.434 min Scan# 1096
Delta R.T. 0.000 min
Lab File: VN072635.D
Acq: 26 May 2022 16:46

Instrument :
MSVOA_N
ClientSampleId :
ICVVN052622

Tgt Ion: 65 Resp: 9030
Ion Ratio Lower Upper
65 100
67 54.0 40.2 60.2

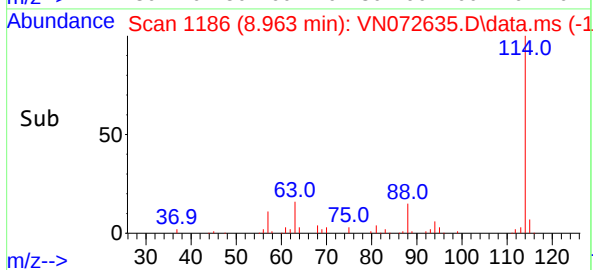
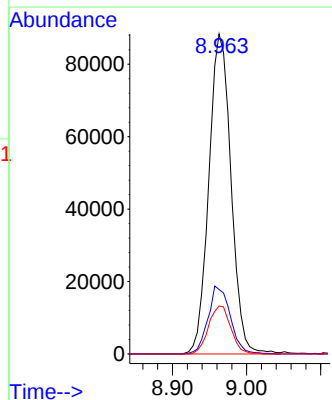
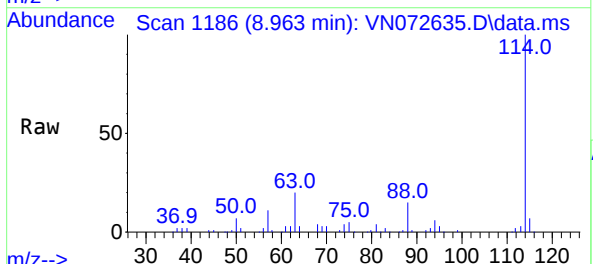
Manual Integrations
APPROVED

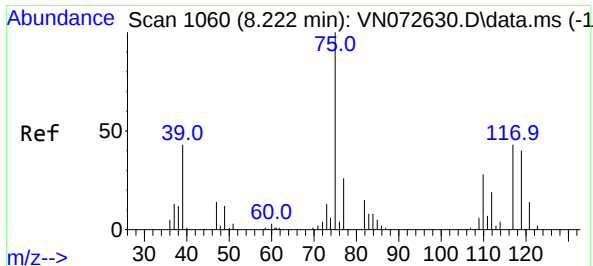
Reviewed By :John Carlone 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. 0.000 min
Lab File: VN072635.D
Acq: 26 May 2022 16:46

Tgt Ion:114 Resp: 183830
Ion Ratio Lower Upper
114 100
63 21.3 15.8 23.6
88 15.0 11.6 17.4





#29
1,1-Dichloropropene
Concen: 19.318 ug/l
RT: 8.216 min Scan# 1059
Delta R.T. -0.006 min
Lab File: VN072635.D
Acq: 26 May 2022 16:46

Instrument :

MSVOA_N

ClientSampleId :

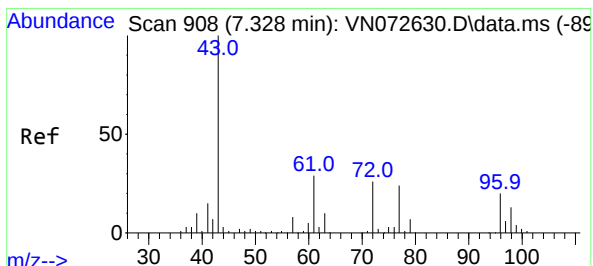
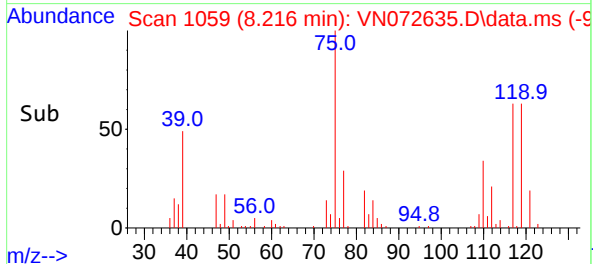
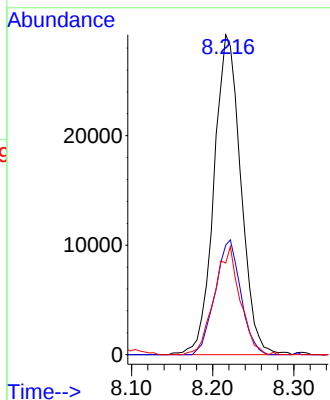
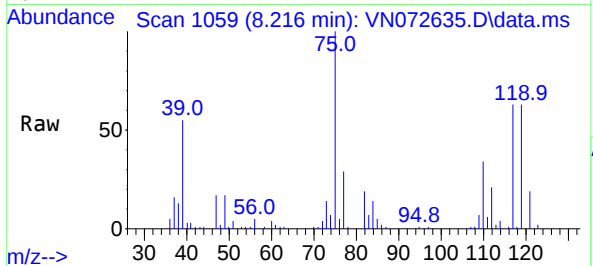
ICVVN052622

Tgt Ion: 75 Resp: 67158
Ion Ratio Lower Upper
75 100
110 34.2 0.0 74.2
77 32.4 0.0 63.2

Manual Integrations

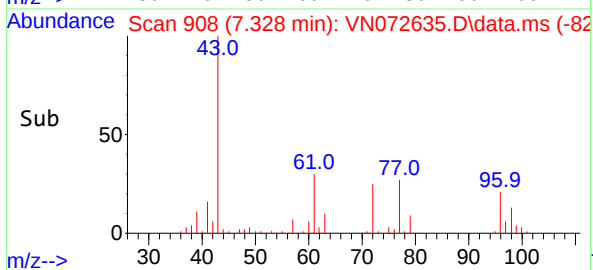
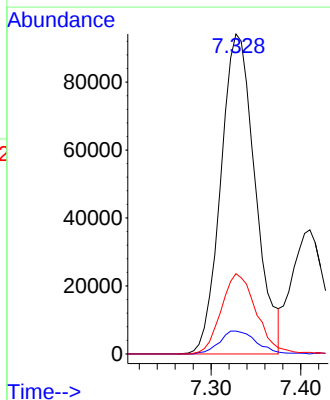
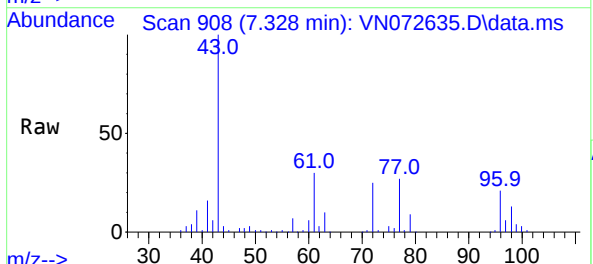
APPROVED

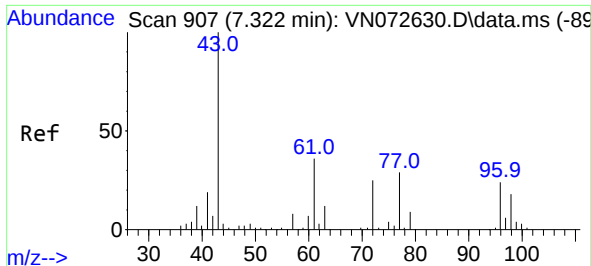
Reviewed By :John Carlone 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022



#30
2-Butanone
Concen: 107.066 ug/l
RT: 7.328 min Scan# 908
Delta R.T. 0.000 min
Lab File: VN072635.D
Acq: 26 May 2022 16:46

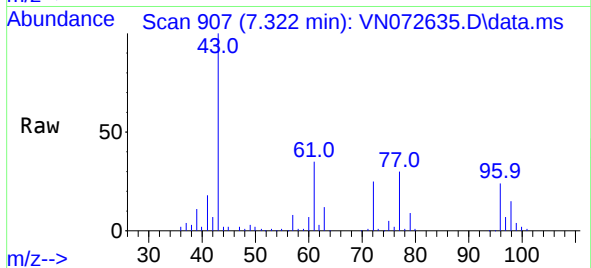
Tgt Ion: 43 Resp: 250647
Ion Ratio Lower Upper
43 100
57 7.6 6.7 10.1
72 25.5 23.2 34.8





#31
2,2-Dichloropropane
Concen: 21.235 ug/l
RT: 7.322 min Scan# 907
Delta R.T. 0.000 min
Lab File: VN072635.D
Acq: 26 May 2022 16:46

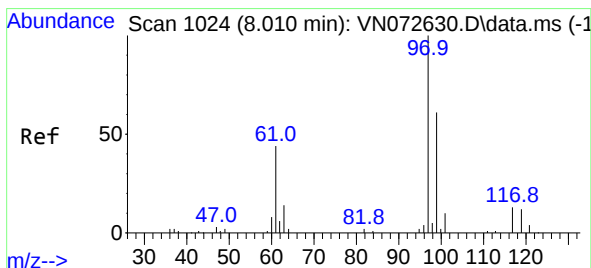
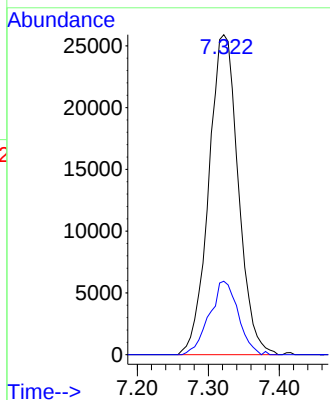
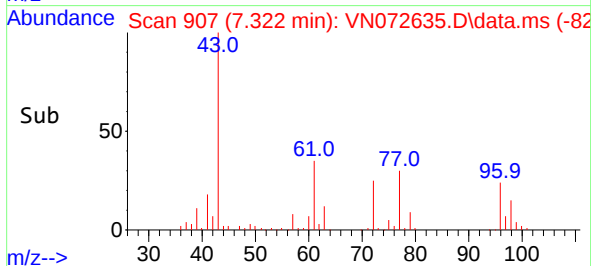
Instrument :
MSVOA_N
ClientSampleId :
ICV052622



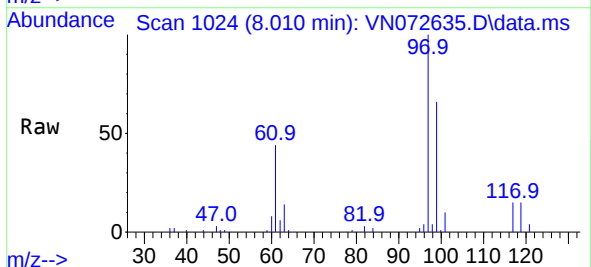
Tgt Ion: 77 Resp: 74771
Ion Ratio Lower Upper
77 100
97 22.3 18.3 27.5

Manual Integrations
APPROVED

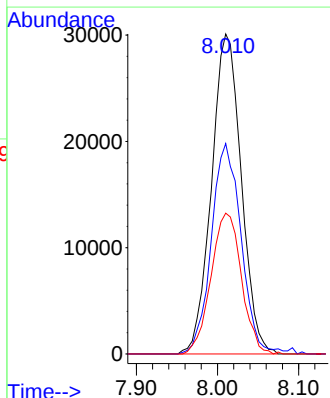
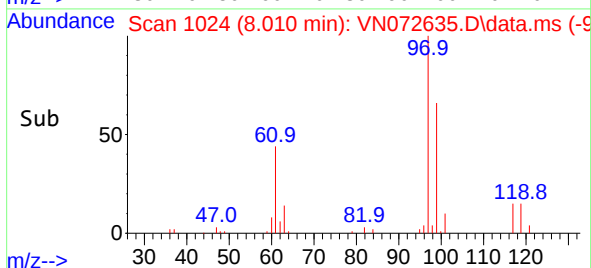
Reviewed By :John Carlone 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022

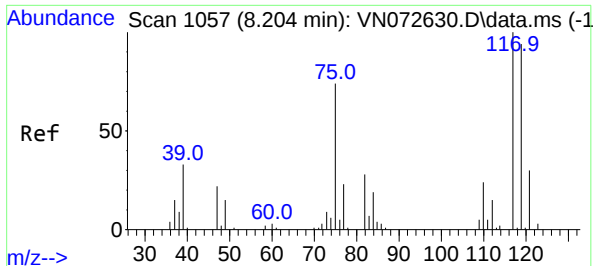


#32
1,1,1-Trichloroethane
Concen: 19.906 ug/l
RT: 8.010 min Scan# 1024
Delta R.T. 0.000 min
Lab File: VN072635.D
Acq: 26 May 2022 16:46



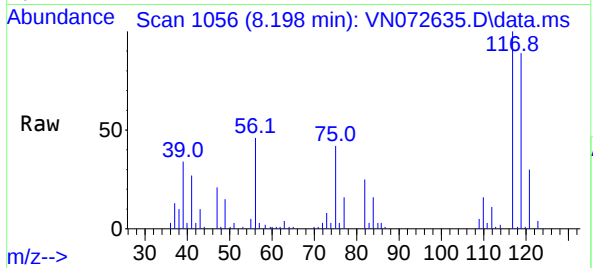
Tgt Ion: 97 Resp: 76771
Ion Ratio Lower Upper
97 100
99 65.4 50.4 75.6
61 45.0 34.6 51.8





#33
Carbon Tetrachloride
Concen: 18.723 ug/l
RT: 8.198 min Scan# 1100
Delta R.T. -0.006 min
Lab File: VN072635.D
Acq: 26 May 2022 16:46

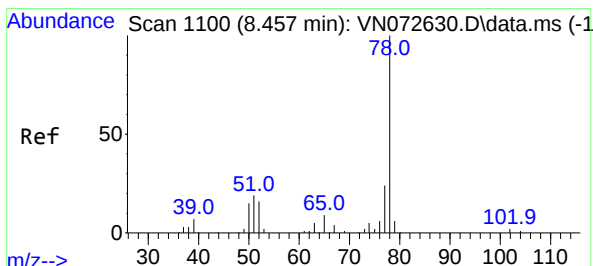
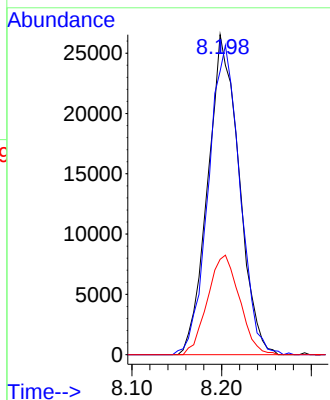
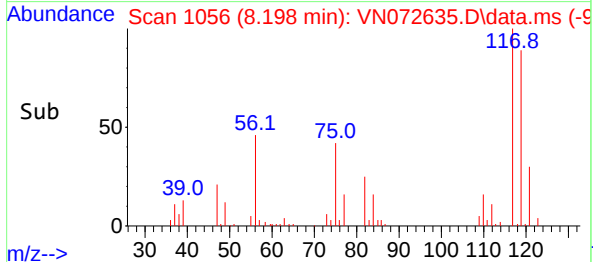
Instrument :
MSVOA_N
ClientSampleId :
ICVVN052622



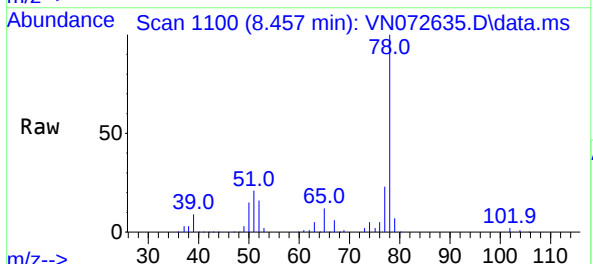
Tgt Ion:117 Resp: 6411
Ion Ratio Lower Upper
117 100
119 87.5 77.5 116.3
121 29.8 23.5 35.3

Manual Integrations
APPROVED

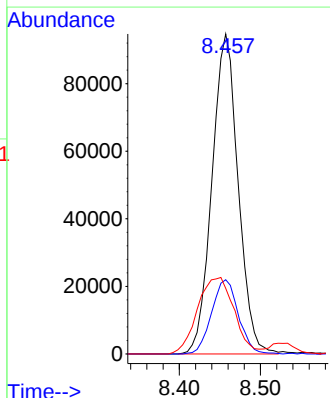
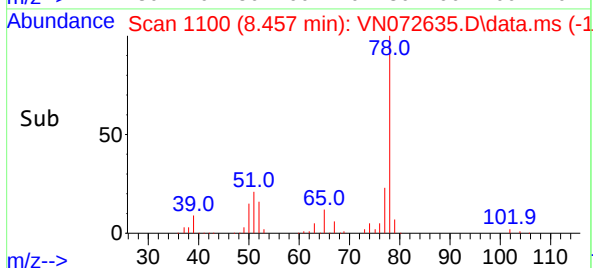
Reviewed By :John Carlone 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022

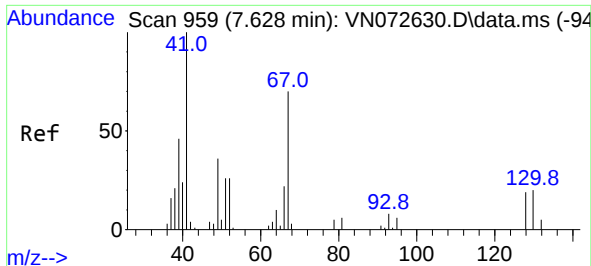


#34
Benzene
Concen: 19.418 ug/l
RT: 8.457 min Scan# 1100
Delta R.T. 0.000 min
Lab File: VN072635.D
Acq: 26 May 2022 16:46



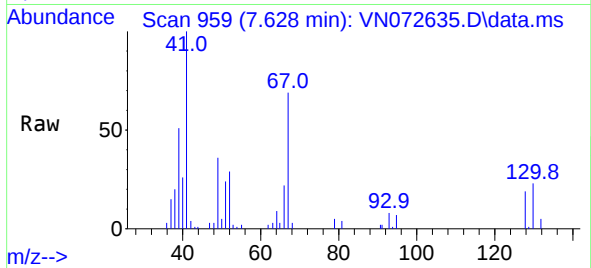
Tgt Ion: 78 Resp: 212207
Ion Ratio Lower Upper
78 100
77 23.2 19.1 28.7
51 19.2 16.0 24.0





#35
Methacrylonitrile
Concen: 18.724 ug/l
RT: 7.628 min Scan# 959
Delta R.T. 0.000 min
Lab File: VN072635.D
Acq: 26 May 2022 16:46

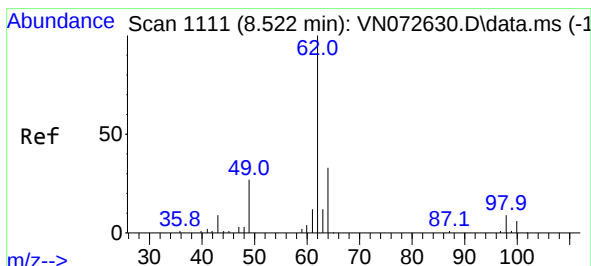
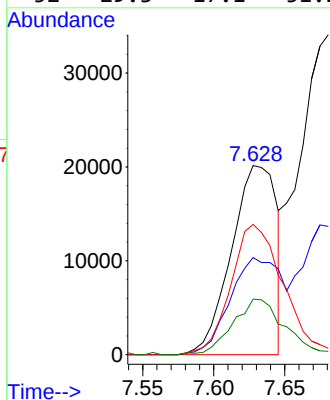
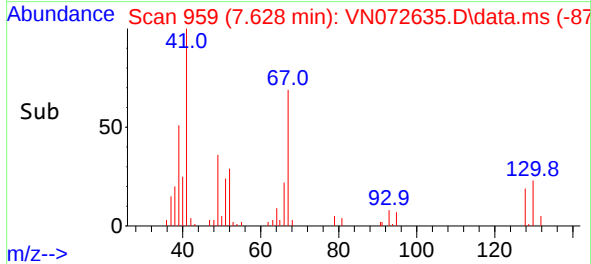
Instrument :
MSVOA_N
ClientSampleId :
ICVVN052622



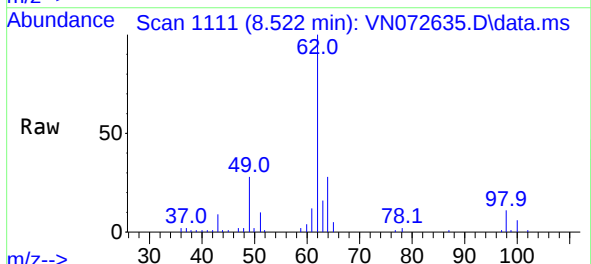
Tgt Ion: 41 Resp: 44710
Ion Ratio Lower Upper
41 100
39 51.4 28.0 83.9
67 68.9 37.7 113.1
52 29.3 17.1 51.2

Manual Integrations
APPROVED

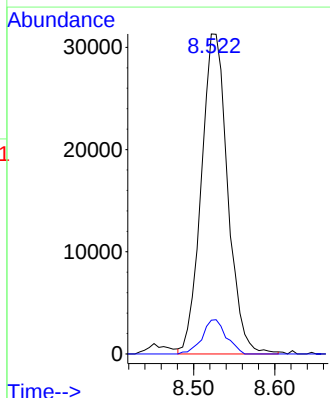
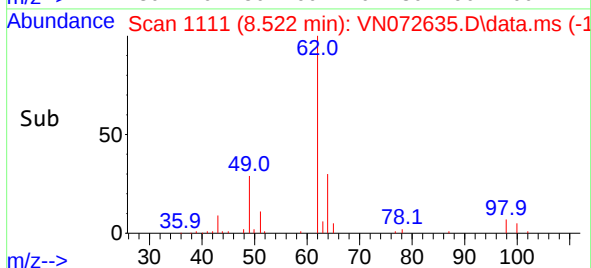
Reviewed By :John Carlone 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022

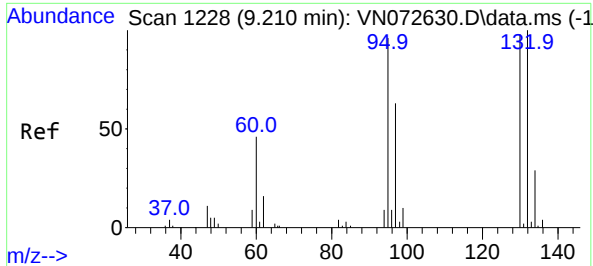


#36
1,2-Dichloroethane
Concen: 19.932 ug/l
RT: 8.522 min Scan# 1111
Delta R.T. 0.000 min
Lab File: VN072635.D
Acq: 26 May 2022 16:46



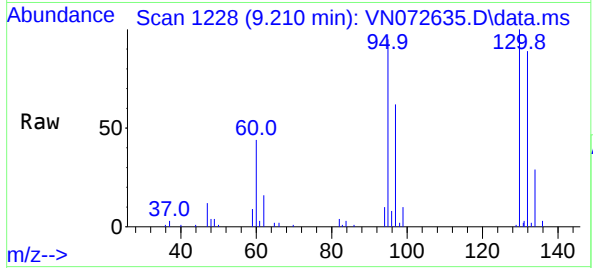
Tgt Ion: 62 Resp: 70780
Ion Ratio Lower Upper
62 100
98 9.7 6.6 10.0





#37
Trichloroethene
Concen: 18.807 ug/l
RT: 9.210 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VN072635.D
Acq: 26 May 2022 16:46

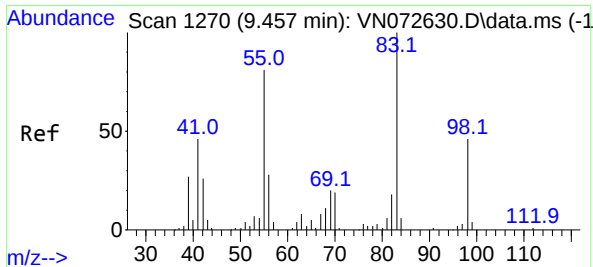
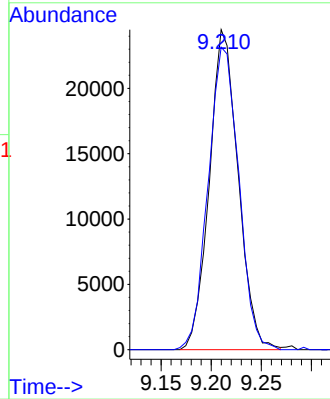
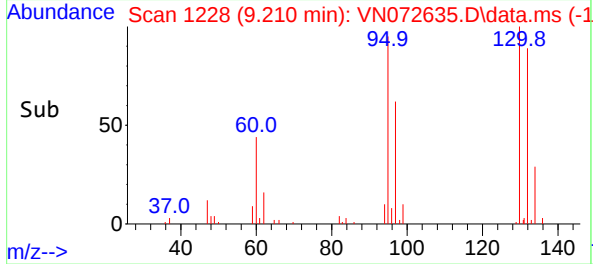
Instrument :
MSVOA_N
ClientSampleId :
ICVVN052622



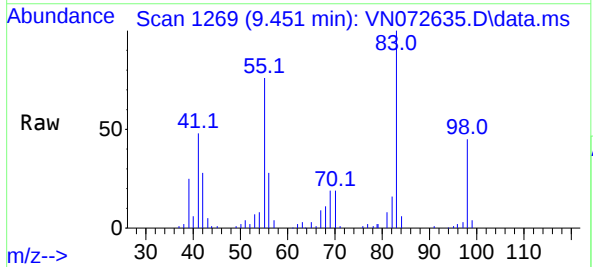
Tgt Ion:130 Resp: 48918
Ion Ratio Lower Upper
130 100
95 94.5 76.6 115.0

Manual Integrations
APPROVED

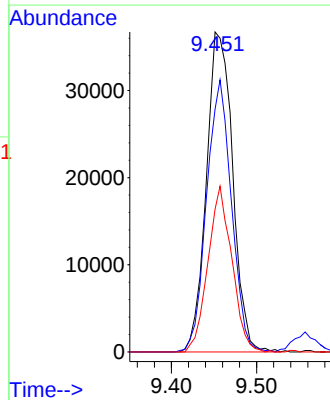
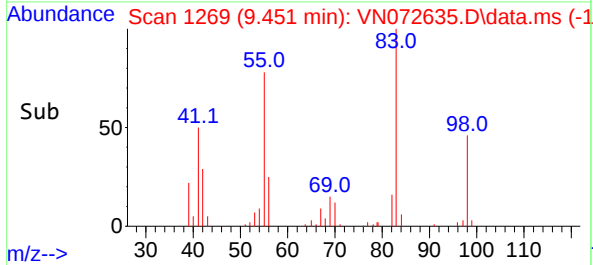
Reviewed By :John Carlone 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022

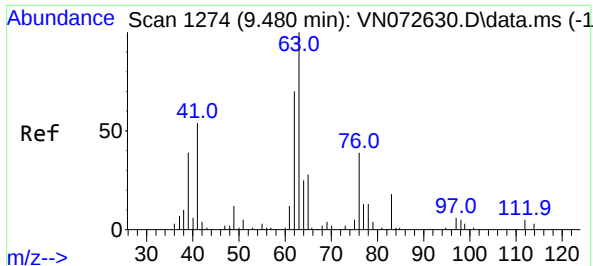


#38
Methylcyclohexane
Concen: 18.318 ug/l
RT: 9.451 min Scan# 1269
Delta R.T. -0.006 min
Lab File: VN072635.D
Acq: 26 May 2022 16:46



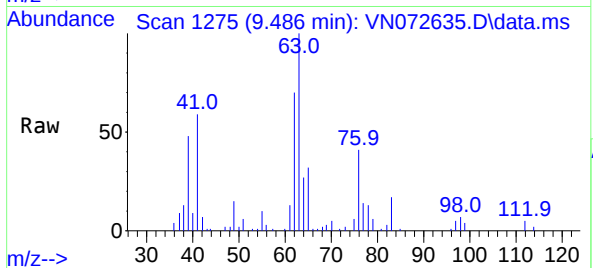
Tgt Ion: 83 Resp: 78654
Ion Ratio Lower Upper
83 100
55 80.7 35.1 105.3
98 47.1 23.4 70.2





#39
1,2-Dichloropropane
Concen: 18.330 ug/l
RT: 9.486 min Scan# 1274
Delta R.T. 0.006 min
Lab File: VN072635.D
Acq: 26 May 2022 16:46

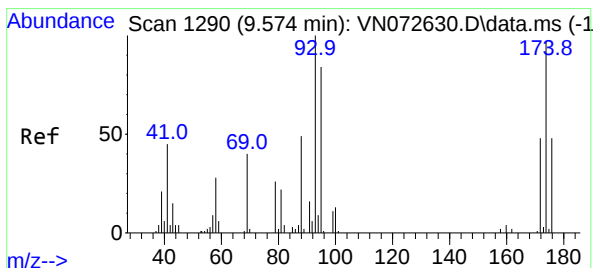
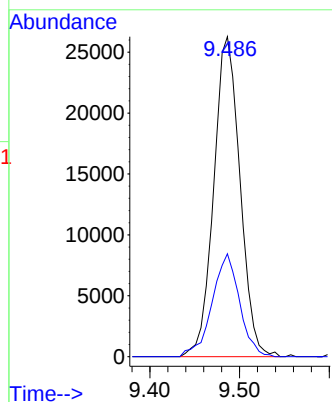
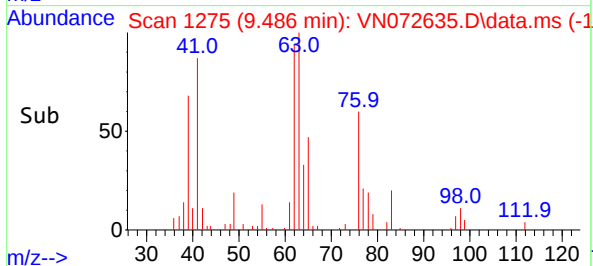
Instrument :
MSVOA_N
ClientSampleId :
ICVVN052622



Tgt Ion: 63 Resp: 5342
Ion Ratio Lower Upper
63 100
65 32.1 24.2 36.4

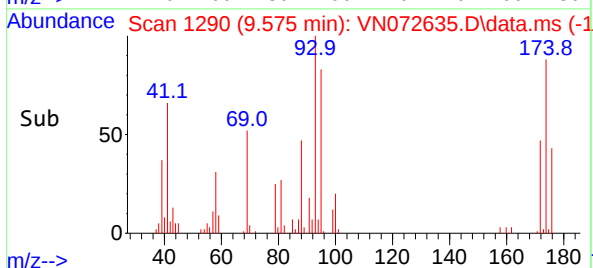
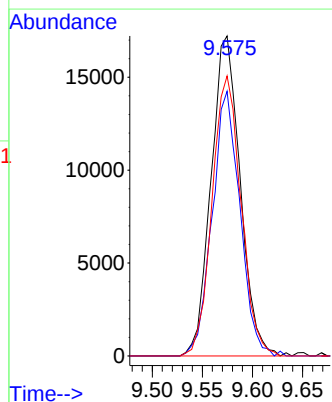
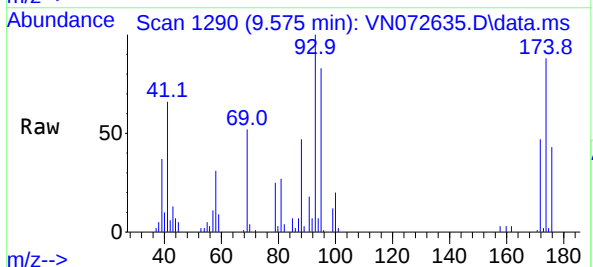
Manual Integrations
APPROVED

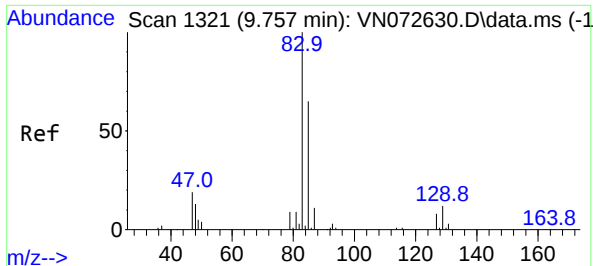
Reviewed By :John Carlone 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022



#40
Dibromomethane
Concen: 18.815 ug/l
RT: 9.575 min Scan# 1290
Delta R.T. 0.000 min
Lab File: VN072635.D
Acq: 26 May 2022 16:46

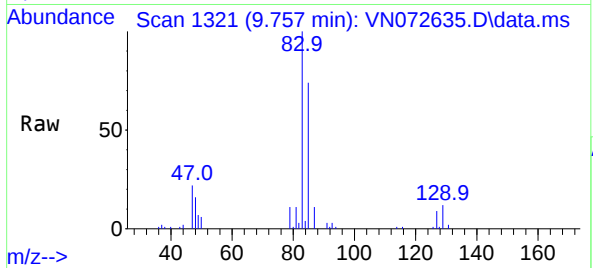
Tgt Ion: 93 Resp: 34771
Ion Ratio Lower Upper
93 100
95 78.7 0.0 168.8
174 87.0 0.0 173.6





#41
Bromodichloromethane
Concen: 17.570 ug/l
RT: 9.757 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN072635.D
Acq: 26 May 2022 16:46

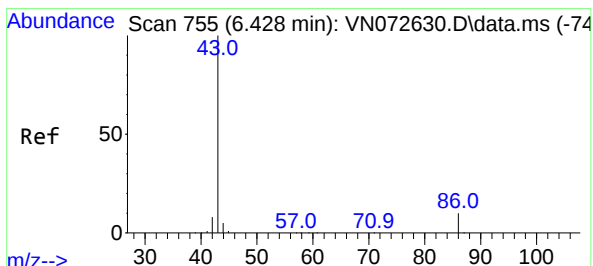
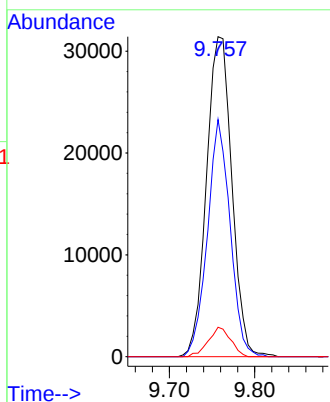
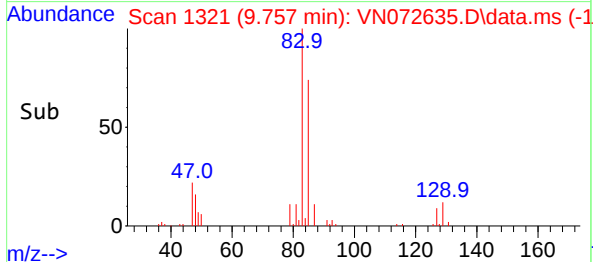
Instrument :
MSVOA_N
ClientSampleId :
ICVVN052622



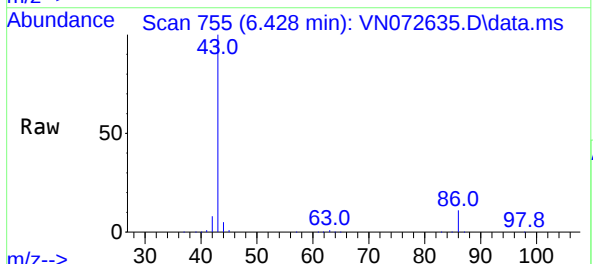
Tgt Ion: 83 Resp: 65084
Ion Ratio Lower Upper
83 100
85 74.1 54.1 81.1
127 9.9 7.6 11.4

Manual Integrations
APPROVED

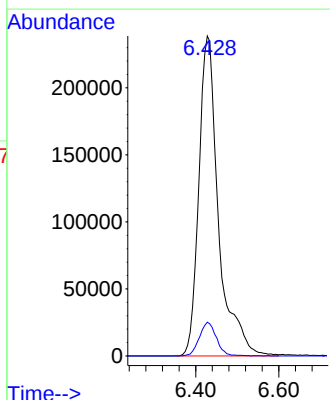
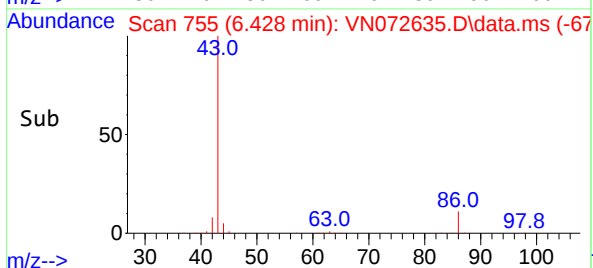
Reviewed By :John Carlone 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022

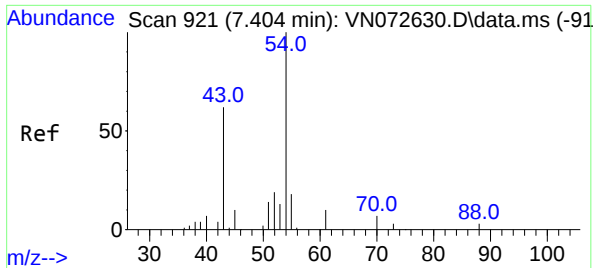


#42
Vinyl Acetate
Concen: 102.780 ug/l
RT: 6.428 min Scan# 755
Delta R.T. 0.000 min
Lab File: VN072635.D
Acq: 26 May 2022 16:46



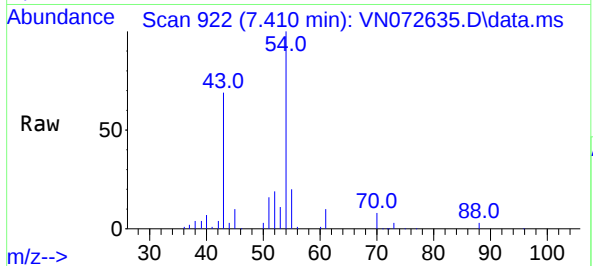
Tgt Ion: 43 Resp: 785293
Ion Ratio Lower Upper
43 100
86 9.1 7.5 11.3





#43
Ethyl Acetate
Concen: 19.534 ug/l
RT: 7.410 min Scan# 911
Delta R.T. 0.006 min
Lab File: VN072635.D
Acq: 26 May 2022 16:46

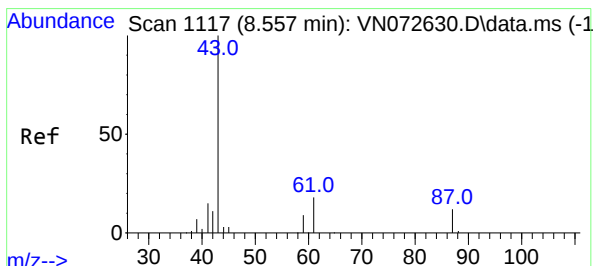
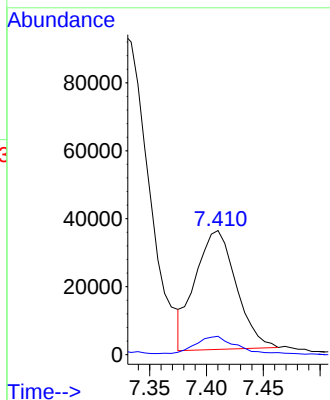
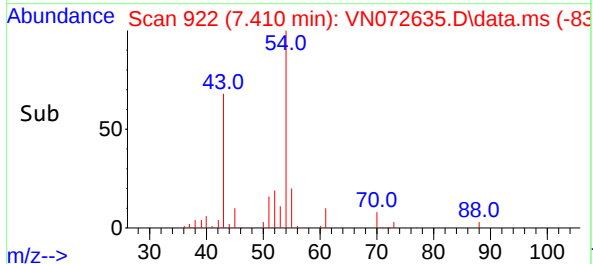
Instrument :
MSVOA_N
ClientSampleId :
ICVVN052622



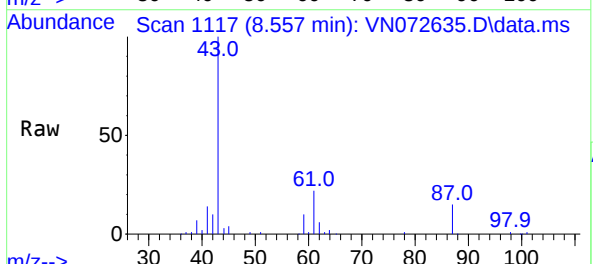
Tgt Ion: 43 Resp: 8769
Ion Ratio Lower Upper
43 100
45 13.4 10.6 16.0

Manual Integrations
APPROVED

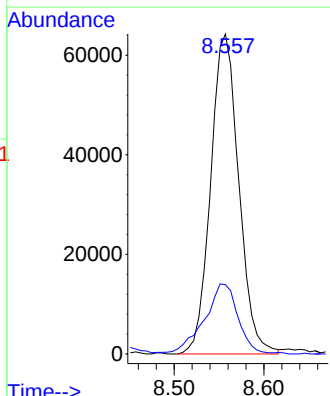
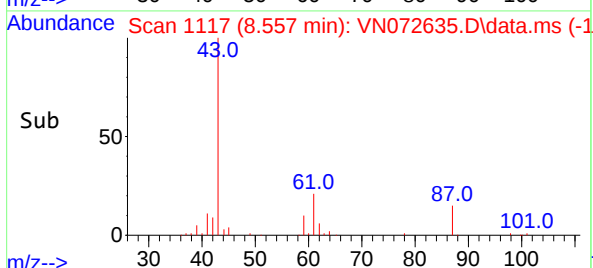
Reviewed By :John Carlone 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022

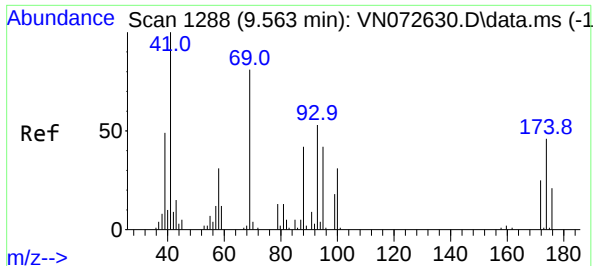


#44
Isopropyl Acetate
Concen: 19.982 ug/l
RT: 8.557 min Scan# 1117
Delta R.T. 0.000 min
Lab File: VN072635.D
Acq: 26 May 2022 16:46



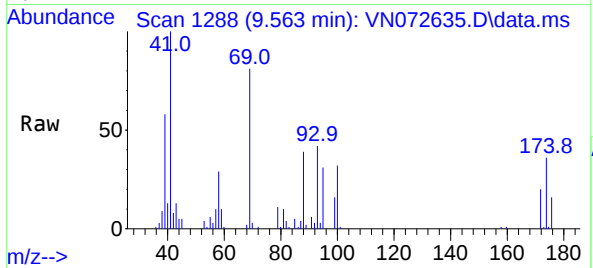
Tgt Ion: 43 Resp: 139770
Ion Ratio Lower Upper
43 100
61 26.3 20.1 30.1





#45
1,4-Dioxane
Concen: 390.371 ug/l
RT: 9.563 min Scan# 1288
Delta R.T. 0.000 min
Lab File: VN072635.D
Acq: 26 May 2022 16:46

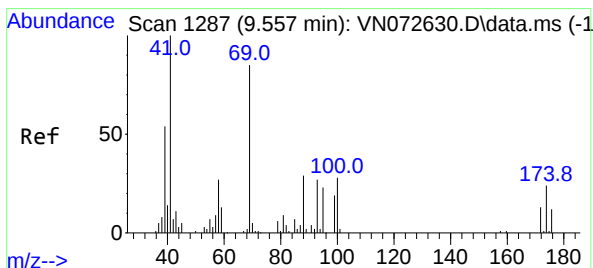
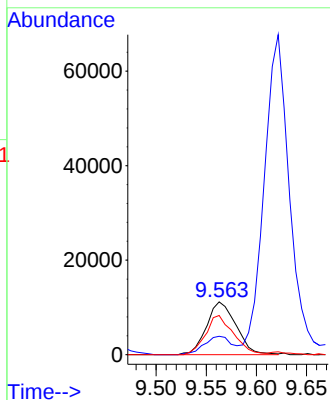
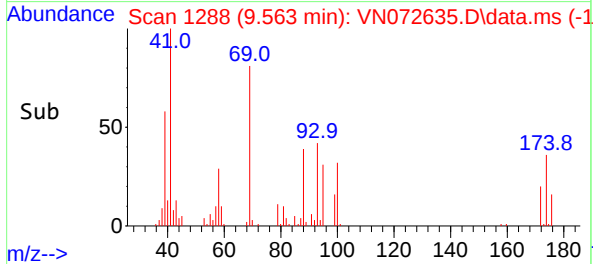
Instrument :
MSVOA_N
ClientSampleId :
ICVVN052622



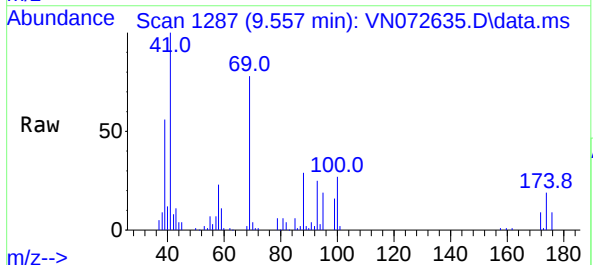
Tgt Ion: 88 Resp: 22894
Ion Ratio Lower Upper
88 100
43 32.5 25.0 37.6
58 70.6 49.4 74.2

Manual Integrations
APPROVED

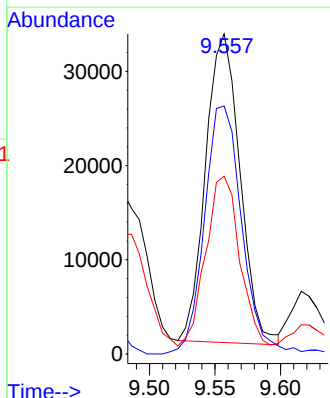
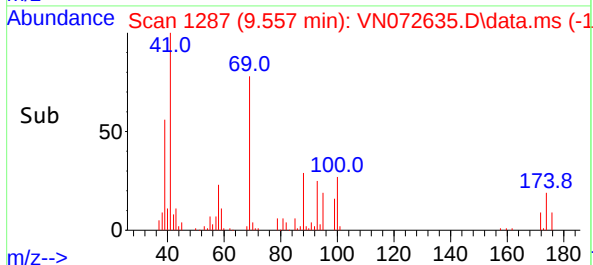
Reviewed By :John Carlone 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022

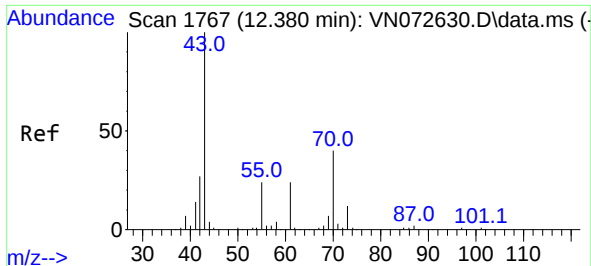


#46
Methyl methacrylate
Concen: 18.148 ug/l
RT: 9.557 min Scan# 1287
Delta R.T. 0.000 min
Lab File: VN072635.D
Acq: 26 May 2022 16:46



Tgt Ion: 41 Resp: 59811
Ion Ratio Lower Upper
41 100
69 79.2 44.4 133.2
39 55.4 39.9 119.6





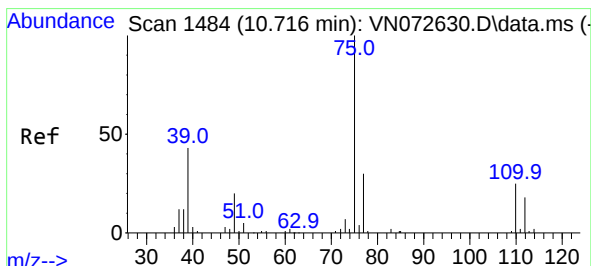
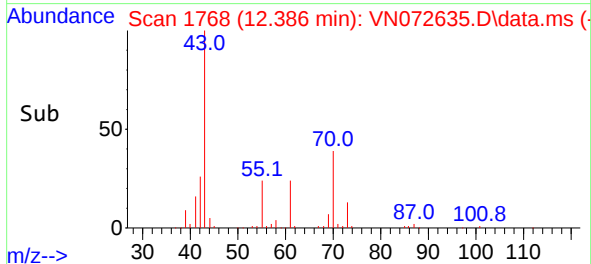
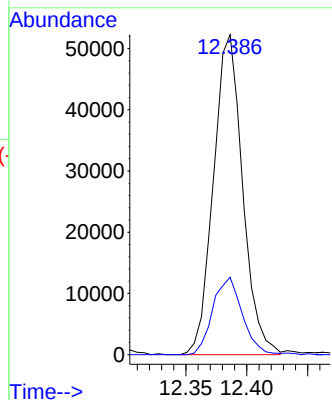
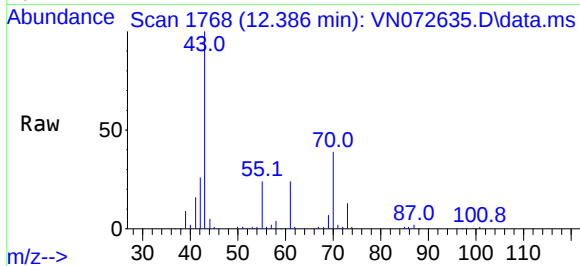
#47
n-amy1 Acetate
Concen: 17.093 ug/l
RT: 12.386 min Scan# 1767
Delta R.T. 0.006 min
Lab File: VN072635.D
Acq: 26 May 2022 16:46

Instrument :
MSVOA_N
ClientSampleId :
ICVVN052622

Tgt Ion: 43 Resp: 87112
Ion Ratio Lower Upper
43 100
55 24.4 19.0 28.6

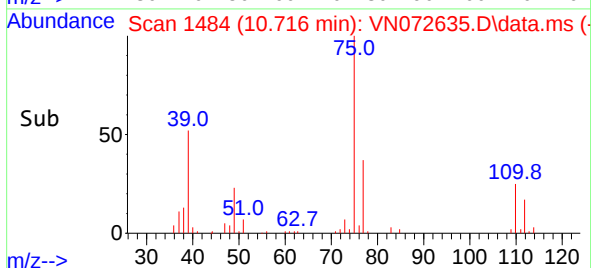
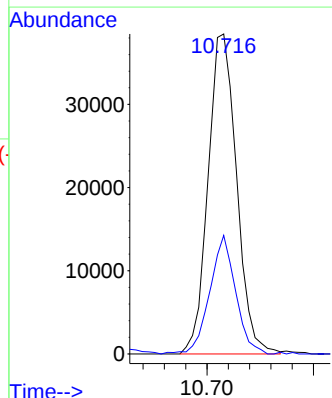
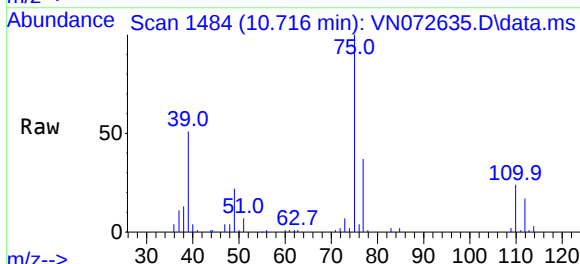
Manual Integrations
APPROVED

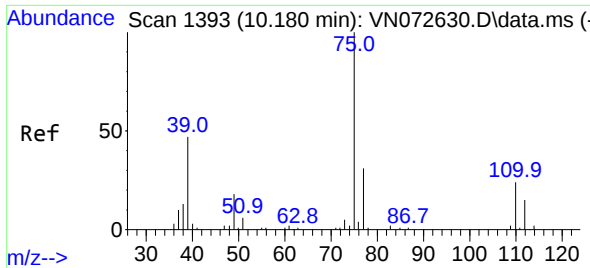
Reviewed By :John Carlone 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022



#48
t-1,3-Dichloropropene
Concen: 17.889 ug/l
RT: 10.716 min Scan# 1484
Delta R.T. 0.000 min
Lab File: VN072635.D
Acq: 26 May 2022 16:46

Tgt Ion: 75 Resp: 71579
Ion Ratio Lower Upper
75 100
77 36.5 25.3 37.9





#49
 cis-1,3-Dichloropropene
 Concen: 17.095 ug/l
 RT: 10.186 min Scan# 1393
 Delta R.T. 0.006 min
 Lab File: VN072635.D
 Acq: 26 May 2022 16:46

Instrument :

MSVOA_N

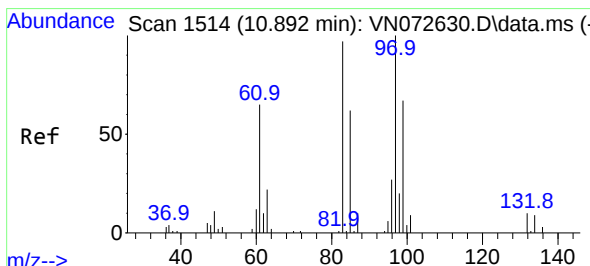
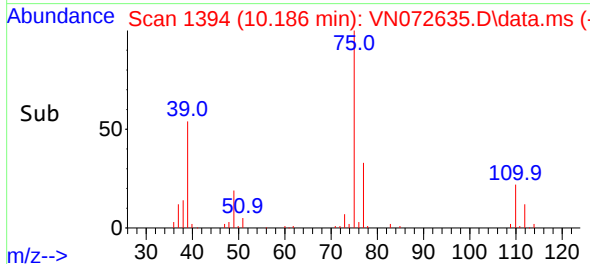
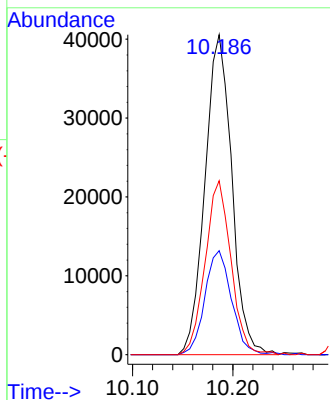
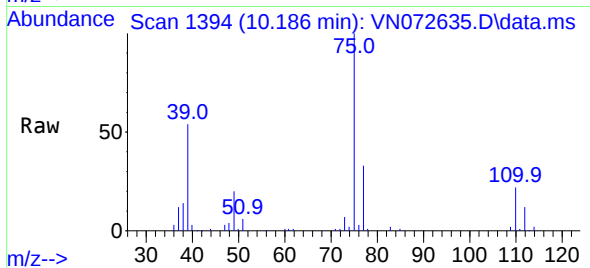
ClientSampleId :

ICVVN052622

Tgt Ion: 75 Resp: 75360
 Ion Ratio Lower Upper
 75 100
 77 32.5 25.3 37.9
 39 54.3 46.2 69.4

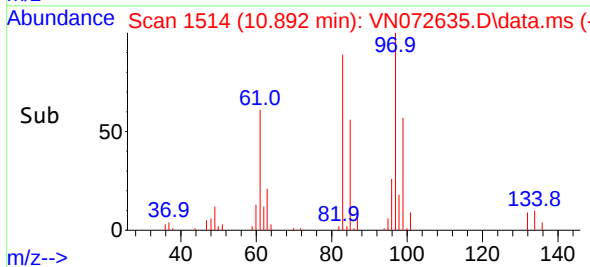
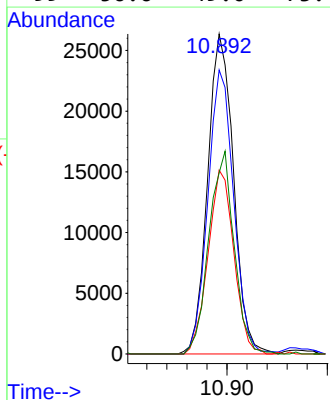
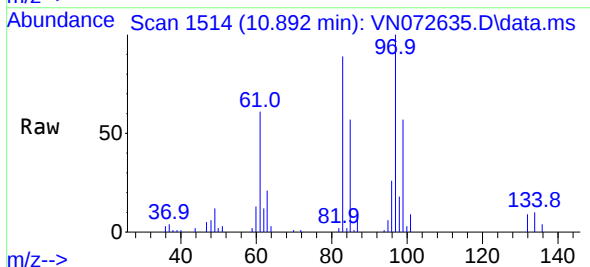
Manual Integrations
 APPROVED

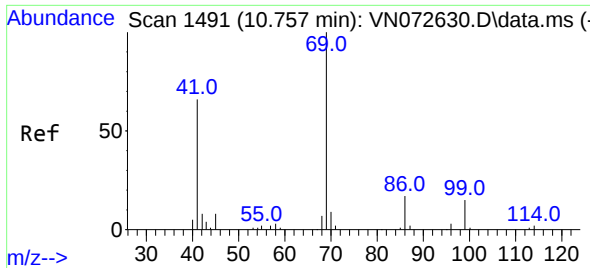
Reviewed By :John Carlone 05/27/2022
 Supervised By :Mahesh Dadoda 05/27/2022



#50
 1,1,2-Trichloroethane
 Concen: 17.370 ug/l
 RT: 10.892 min Scan# 1514
 Delta R.T. 0.000 min
 Lab File: VN072635.D
 Acq: 26 May 2022 16:46

Tgt Ion: 97 Resp: 47189
 Ion Ratio Lower Upper
 97 100
 83 88.8 67.2 100.8
 85 57.5 43.0 64.4
 99 56.6 49.0 73.4





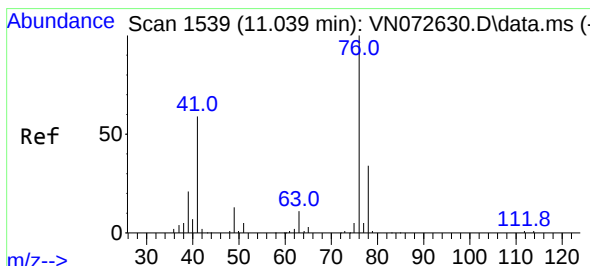
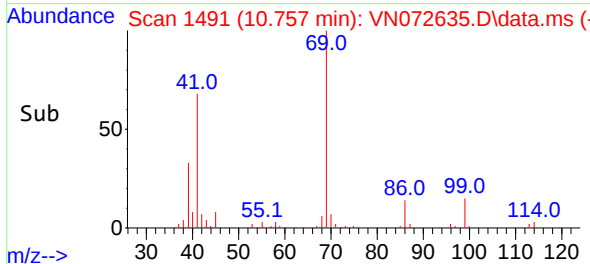
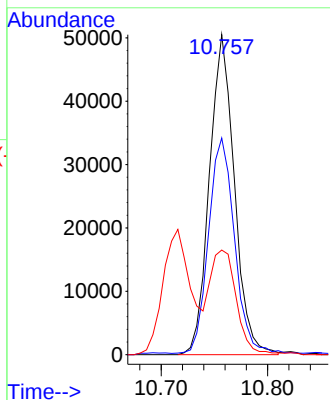
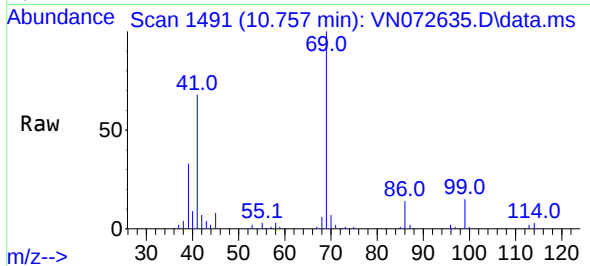
#51
Ethyl methacrylate
Concen: 17.954 ug/l
RT: 10.757 min Scan# 1491
Delta R.T. 0.000 min
Lab File: VN072635.D
Acq: 26 May 2022 16:46

Instrument :
MSVOA_N
ClientSampleId :
ICVVN052622

Tgt Ion: 69 Resp: 8224
Ion Ratio Lower Upper
69 100
41 67.2 33.0 98.9
39 32.2 25.4 76.4

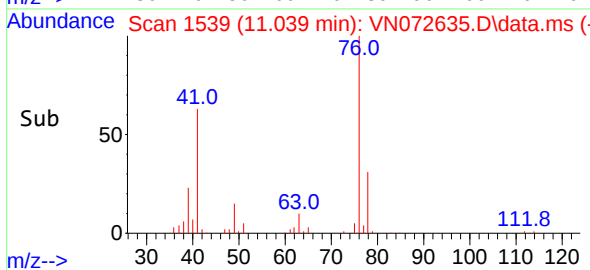
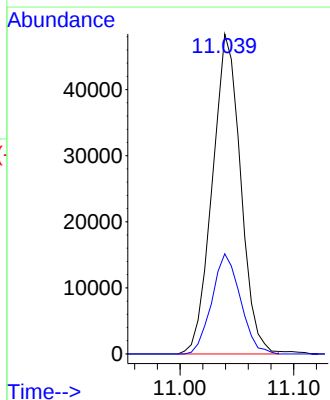
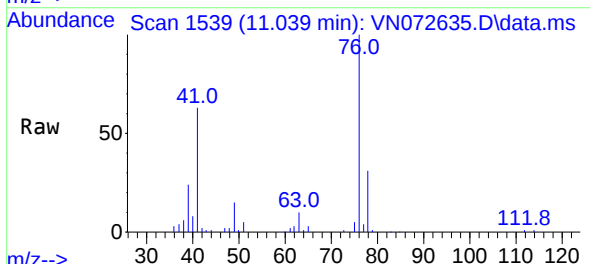
Manual Integrations
APPROVED

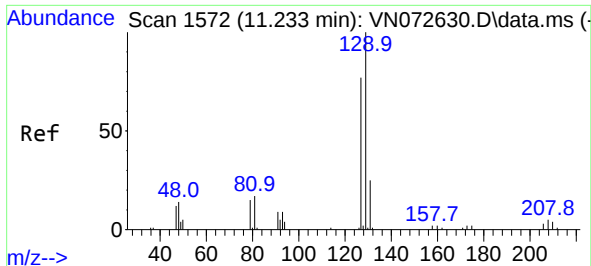
Reviewed By :John Carlone 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022



#52
1,3-Dichloropropane
Concen: 17.478 ug/l
RT: 11.039 min Scan# 1539
Delta R.T. 0.000 min
Lab File: VN072635.D
Acq: 26 May 2022 16:46

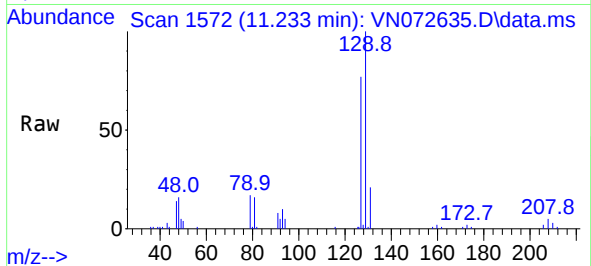
Tgt Ion: 76 Resp: 83731
Ion Ratio Lower Upper
76 100
78 31.5 0.0 65.4





#53
Dibromochloromethane
Concen: 16.661 ug/l
RT: 11.233 min Scan# 1572
Delta R.T. 0.000 min
Lab File: VN072635.D
Acq: 26 May 2022 16:46

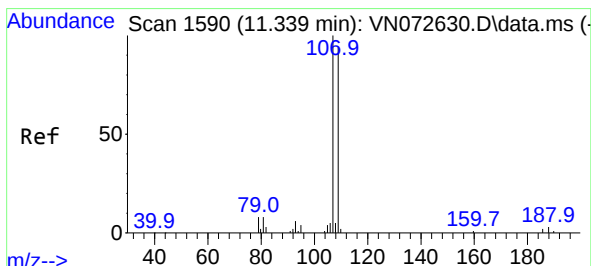
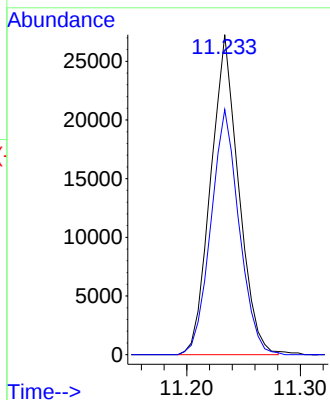
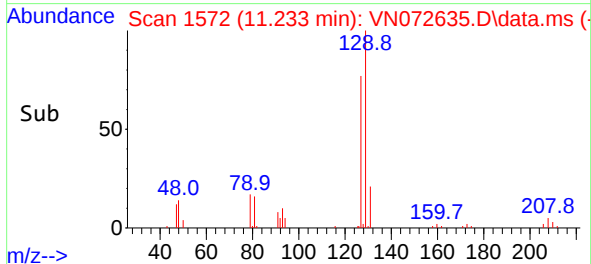
Instrument :
MSVOA_N
ClientSampleId :
ICVVN052622



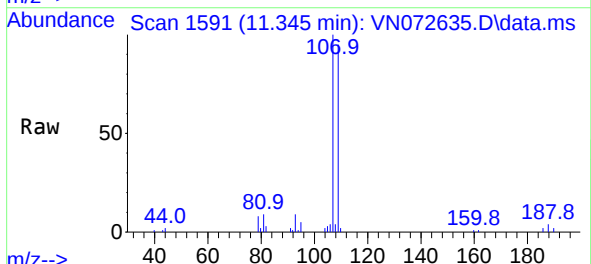
Tgt Ion:129 Resp: 4653
Ion Ratio Lower Upper
129 100
127 77.5 39.0 117.0

Manual Integrations
APPROVED

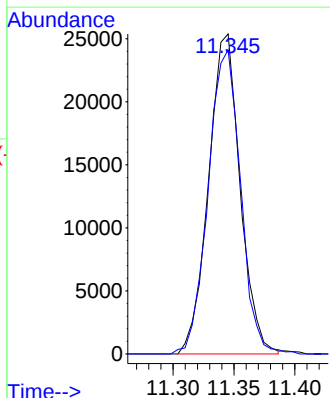
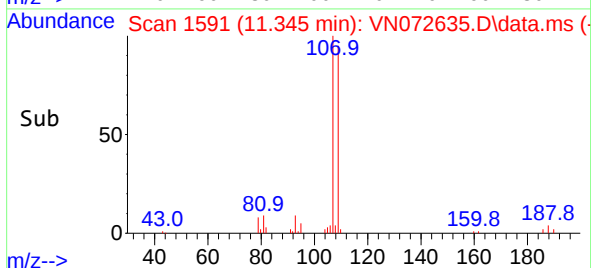
Reviewed By :John Carlone 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022

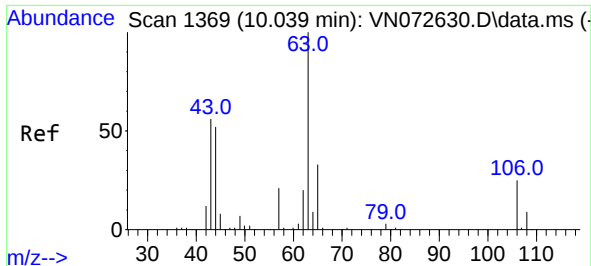


#54
1,2-Dibromoethane
Concen: 16.369 ug/l
RT: 11.345 min Scan# 1591
Delta R.T. 0.006 min
Lab File: VN072635.D
Acq: 26 May 2022 16:46



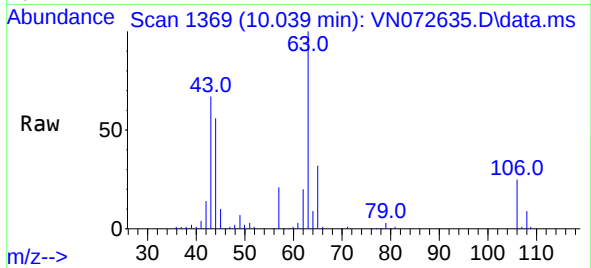
Tgt Ion:107 Resp: 45662
Ion Ratio Lower Upper
107 100
109 97.4 72.8 109.2





#55
2-Chloroethyl vinyl ether
Concen: 84.944 ug/l
RT: 10.039 min Scan# 1369
Delta R.T. 0.000 min
Lab File: VN072635.D
Acq: 26 May 2022 16:46

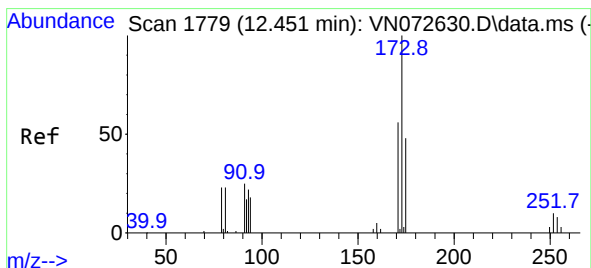
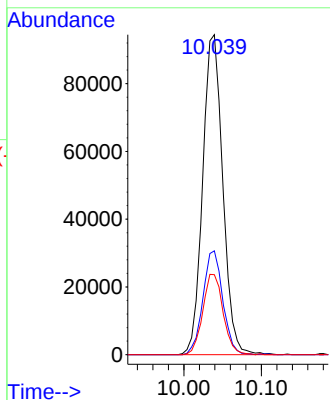
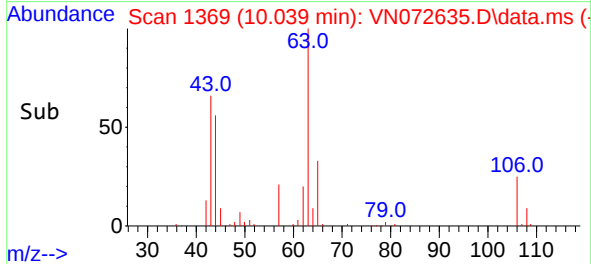
Instrument :
MSVOA_N
ClientSampleId :
ICVVN052622



Tgt Ion: 63 Resp: 17020
Ion Ratio Lower Upper
63 100
65 32.0 25.4 38.0
106 25.4 23.2 34.8

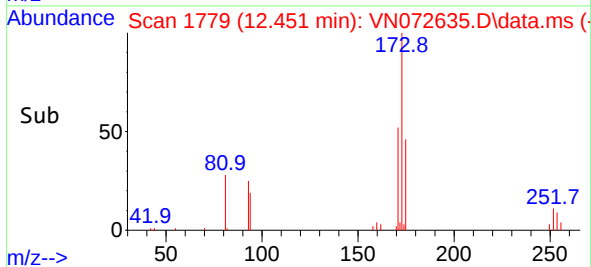
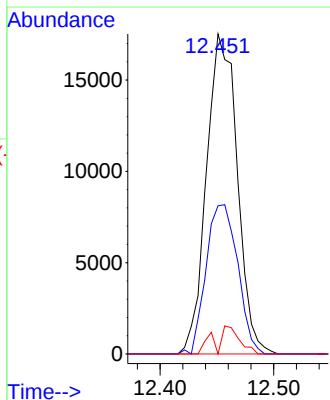
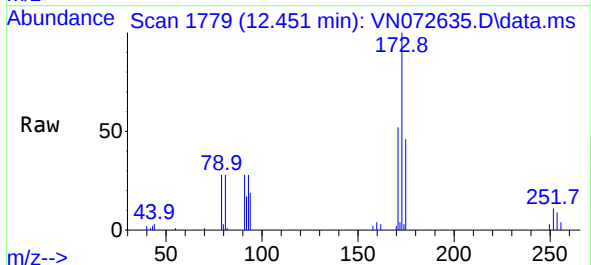
Manual Integrations
APPROVED

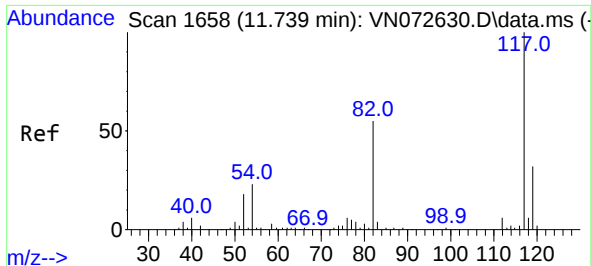
Reviewed By :John Carlone 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022



#56
Bromoform
Concen: 16.387 ug/l
RT: 12.451 min Scan# 1779
Delta R.T. 0.000 min
Lab File: VN072635.D
Acq: 26 May 2022 16:46

Tgt Ion:173 Resp: 33043
Ion Ratio Lower Upper
173 100
175 47.6 38.6 58.0
254 4.9 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: VN072635.D
Acq: 26 May 2022 16:46

Instrument :

MSVOA_N

ClientSampleId :

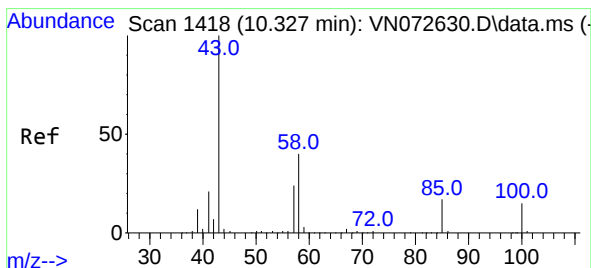
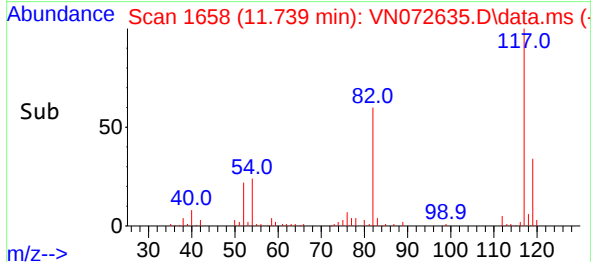
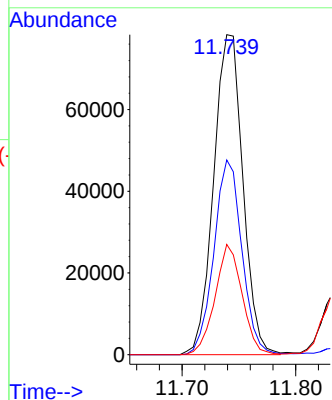
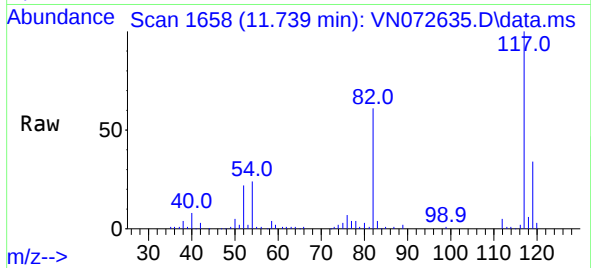
ICVVN052622

Tgt Ion:117 Resp: 140214
Ion Ratio Lower Upper
117 100
82 58.3 43.6 65.4
119 31.9 25.8 38.6

Manual Integrations

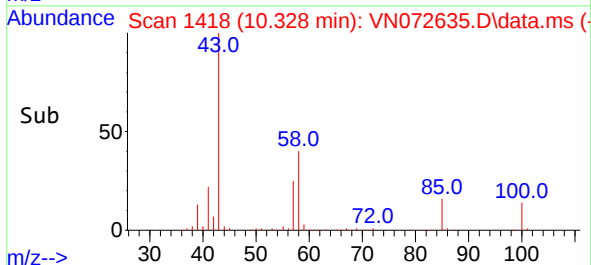
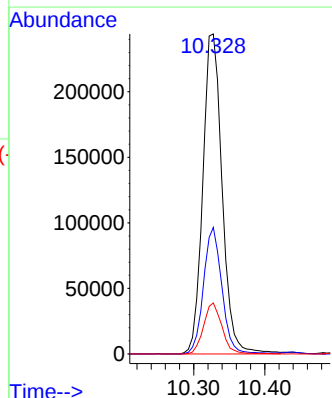
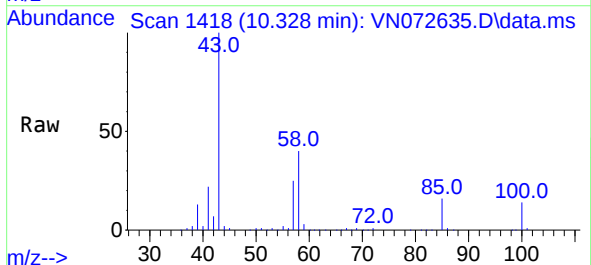
APPROVED

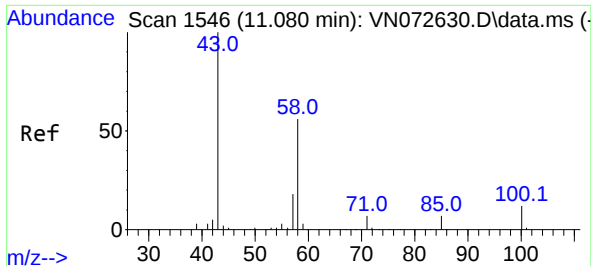
Reviewed By :John Carlone 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022



#58
4-Methyl-2-Pentanone
Concen: 114.344 ug/l
RT: 10.328 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VN072635.D
Acq: 26 May 2022 16:46

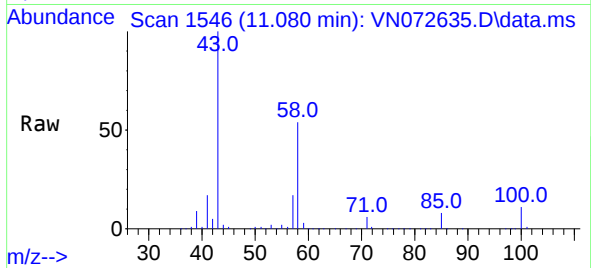
Tgt Ion: 43 Resp: 463102
Ion Ratio Lower Upper
43 100
58 37.6 30.0 45.0
85 15.2 15.0 22.6





#59
2-Hexanone
Concen: 117.479 ug/l
RT: 11.080 min Scan# 1546
Delta R.T. 0.000 min
Lab File: VN072635.D
Acq: 26 May 2022 16:46

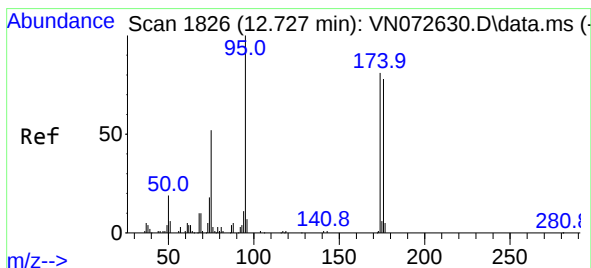
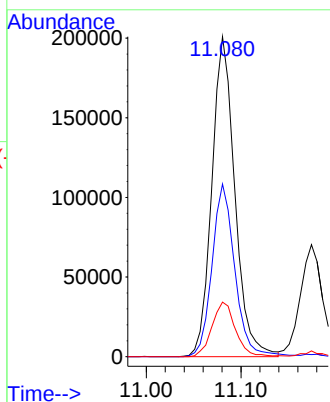
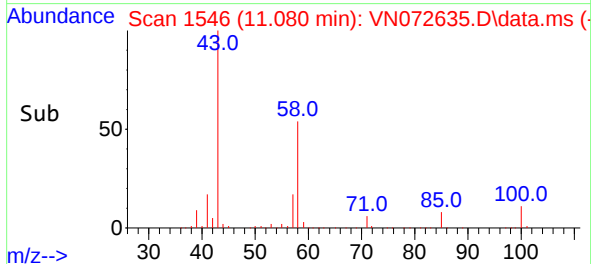
Instrument :
MSVOA_N
ClientSampleId :
ICVVN052622



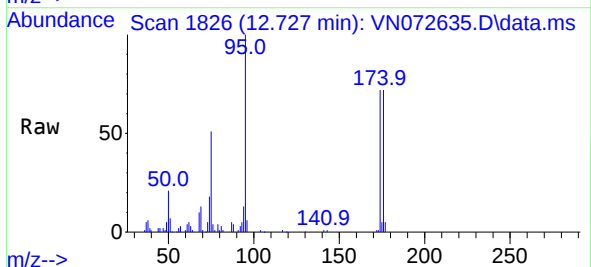
Tgt Ion: 43 Resp: 339325
Ion Ratio Lower Upper
43 100
58 53.5 42.2 63.2
57 17.4 15.0 22.4

Manual Integrations
APPROVED

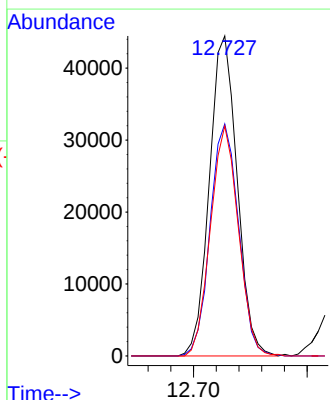
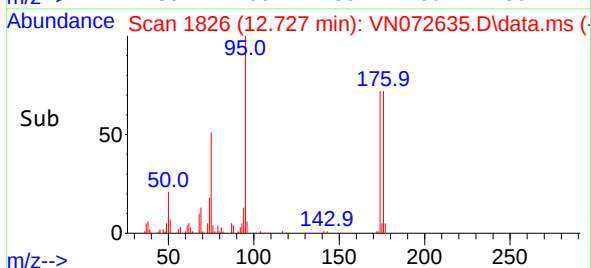
Reviewed By :John Carlone 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022

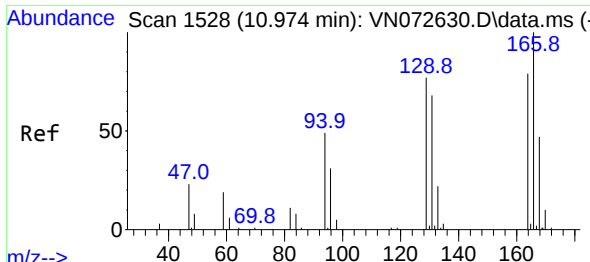


#60
4-Bromofluorobenzene
Concen: 30.662 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN072635.D
Acq: 26 May 2022 16:46



Tgt Ion: 95 Resp: 75503
Ion Ratio Lower Upper
95 100
174 74.2 62.9 94.3
176 72.2 61.0 91.4





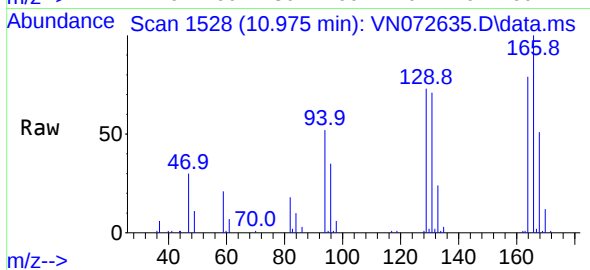
#61
Tetrachloroethene
Concen: 19.265 ug/l
RT: 10.975 min Scan# 1528
Delta R.T. 0.000 min
Lab File: VN072635.D
Acq: 26 May 2022 16:46

Instrument :

MSVOA_N

ClientSampleId :

ICVVN052622



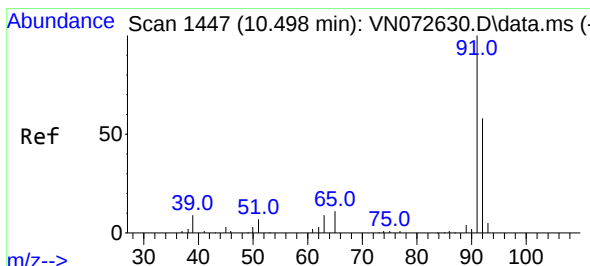
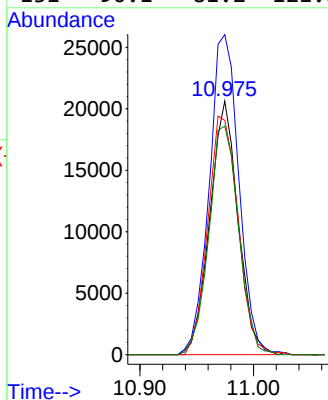
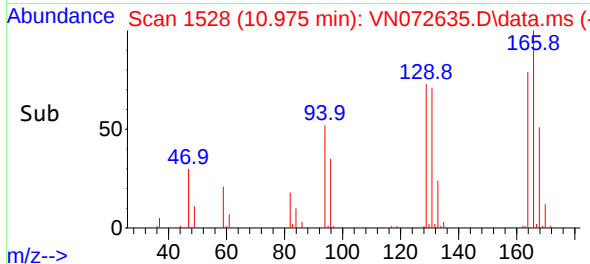
Tgt Ion:164 Resp: 35749
Ion Ratio Lower Upper
164 100
166 126.2 105.8 158.8
129 92.4 82.5 123.7
131 90.1 81.2 121.8

Manual Integrations

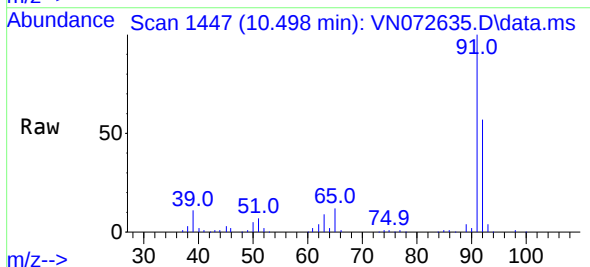
APPROVED

Reviewed By :John Carlone 05/27/2022

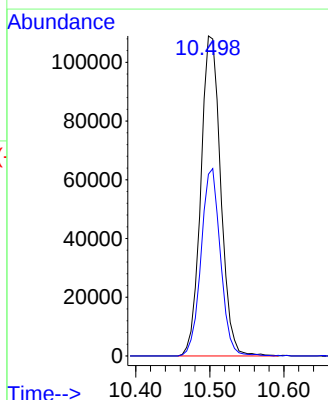
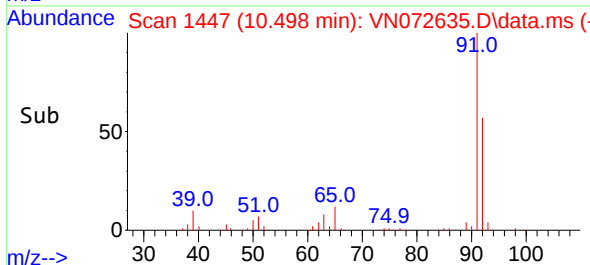
Supervised By :Mahesh Dadoda 05/27/2022

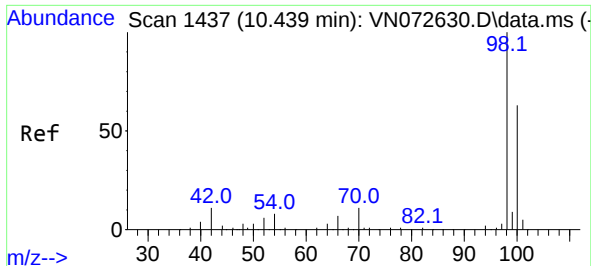


#62
Toluene
Concen: 20.669 ug/l
RT: 10.498 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VN072635.D
Acq: 26 May 2022 16:46



Tgt Ion: 91 Resp: 203453
Ion Ratio Lower Upper
91 100
92 56.8 44.6 67.0





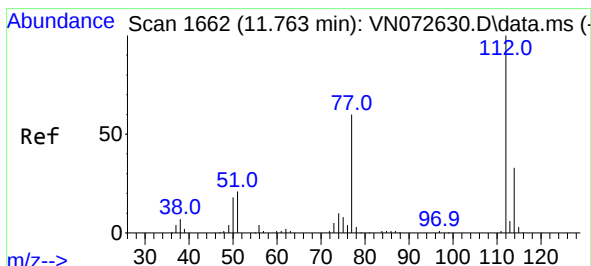
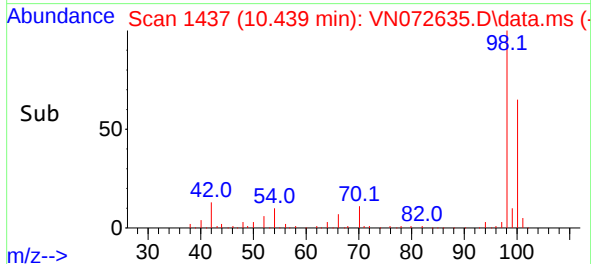
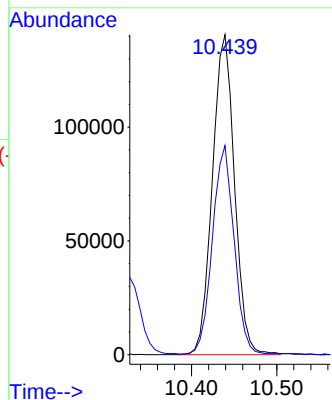
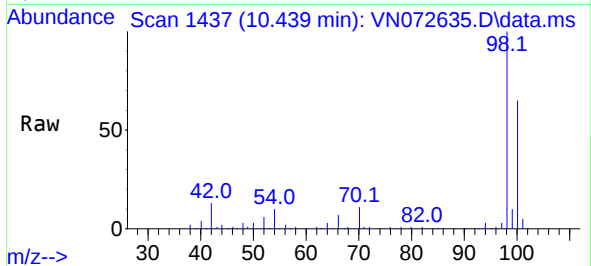
#63
Toluene-d8
Concen: 31.845 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN072635.D
Acq: 26 May 2022 16:46

Instrument :
MSVOA_N
ClientSampleId :
ICVVN052622

Tgt Ion: 98 Resp: 253889
Ion Ratio Lower Upper
98 100
100 63.5 50.6 76.0

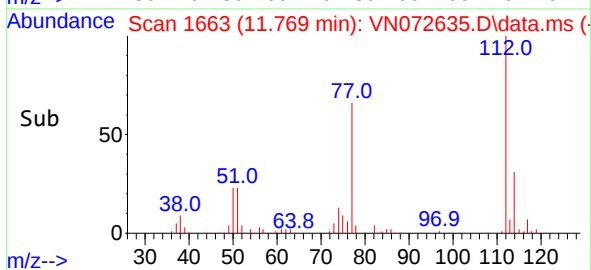
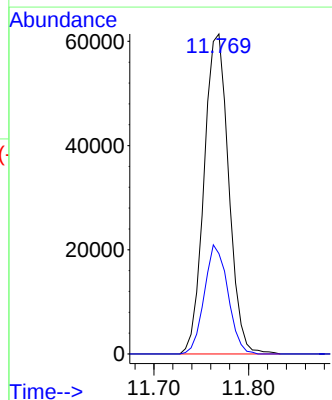
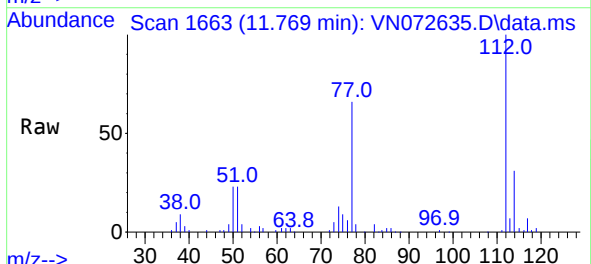
Manual Integrations
APPROVED

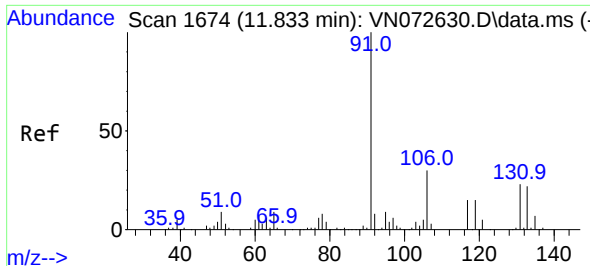
Reviewed By :John Carlone 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022



#64
Chlorobenzene
Concen: 19.369 ug/l
RT: 11.769 min Scan# 1663
Delta R.T. 0.006 min
Lab File: VN072635.D
Acq: 26 May 2022 16:46

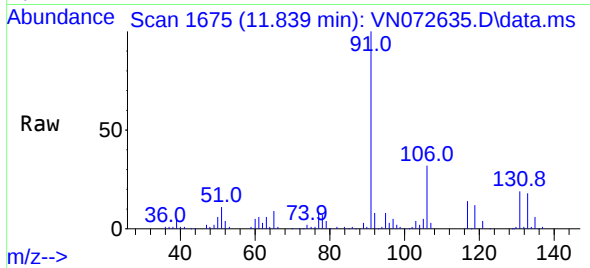
Tgt Ion:112 Resp: 110787
Ion Ratio Lower Upper
112 100
114 31.3 25.8 38.6





#65
1,1,1,2-Tetrachloroethane
Concen: 18.826 ug/l
RT: 11.839 min Scan# 1674
Delta R.T. 0.006 min
Lab File: VN072635.D
Acq: 26 May 2022 16:46

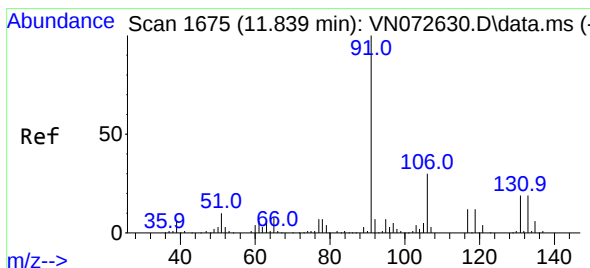
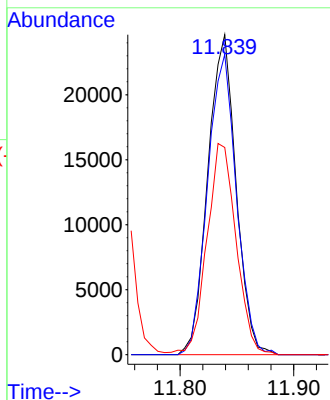
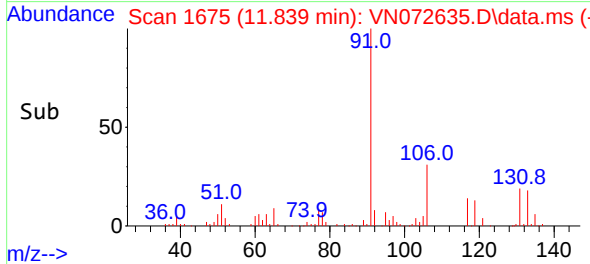
Instrument :
MSVOA_N
ClientSampleId :
ICNVN052622



Tgt Ion:131 Resp: 4240
Ion Ratio Lower Upper
131 100
133 96.2 0.0 191.2
119 68.3 0.0 128.8

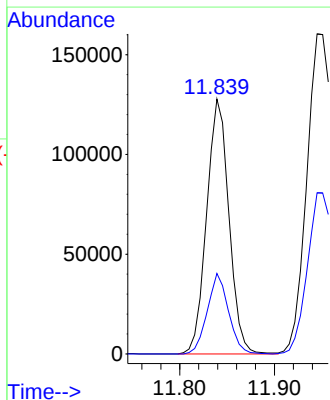
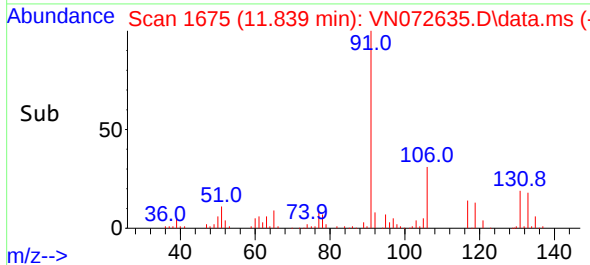
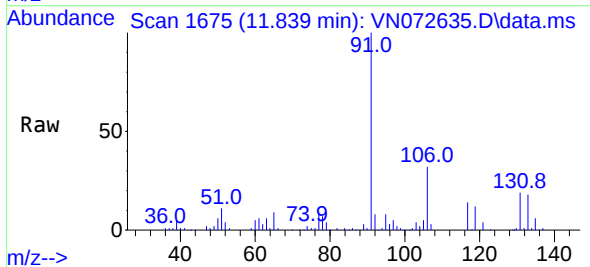
Manual Integrations
APPROVED

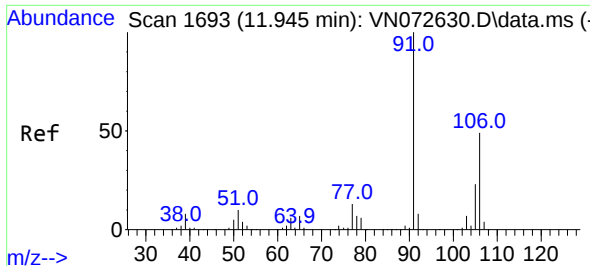
Reviewed By :John Carlone 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022



#66
Ethyl Benzene
Concen: 19.234 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VN072635.D
Acq: 26 May 2022 16:46

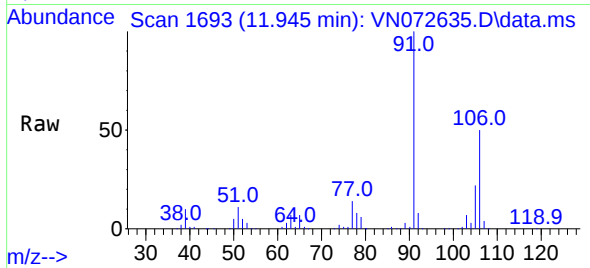
Tgt Ion: 91 Resp: 208850
Ion Ratio Lower Upper
91 100
106 31.6 24.0 36.0





#67
m/p-Xylenes
Concen: 39.864 ug/l
RT: 11.945 min Scan# 1693
Delta R.T. 0.000 min
Lab File: VN072635.D
Acq: 26 May 2022 16:46

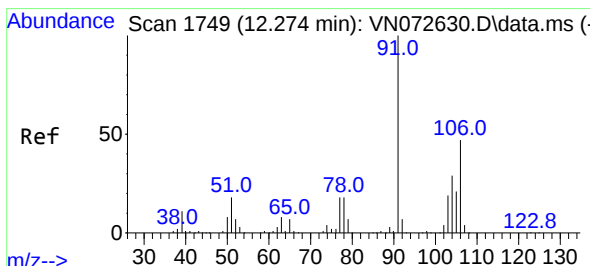
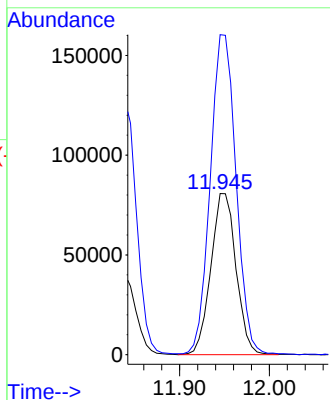
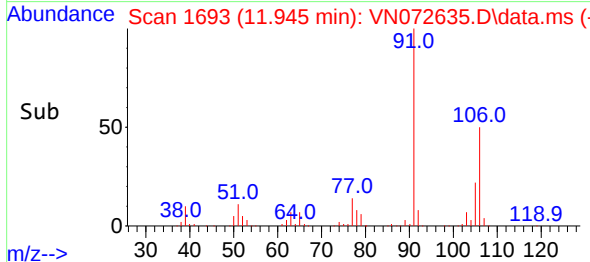
Instrument :
MSVOA_N
ClientSampleId :
ICVVN052622



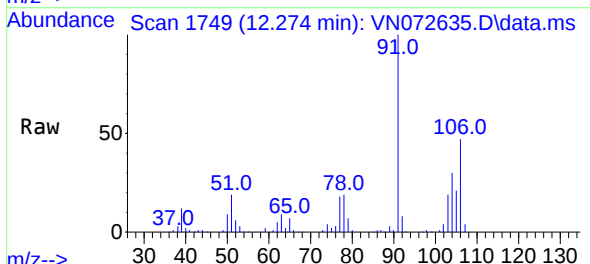
Tgt Ion:106 Resp: 157329
Ion Ratio Lower Upper
106 100
91 203.8 162.9 244.3

Manual Integrations
APPROVED

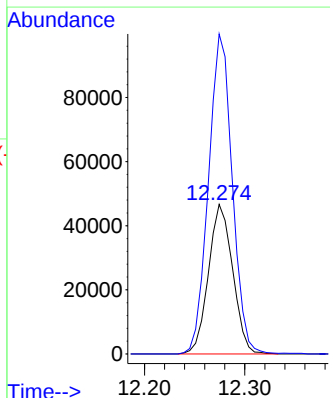
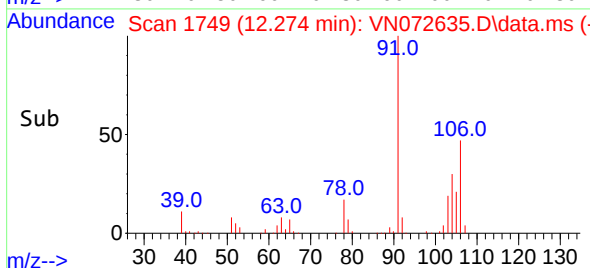
Reviewed By :John Carlone 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022

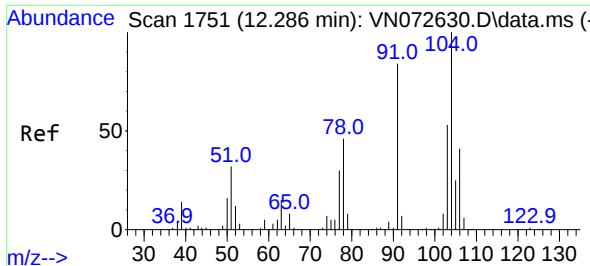


#68
o-Xylene
Concen: 19.937 ug/l
RT: 12.274 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VN072635.D
Acq: 26 May 2022 16:46



Tgt Ion:106 Resp: 78283
Ion Ratio Lower Upper
106 100
91 210.5 107.7 323.1





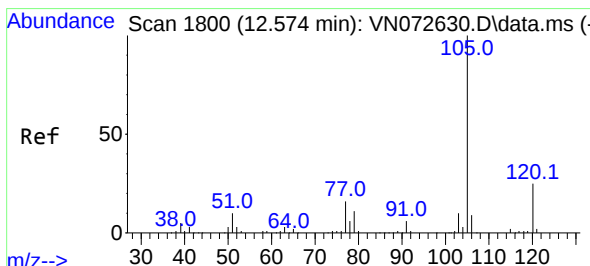
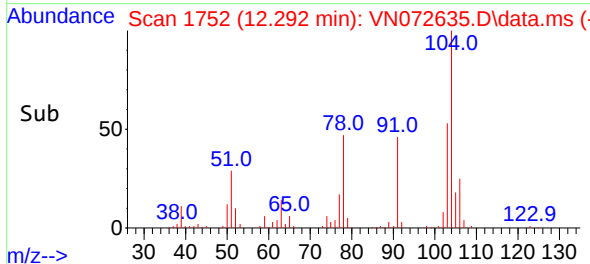
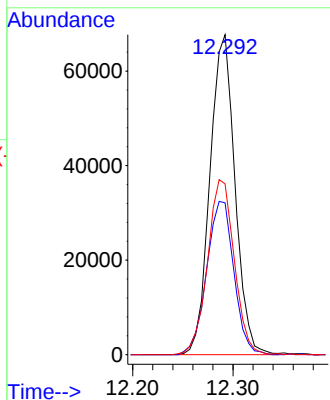
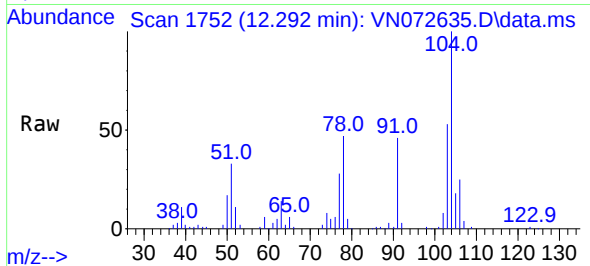
#69
Styrene
Concen: 18.895 ug/l
RT: 12.292 min Scan# 11754
Delta R.T. 0.006 min
Lab File: VN072635.D
Acq: 26 May 2022 16:46

Instrument :
MSVOA_N
ClientSampleId :
ICVVN052622

Tgt Ion:104 Resp: 11754
Ion Ratio Lower Upper
104 100
78 52.0 40.7 61.1
103 58.3 45.8 68.8

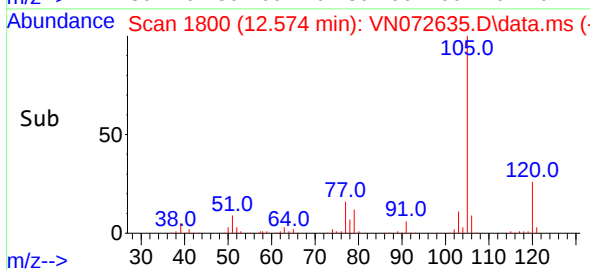
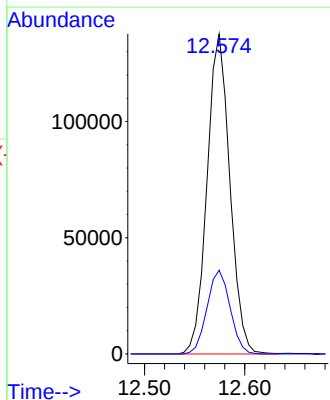
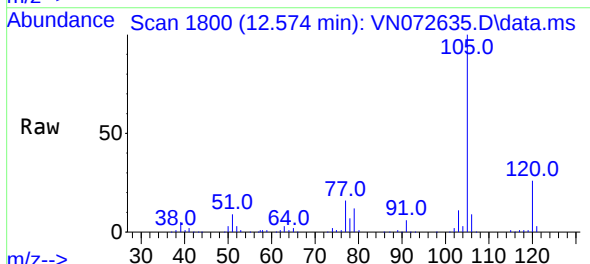
Manual Integrations
APPROVED

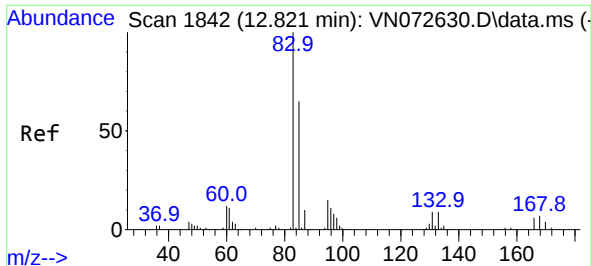
Reviewed By :John Carlone 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022



#70
Isopropylbenzene
Concen: 21.689 ug/l
RT: 12.574 min Scan# 1800
Delta R.T. 0.000 min
Lab File: VN072635.D
Acq: 26 May 2022 16:46

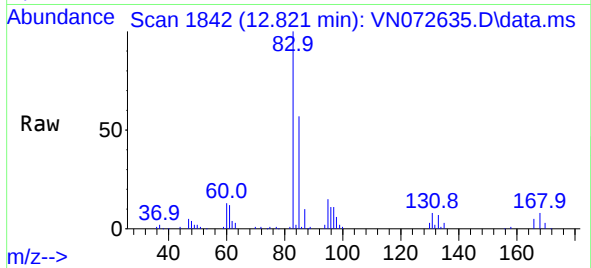
Tgt Ion:105 Resp: 217581
Ion Ratio Lower Upper
105 100
120 26.4 18.3 34.1





#71
1,1,2,2-Tetrachloroethane
Concen: 20.801 ug/l
RT: 12.821 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VN072635.D
Acq: 26 May 2022 16:46

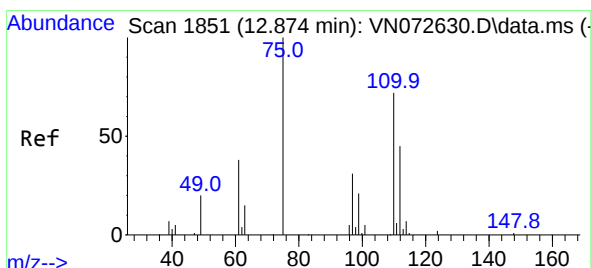
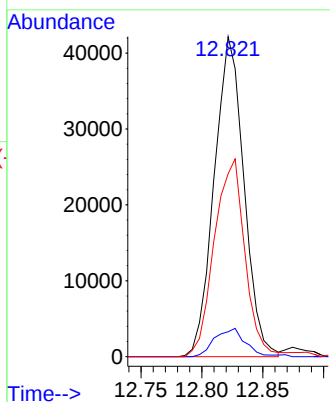
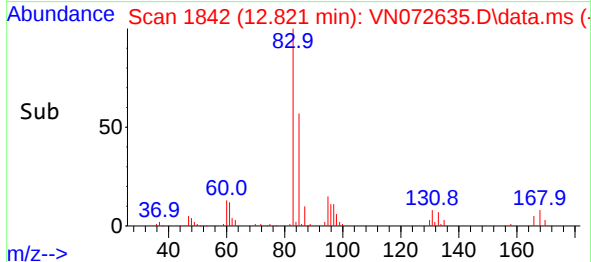
Instrument :
MSVOA_N
ClientSampleId :
ICVVN052622



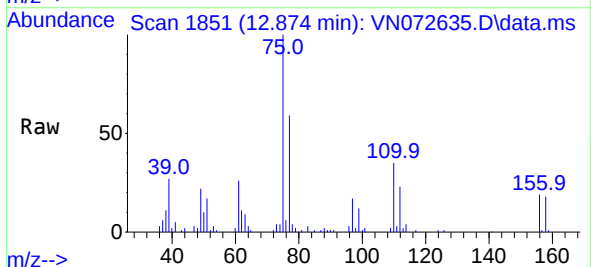
Tgt Ion: 83 Resp: 7164
Ion Ratio Lower Upper
83 100
131 9.0 5.1 15.3
85 63.6 33.1 99.2

Manual Integrations
APPROVED

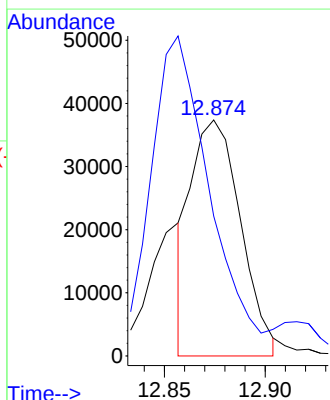
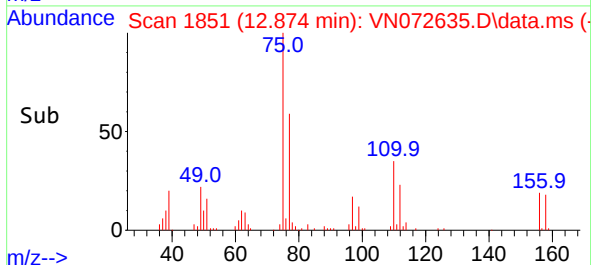
Reviewed By :John Carlone 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022

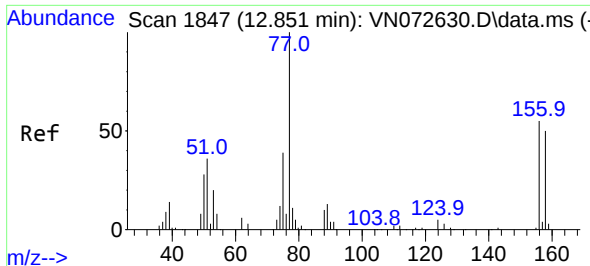


#72
1,2,3-Trichloropropane
Concen: 21.928 ug/l m
RT: 12.874 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VN072635.D
Acq: 26 May 2022 16:46



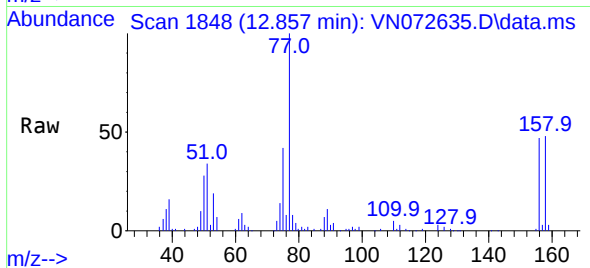
Tgt Ion: 75 Resp: 63728
Ion Ratio Lower Upper
75 100
77 161.8 0.0 378.0





#73
Bromobenzene
Concen: 19.580 ug/l
RT: 12.857 min Scan# 1847
Delta R.T. 0.006 min
Lab File: VN072635.D
Acq: 26 May 2022 16:46

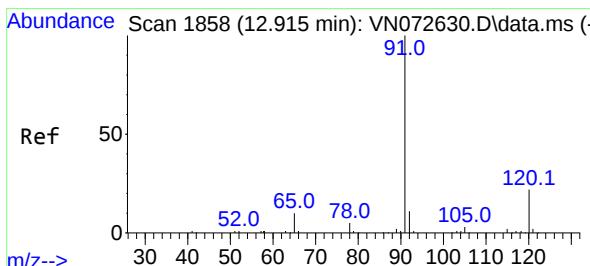
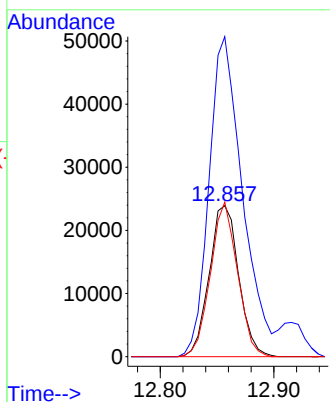
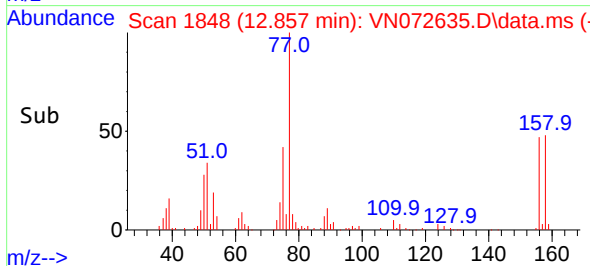
Instrument :
MSVOA_N
ClientSampleId :
ICVVN052622



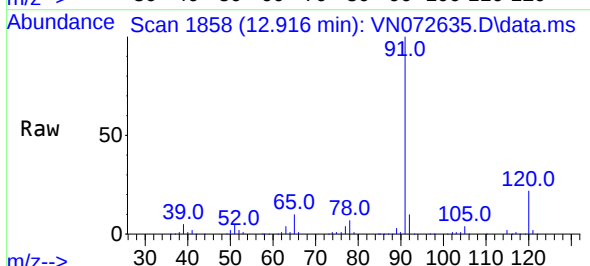
Tgt Ion:156 Resp: 43150
Ion Ratio Lower Upper
156 100
77 239.0 0.0 416.0
158 93.7 0.0 195.4

Manual Integrations
APPROVED

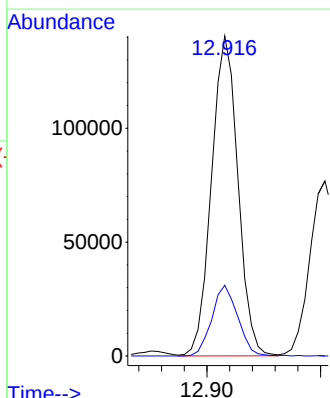
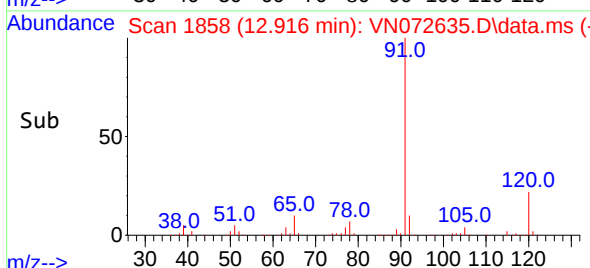
Reviewed By :John Carlone 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022

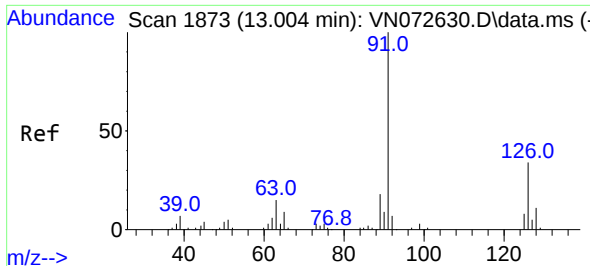


#74
n-propylbenzene
Concen: 19.993 ug/l
RT: 12.916 min Scan# 1858
Delta R.T. 0.000 min
Lab File: VN072635.D
Acq: 26 May 2022 16:46



Tgt Ion: 91 Resp: 226780
Ion Ratio Lower Upper
91 100
120 21.6 0.0 45.0





#75
2-Chlorotoluene
Concen: 19.306 ug/l
RT: 13.004 min Scan# 1873
Delta R.T. 0.000 min
Lab File: VN072635.D
Acq: 26 May 2022 16:46

Instrument :

MSVOA_N

ClientSampleId :

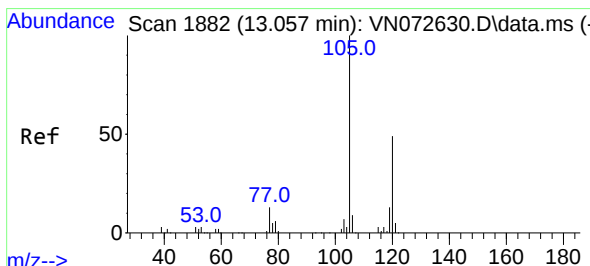
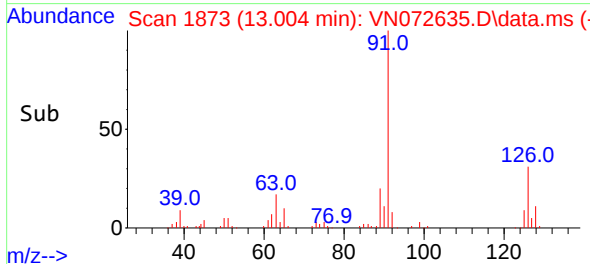
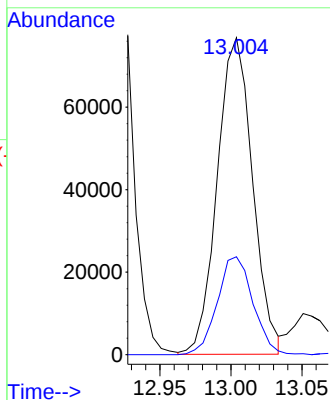
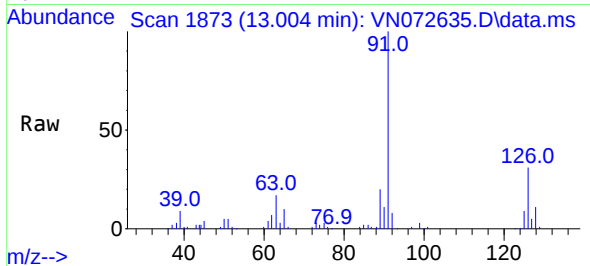
ICVVN052622

Tgt Ion: 91 Resp: 13282
Ion Ratio Lower Upper
91 100
126 31.2 0.0 69.8

Manual Integrations

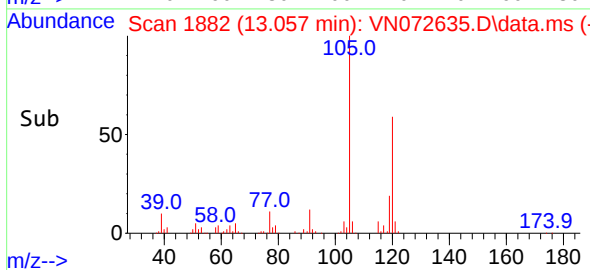
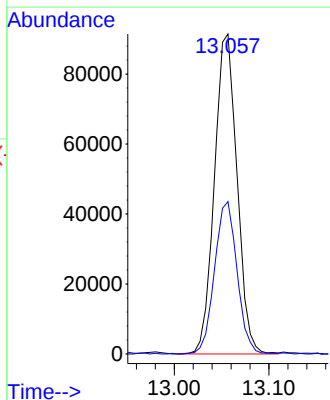
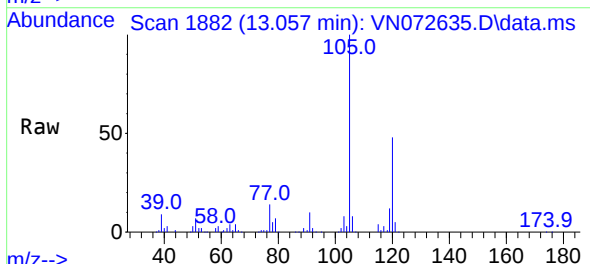
APPROVED

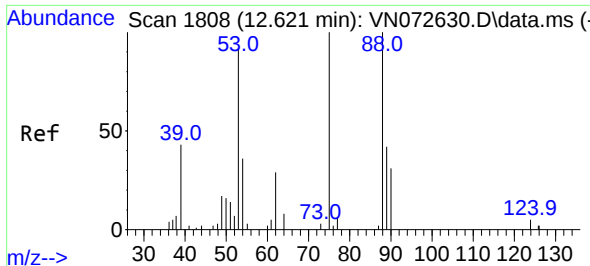
Reviewed By :John Carlone 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022



#76
1,3,5-Trimethylbenzene
Concen: 19.192 ug/l
RT: 13.057 min Scan# 1882
Delta R.T. 0.000 min
Lab File: VN072635.D
Acq: 26 May 2022 16:46

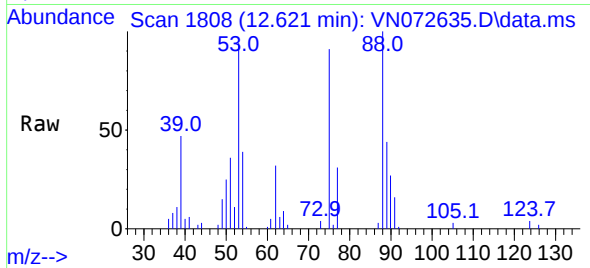
Tgt Ion:105 Resp: 151941
Ion Ratio Lower Upper
105 100
120 47.4 0.0 93.8





#77
t-1,4-Dichloro-2-butene
Concen: 20.205 ug/l
RT: 12.621 min Scan# 1808
Delta R.T. 0.000 min
Lab File: VN072635.D
Acq: 26 May 2022 16:46

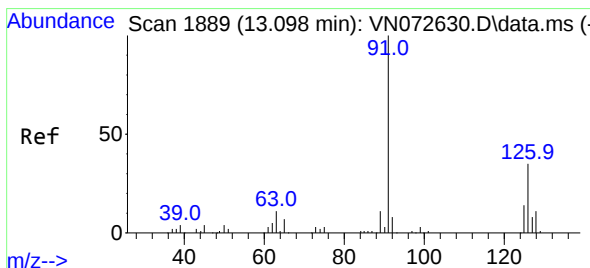
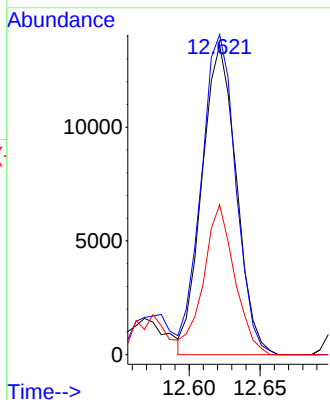
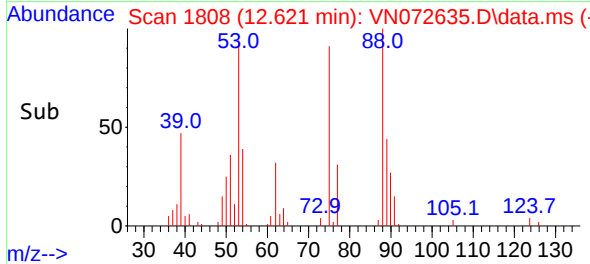
Instrument :
MSVOA_N
ClientSampleId :
ICVVN052622



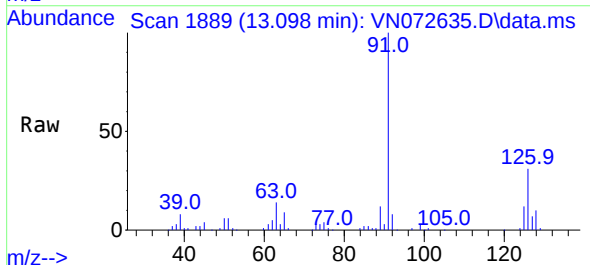
Tgt Ion: 75 Resp: 2294
Ion Ratio Lower Upper
75 100
53 103.3 51.8 155.5
89 48.4 22.9 68.7

Manual Integrations
APPROVED

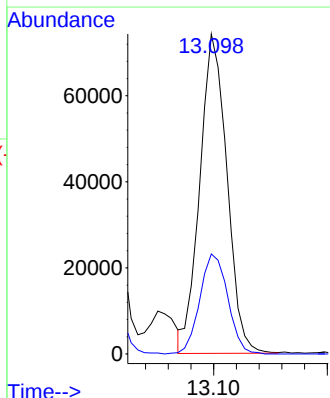
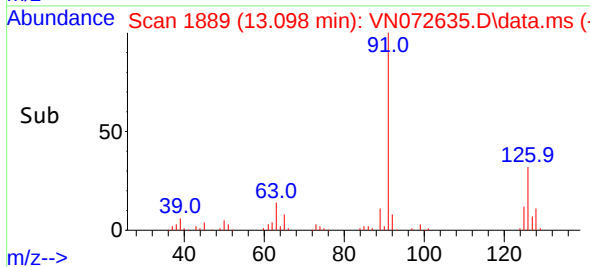
Reviewed By :John Carlone 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022

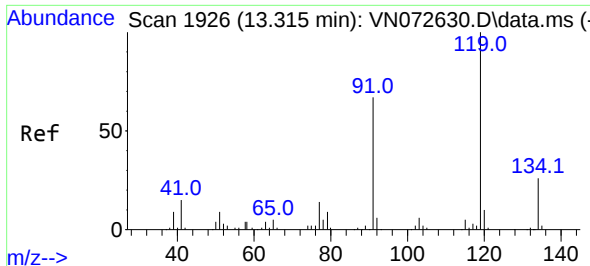


#78
4-Chlorotoluene
Concen: 19.635 ug/l
RT: 13.098 min Scan# 1889
Delta R.T. 0.000 min
Lab File: VN072635.D
Acq: 26 May 2022 16:46



Tgt Ion: 91 Resp: 122993
Ion Ratio Lower Upper
91 100
126 32.3 0.0 70.6





#79
tert-butylbenzene
Concen: 19.704 ug/l
RT: 13.316 min Scan# 1926
Delta R.T. 0.000 min
Lab File: VN072635.D
Acq: 26 May 2022 16:46

Instrument :

MSVOA_N

ClientSampleId :

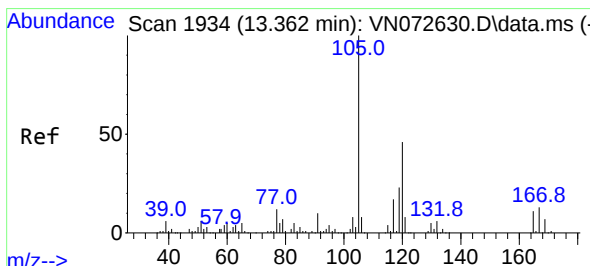
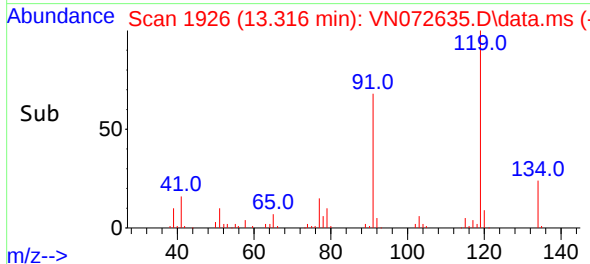
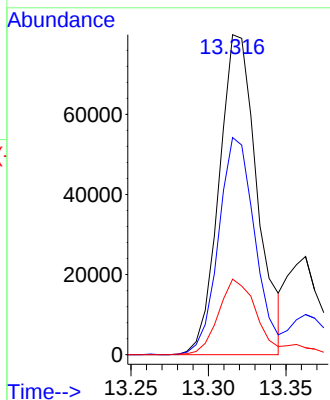
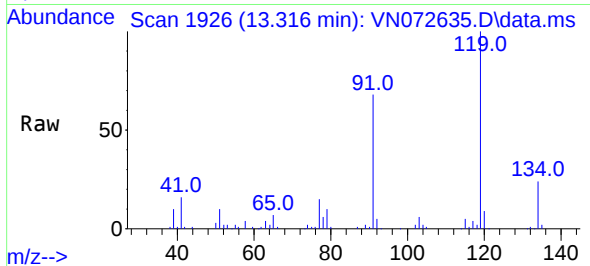
ICVVN052622

Tgt Ion:119 Resp: 136500
Ion Ratio Lower Upper
119 100
91 64.8 0.0 137.0
134 23.2 0.0 47.6

Manual Integrations

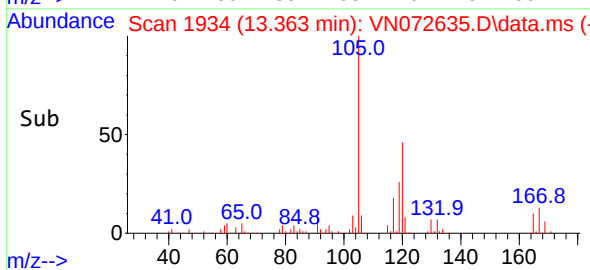
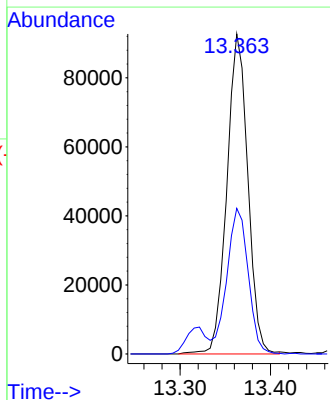
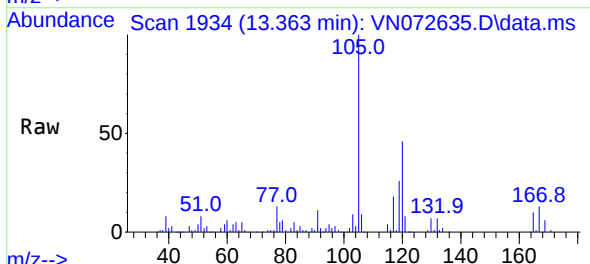
APPROVED

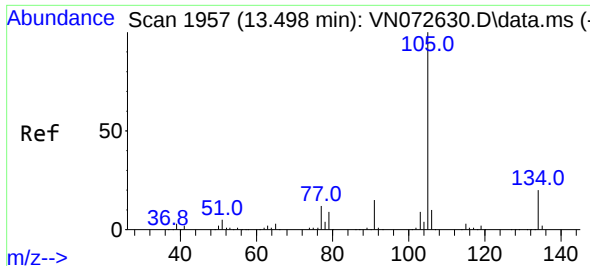
Reviewed By :John Carlone 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022



#80
1,2,4-Trimethylbenzene
Concen: 19.529 ug/l m
RT: 13.363 min Scan# 1934
Delta R.T. 0.000 min
Lab File: VN072635.D
Acq: 26 May 2022 16:46

Tgt Ion:105 Resp: 149217
Ion Ratio Lower Upper
105 100
120 0.1 0.0 0.2





#81
 sec-Butylbenzene
 Concen: 19.746 ug/l
 RT: 13.498 min Scan# 1957
 Delta R.T. 0.000 min
 Lab File: VN072635.D
 Acq: 26 May 2022 16:46

Instrument :

MSVOA_N

ClientSampleId :

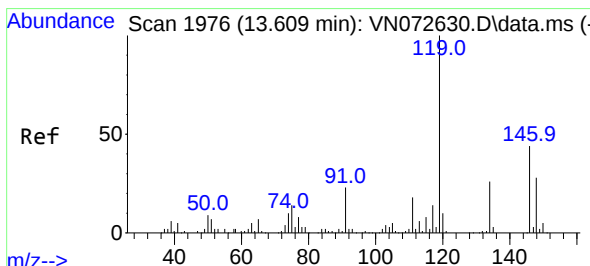
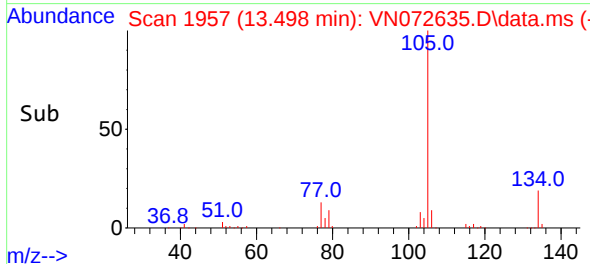
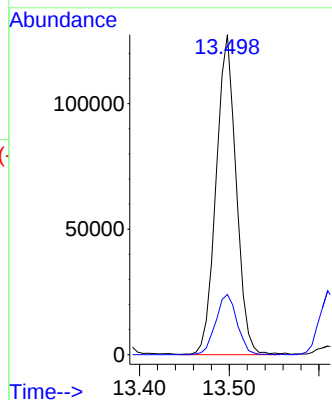
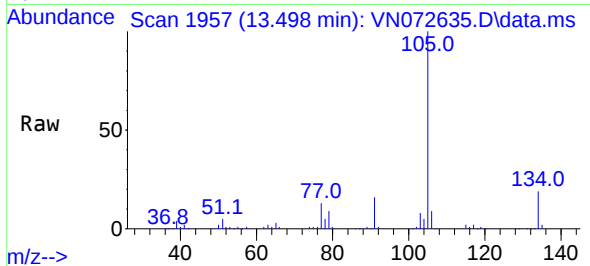
ICVVN052622

Tgt Ion:105 Resp: 19790
 Ion Ratio Lower Upper
 105 100
 134 20.0 0.0 39.4

Manual Integrations

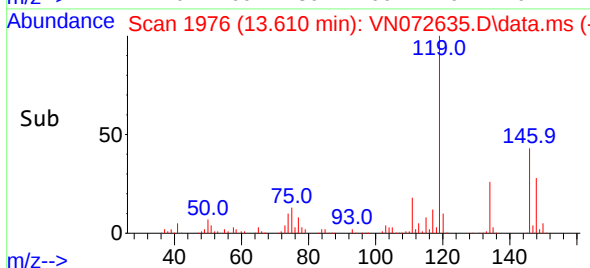
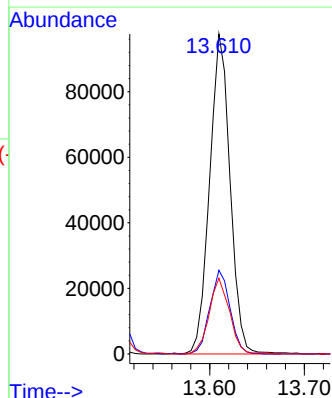
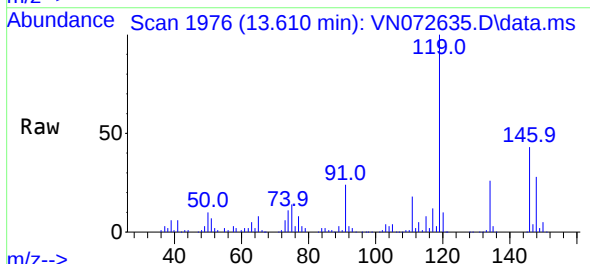
APPROVED

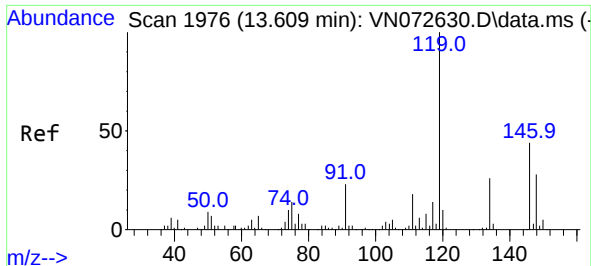
Reviewed By :John Carlone 05/27/2022
 Supervised By :Mahesh Dadoda 05/27/2022



#82
 p-Isopropyltoluene
 Concen: 18.893 ug/l
 RT: 13.610 min Scan# 1976
 Delta R.T. 0.000 min
 Lab File: VN072635.D
 Acq: 26 May 2022 16:46

Tgt Ion:119 Resp: 146795
 Ion Ratio Lower Upper
 119 100
 134 25.7 0.0 51.8
 91 23.4 0.0 50.4





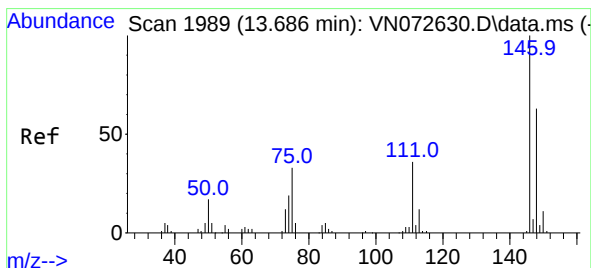
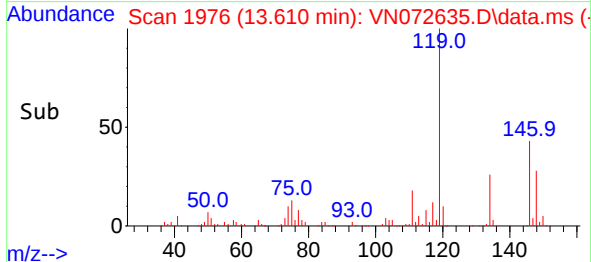
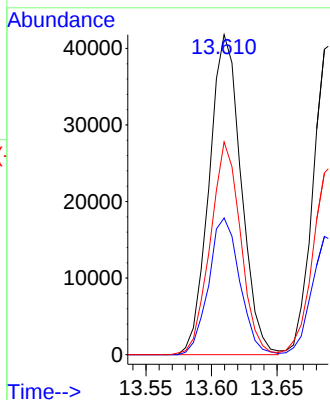
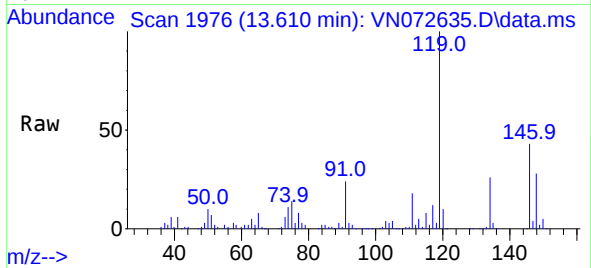
#83
1,3-Dichlorobenzene
Concen: 18.545 ug/l
RT: 13.610 min Scan# 1976
Delta R.T. 0.000 min
Lab File: VN072635.D
Acq: 26 May 2022 16:46

Instrument :
MSVOA_N
ClientSampleId :
ICVVN052622

Tgt Ion:146 Resp: 70929
Ion Ratio Lower Upper
146 100
111 41.5 20.8 62.2
148 62.9 31.4 94.3

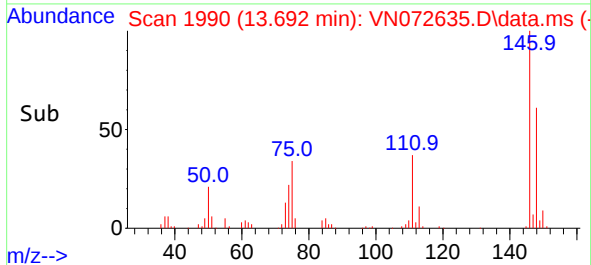
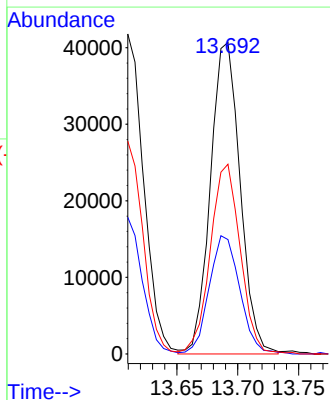
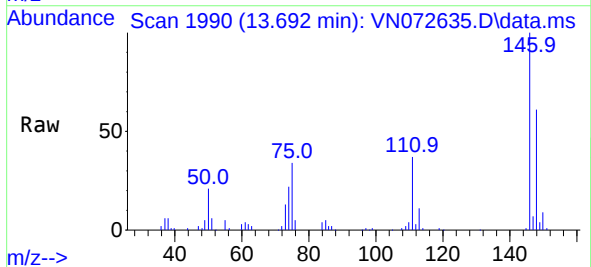
Manual Integrations
APPROVED

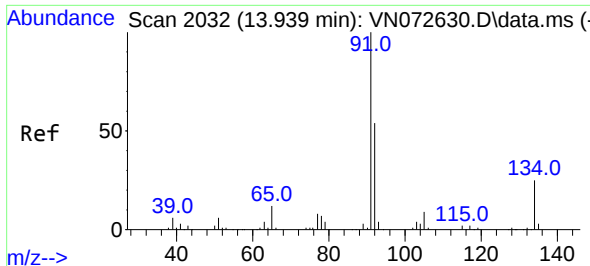
Reviewed By :John Carlone 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022



#84
1,4-Dichlorobenzene
Concen: 18.626 ug/l
RT: 13.692 min Scan# 1990
Delta R.T. 0.006 min
Lab File: VN072635.D
Acq: 26 May 2022 16:46

Tgt Ion:146 Resp: 69211
Ion Ratio Lower Upper
146 100
111 39.1 19.5 58.5
148 61.6 31.1 93.5





#85
n-Butylbenzene
Concen: 21.172 ug/l
RT: 13.939 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VN072635.D
Acq: 26 May 2022 16:46

Instrument :

MSVOA_N

ClientSampleId :

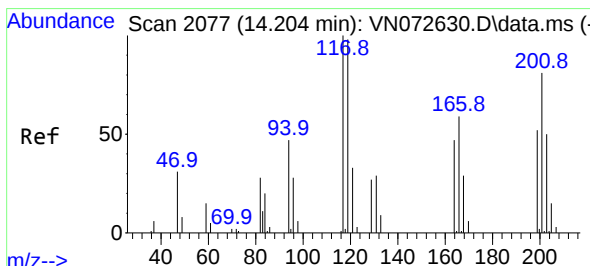
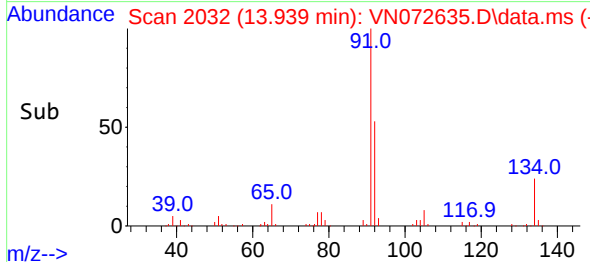
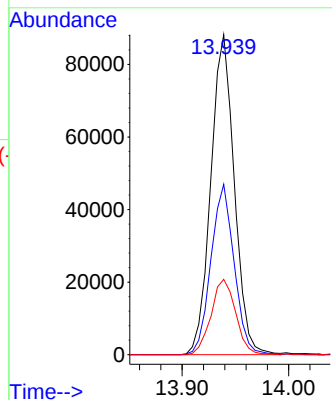
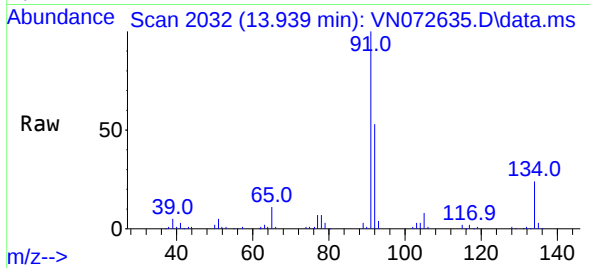
ICVVN052622

Tgt Ion: 91 Resp: 13517
Ion Ratio Lower Upper
91 100
92 52.5 0.0 100.6
134 24.6 0.0 50.2

Manual Integrations

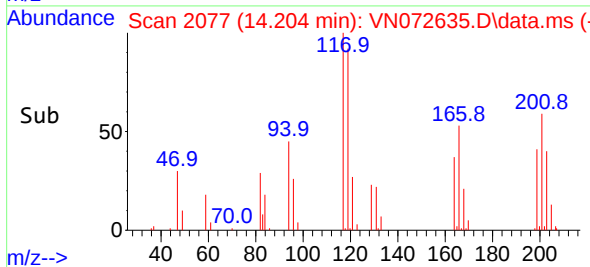
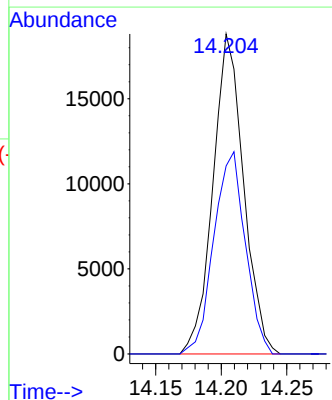
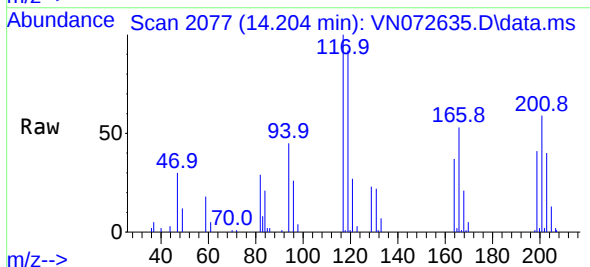
APPROVED

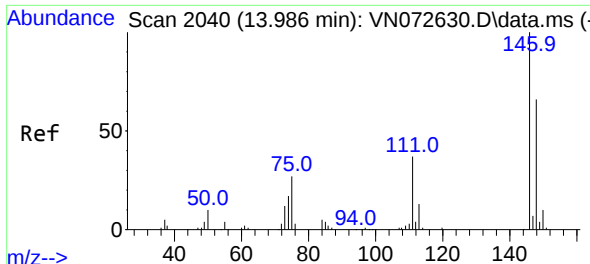
Reviewed By :John Carlone 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022



#86
Hexachloroethane
Concen: 19.745 ug/l
RT: 14.204 min Scan# 2077
Delta R.T. 0.000 min
Lab File: VN072635.D
Acq: 26 May 2022 16:46

Tgt Ion:117 Resp: 30555
Ion Ratio Lower Upper
117 100
201 65.0 33.3 99.8





#87

1,2-Dichlorobenzene

Concen: 21.075 ug/l

RT: 13.980 min Scan# 2040

Delta R.T. -0.006 min

Lab File: VN072635.D

Acq: 26 May 2022 16:46

Instrument :

MSVOA_N

ClientSampleId :

ICVVN052622

Tgt Ion:146 Resp: 7961

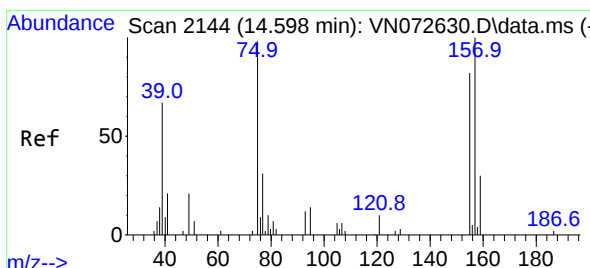
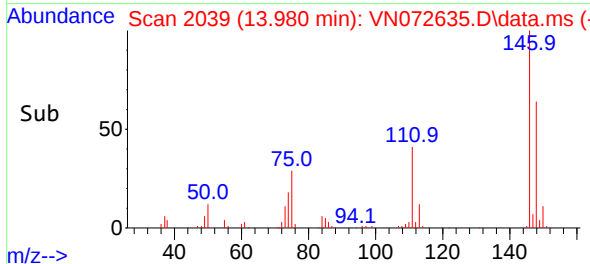
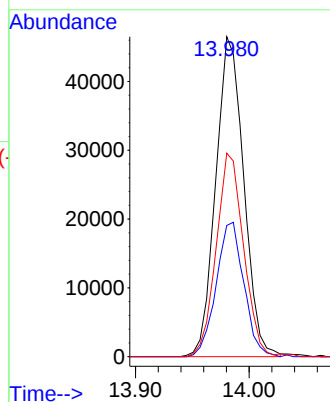
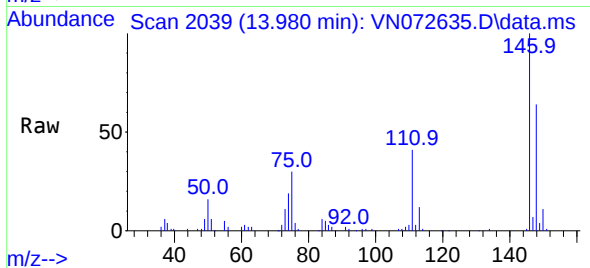
Ion	Ratio	Lower	Upper
146	100		
111	41.5	21.4	64.2
148	62.1	32.5	97.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/27/2022

Supervised By :Mahesh Dadoda 05/27/2022



#88

1,2-Dibromo-3-Chloropropane

Concen: 20.892 ug/l

RT: 14.604 min Scan# 2145

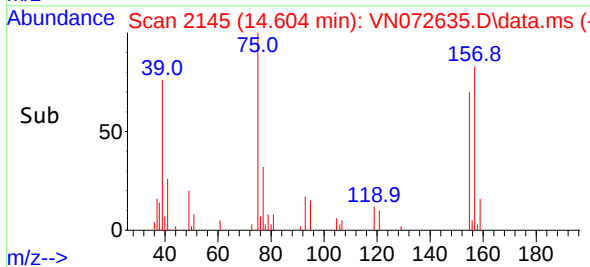
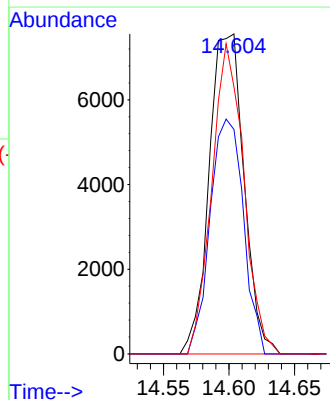
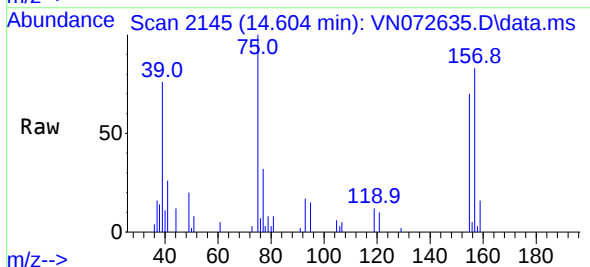
Delta R.T. 0.006 min

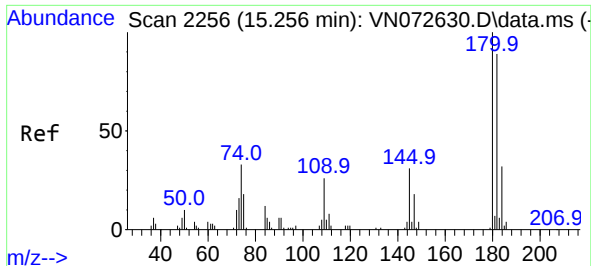
Lab File: VN072635.D

Acq: 26 May 2022 16:46

Tgt Ion: 75 Resp: 13979

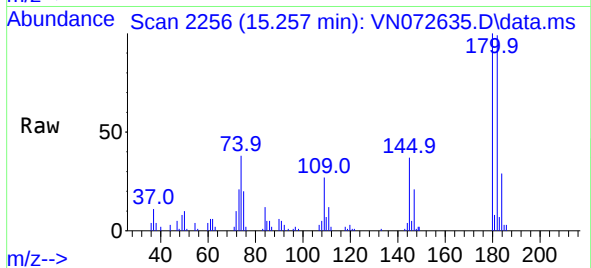
Ion	Ratio	Lower	Upper
75	100		
155	70.1	63.8	95.8
157	88.7	77.9	116.9





#89
1,2,4-Trichlorobenzene
Concen: 17.923 ug/l
RT: 15.257 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN072635.D
Acq: 26 May 2022 16:46

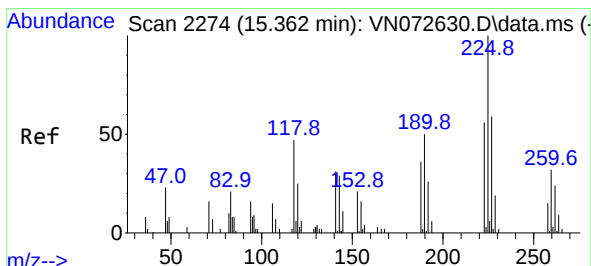
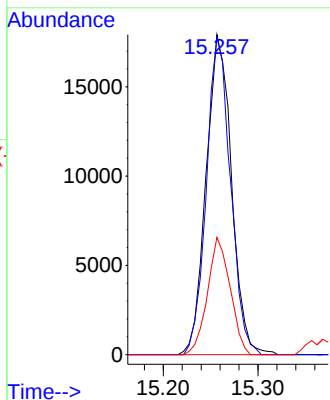
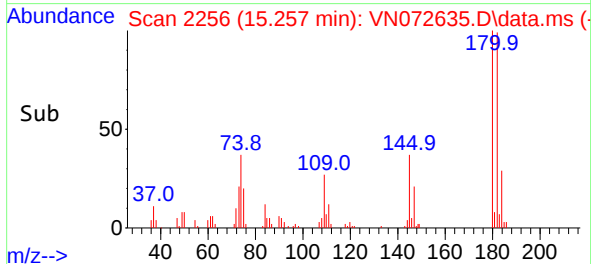
Instrument :
MSVOA_N
ClientSampleId :
ICVVN052622



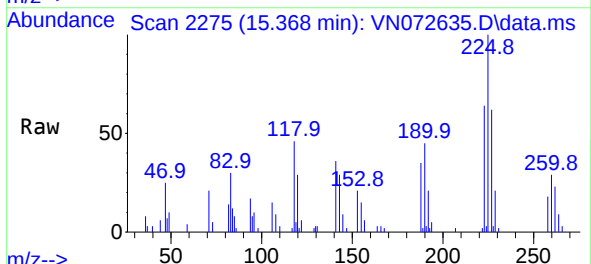
Tgt Ion:180 Resp: 33400
Ion Ratio Lower Upper
180 100
182 94.3 77.7 116.5
145 32.7 26.6 39.8

Manual Integrations
APPROVED

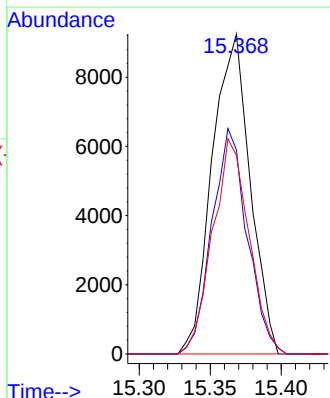
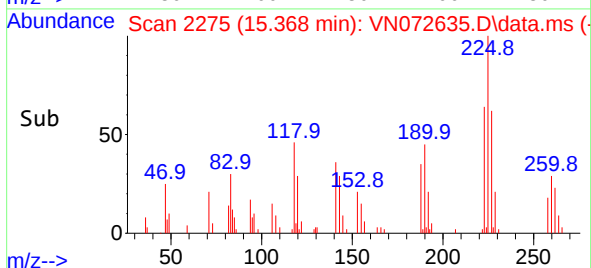
Reviewed By :John Carlone 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022

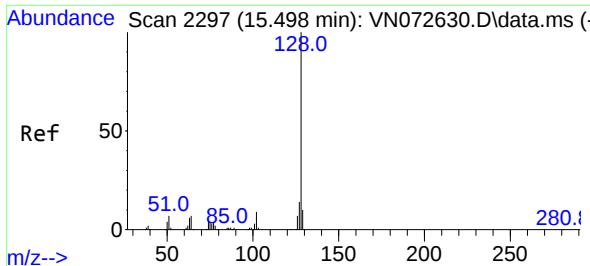


#90
Hexachlorobutadiene
Concen: 18.378 ug/l
RT: 15.368 min Scan# 2275
Delta R.T. 0.006 min
Lab File: VN072635.D
Acq: 26 May 2022 16:46



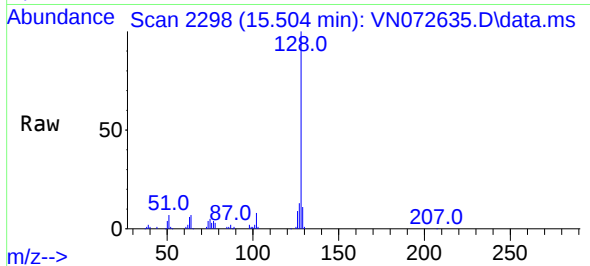
Tgt Ion:225 Resp: 17179
Ion Ratio Lower Upper
225 100
223 65.5 0.0 126.8
227 64.4 0.0 123.0





#91
Naphthalene
Concen: 22.831 ug/l
RT: 15.504 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN072635.D
Acq: 26 May 2022 16:46

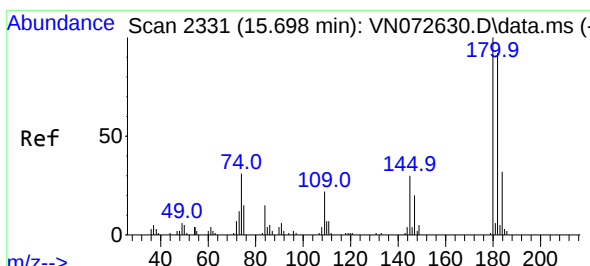
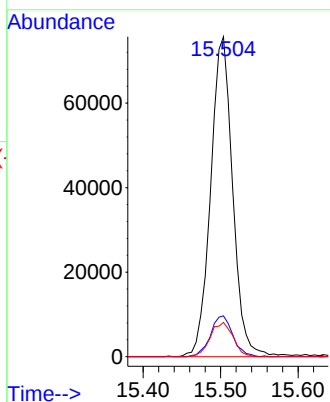
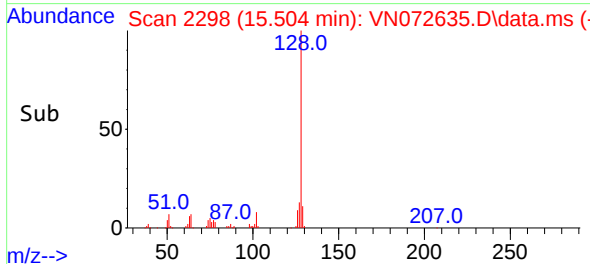
Instrument :
MSVOA_N
ClientSampleId :
ICVVN052622



Tgt Ion:128 Resp: 149329
Ion Ratio Lower Upper
128 100
127 13.0 10.7 16.1
129 11.1 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: 22.829 ug/l
RT: 15.692 min Scan# 2330
Delta R.T. -0.006 min
Lab File: VN072635.D
Acq: 26 May 2022 16:46

Tgt Ion:180 Resp: 43440
Ion Ratio Lower Upper
180 100
182 94.6 0.0 190.0
145 32.2 0.0 67.8

