

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110921\
 Data File : VN069417.D
 Acq On : 9 Nov 2021 11:39
 Operator : JC/MD
 Sample : VSTDICCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/10/2021
 Supervised By : Semsettin Yesilyurt 11/17/2021

Quant Time: Nov 09 13:46:19 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N110921W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 09 13:40:38 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	1087082	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1790265	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	1737193	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	775265	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	740513	60.751	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 121.500%			
35) Dibromofluoromethane	8.021	113	522888	54.358	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 108.720%			
50) Toluene-d8	10.441	98	2125107	56.144	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 112.280%			
62) 4-Bromofluorobenzene	12.734	95	781040	58.794	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 117.580%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.073	85	608256	62.487	ug/l	100
3) Chloromethane	2.303	50	646998	62.244	ug/l	98
4) Vinyl Chloride	2.446	62	681202	56.396	ug/l	99
5) Bromomethane	2.845	94	409037	42.070	ug/l	97
6) Chloroethane	3.014	64	447230	54.056	ug/l	96
7) Trichlorofluoromethane	3.371	101	1050288	48.813	ug/l	97
8) Diethyl Ether	3.821	74	327542	60.236	ug/l	85
9) 1,1,2-Trichlorotrifluo...	4.202	101	489293	57.675	ug/l	93
10) Methyl Iodide	4.414	142	604924	56.675	ug/l	97
11) Tert butyl alcohol	5.385	59	696619	320.408	ug/l	100
12) 1,1-Dichloroethene	4.175	96	443854	56.726	ug/l	89
13) Acrolein	4.041	56	96604	240.664	ug/l	100
14) Allyl chloride	4.838	41	978061	67.586	ug/l	97
15) Acrylonitrile	5.554	53	1838578	332.176	ug/l	99
16) Acetone	4.288	43	2139737	345.230	ug/l	97
17) Carbon Disulfide	4.524	76	1046124	58.898	ug/l	100
18) Methyl Acetate	4.857	43	1343335	64.975	ug/l	92
19) Methyl tert-butyl Ether	5.618	73	1879050	60.785	ug/l	98
20) Methylene Chloride	5.093	84	566985	54.196	ug/l	88
21) trans-1,2-Dichloroethene	5.594	96	487630	56.554	ug/l	87
22) Diisopropyl ether	6.498	45	2124713	68.741	ug/l	95
23) Vinyl Acetate	6.434	43	8463241	355.119	ug/l	95
24) 1,1-Dichloroethane	6.385	63	1062178	62.466	ug/l	98
25) 2-Butanone	7.337	43	2939769	357.817	ug/l	93
26) 2,2-Dichloropropane	7.327	77	871338	61.111	ug/l	97
27) cis-1,2-Dichloroethene	7.324	96	614366	57.369	ug/l	88
28) Bromochloromethane	7.657	49	527569	58.833	ug/l #	80
29) Tetrahydrofuran	7.686	42	1850432	363.157	ug/l	90
30) Chloroform	7.820	83	1101331	59.875	ug/l	100
31) Cyclohexane	8.094	56	1013728	58.561	ug/l	89
32) 1,1,1-Trichloroethane	8.016	97	947629	59.977	ug/l	97
36) 1,1-Dichloropropene	8.223	75	793287	58.498	ug/l	97
37) Ethyl Acetate	7.415	43	1099259	67.071	ug/l	95
38) Carbon Tetrachloride	8.206	117	774245	56.622	ug/l	98
39) Methylcyclohexane	9.462	83	1009495	59.178	ug/l	93
40) Benzene	8.459	78	2405349	57.635	ug/l	98

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.638	41	522123	66.150	ug/l	92
42) 1,2-Dichloroethane	8.531	62	935999	60.344	ug/l	97
43) Isopropyl Acetate	8.563	43	1732935	67.910	ug/l	95
44) Trichloroethene	9.218	130	576002	52.851	ug/l	87
45) 1,2-Dichloropropane	9.491	63	651082	60.363	ug/l	100
46) Dibromomethane	9.577	93	433850	57.680	ug/l	91
47) Bromodichloromethane	9.762	83	848178	61.780	ug/l	99
48) Methyl methacrylate	9.561	41	850154	73.733	ug/l	86
49) 1,4-Dioxane	9.572	88	293112	1170.226	ug/l	91
51) 4-Methyl-2-Pentanone	10.331	43	5810803	350.785	ug/l	96
52) Toluene	10.505	92	1553115	58.117	ug/l	100
53) t-1,3-Dichloropropene	10.719	75	912462	64.222	ug/l	100
54) cis-1,3-Dichloropropene	10.188	75	984465	63.189	ug/l	90
55) 1,1,2-Trichloroethane	10.899	97	624751	57.791	ug/l	99
56) Ethyl methacrylate	10.762	69	1063816	65.009	ug/l	88
57) 1,3-Dichloropropane	11.044	76	1075759	59.401	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.041	63	1215055	337.148	ug/l	93
59) 2-Hexanone	11.087	43	4359331	354.506	ug/l	94
60) Dibromochloromethane	11.240	129	616927	60.560	ug/l	100
61) 1,2-Dibromoethane	11.347	107	648272	58.987	ug/l	98
64) Tetrachloroethene	10.977	164	535476	50.086	ug/l	95
65) Chlorobenzene	11.771	112	1664180	53.766	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.843	131	603642	55.462	ug/l	99
67) Ethyl Benzene	11.846	91	3120857	57.472	ug/l	97
68) m/p-Xylenes	11.953	106	2334443	124.182	ug/l	95
69) o-Xylene	12.280	106	1164347	56.876	ug/l	94
70) Styrene	12.294	104	1902932	58.923	ug/l	97
71) Bromoform	12.460	173	449601	57.339	ug/l #	99
73) Isopropylbenzene	12.578	105	3096200	55.686	ug/l	98
74) N-amyl acetate	12.388	43	1375557	69.421	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.827	83	1024016	57.050	ug/l	98
76) 1,2,3-Trichloropropane	12.881	75	902076m	53.994	ug/l	
77) Bromobenzene	12.862	156	698617	50.860	ug/l	81
78) n-propylbenzene	12.921	91	3555693	58.837	ug/l	96
79) 2-Chlorotoluene	13.010	91	2128741	56.858	ug/l	94
80) 1,3,5-Trimethylbenzene	13.061	105	2532396	57.065	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.626	75	276000	65.114	ug/l	95
82) 4-Chlorotoluene	13.106	91	2051744	57.850	ug/l	94
83) tert-Butylbenzene	13.324	119	2238707	55.010	ug/l	94
84) 1,2,4-Trimethylbenzene	13.369	105	2497368	58.151	ug/l	98
85) sec-Butylbenzene	13.503	105	3169836	58.353	ug/l	98
86) p-Isopropyltoluene	13.616	119	2550987	57.894	ug/l	97
87) 1,3-Dichlorobenzene	13.616	146	1252539	53.343	ug/l	97
88) 1,4-Dichlorobenzene	13.696	146	1215576	52.265	ug/l	98
89) n-Butylbenzene	13.943	91	2152942	62.439	ug/l	97
90) Hexachloroethane	14.211	117	427094	60.190	ug/l	86
91) 1,2-Dichlorobenzene	13.989	146	1200119	52.086	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.606	75	184592	64.421	ug/l	81
93) 1,2,4-Trichlorobenzene	15.265	180	578361	55.069	ug/l	97
94) Hexachlorobutadiene	15.370	225	322773	49.439	ug/l	99
95) Naphthalene	15.507	128	1533003	53.910	ug/l	99
96) 1,2,3-Trichlorobenzene	15.700	180	551922	53.397	ug/l	99

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Quant Title : SW846 8260
QLast Update : Tue Nov 09 13:40:38 2021
Response via : Initial Calibration

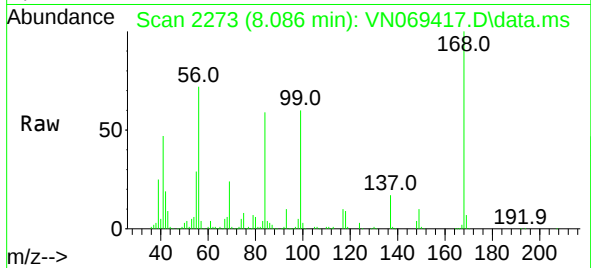
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 2273
Delta R.T. -0.000 min
Lab File: VN069417.D
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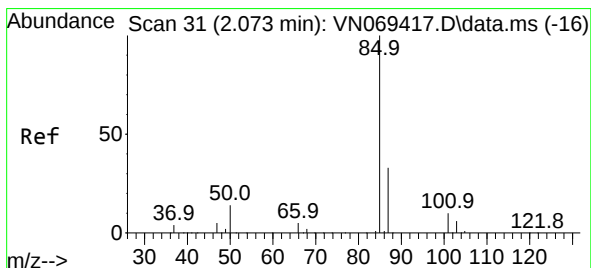
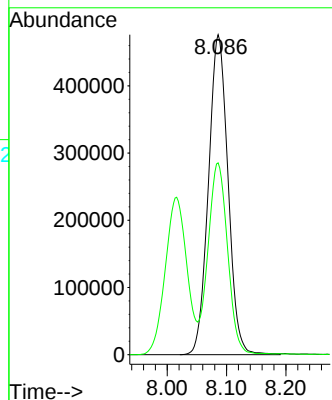
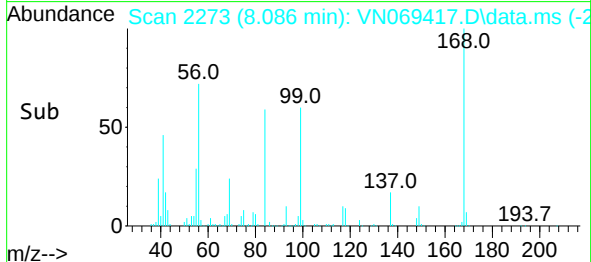
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion:168 Resp: 108708
Ion Ratio Lower Upper
168 100
99 59.7 41.3 61.9

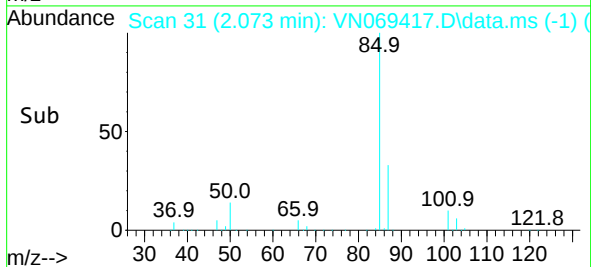
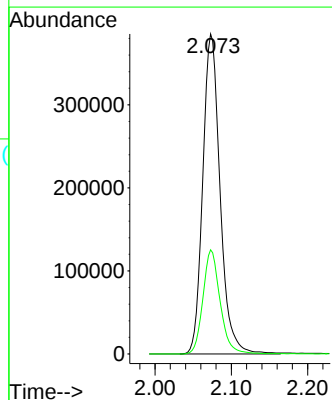
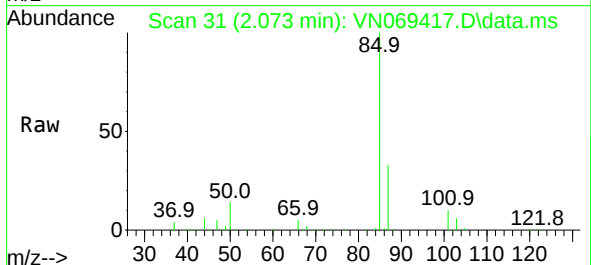
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#2
Dichlorodifluoromethane
Concen: 62.487 ug/l
RT: 2.073 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN069417.D
Acq: 9 Nov 2021 11:39

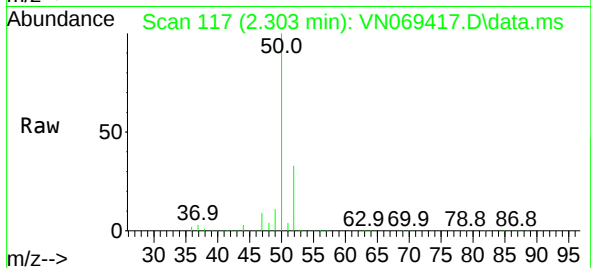
Tgt Ion: 85 Resp: 608256
Ion Ratio Lower Upper
85 100
87 32.6 16.3 48.9





#3
Chloromethane
Concen: 62.244 ug/l
RT: 2.303 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN069417.D
Acq: 9 Nov 2021 11:39

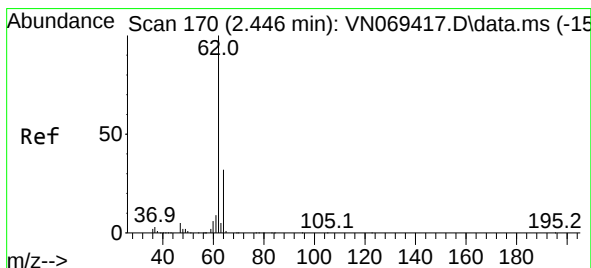
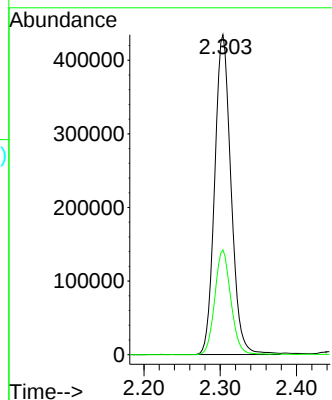
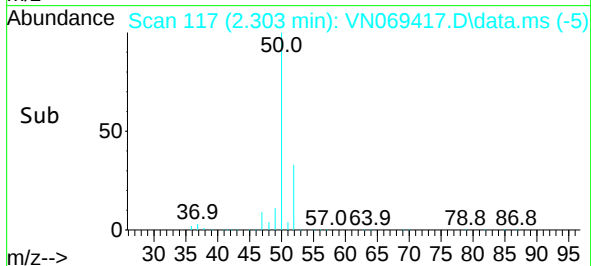
Instrument :
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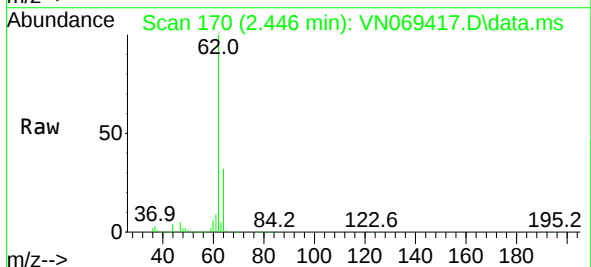
Tgt Ion: 50 Resp: 646998
Ion Ratio Lower Upper
50 100
52 32.8 25.4 38.0

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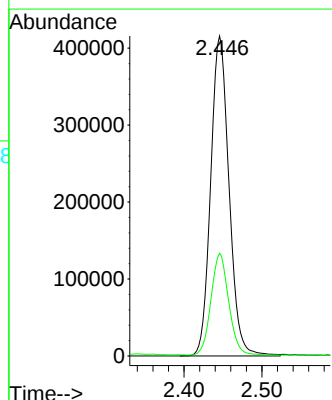
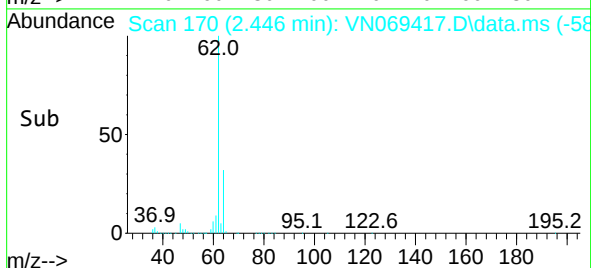
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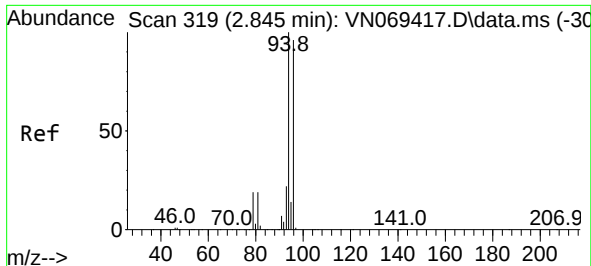


#4
Vinyl Chloride
Concen: 56.396 ug/l
RT: 2.446 min Scan# 170
Delta R.T. 0.000 min
Lab File: VN069417.D
Acq: 9 Nov 2021 11:39



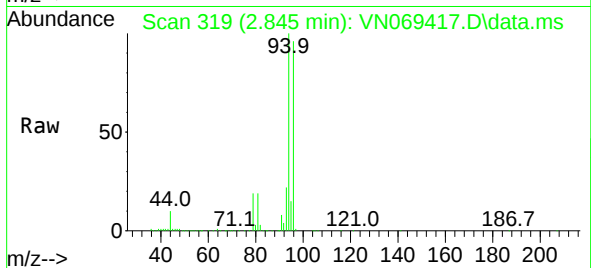
Tgt Ion: 62 Resp: 681202
Ion Ratio Lower Upper
62 100
64 31.9 25.8 38.6





#5
Bromomethane
Concen: 42.070 ug/l
RT: 2.845 min Scan# 319
Delta R.T. 0.000 min
Lab File: VN069417.D
Acq: 9 Nov 2021 11:39

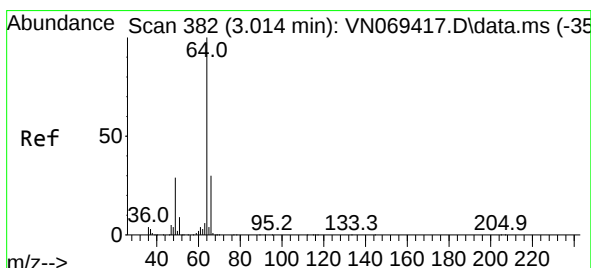
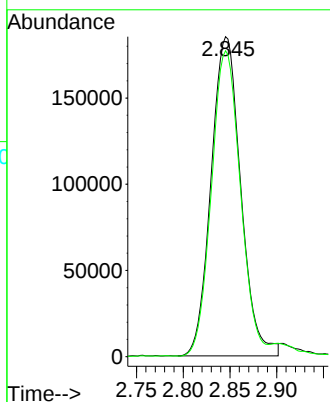
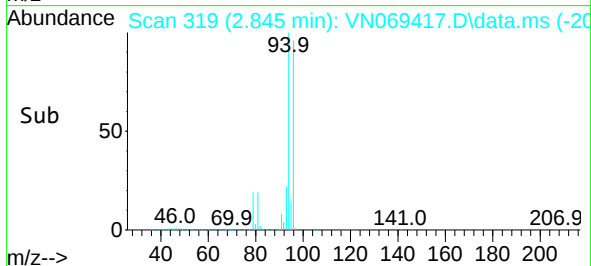
Instrument :
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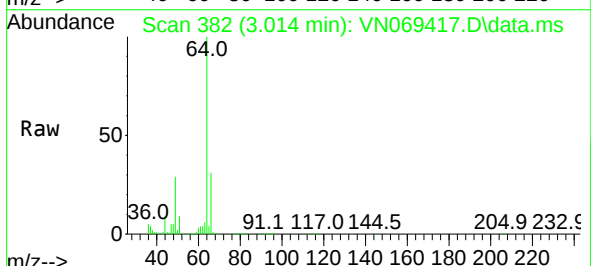
Tgt Ion: 94 Resp: 40903
Ion Ratio Lower Upper
94 100
96 95.6 73.8 110.8

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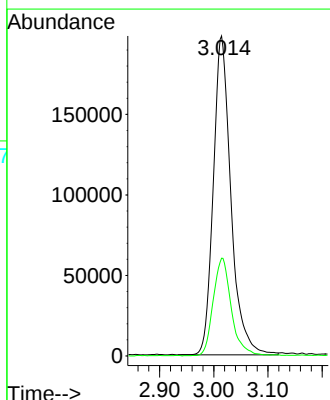
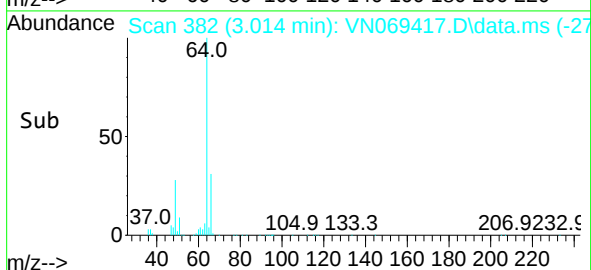
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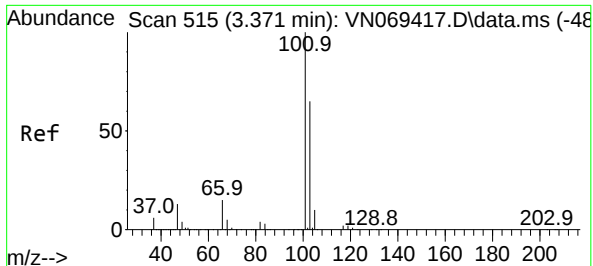


#6
Chloroethane
Concen: 54.056 ug/l
RT: 3.014 min Scan# 382
Delta R.T. 0.000 min
Lab File: VN069417.D
Acq: 9 Nov 2021 11:39



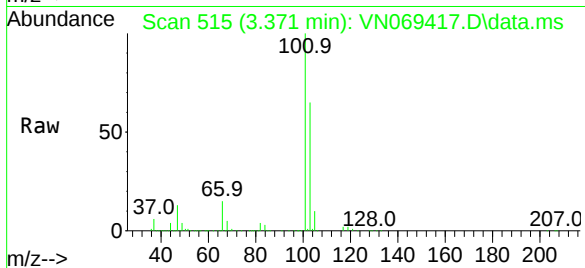
Tgt Ion: 64 Resp: 447230
Ion Ratio Lower Upper
64 100
66 30.5 26.3 39.5





#7
Trichlorofluoromethane
Concen: 48.813 ug/l
RT: 3.371 min Scan# 515
Delta R.T. 0.000 min
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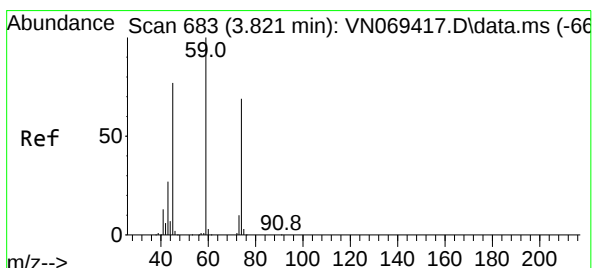
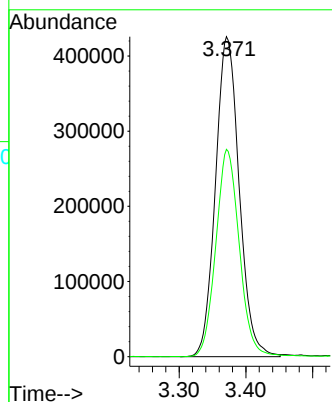
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MSVOA_N
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Tgt Ion:101 Resp: 105028
Ion Ratio Lower Upper
101 100
103 64.8 50.1 75.1

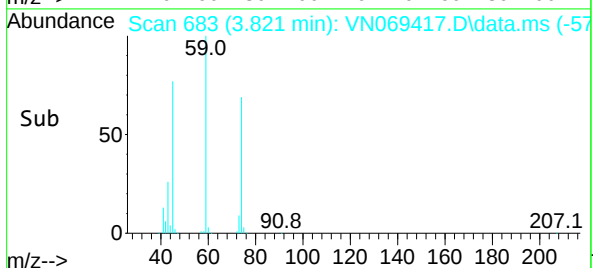
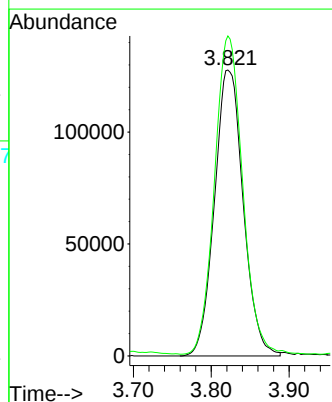
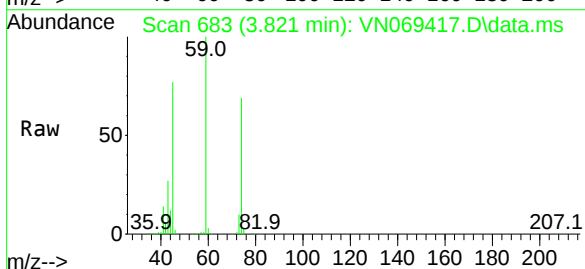
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#8
Diethyl Ether
Concen: 60.236 ug/l
RT: 3.821 min Scan# 683
Delta R.T. 0.000 min
Lab File: VN069417.D
Acq: 9 Nov 2021 11:39

Tgt Ion: 74 Resp: 327542
Ion Ratio Lower Upper
74 100
45 108.4 47.0 141.2





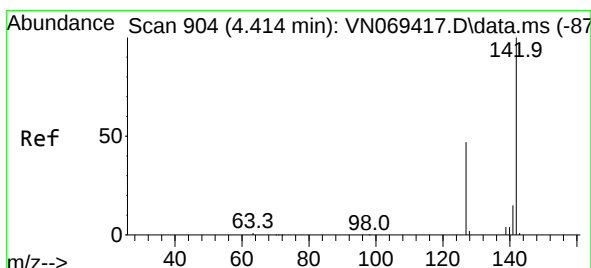
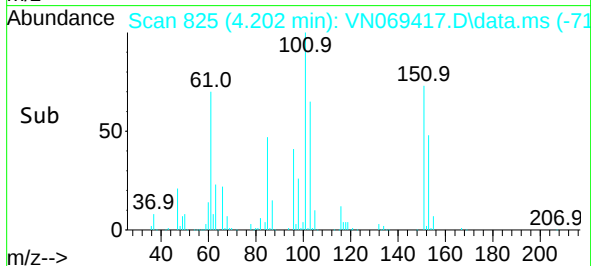
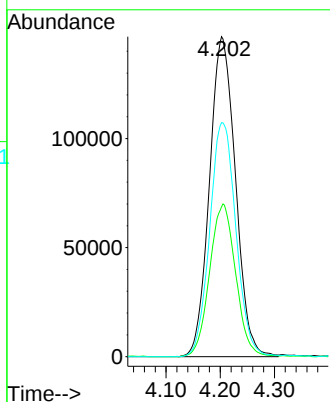
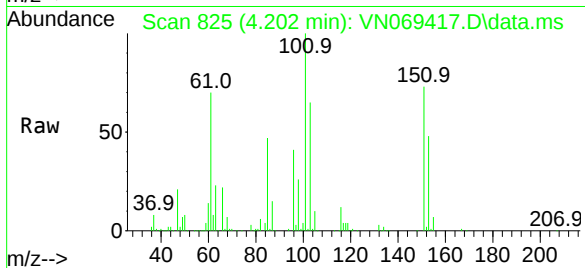
#9
1,1,2-Trichlorotrifluoroethane
Concen: 57.675 ug/l
RT: 4.202 min Scan# 825
Delta R.T. 0.000 min
Lab File: VN069417.D
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Tgt Ion:101 Resp: 48929
Ion Ratio Lower Upper
101 100
85 47.7 37.2 55.8
151 73.8 65.9 98.9

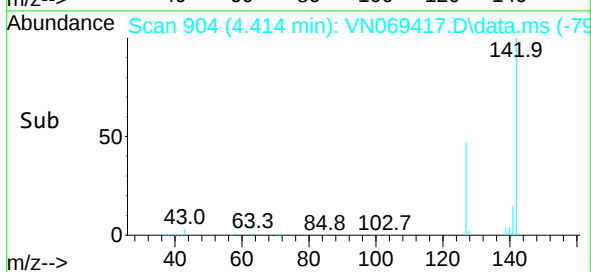
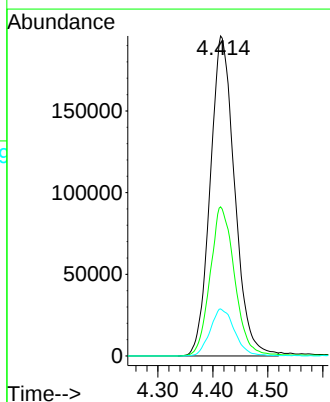
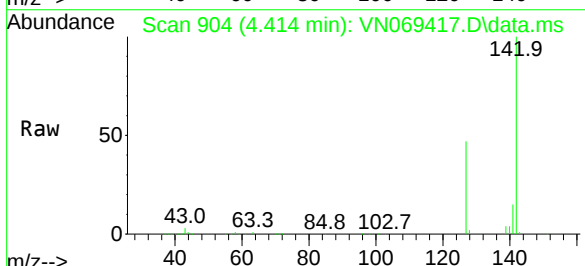
Manual Integrations
APPROVED

Reviewed By :John Carlone 11/10/2021
Supervised By :Semsettin Yesilyurt 11/17/2021



#10
Methyl Iodide
Concen: 56.675 ug/l
RT: 4.414 min Scan# 904
Delta R.T. 0.000 min
Lab File: VN069417.D
Acq: 9 Nov 2021 11:39

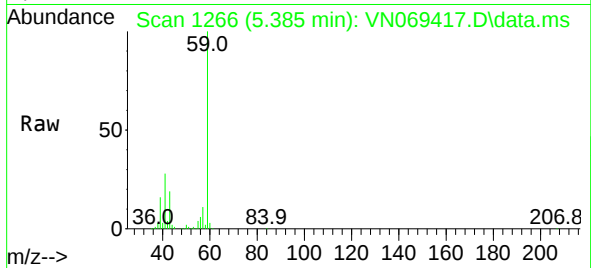
Tgt Ion:142 Resp: 604924
Ion Ratio Lower Upper
142 100
127 46.8 35.4 53.0
141 14.8 11.6 17.4





#11
Tert butyl alcohol
Concen: 320.408 ug/l
RT: 5.385 min Scan# 1266
Delta R.T. 0.000 min
Lab File: VN069417.D
Acq: 9 Nov 2021 11:39

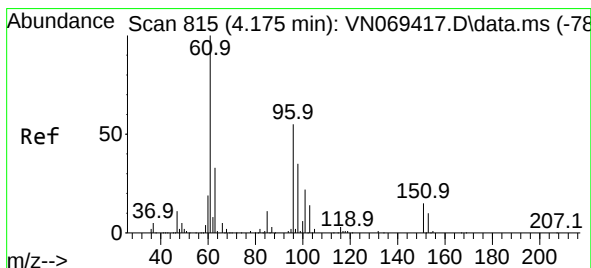
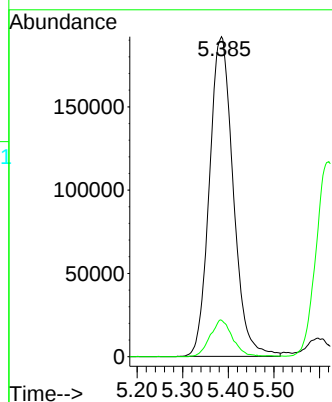
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 59 Resp: 696619
Ion Ratio Lower Upper
59 100
57 10.9 8.7 13.1

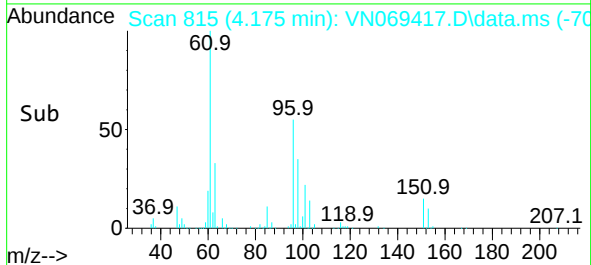
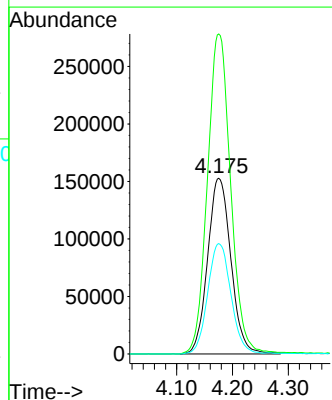
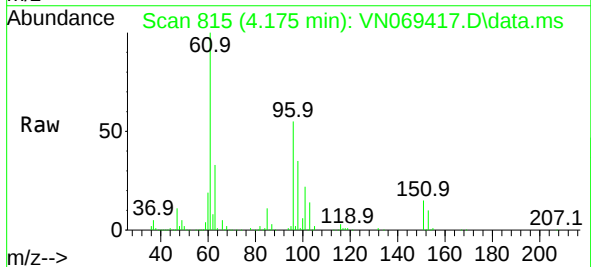
Manual Integrations
APPROVED

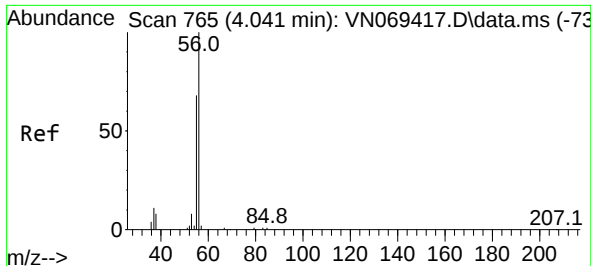
Reviewed By :John Carlone 11/10/2021
Supervised By :Semsettin Yesilyurt 11/17/2021



#12
1,1-Dichloroethene
Concen: 56.726 ug/l
RT: 4.175 min Scan# 815
Delta R.T. 0.000 min
Lab File: VN069417.D
Acq: 9 Nov 2021 11:39

Tgt Ion: 96 Resp: 443854
Ion Ratio Lower Upper
96 100
61 182.0 131.0 196.6
98 62.8 52.4 78.6





#13

Acrolein

Concen: 240.664 ug/l

RT: 4.041 min Scan# 765

Delta R.T. 0.000 min

Lab File: VN069417.D

Acq: 9 Nov 2021 11:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tgt Ion: 56 Resp: 96604

Ion Ratio Lower Upper

56 100

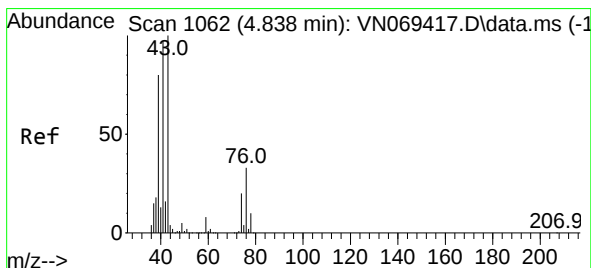
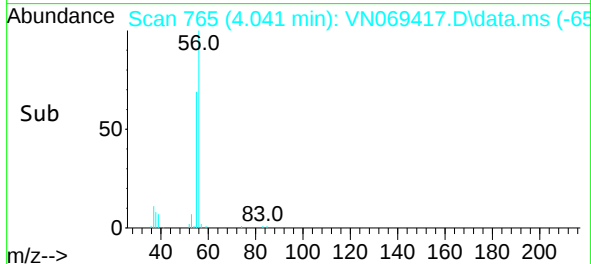
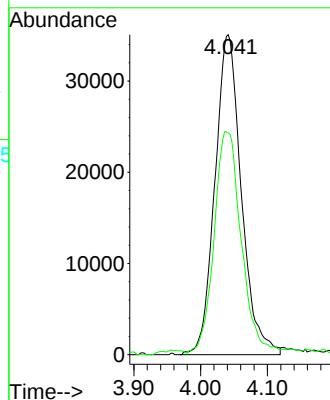
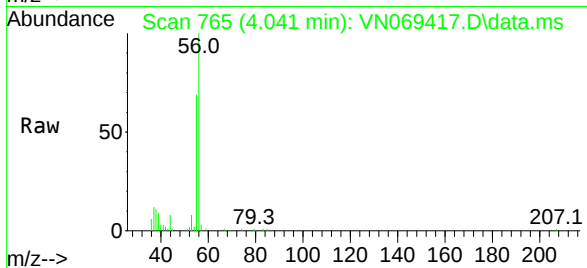
55 70.7 56.6 85.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/10/2021

Supervised By :Semsettin Yesilyurt 11/17/2021



#14

Allyl chloride

Concen: 67.586 ug/l

RT: 4.838 min Scan# 1062

Delta R.T. 0.000 min

Lab File: VN069417.D

Acq: 9 Nov 2021 11:39

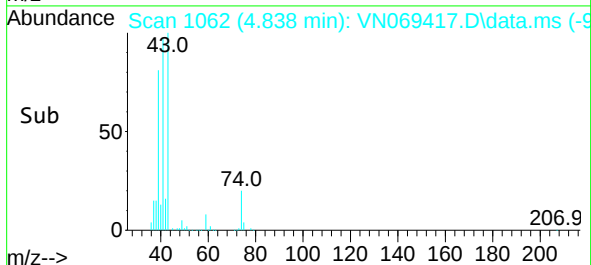
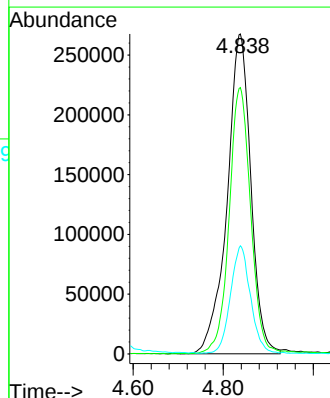
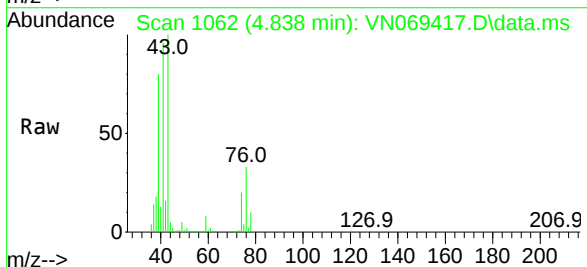
Tgt Ion: 41 Resp: 978061

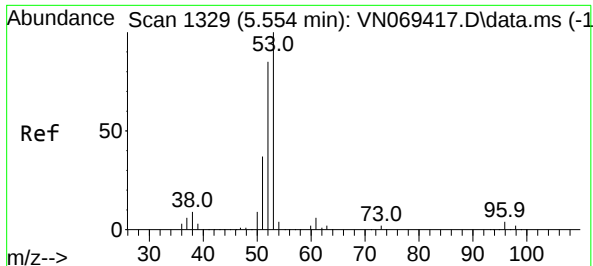
Ion Ratio Lower Upper

41 100

39 75.3 61.2 91.8

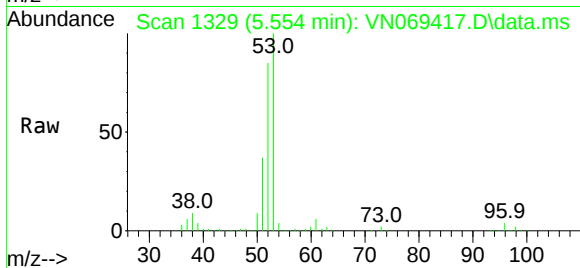
76 28.0 26.0 39.0





#15
Acrylonitrile
Concen: 332.176 ug/l
RT: 5.554 min Scan# 1329
Delta R.T. 0.000 min
Lab File: VN069417.D
Acq: 9 Nov 2021 11:39

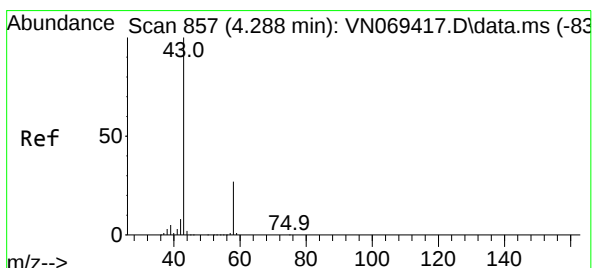
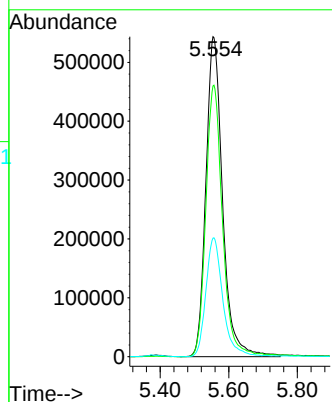
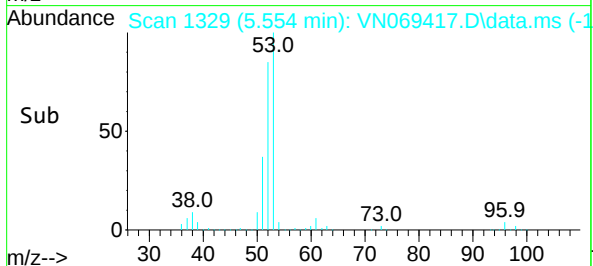
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 53 Resp: 1838578
Ion Ratio Lower Upper
53 100
52 84.0 66.2 99.2
51 37.7 29.6 44.4

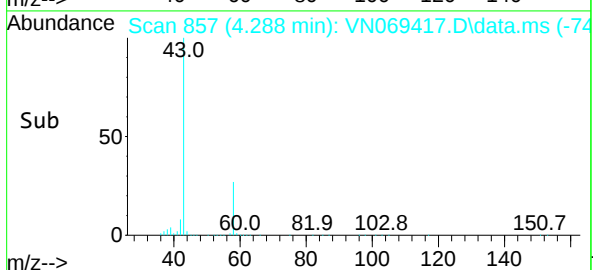
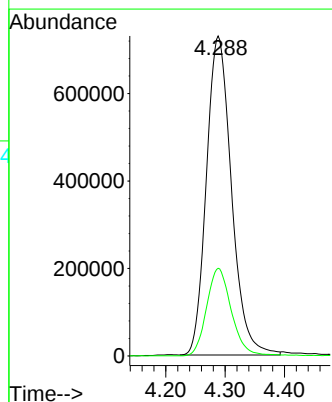
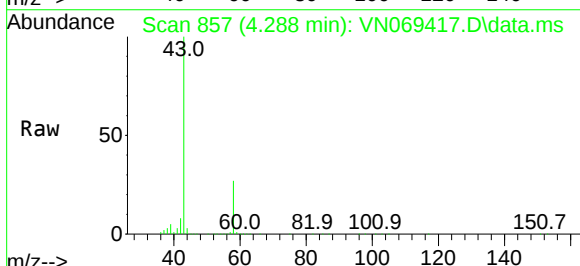
Manual Integrations
APPROVED

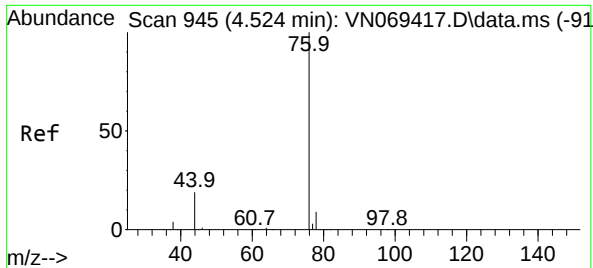
Reviewed By :John Carlone 11/10/2021
Supervised By :Semsettin Yesilyurt 11/17/2021



#16
Acetone
Concen: 345.230 ug/l
RT: 4.288 min Scan# 857
Delta R.T. 0.000 min
Lab File: VN069417.D
Acq: 9 Nov 2021 11:39

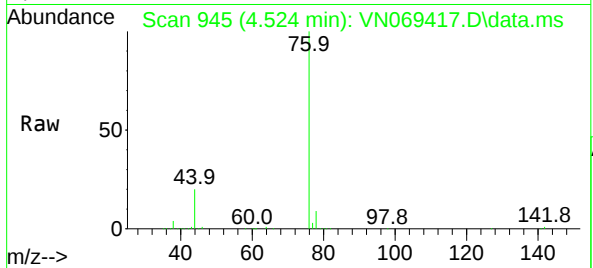
Tgt Ion: 43 Resp: 2139737
Ion Ratio Lower Upper
43 100
58 27.4 23.1 34.7





#17
Carbon Disulfide
Concen: 58.898 ug/l
RT: 4.524 min Scan# 945
Delta R.T. 0.000 min
Lab File: VN069417.D
Acq: 9 Nov 2021 11:39

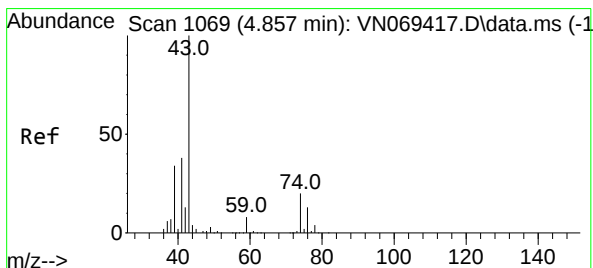
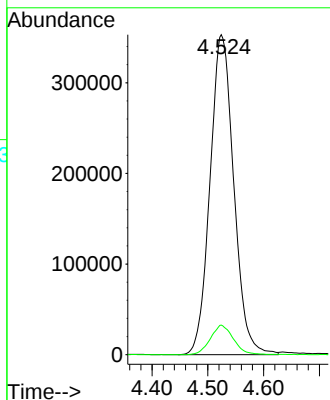
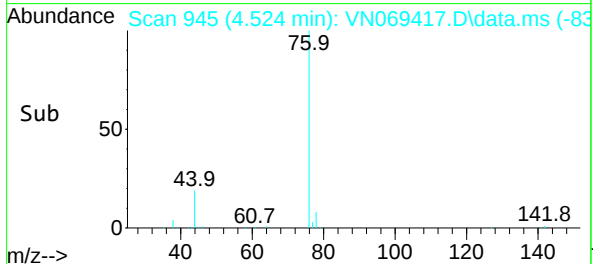
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 76 Resp: 1046124
Ion Ratio Lower Upper
76 100
78 9.3 7.5 11.3

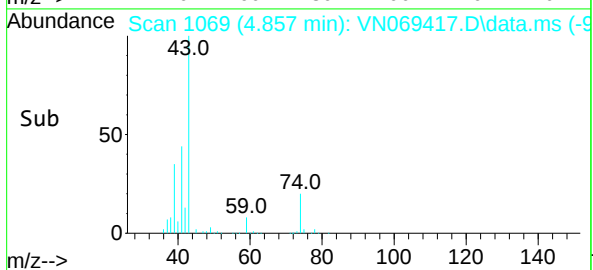
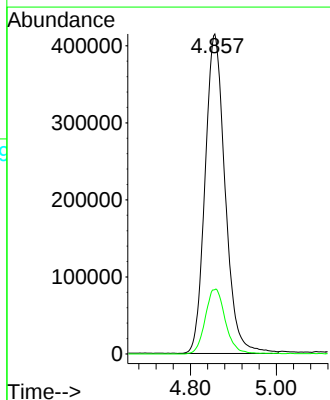
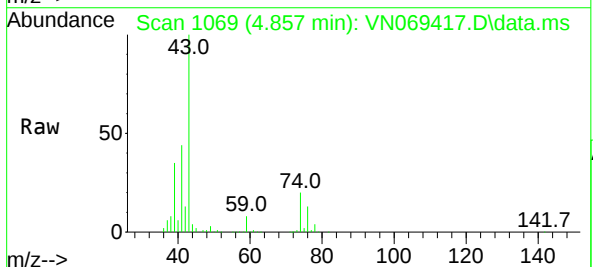
Manual Integrations
APPROVED

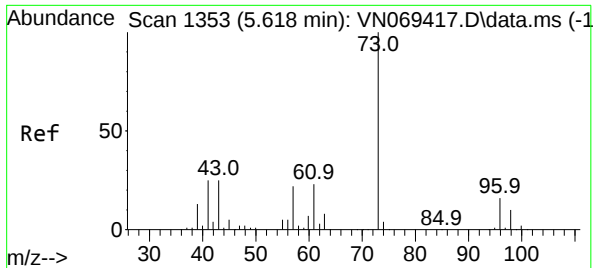
Reviewed By :John Carlone 11/10/2021
Supervised By :Semsettin Yesilyurt 11/17/2021



#18
Methyl Acetate
Concen: 64.975 ug/l
RT: 4.857 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VN069417.D
Acq: 9 Nov 2021 11:39

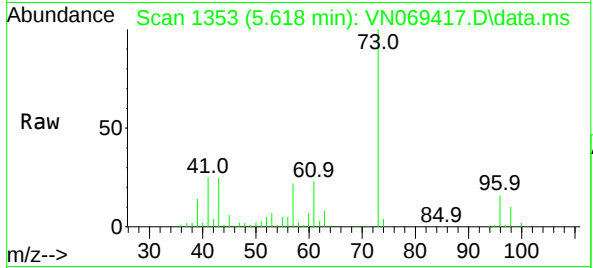
Tgt Ion: 43 Resp: 1343335
Ion Ratio Lower Upper
43 100
74 20.4 19.4 29.2





#19
Methyl tert-butyl Ether
Concen: 60.785 ug/l
RT: 5.618 min Scan# 1157
Delta R.T. 0.000 min
Lab File: VN069417.D
Acq: 9 Nov 2021 11:39

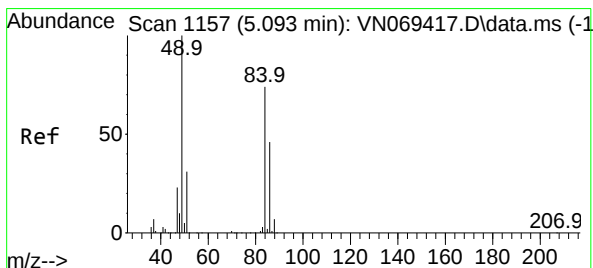
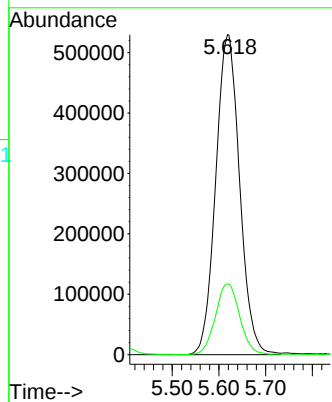
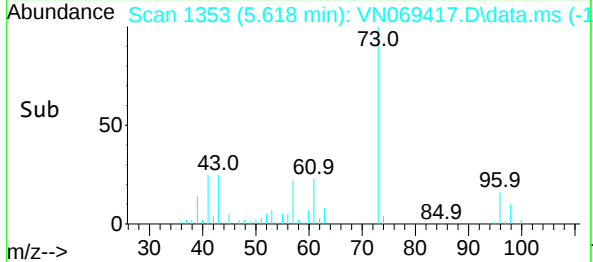
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



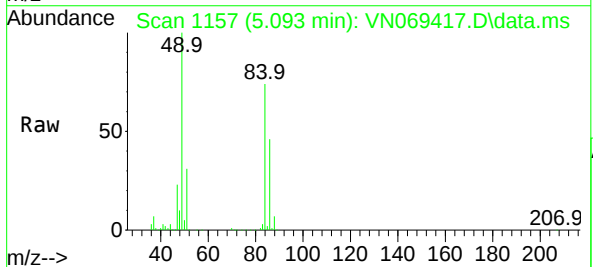
Tgt Ion: 73 Resp: 1879050
Ion Ratio Lower Upper
73 100
57 22.0 16.8 25.2

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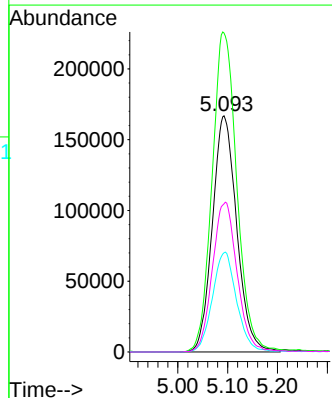
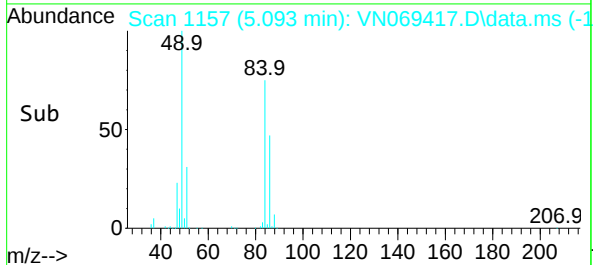
Reviewed By :John Carlone 11/10/2021
Supervised By :Semsettin Yesilyurt 11/17/2021

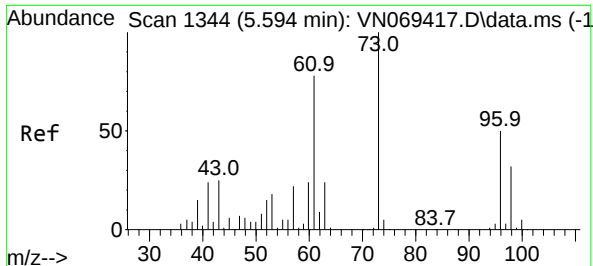


#20
Methylene Chloride
Concen: 54.196 ug/l
RT: 5.093 min Scan# 1157
Delta R.T. 0.000 min
Lab File: VN069417.D
Acq: 9 Nov 2021 11:39



Tgt Ion: 84 Resp: 566985
Ion Ratio Lower Upper
84 100
49 135.0 93.5 140.3
51 42.0 29.4 44.2
86 62.7 53.0 79.4





#21

trans-1,2-Dichloroethene

Concen: 56.554 ug/l

RT: 5.594 min Scan# 1344

Delta R.T. 0.000 min

Lab File: VN069417.D

Acq: 9 Nov 2021 11:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tgt Ion: 96 Resp: 487630

Ion Ratio Lower Upper

96 100

61 153.9 105.8 158.6

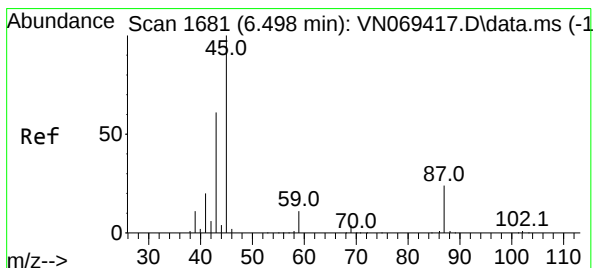
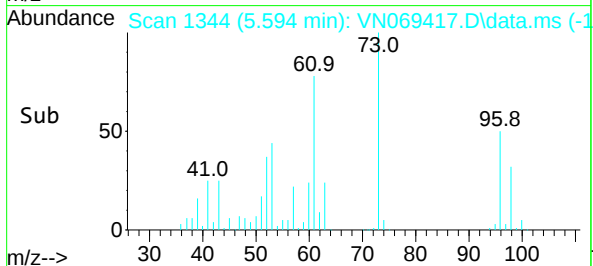
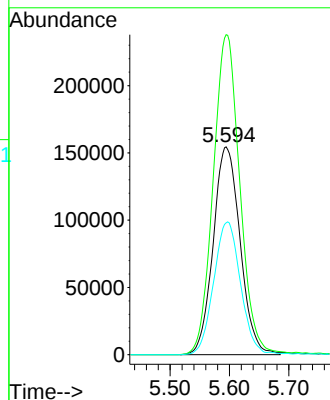
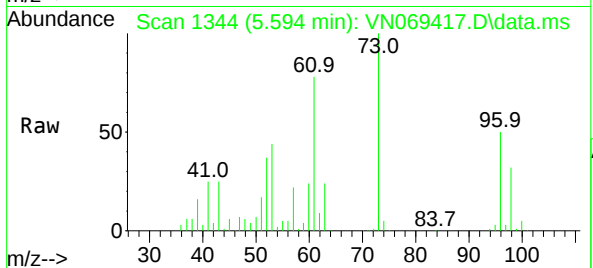
98 63.5 52.0 78.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/10/2021

Supervised By :Semsettin Yesilyurt 11/17/2021



#22

Diisopropyl ether

Concen: 68.741 ug/l

RT: 6.498 min Scan# 1681

Delta R.T. 0.000 min

Lab File: VN069417.D

Acq: 9 Nov 2021 11:39

Tgt Ion: 45 Resp: 2124713

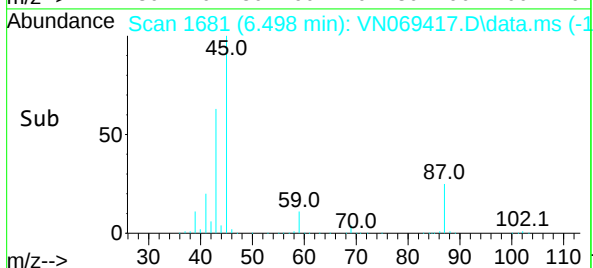
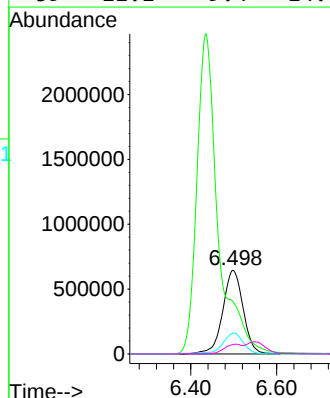
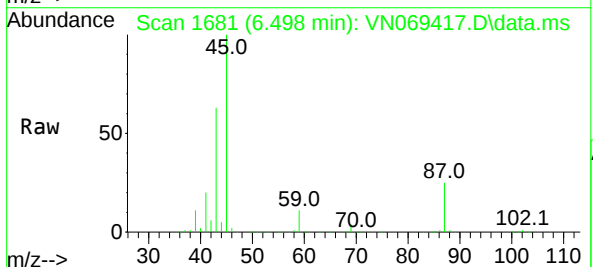
Ion Ratio Lower Upper

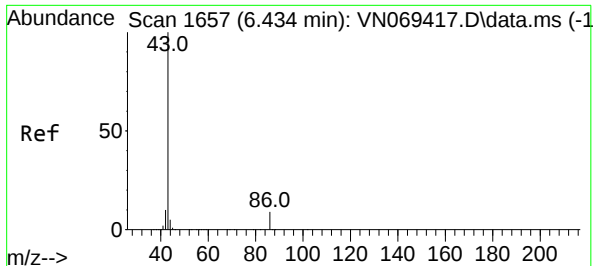
45 100

43 60.7 51.7 77.5

87 24.7 23.2 34.8

59 11.1 9.4 14.0





#23

Vinyl Acetate

Concen: 355.119 ug/l

RT: 6.434 min Scan# 1657

Delta R.T. 0.000 min

Lab File: VN069417.D

Acq: 9 Nov 2021 11:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tgt Ion: 43 Resp: 846324

Ion Ratio Lower Upper

43 100

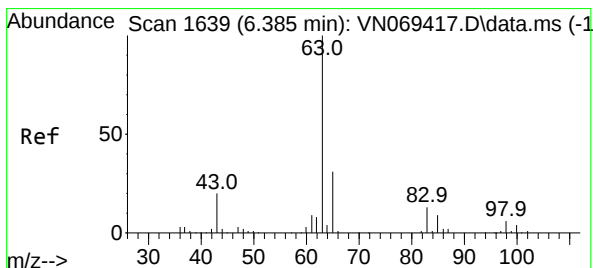
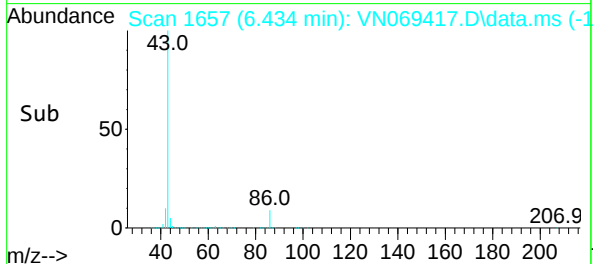
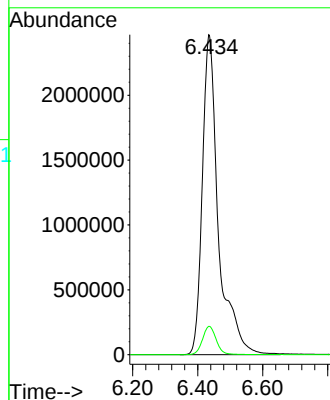
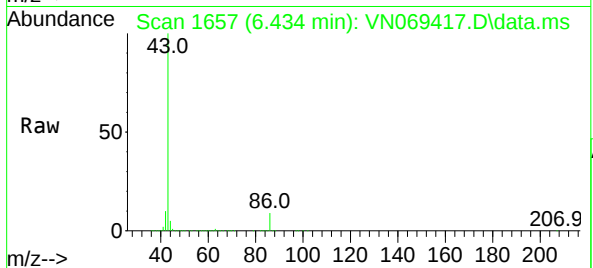
86 8.9 8.5 12.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/10/2021

Supervised By :Semsettin Yesilyurt 11/17/2021



#24

1,1-Dichloroethane

Concen: 62.466 ug/l

RT: 6.385 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VN069417.D

Acq: 9 Nov 2021 11:39

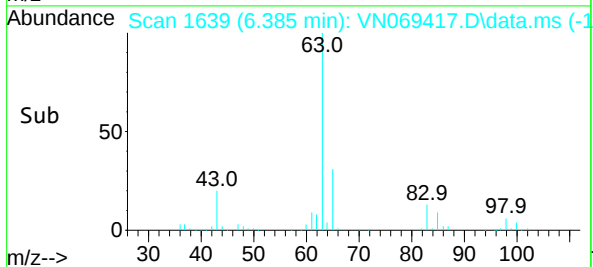
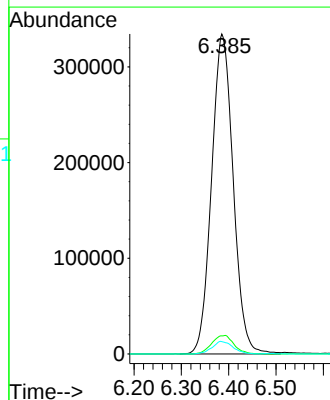
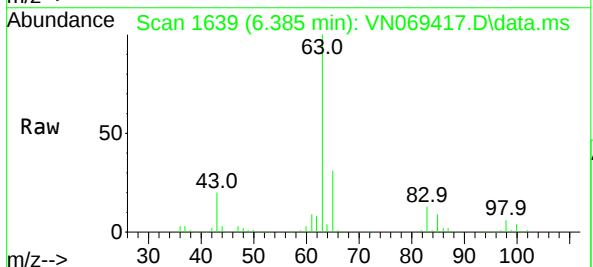
Tgt Ion: 63 Resp: 1062178

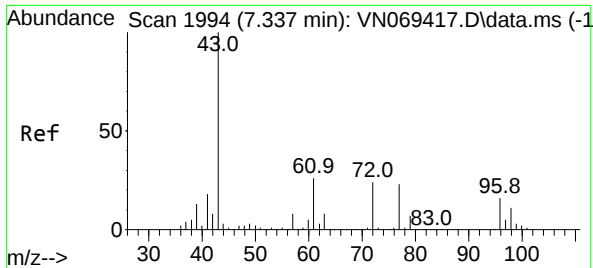
Ion Ratio Lower Upper

63 100

98 5.6 3.3 9.9

100 3.9 2.1 6.5





#25

2-Butanone

Concen: 357.817 ug/l

RT: 7.337 min Scan# 1994

Delta R.T. 0.000 min

Lab File: VN069417.D

Acq: 9 Nov 2021 11:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tgt Ion: 43 Resp: 2939769

Ion Ratio Lower Upper

43 100

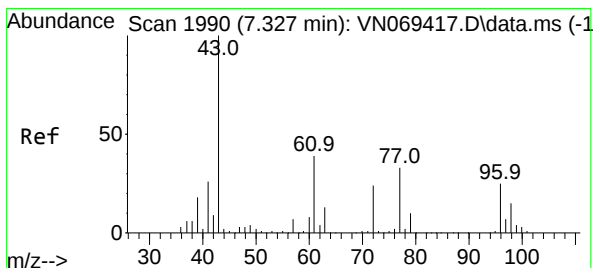
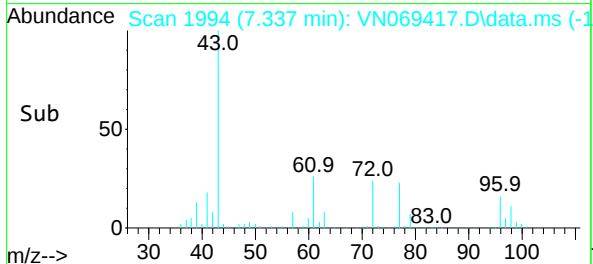
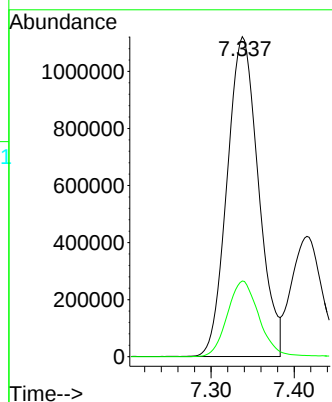
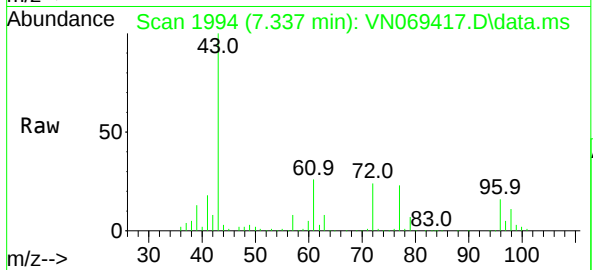
72 23.7 21.7 32.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/10/2021

Supervised By :Semsettin Yesilyurt 11/17/2021



#26

2,2-Dichloropropane

Concen: 61.111 ug/l

RT: 7.327 min Scan# 1990

Delta R.T. 0.000 min

Lab File: VN069417.D

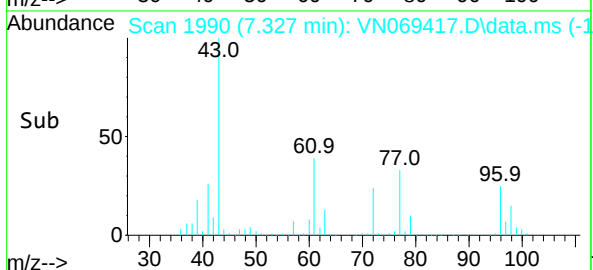
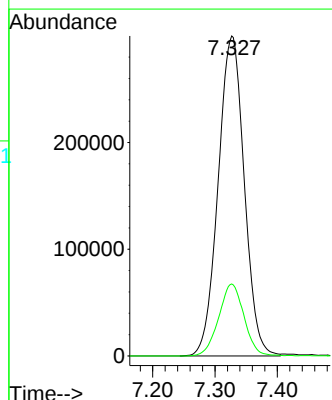
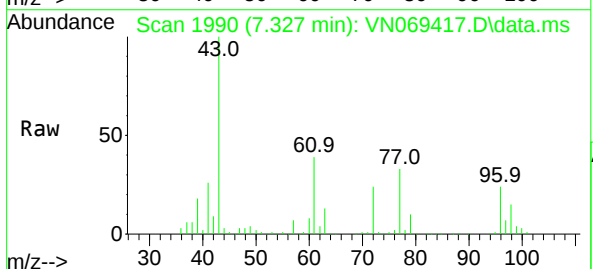
Acq: 9 Nov 2021 11:39

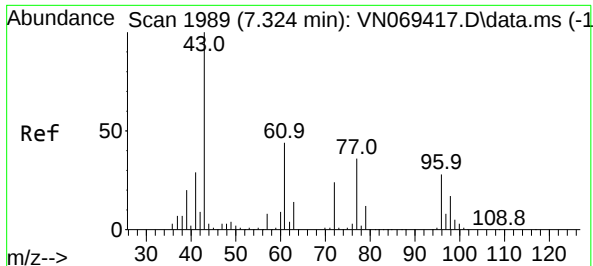
Tgt Ion: 77 Resp: 871338

Ion Ratio Lower Upper

77 100

97 21.9 11.6 34.8





#27

cis-1,2-Dichloroethene

Concen: 57.369 ug/l

RT: 7.324 min Scan# 1989

Delta R.T. 0.000 min

Lab File: VN069417.D

Acq: 9 Nov 2021 11:39

Instrument :

MSVOA_N

ClientSampleId :

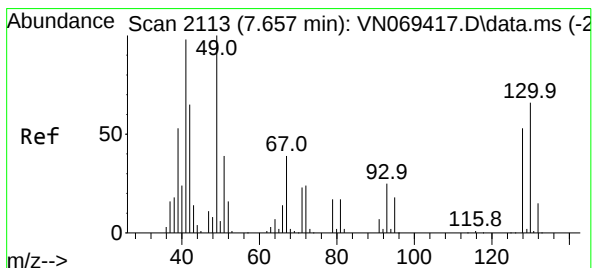
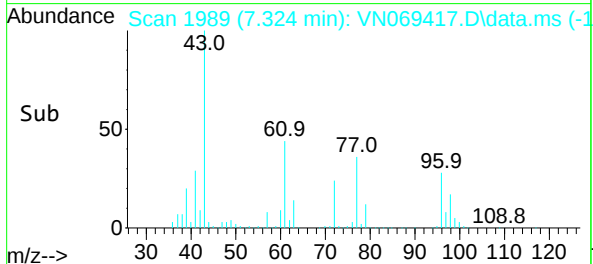
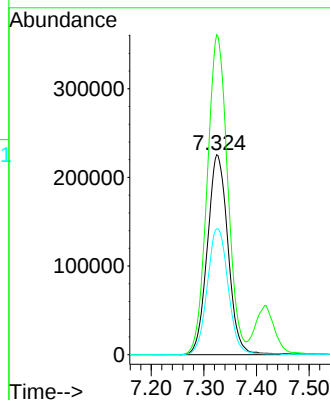
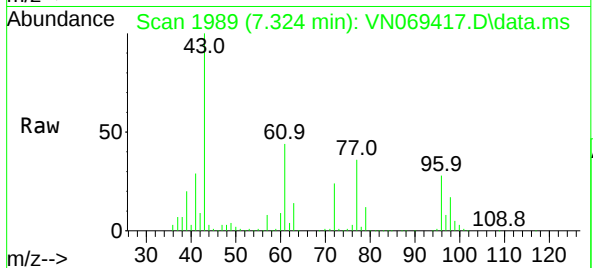
VSTDICCC050

Tgt Ion: 96 Resp: 614360
 Ion Ratio Lower Upper
 96 100
 61 158.5 0.0 275.0
 98 63.8 0.0 129.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/10/2021
 Supervised By :Semsettin Yesilyurt 11/17/2021



#28

Bromochloromethane

Concen: 58.833 ug/l

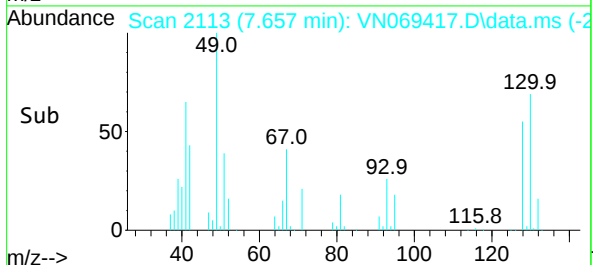
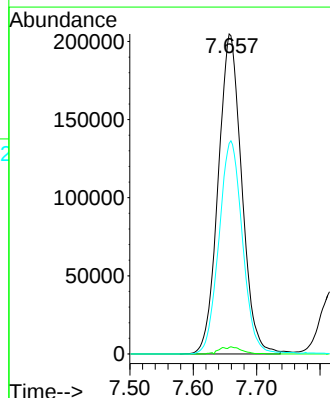
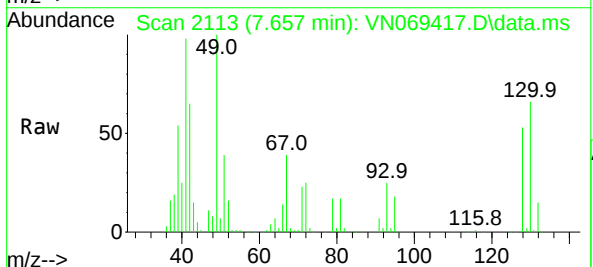
RT: 7.657 min Scan# 2113

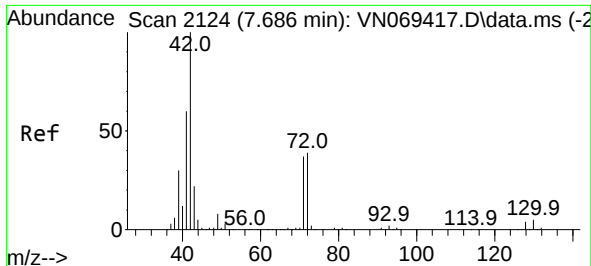
Delta R.T. 0.000 min

Lab File: VN069417.D

Acq: 9 Nov 2021 11:39

Tgt Ion: 49 Resp: 527569
 Ion Ratio Lower Upper
 49 100
 129 1.2 0.0 4.0
 130 66.5 67.8 101.8#





#29

Tetrahydrofuran

Concen: 363.157 ug/l

RT: 7.686 min Scan# 2124

Delta R.T. 0.000 min

Lab File: VN069417.D

Acq: 9 Nov 2021 11:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tgt Ion: 42 Resp: 185043

Ion Ratio Lower Upper

42 100

72 38.9 36.3 54.5

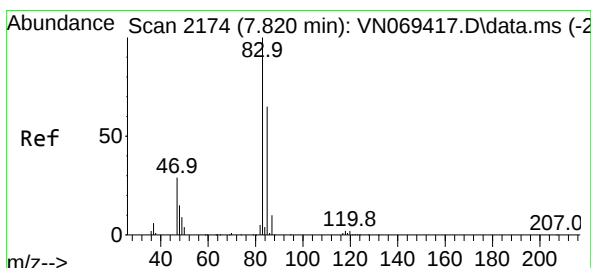
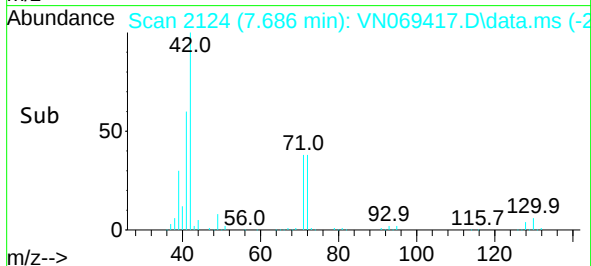
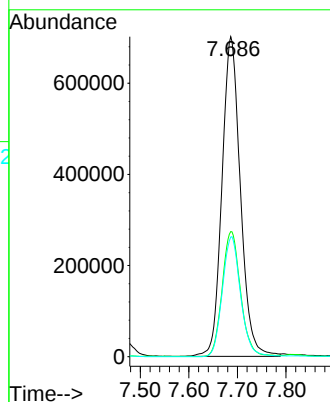
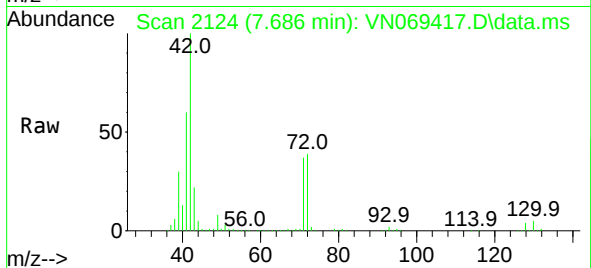
71 37.3 34.7 52.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/10/2021

Supervised By :Semsettin Yesilyurt 11/17/2021



#30

Chloroform

Concen: 59.875 ug/l

RT: 7.820 min Scan# 2174

Delta R.T. 0.000 min

Lab File: VN069417.D

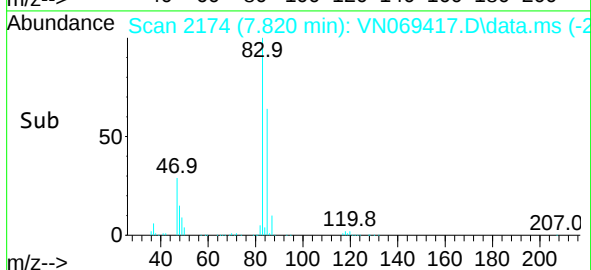
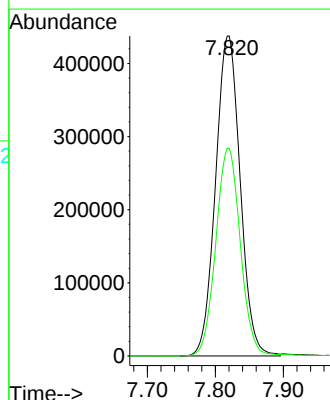
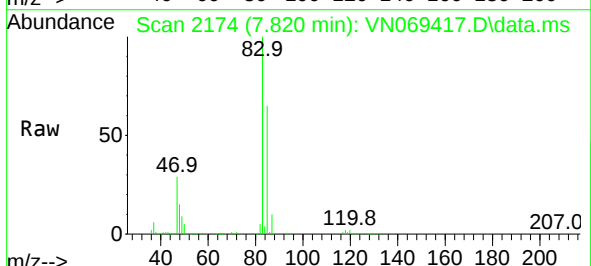
Acq: 9 Nov 2021 11:39

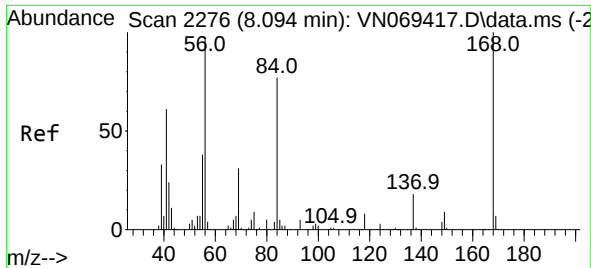
Tgt Ion: 83 Resp: 1101331

Ion Ratio Lower Upper

83 100

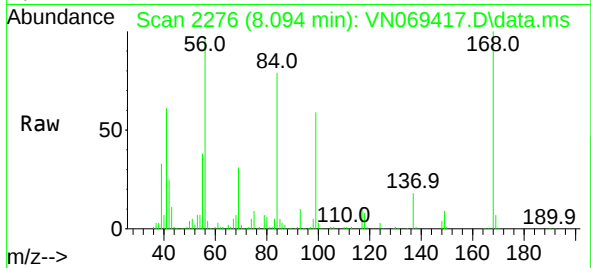
85 64.9 51.9 77.9





#31
Cyclohexane
Concen: 58.561 ug/l
RT: 8.094 min Scan# 2276
Delta R.T. 0.000 min
Lab File: VN069417.D
Acq: 9 Nov 2021 11:39

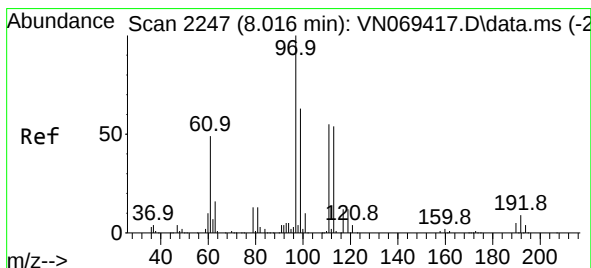
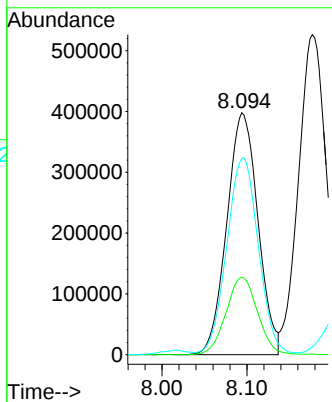
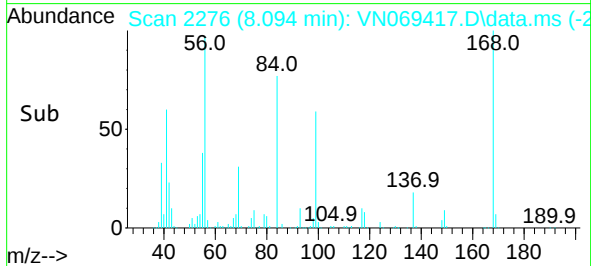
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



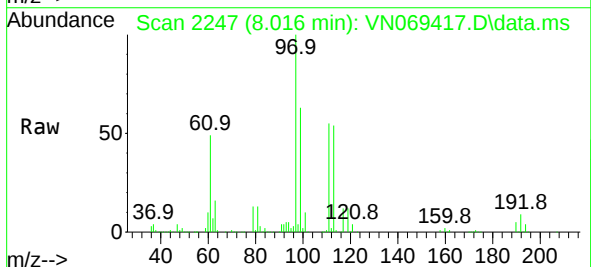
Tgt Ion: 56 Resp: 1013728
Ion Ratio Lower Upper
56 100
69 32.0 27.1 40.7
84 79.2 73.4 110.0

Manual Integrations
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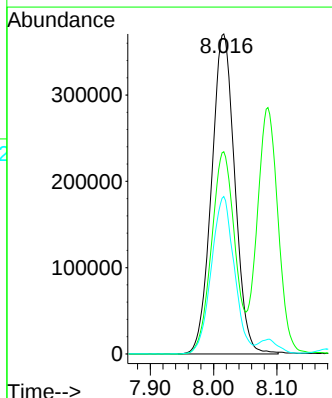
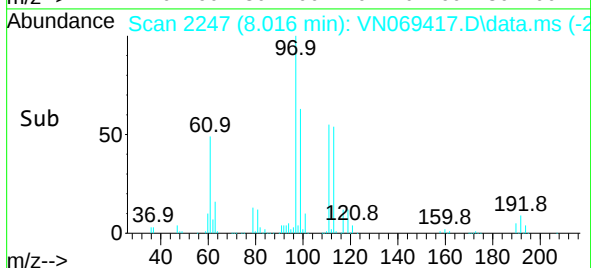
Reviewed By :John Carlone 11/10/2021
Supervised By :Semsettin Yesilyurt 11/17/2021

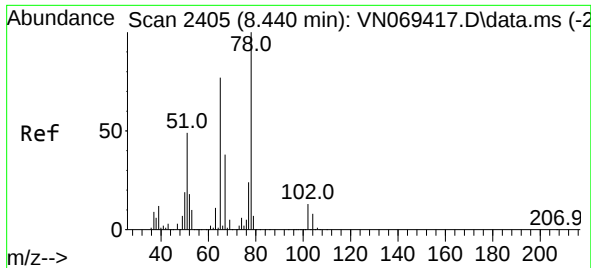


#32
1,1,1-Trichloroethane
Concen: 59.977 ug/l
RT: 8.016 min Scan# 2247
Delta R.T. 0.000 min
Lab File: VN069417.D
Acq: 9 Nov 2021 11:39



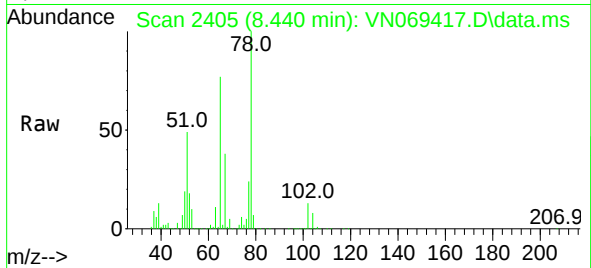
Tgt Ion: 97 Resp: 947629
Ion Ratio Lower Upper
97 100
99 63.0 50.1 75.1
61 48.7 35.2 52.8





#33
 1,2-Dichloroethane-d4
 Concen: 60.751 ug/l
 RT: 8.440 min Scan# 2405
 Delta R.T. 0.000 min
 Lab File: VN069417.D
 Acq: 9 Nov 2021 11:39

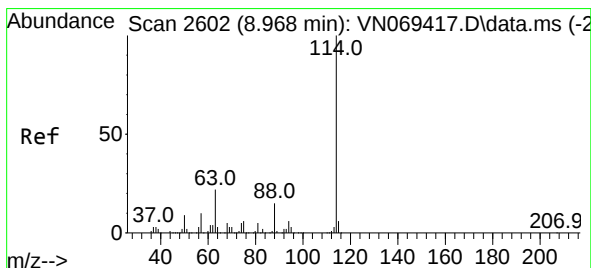
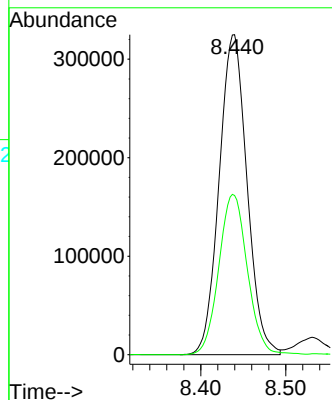
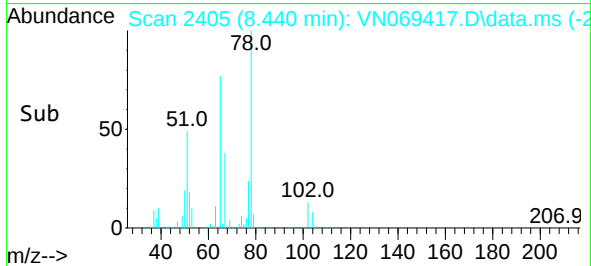
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050



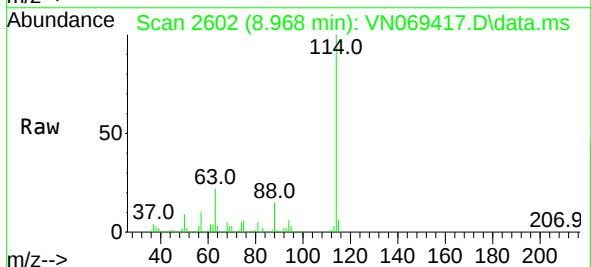
Tgt Ion: 65 Resp: 740511
 Ion Ratio Lower Upper
 65 100
 67 51.4 0.0 103.0

Manual Integrations
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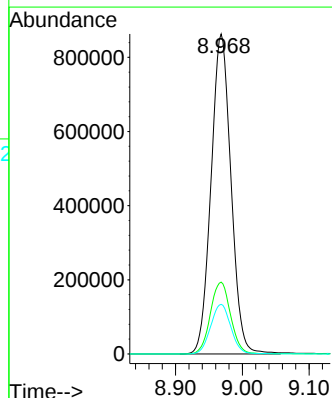
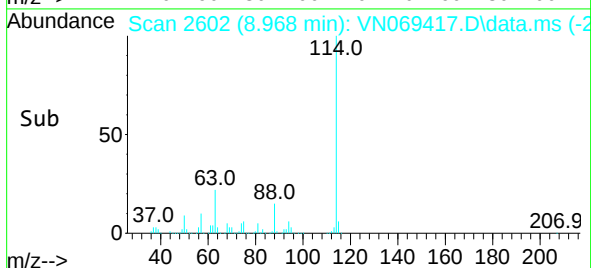
Reviewed By :John Carlone 11/10/2021
 Supervised By :Semsettin Yesilyurt 11/17/2021

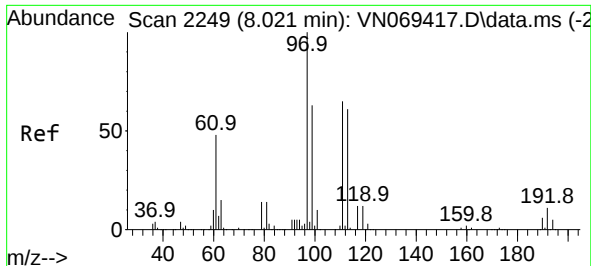


#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.968 min Scan# 2602
 Delta R.T. 0.000 min
 Lab File: VN069417.D
 Acq: 9 Nov 2021 11:39



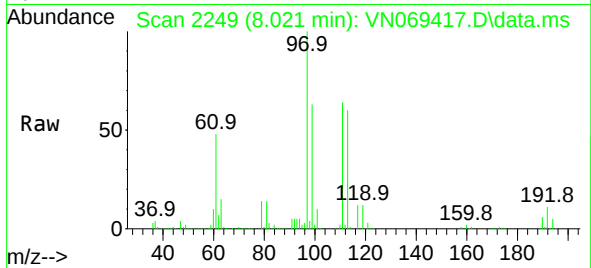
Tgt Ion: 114 Resp: 1790265
 Ion Ratio Lower Upper
 114 100
 63 22.4 0.0 37.8
 88 15.5 0.0 27.4





#35
 Dibromofluoromethane
 Concen: 54.358 ug/l
 RT: 8.021 min Scan# 2249
 Delta R.T. 0.000 min
 Lab File: VN069417.D
 Acq: 9 Nov 2021 11:39

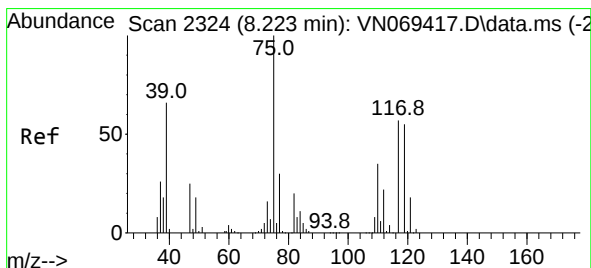
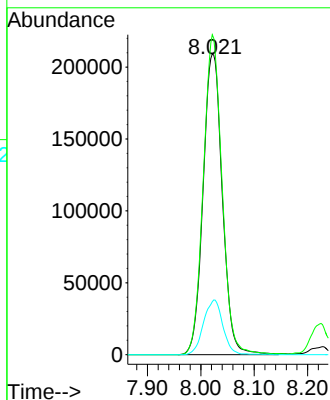
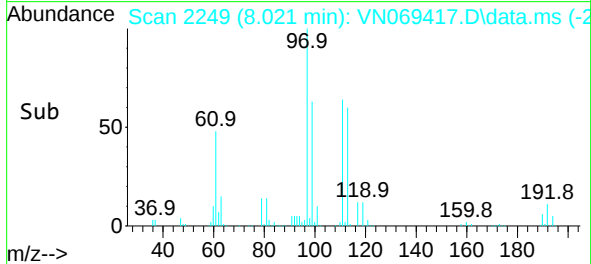
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050



Tgt Ion:113 Resp: 52288
 Ion Ratio Lower Upper
 113 100
 111 103.6 82.2 123.2
 192 18.2 16.9 25.3

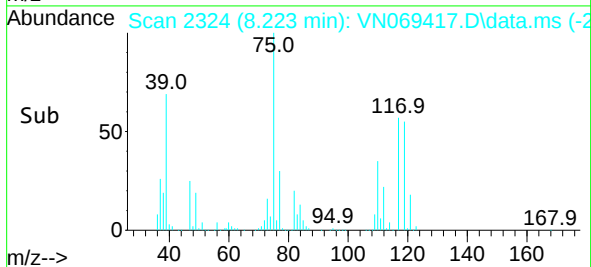
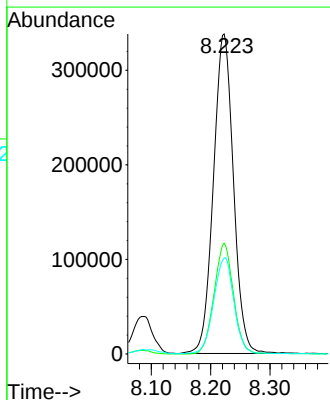
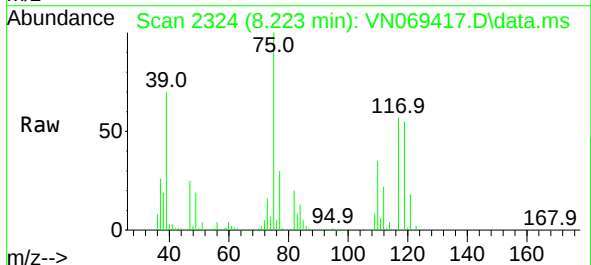
Manual Integrations
 APPROVED

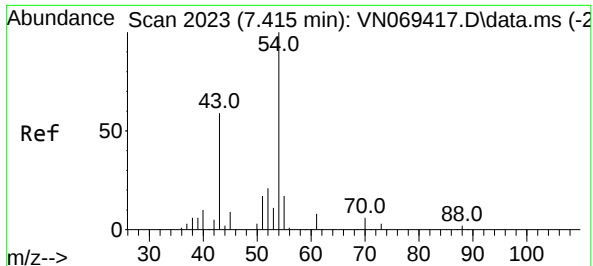
Reviewed By :John Carlone 11/10/2021
 Supervised By :Semsettin Yesilyurt 11/17/2021



#36
 1,1-Dichloropropene
 Concen: 58.498 ug/l
 RT: 8.223 min Scan# 2324
 Delta R.T. 0.000 min
 Lab File: VN069417.D
 Acq: 9 Nov 2021 11:39

Tgt Ion: 75 Resp: 793287
 Ion Ratio Lower Upper
 75 100
 110 33.6 18.4 55.2
 77 30.2 24.4 36.6





#37

Ethyl Acetate

Concen: 67.071 ug/l

RT: 7.415 min Scan# 2023

Delta R.T. 0.000 min

Lab File: VN069417.D

Acq: 9 Nov 2021 11:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tgt Ion: 43 Resp: 1099259

Ion Ratio Lower Upper

43 100

61 12.5 11.5 17.3

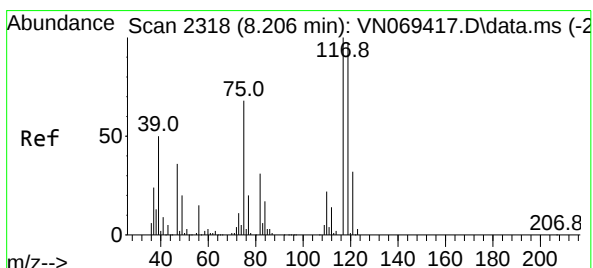
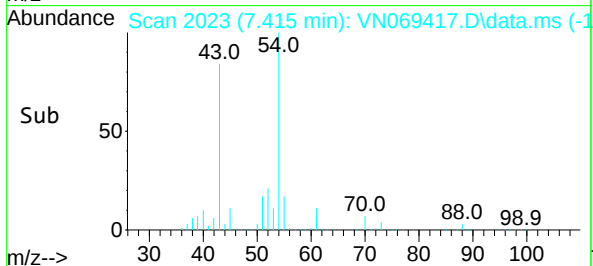
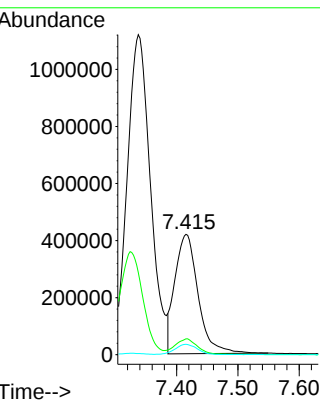
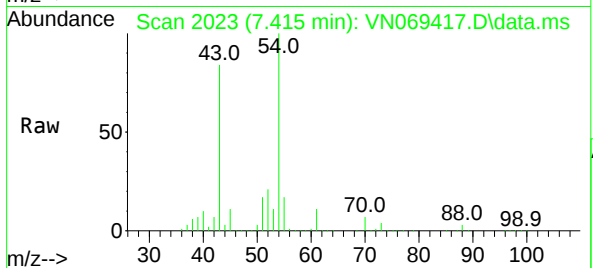
70 8.1 7.9 11.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/10/2021

Supervised By :Semsettin Yesilyurt 11/17/2021



#38

Carbon Tetrachloride

Concen: 56.622 ug/l

RT: 8.206 min Scan# 2318

Delta R.T. 0.000 min

Lab File: VN069417.D

Acq: 9 Nov 2021 11:39

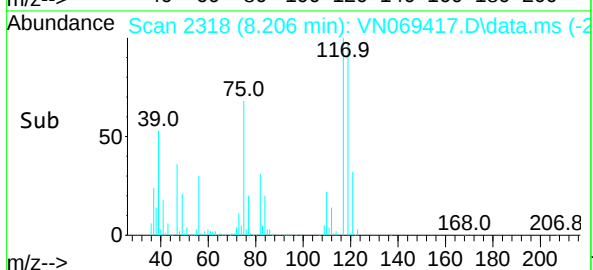
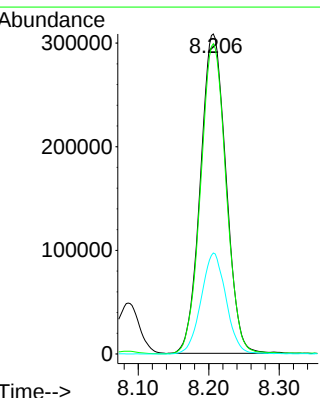
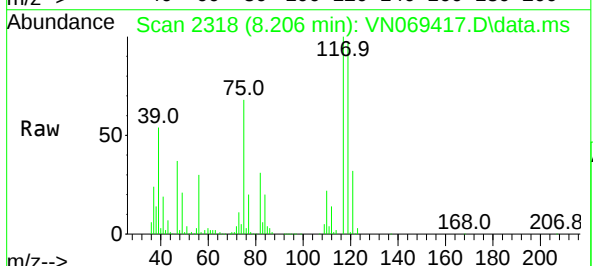
Tgt Ion:117 Resp: 774245

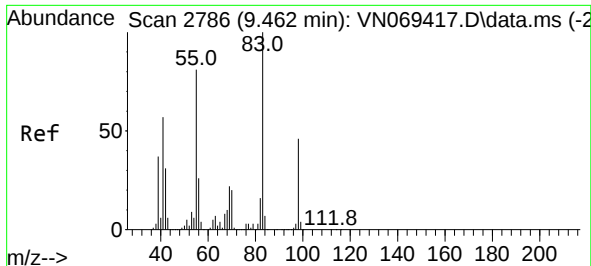
Ion Ratio Lower Upper

117 100

119 97.0 76.1 114.1

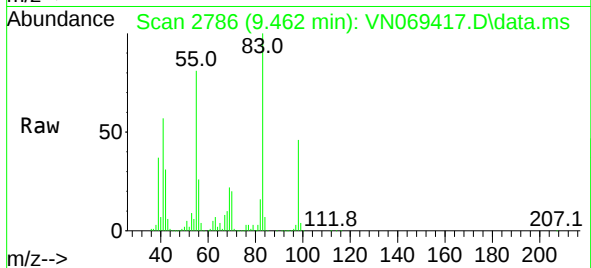
121 31.6 24.2 36.2





#39
Methylcyclohexane
Concen: 59.178 ug/l
RT: 9.462 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN069417.D
Acq: 9 Nov 2021 11:39

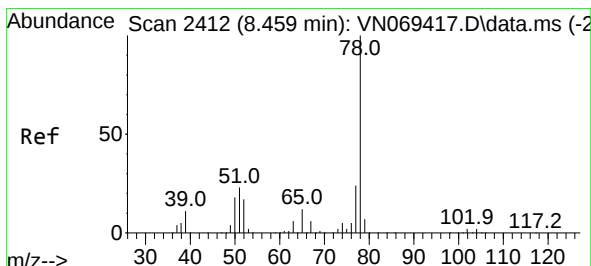
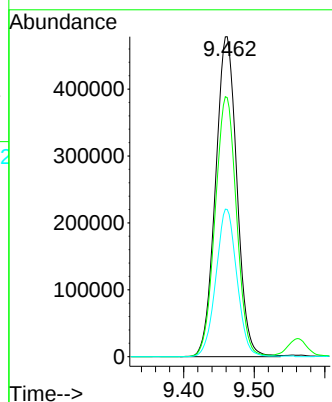
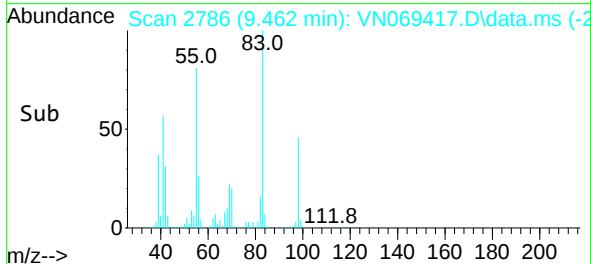
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 83 Resp: 100949
Ion Ratio Lower Upper
83 100
55 80.9 58.1 87.1
98 46.0 38.4 57.6

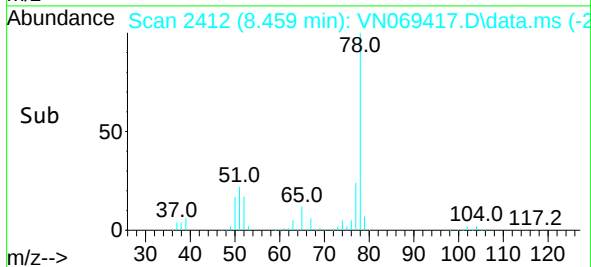
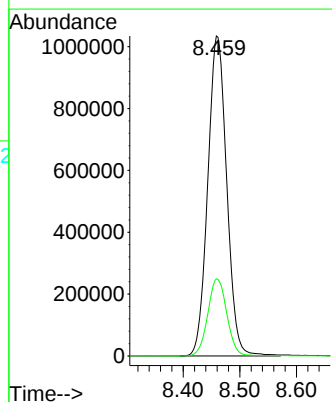
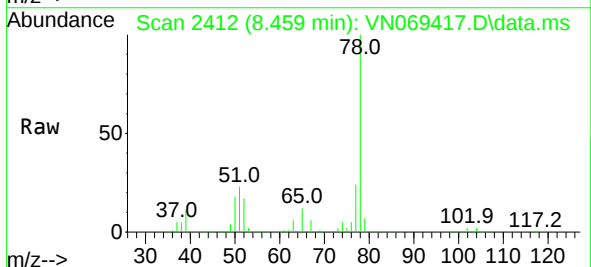
Manual Integrations
APPROVED

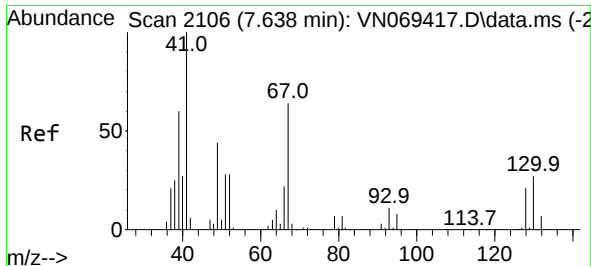
Reviewed By :John Carlone 11/10/2021
Supervised By :Semsettin Yesilyurt 11/17/2021



#40
Benzene
Concen: 57.635 ug/l
RT: 8.459 min Scan# 2412
Delta R.T. 0.000 min
Lab File: VN069417.D
Acq: 9 Nov 2021 11:39

Tgt Ion: 78 Resp: 2405349
Ion Ratio Lower Upper
78 100
77 24.1 18.6 27.8





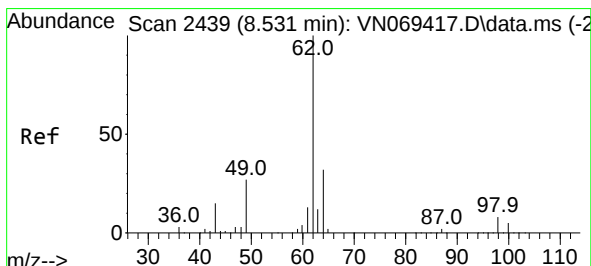
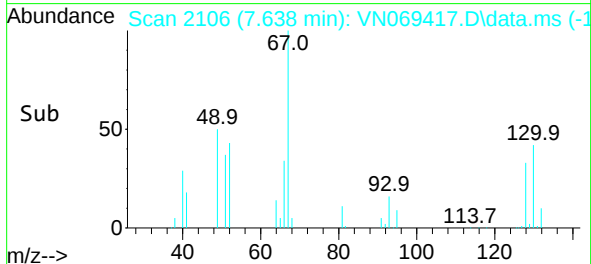
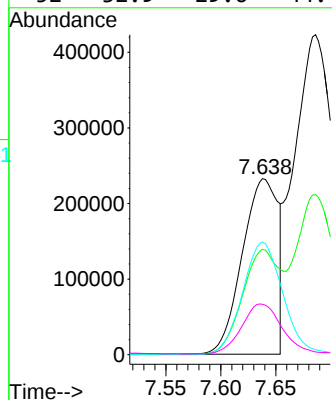
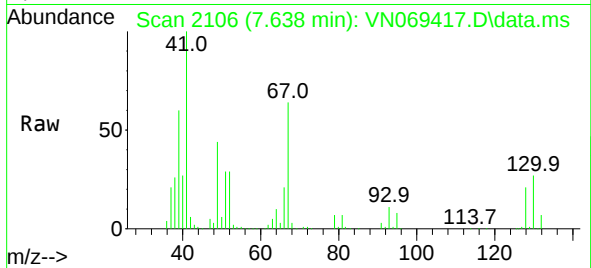
#41
Methacrylonitrile
Concen: 66.150 ug/l
RT: 7.638 min Scan# 2106
Delta R.T. 0.000 min
Lab File: VN069417.D
Acq: 9 Nov 2021 11:39

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion: 41 Resp: 522123
Ion Ratio Lower Upper
41 100
39 61.9 48.1 72.1
67 73.6 68.3 102.5
52 32.9 29.6 44.4

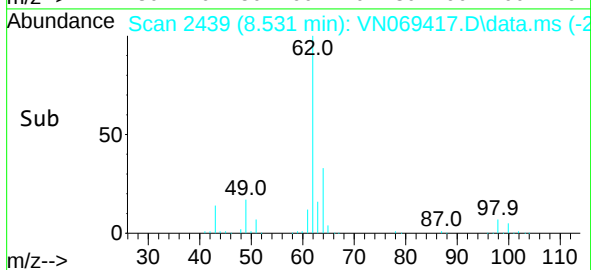
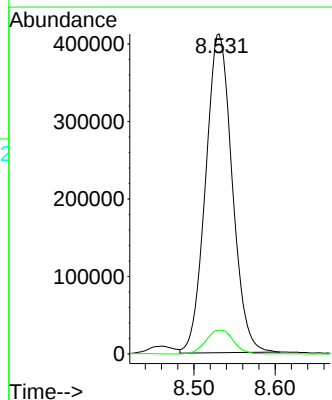
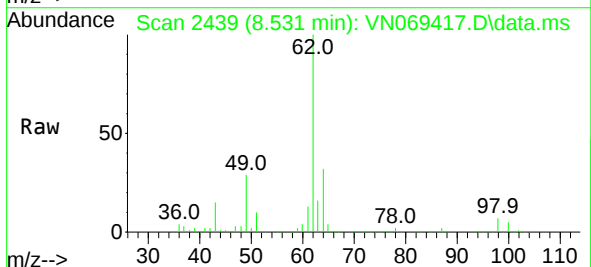
Manual Integrations
APPROVED

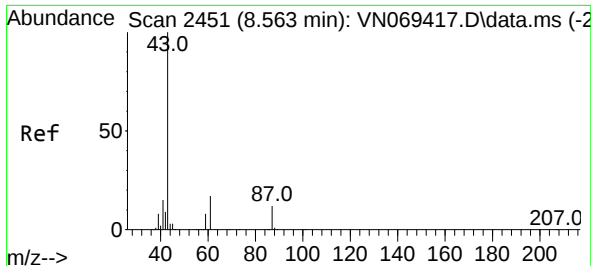
Reviewed By :John Carlone 11/10/2021
Supervised By :Semsettin Yesilyurt 11/17/2021



#42
1,2-Dichloroethane
Concen: 60.344 ug/l
RT: 8.531 min Scan# 2439
Delta R.T. 0.000 min
Lab File: VN069417.D
Acq: 9 Nov 2021 11:39

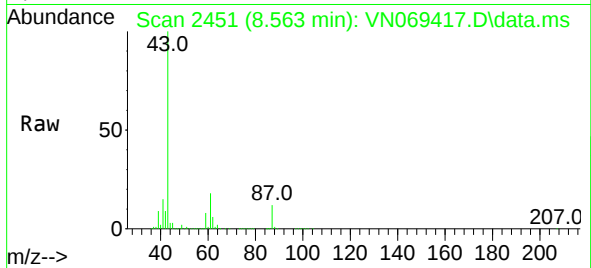
Tgt Ion: 62 Resp: 935999
Ion Ratio Lower Upper
62 100
98 7.8 0.0 17.6





#43
Isopropyl Acetate
Concen: 67.910 ug/l
RT: 8.563 min Scan# 2451
Delta R.T. 0.000 min
Lab File: VN069417.D
Acq: 9 Nov 2021 11:39

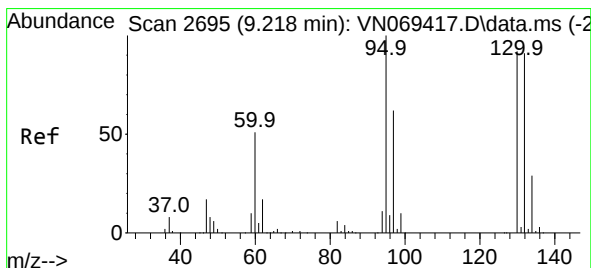
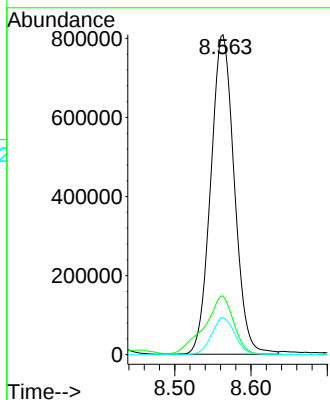
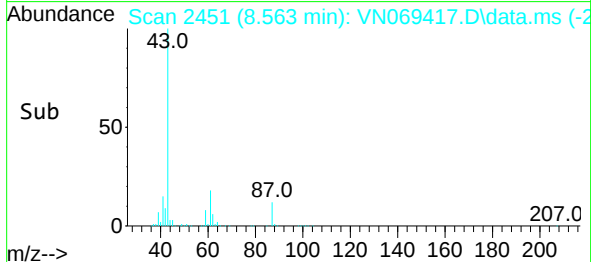
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 43 Resp: 173293
Ion Ratio Lower Upper
43 100
61 22.9 20.4 30.6
87 11.5 11.2 16.8

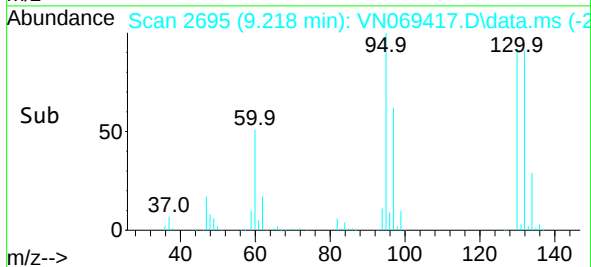
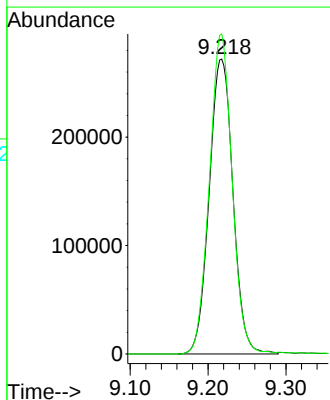
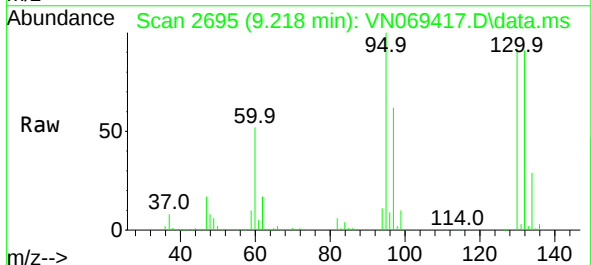
Manual Integrations
APPROVED

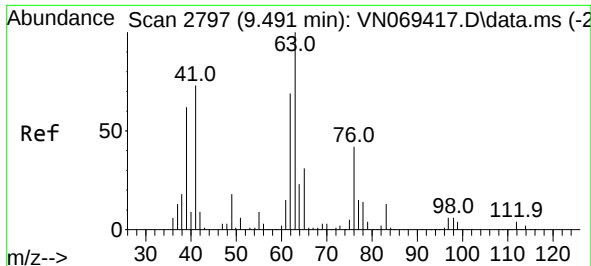
Reviewed By :John Carlone 11/10/2021
Supervised By :Semsettin Yesilyurt 11/17/2021



#44
Trichloroethene
Concen: 52.851 ug/l
RT: 9.218 min Scan# 2695
Delta R.T. 0.000 min
Lab File: VN069417.D
Acq: 9 Nov 2021 11:39

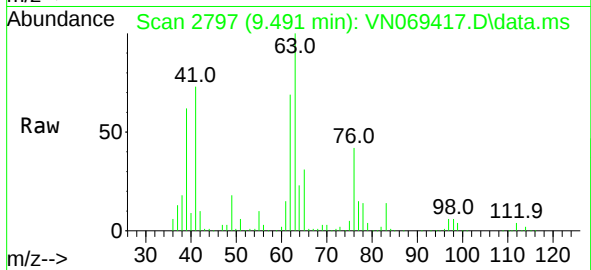
Tgt Ion:130 Resp: 576002
Ion Ratio Lower Upper
130 100
95 108.5 0.0 191.2





#45
1,2-Dichloropropane
Concen: 60.363 ug/l
RT: 9.491 min Scan# 2797
Delta R.T. 0.000 min
Lab File: VN069417.D
Acq: 9 Nov 2021 11:39

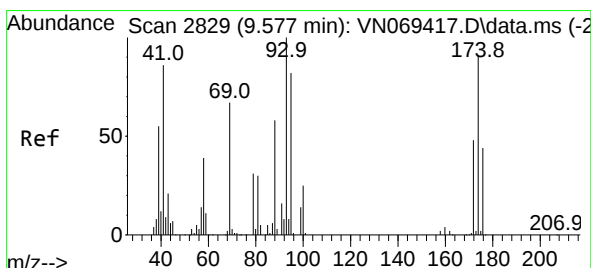
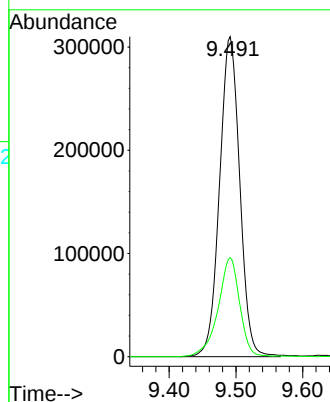
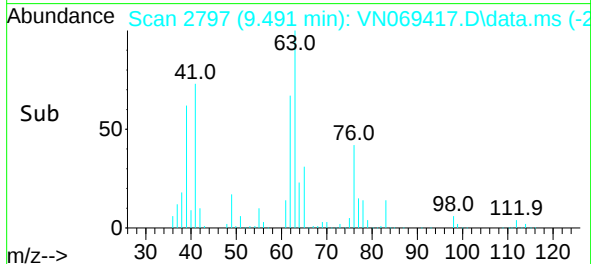
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



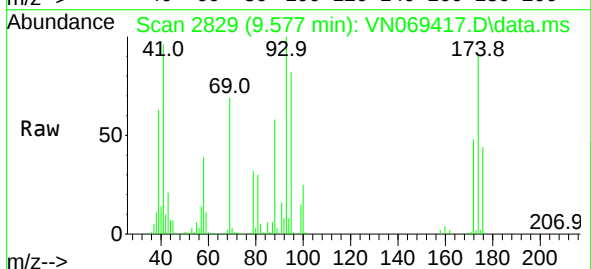
Tgt Ion: 63 Resp: 65108
Ion Ratio Lower Upper
63 100
65 30.9 24.7 37.1

Manual Integrations
APPROVED

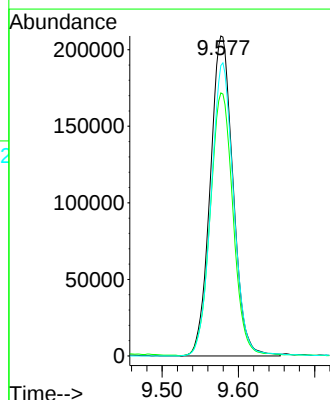
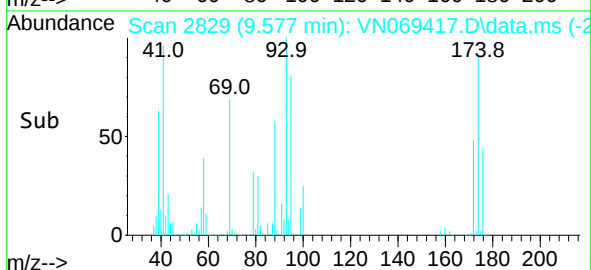
Reviewed By :John Carlone 11/10/2021
Supervised By :Semsettin Yesilyurt 11/17/2021

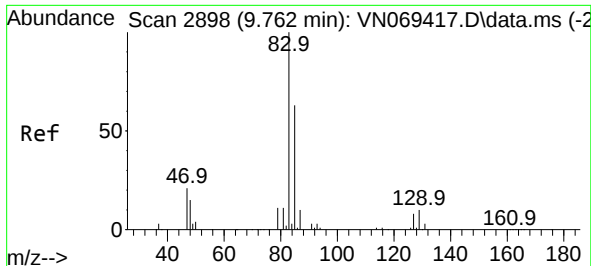


#46
Dibromomethane
Concen: 57.680 ug/l
RT: 9.577 min Scan# 2829
Delta R.T. 0.000 min
Lab File: VN069417.D
Acq: 9 Nov 2021 11:39



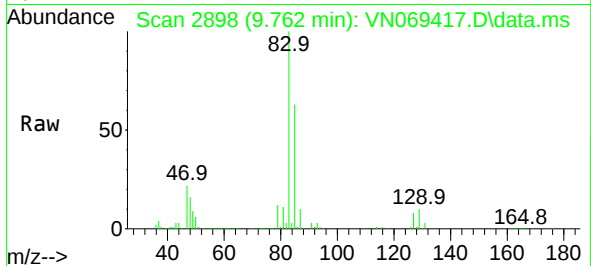
Tgt Ion: 93 Resp: 433850
Ion Ratio Lower Upper
93 100
95 81.9 65.9 98.9
174 90.6 84.6 127.0





#47
Bromodichloromethane
Concen: 61.780 ug/l
RT: 9.762 min Scan# 2898
Delta R.T. 0.000 min
Lab File: VN069417.D
Acq: 9 Nov 2021 11:39

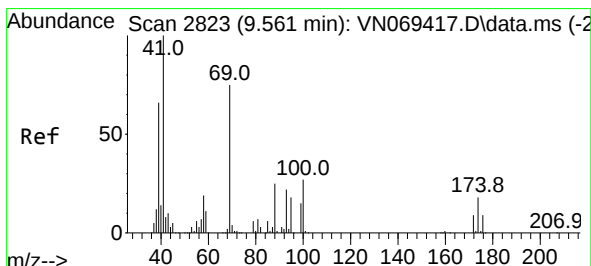
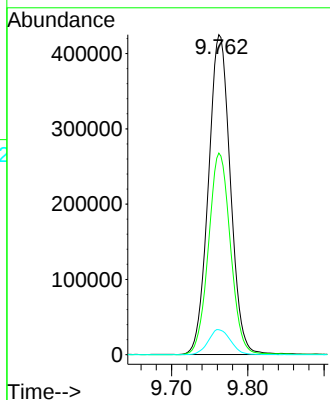
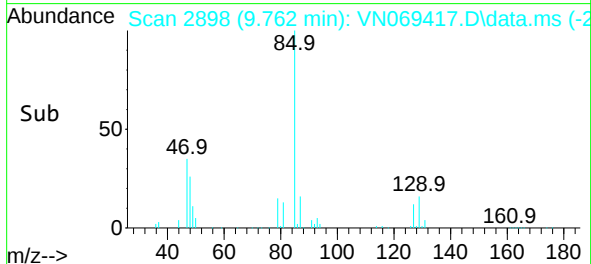
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



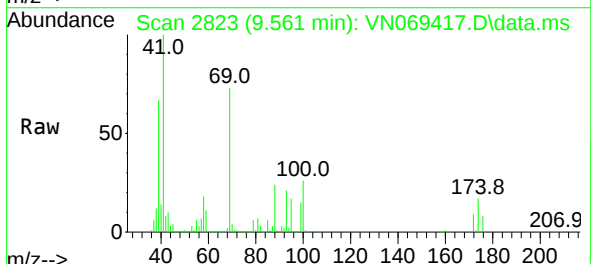
Tgt Ion: 83 Resp: 848178
Ion Ratio Lower Upper
83 100
85 63.0 50.9 76.3
127 7.8 7.1 10.7

Manual Integrations
APPROVED

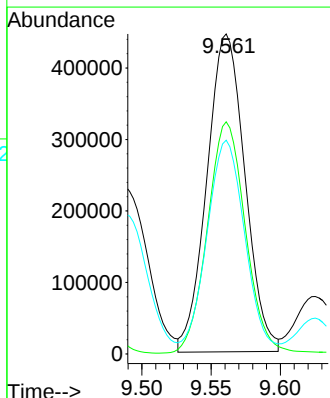
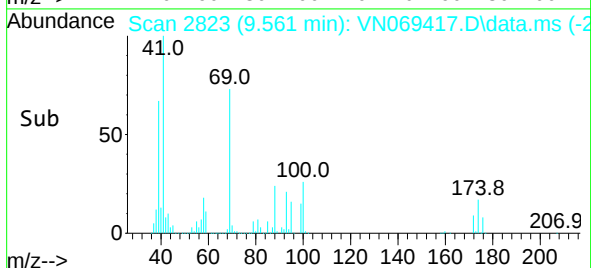
Reviewed By :John Carlone 11/10/2021
Supervised By :Semsettin Yesilyurt 11/17/2021

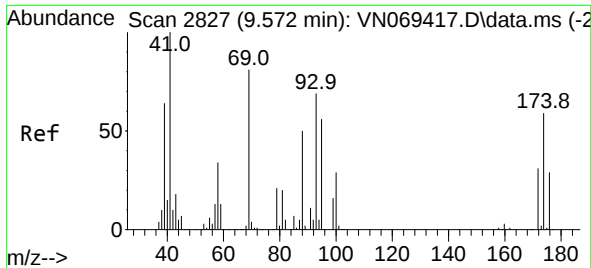


#48
Methyl methacrylate
Concen: 73.733 ug/l
RT: 9.561 min Scan# 2823
Delta R.T. 0.000 min
Lab File: VN069417.D
Acq: 9 Nov 2021 11:39



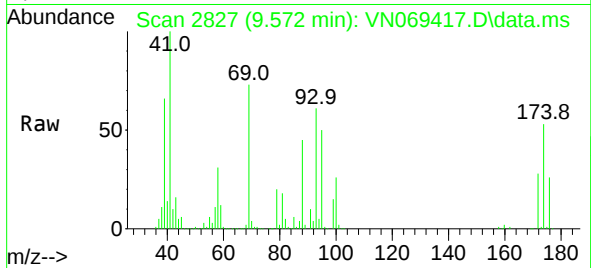
Tgt Ion: 41 Resp: 850154
Ion Ratio Lower Upper
41 100
69 72.9 72.4 108.6
39 66.8 58.4 87.6





#49
1,4-Dioxane
Concen: 1170.226 ug/l
RT: 9.572 min Scan# 2827
Delta R.T. 0.000 min
Lab File: VN069417.D
Acq: 9 Nov 2021 11:39

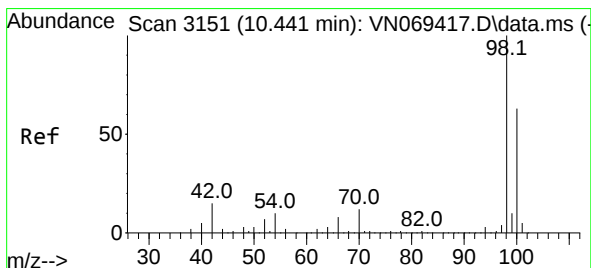
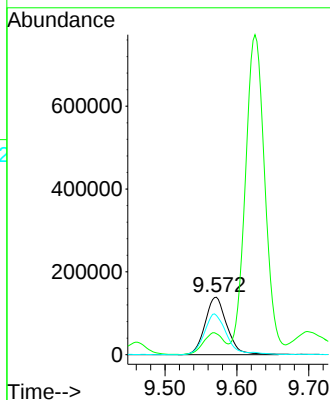
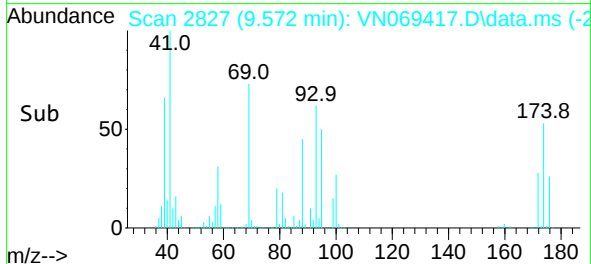
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 88 Resp: 29311
Ion Ratio Lower Upper
88 100
43 34.9 23.4 35.2
58 70.2 50.6 75.8

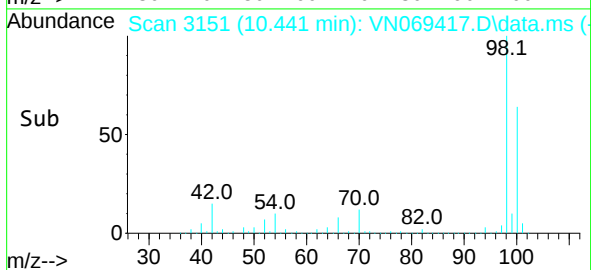
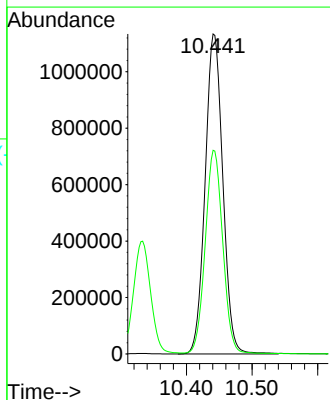
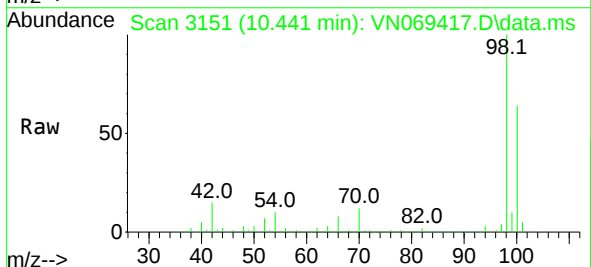
Manual Integrations
APPROVED

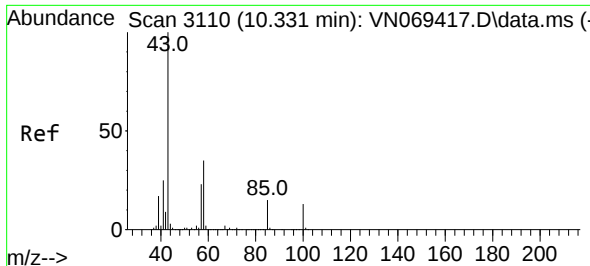
Reviewed By :John Carlone 11/10/2021
Supervised By :Semsettin Yesilyurt 11/17/2021



#50
Toluene-d8
Concen: 56.144 ug/l
RT: 10.441 min Scan# 3151
Delta R.T. 0.000 min
Lab File: VN069417.D
Acq: 9 Nov 2021 11:39

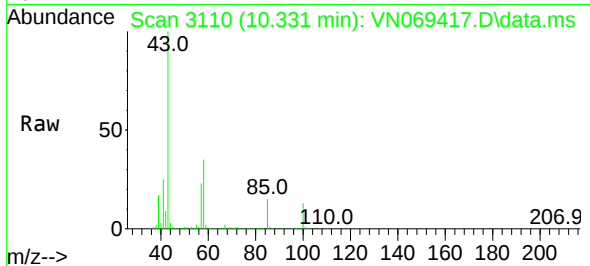
Tgt Ion: 98 Resp: 2125107
Ion Ratio Lower Upper
98 100
100 62.9 50.4 75.6





#51
4-Methyl-2-Pentanone
Concen: 350.785 ug/l
RT: 10.331 min Scan# 3110
Delta R.T. 0.000 min
Lab File: VN069417.D
Acq: 9 Nov 2021 11:39

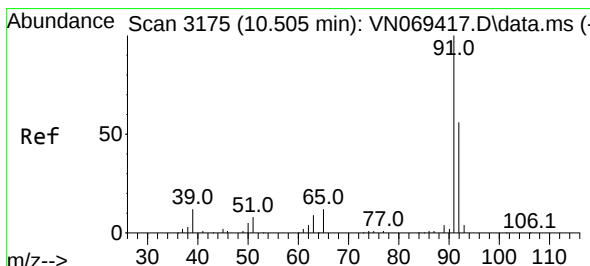
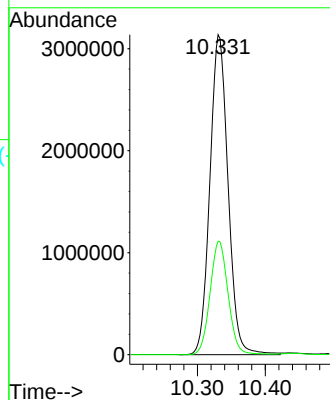
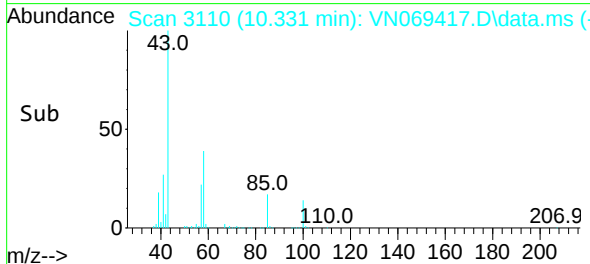
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



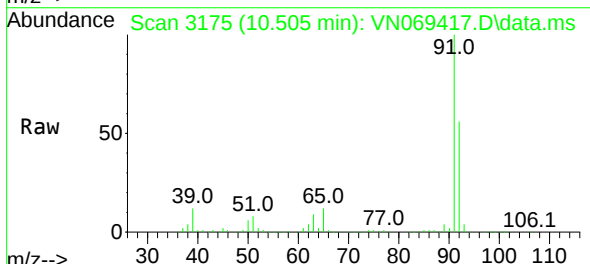
Tgt Ion: 43 Resp: 581080
Ion Ratio Lower Upper
43 100
58 35.3 30.4 45.6

Manual Integrations
APPROVED

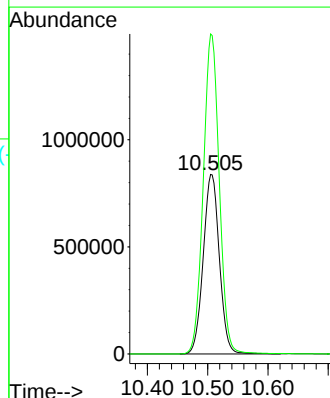
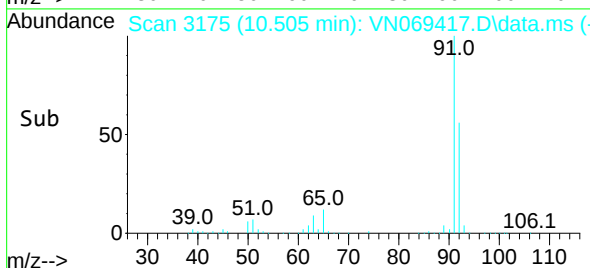
Reviewed By :John Carlone 11/10/2021
Supervised By :Semsettin Yesilyurt 11/17/2021



#52
Toluene
Concen: 58.117 ug/l
RT: 10.505 min Scan# 3175
Delta R.T. 0.000 min
Lab File: VN069417.D
Acq: 9 Nov 2021 11:39



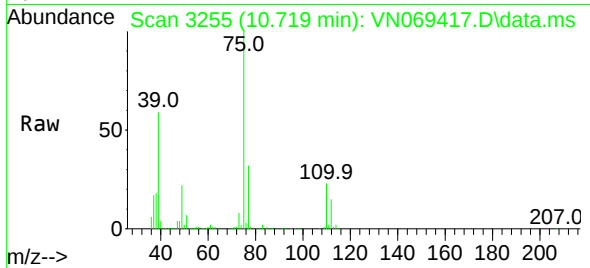
Tgt Ion: 92 Resp: 1553115
Ion Ratio Lower Upper
92 100
91 177.1 142.0 213.0





#53
 t-1,3-Dichloropropene
 Concen: 64.222 ug/l
 RT: 10.719 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VN069417.D
 Acq: 9 Nov 2021 11:39

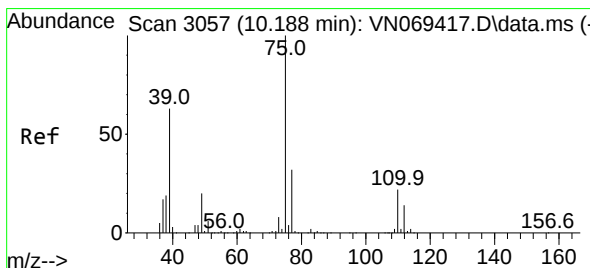
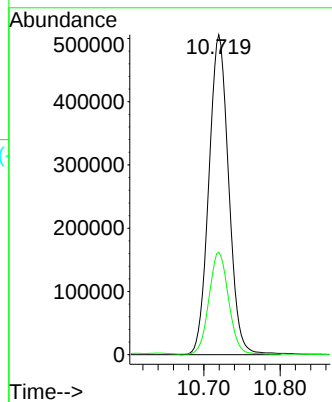
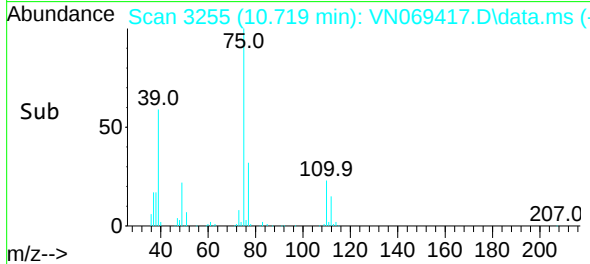
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050



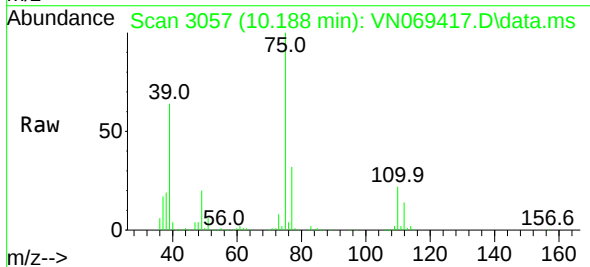
Tgt Ion: 75 Resp: 912462
 Ion Ratio Lower Upper
 75 100
 77 31.8 25.6 38.4

Manual Integrations
 APPROVED

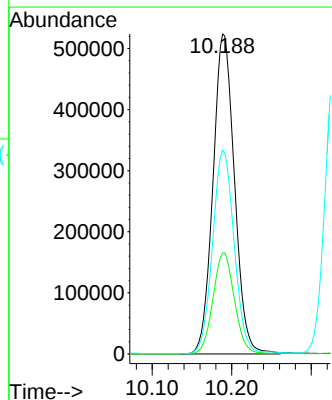
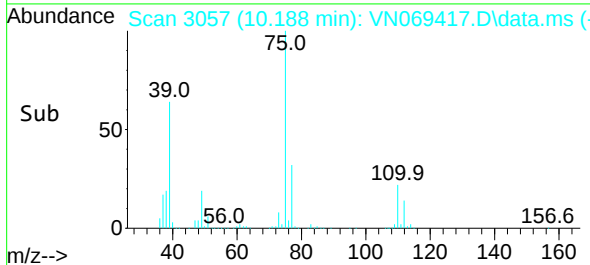
Reviewed By :John Carlone 11/10/2021
 Supervised By :Semsettin Yesilyurt 11/17/2021

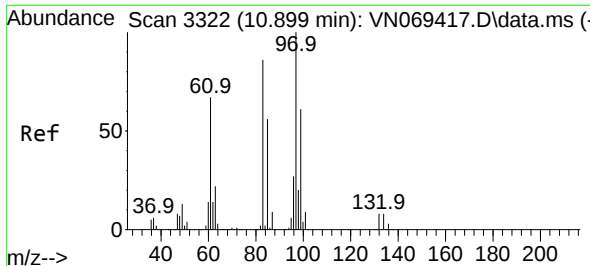


#54
 cis-1,3-Dichloropropene
 Concen: 63.189 ug/l
 RT: 10.188 min Scan# 3057
 Delta R.T. 0.000 min
 Lab File: VN069417.D
 Acq: 9 Nov 2021 11:39



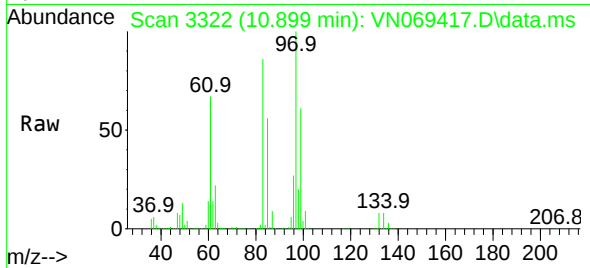
Tgt Ion: 75 Resp: 984465
 Ion Ratio Lower Upper
 75 100
 77 31.6 26.4 39.6
 39 63.5 42.5 63.7





#55
1,1,2-Trichloroethane
Concen: 57.791 ug/l
RT: 10.899 min Scan# 3322
Delta R.T. 0.000 min
Lab File: VN069417.D
Acq: 9 Nov 2021 11:39

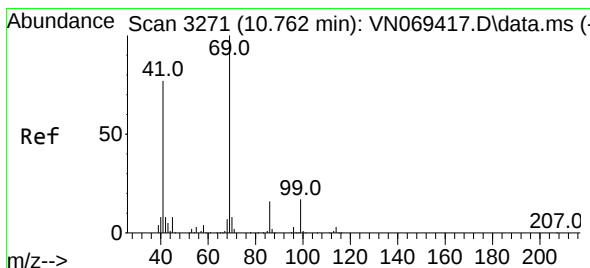
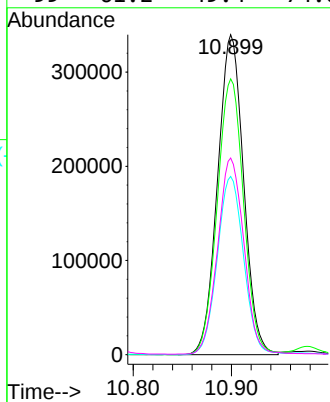
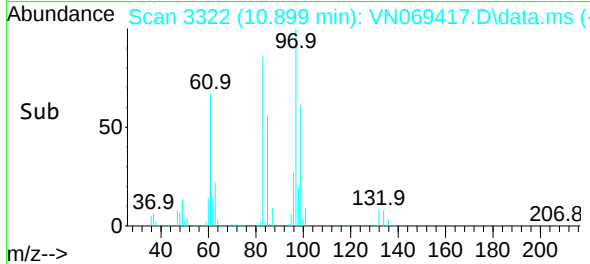
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



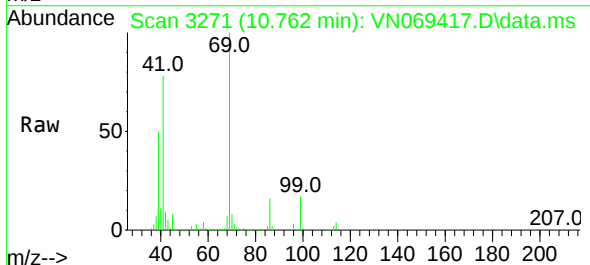
Tgt Ion: 97 Resp: 62475
Ion Ratio Lower Upper
97 100
83 86.2 67.8 101.6
85 55.7 45.4 68.2
99 61.2 49.4 74.0

Manual Integrations
APPROVED

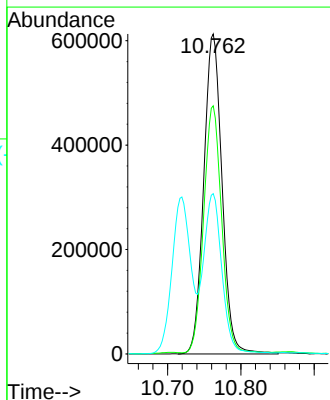
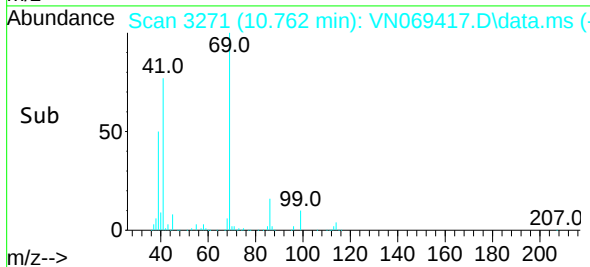
Reviewed By :John Carlone 11/10/2021
Supervised By :Semsettin Yesilyurt 11/17/2021



#56
Ethyl methacrylate
Concen: 65.009 ug/l
RT: 10.762 min Scan# 3271
Delta R.T. 0.000 min
Lab File: VN069417.D
Acq: 9 Nov 2021 11:39



Tgt Ion: 69 Resp: 1063816
Ion Ratio Lower Upper
69 100
41 75.9 51.4 77.0
39 49.0 34.6 52.0





#57

1,3-Dichloropropane

Concen: 59.401 ug/l

RT: 11.044 min Scan# 3376

Delta R.T. 0.000 min

Lab File: VN069417.D

Acq: 9 Nov 2021 11:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tgt Ion: 76 Resp: 1075759

Ion Ratio Lower Upper

76 100

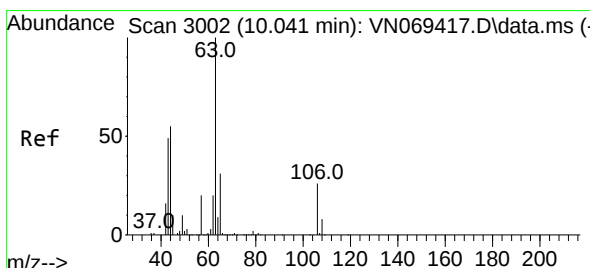
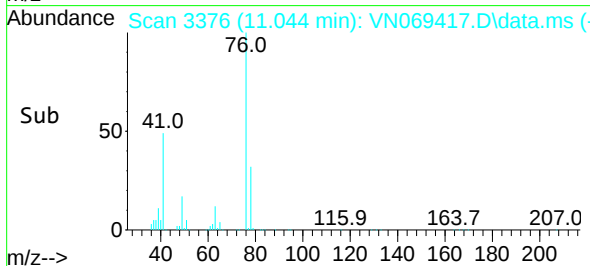
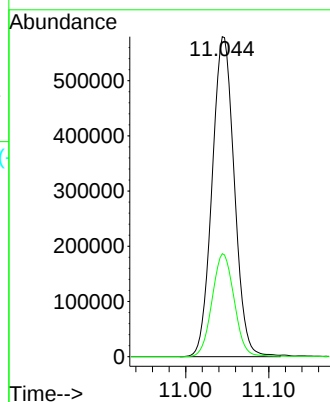
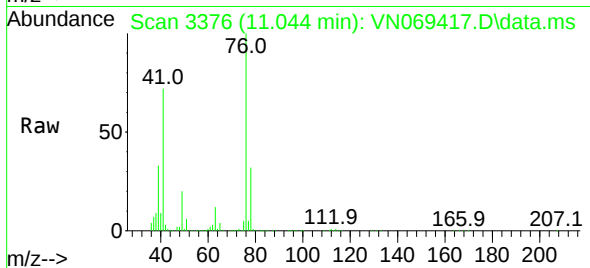
78 32.1 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/10/2021

Supervised By :Semsettin Yesilyurt 11/17/2021



#58

2-Chloroethyl Vinyl ether

Concen: 337.148 ug/l

RT: 10.041 min Scan# 3002

Delta R.T. 0.000 min

Lab File: VN069417.D

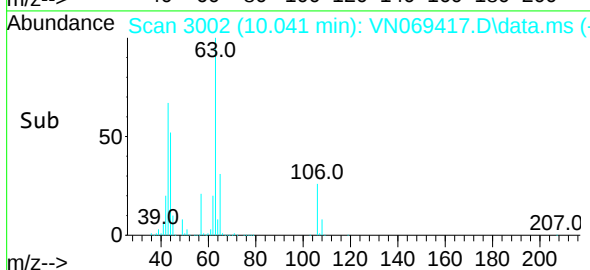
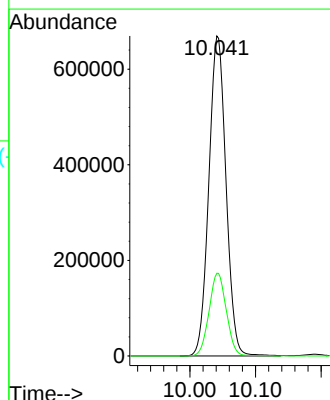
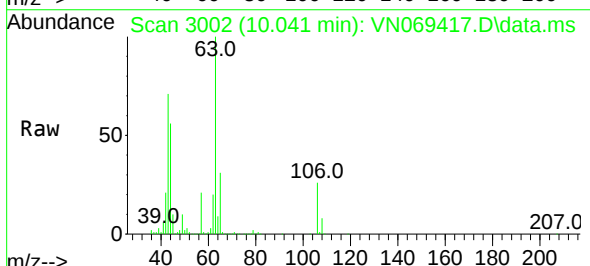
Acq: 9 Nov 2021 11:39

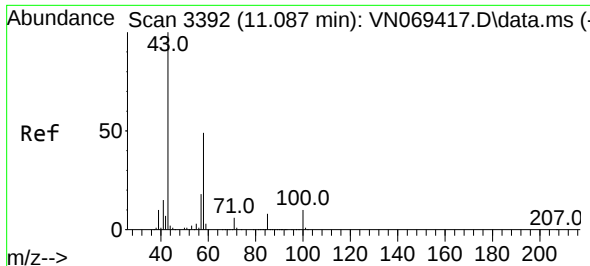
Tgt Ion: 63 Resp: 1215055

Ion Ratio Lower Upper

63 100

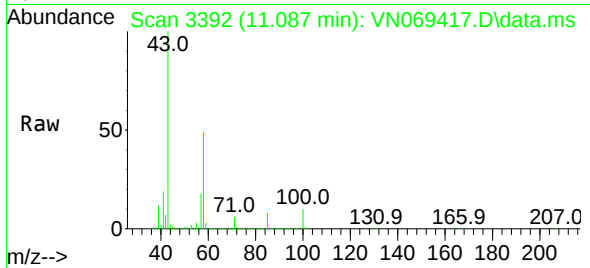
106 26.0 23.9 35.9





#59
2-Hexanone
Concen: 354.506 ug/l
RT: 11.087 min Scan# 3392
Delta R.T. 0.000 min
Lab File: VN069417.D
Acq: 9 Nov 2021 11:39

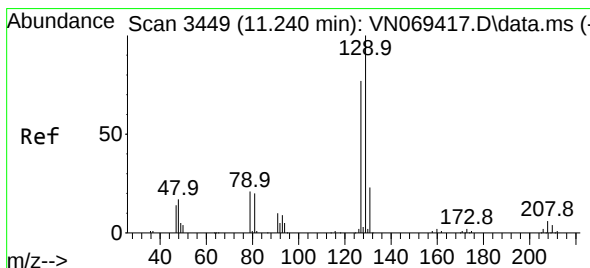
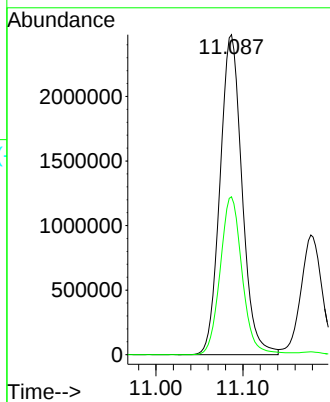
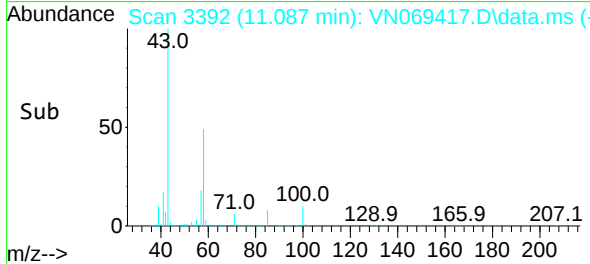
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



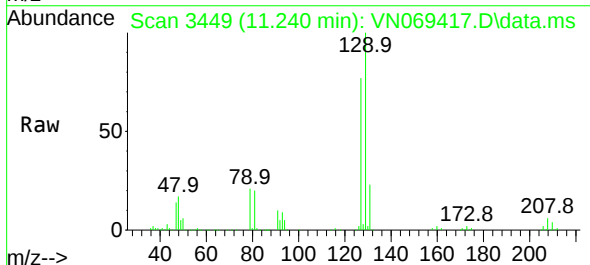
Tgt Ion: 43 Resp: 435933
Ion Ratio Lower Upper
43 100
58 49.3 26.9 80.7

Manual Integrations
APPROVED

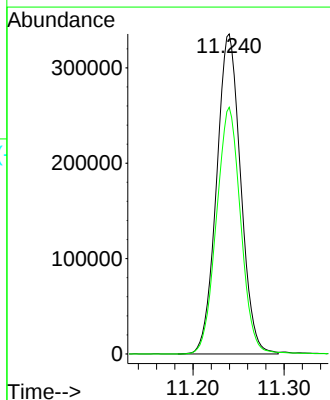
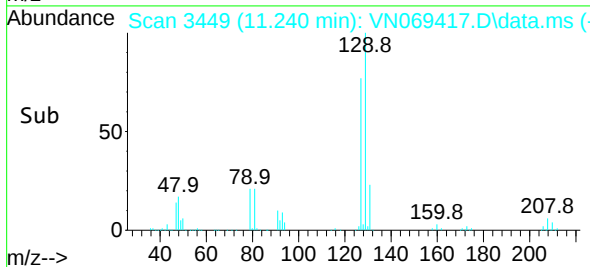
Reviewed By :John Carlone 11/10/2021
Supervised By :Semsettin Yesilyurt 11/17/2021

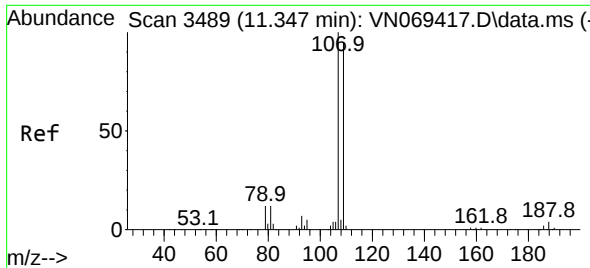


#60
Dibromochloromethane
Concen: 60.560 ug/l
RT: 11.240 min Scan# 3449
Delta R.T. 0.000 min
Lab File: VN069417.D
Acq: 9 Nov 2021 11:39



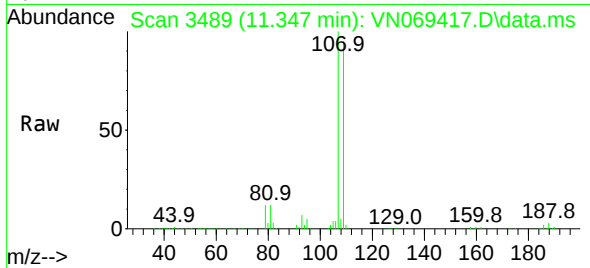
Tgt Ion:129 Resp: 616927
Ion Ratio Lower Upper
129 100
127 77.6 38.6 116.0





#61
1,2-Dibromoethane
Concen: 58.987 ug/l
RT: 11.347 min Scan# 3489
Delta R.T. 0.000 min
Lab File: VN069417.D
Acq: 9 Nov 2021 11:39

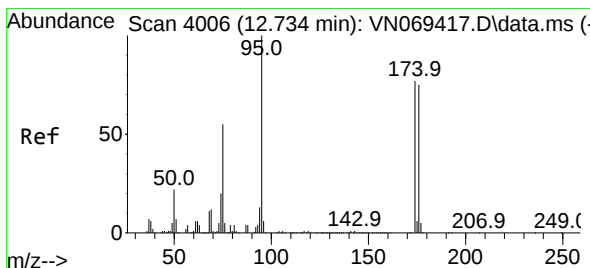
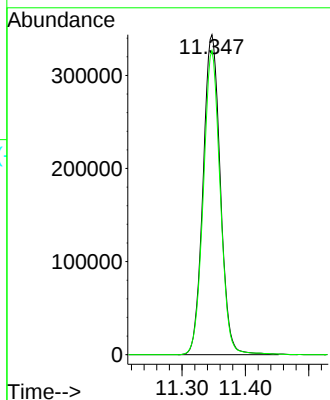
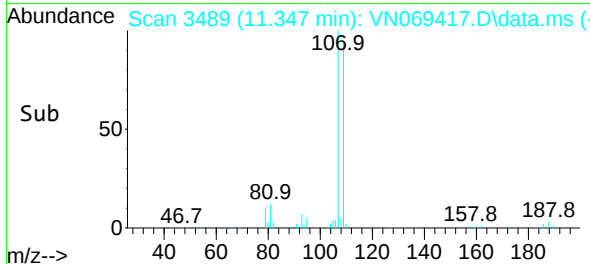
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion:107 Resp: 648272
Ion Ratio Lower Upper
107 100
109 92.8 75.7 113.5

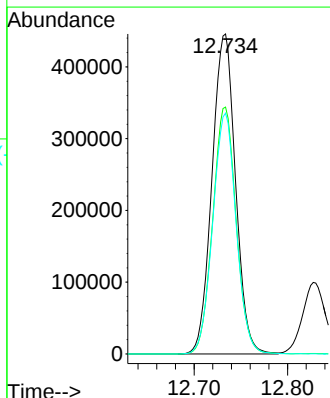
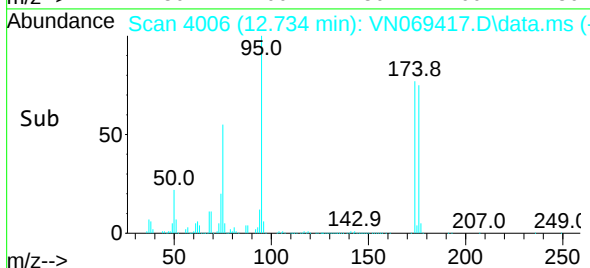
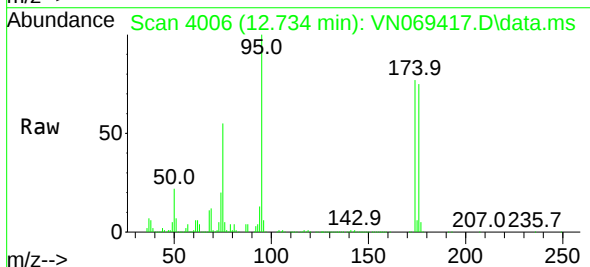
Manual Integrations
APPROVED

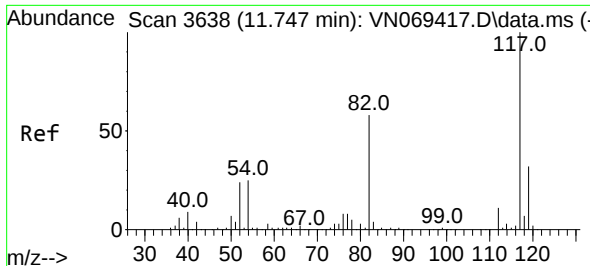
Reviewed By :John Carlone 11/10/2021
Supervised By :Semsettin Yesilyurt 11/17/2021



#62
4-Bromofluorobenzene
Concen: 58.794 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. 0.000 min
Lab File: VN069417.D
Acq: 9 Nov 2021 11:39

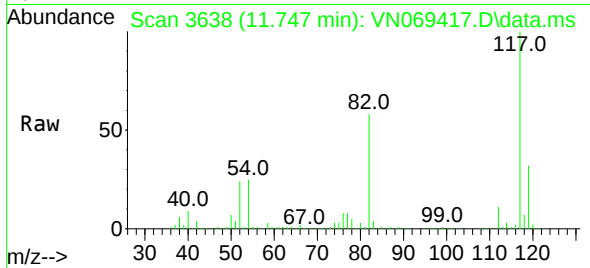
Tgt Ion: 95 Resp: 781040
Ion Ratio Lower Upper
95 100
174 76.8 0.0 187.2
176 74.8 0.0 181.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.747 min Scan# 3638
Delta R.T. 0.000 min
Lab File: VN069417.D
Acq: 9 Nov 2021 11:39

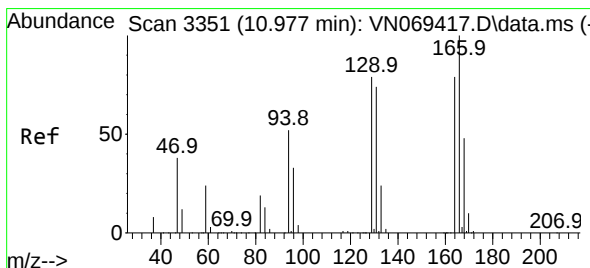
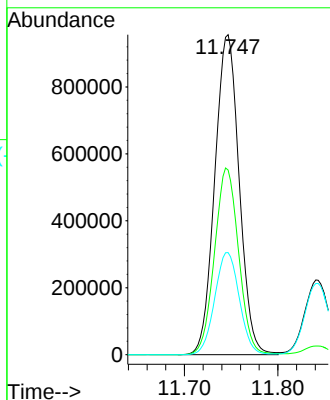
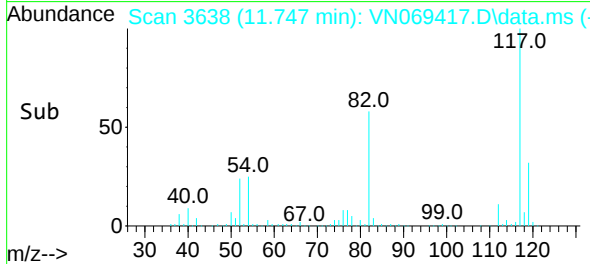
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion:117 Resp: 173719
Ion Ratio Lower Upper
117 100
82 57.7 42.4 63.6
119 31.9 25.4 38.2

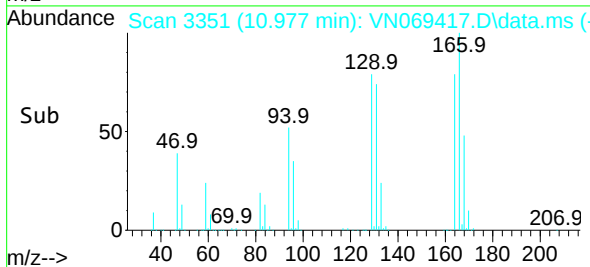
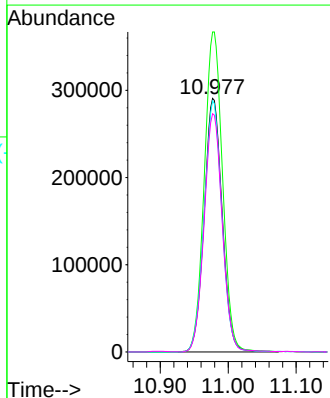
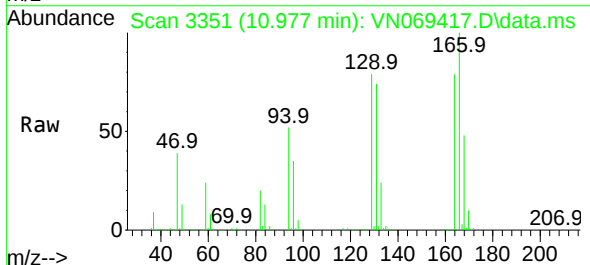
Manual Integrations
APPROVED

Reviewed By :John Carlone 11/10/2021
Supervised By :Semsettin Yesilyurt 11/17/2021



#64
Tetrachloroethene
Concen: 50.086 ug/l
RT: 10.977 min Scan# 3351
Delta R.T. 0.000 min
Lab File: VN069417.D
Acq: 9 Nov 2021 11:39

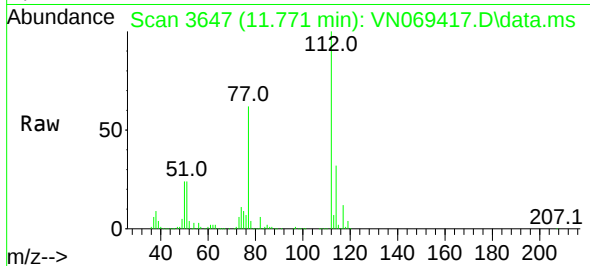
Tgt Ion:164 Resp: 535476
Ion Ratio Lower Upper
164 100
166 126.2 101.9 152.9
129 99.1 72.0 108.0
131 93.9 70.9 106.3





#65
Chlorobenzene
Concen: 53.766 ug/l
RT: 11.771 min Scan# 3647
Delta R.T. 0.000 min
Lab File: VN069417.D
Acq: 9 Nov 2021 11:39

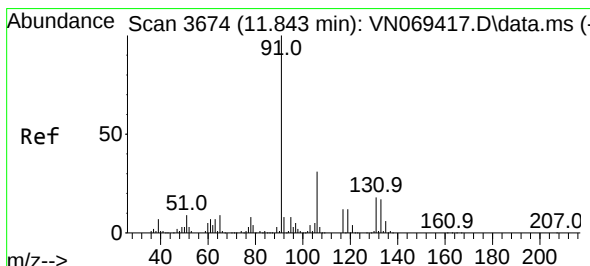
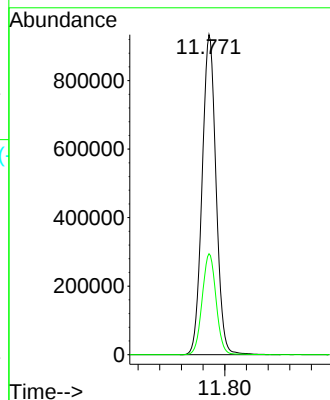
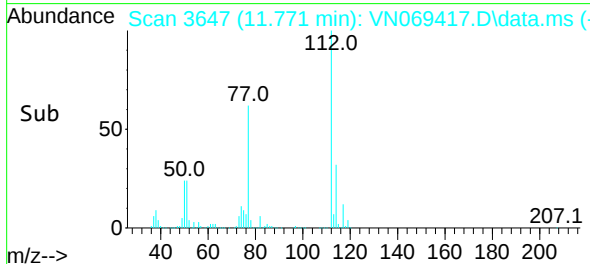
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion:112 Resp: 1664180
Ion Ratio Lower Upper
112 100
114 31.5 25.4 38.0

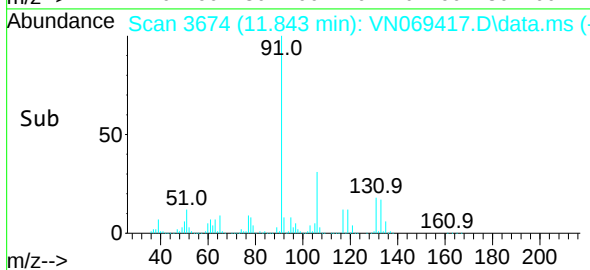
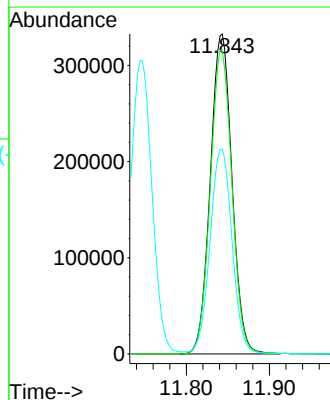
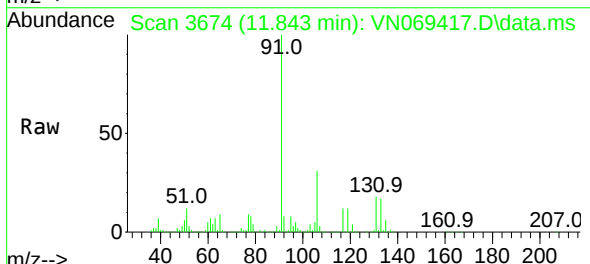
Manual Integrations
APPROVED

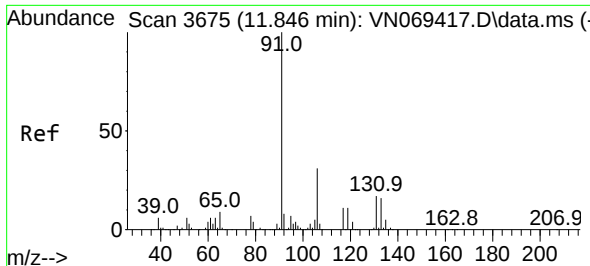
Reviewed By :John Carlone 11/10/2021
Supervised By :Semsettin Yesilyurt 11/17/2021



#66
1,1,1,2-Tetrachloroethane
Concen: 55.462 ug/l
RT: 11.843 min Scan# 3674
Delta R.T. 0.000 min
Lab File: VN069417.D
Acq: 9 Nov 2021 11:39

Tgt Ion:131 Resp: 603642
Ion Ratio Lower Upper
131 100
133 94.6 47.9 143.7
119 64.9 32.1 96.5





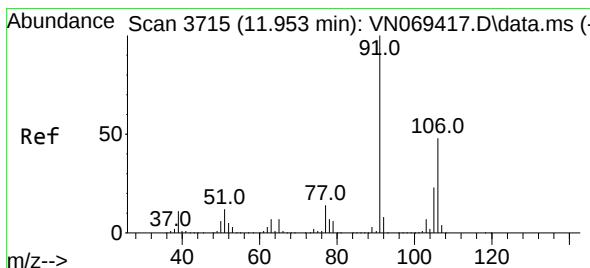
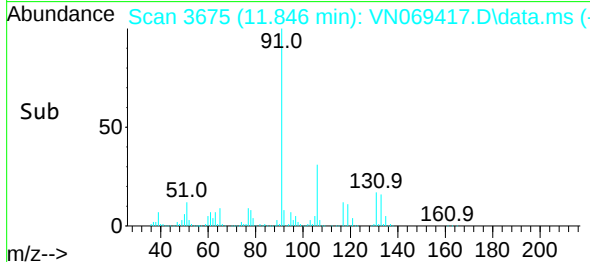
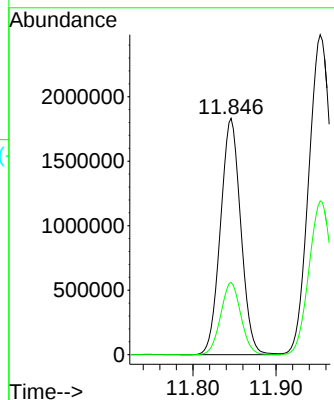
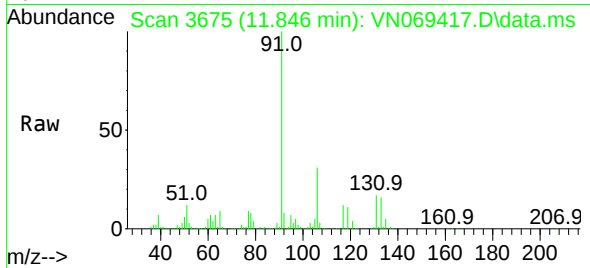
#67
Ethyl Benzene
Concen: 57.472 ug/l
RT: 11.846 min Scan# 3675
Delta R.T. 0.000 min
Lab File: VN069417.D
Acq: 9 Nov 2021 11:39

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion: 91 Resp: 312085
Ion Ratio Lower Upper
91 100
106 30.6 25.7 38.5

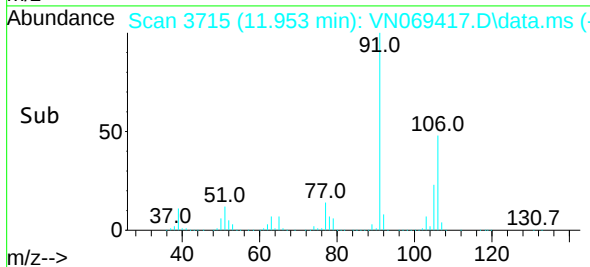
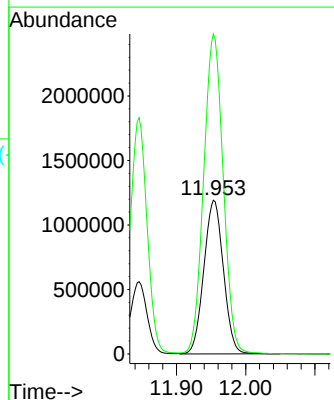
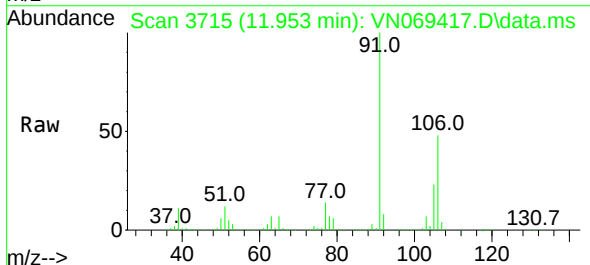
Manual Integrations
APPROVED

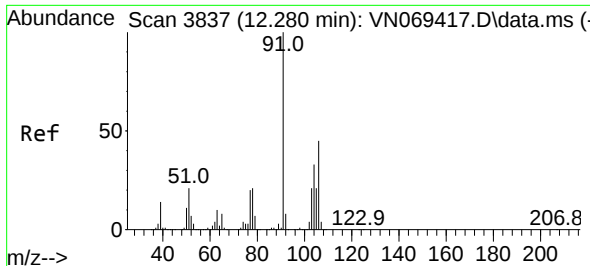
Reviewed By :John Carlone 11/10/2021
Supervised By :Semsettin Yesilyurt 11/17/2021



#68
m/p-Xylenes
Concen: 124.182 ug/l
RT: 11.953 min Scan# 3715
Delta R.T. 0.000 min
Lab File: VN069417.D
Acq: 9 Nov 2021 11:39

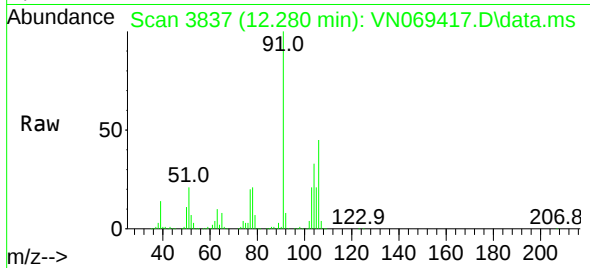
Tgt Ion:106 Resp: 2334443
Ion Ratio Lower Upper
106 100
91 208.9 160.6 240.8





#69
o-Xylene
Concen: 56.876 ug/l
RT: 12.280 min Scan# 3837
Delta R.T. 0.000 min
Lab File: VN069417.D
Acq: 9 Nov 2021 11:39

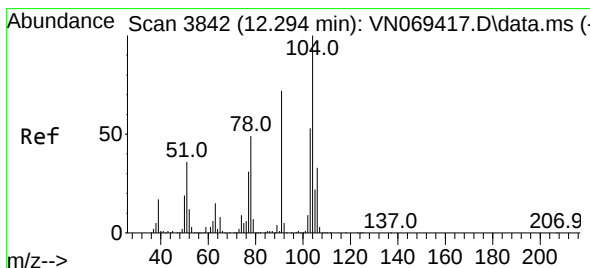
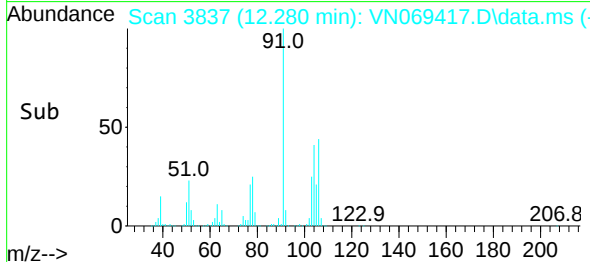
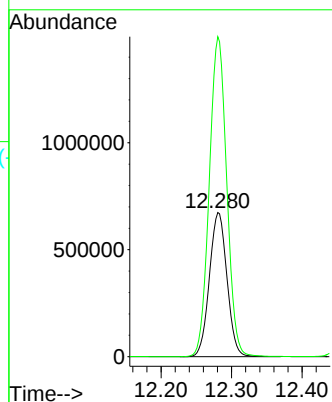
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion:106 Resp: 116434
Ion Ratio Lower Upper
106 100
91 220.4 105.8 317.3

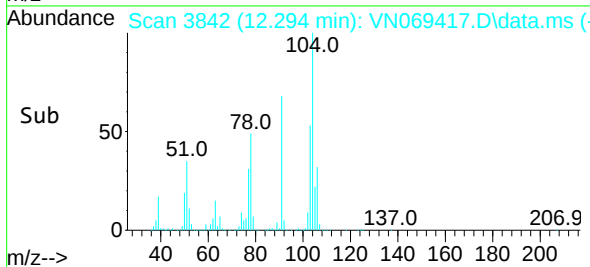
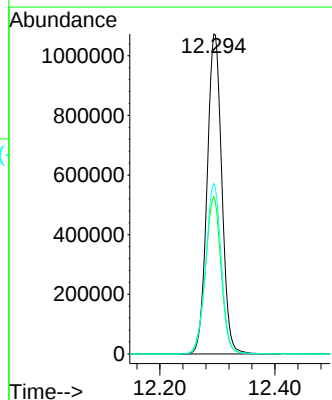
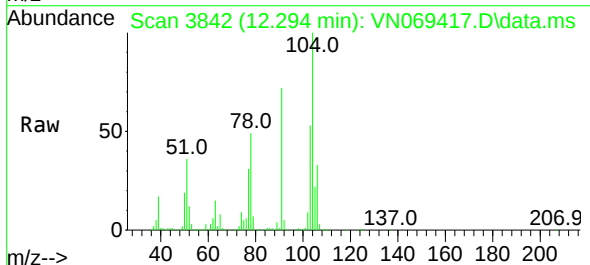
Manual Integrations
APPROVED

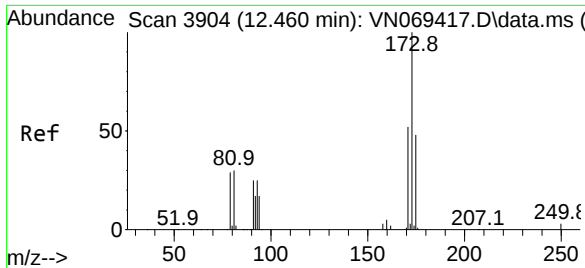
Reviewed By :John Carlone 11/10/2021
Supervised By :Semsettin Yesilyurt 11/17/2021



#70
Styrene
Concen: 58.923 ug/l
RT: 12.294 min Scan# 3842
Delta R.T. 0.000 min
Lab File: VN069417.D
Acq: 9 Nov 2021 11:39

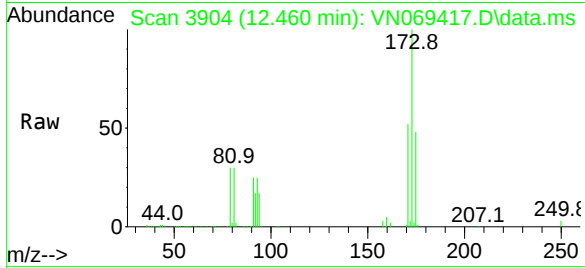
Tgt Ion:104 Resp: 1902932
Ion Ratio Lower Upper
104 100
78 52.6 38.7 58.1
103 56.2 45.0 67.6





#71
Bromoform
Concen: 57.339 ug/l
RT: 12.460 min Scan# 3904
Delta R.T. 0.000 min
Lab File: VN069417.D
Acq: 9 Nov 2021 11:39

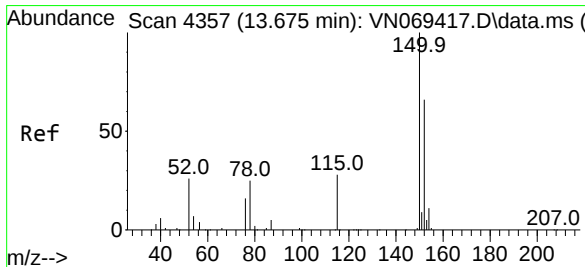
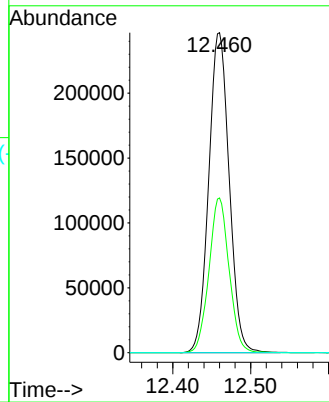
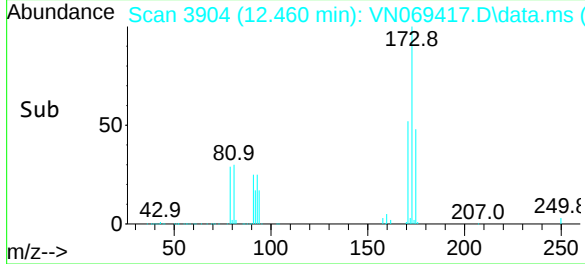
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



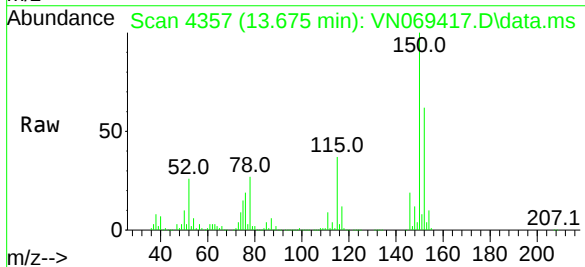
Tgt Ion:173 Resp: 44960
Ion Ratio Lower Upper
173 100
175 47.7 24.2 72.6
254 0.0 0.0 0.0

Manual Integrations
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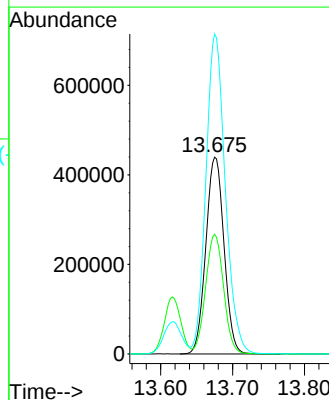
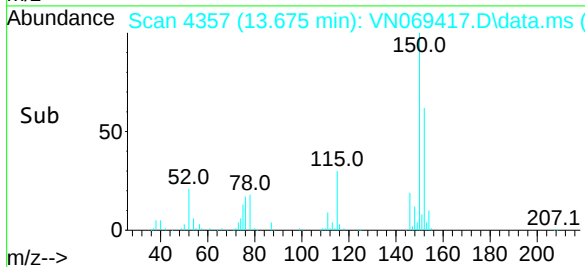
Reviewed By :John Carlone 11/10/2021
Supervised By :Semsettin Yesilyurt 11/17/2021

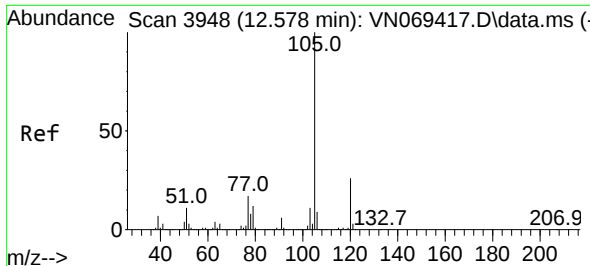


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.675 min Scan# 4357
Delta R.T. 0.000 min
Lab File: VN069417.D
Acq: 9 Nov 2021 11:39



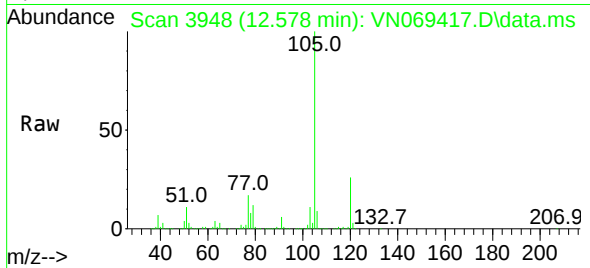
Tgt Ion:152 Resp: 775265
Ion Ratio Lower Upper
152 100
115 60.2 27.5 82.5
150 173.0 0.0 344.4





#73
Isopropylbenzene
Concen: 55.686 ug/l
RT: 12.578 min Scan# 3948
Delta R.T. 0.000 min
Lab File: VN069417.D
Acq: 9 Nov 2021 11:39

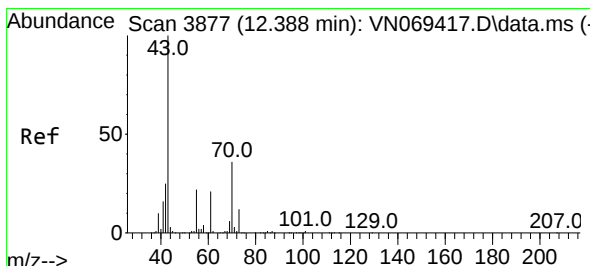
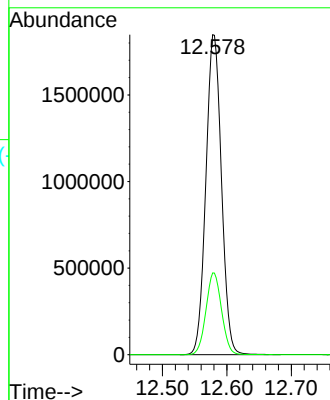
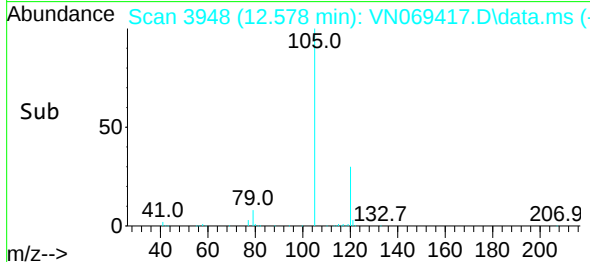
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



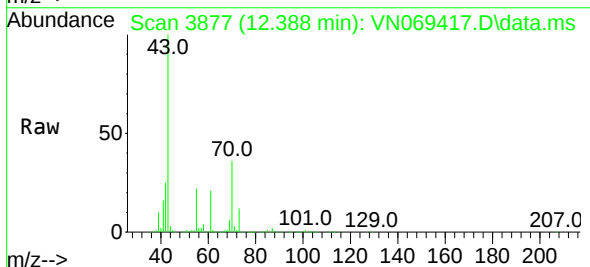
Tgt Ion:105 Resp: 3096200
Ion Ratio Lower Upper
105 100
120 25.6 13.4 40.1

Manual Integrations
APPROVED

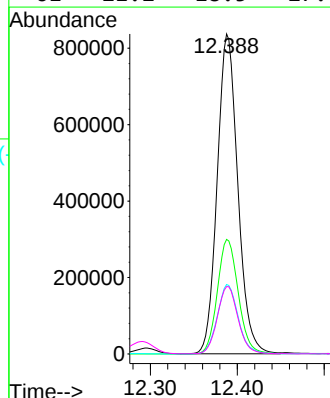
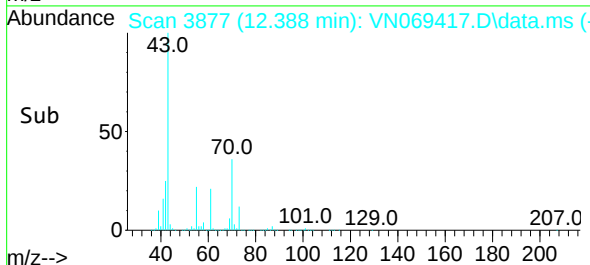
Reviewed By :John Carlone 11/10/2021
Supervised By :Semsettin Yesilyurt 11/17/2021

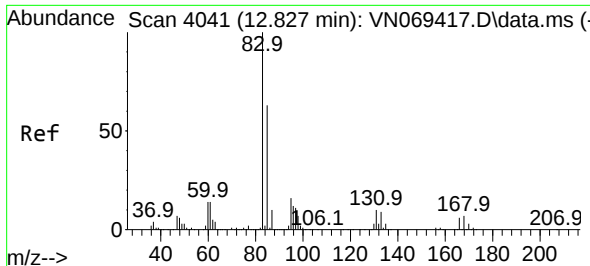


#74
N-ethyl acetate
Concen: 69.421 ug/l
RT: 12.388 min Scan# 3877
Delta R.T. 0.000 min
Lab File: VN069417.D
Acq: 9 Nov 2021 11:39



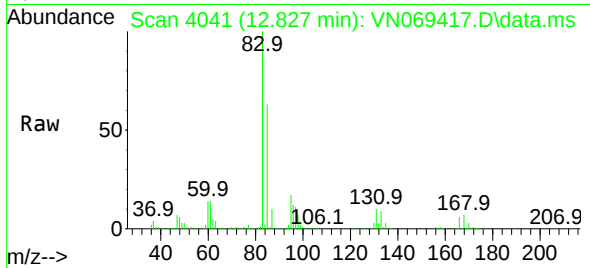
Tgt Ion: 43 Resp: 1375557
Ion Ratio Lower Upper
43 100
70 36.4 33.4 50.0
55 22.2 19.3 28.9
61 21.2 18.5 27.7





#75
1,1,2,2-Tetrachloroethane
Concen: 57.050 ug/l
RT: 12.827 min Scan# 4041
Delta R.T. 0.000 min
Lab File: VN069417.D
Acq: 9 Nov 2021 11:39

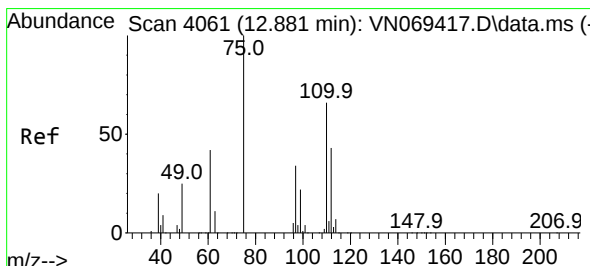
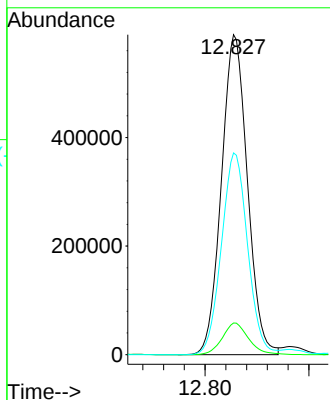
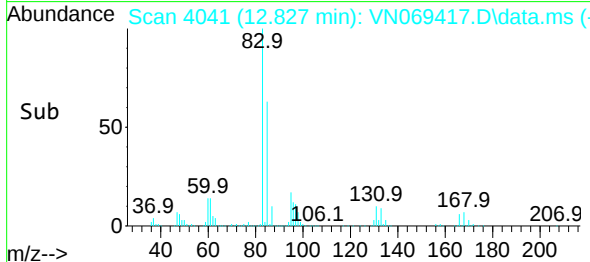
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



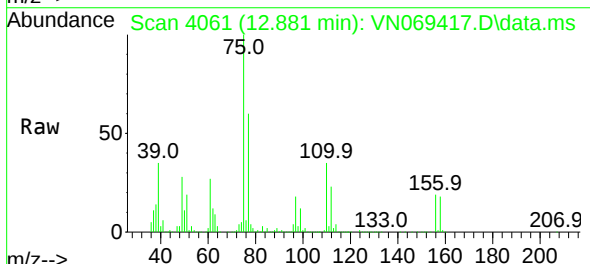
Tgt Ion: 83 Resp: 1024010
Ion Ratio Lower Upper
83 100
131 10.1 5.5 16.5
85 63.5 32.4 97.2

Manual Integrations
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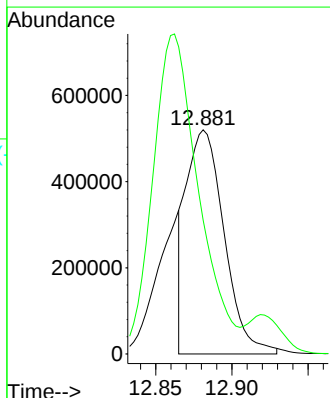
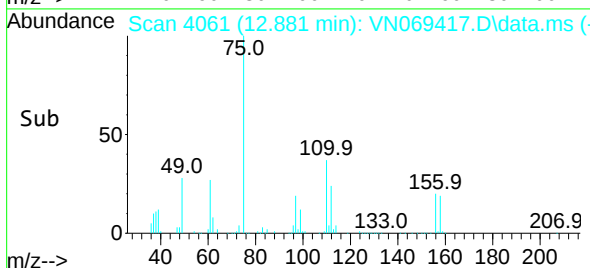
Reviewed By :John Carlone 11/10/2021
Supervised By :Semsettin Yesilyurt 11/17/2021



#76
1,2,3-Trichloropropane
Concen: 53.994 ug/l m
RT: 12.881 min Scan# 4061
Delta R.T. 0.000 min
Lab File: VN069417.D
Acq: 9 Nov 2021 11:39



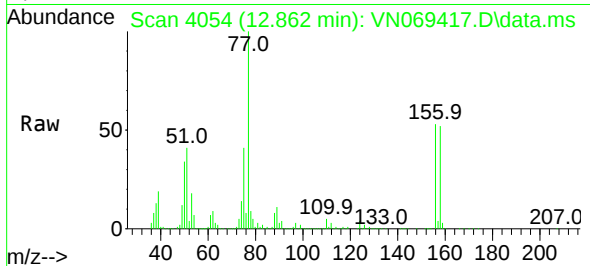
Tgt Ion: 75 Resp: 902076
Ion Ratio Lower Upper
75 100
77 171.9 82.6 247.8





#77
Bromobenzene
Concen: 50.860 ug/l
RT: 12.862 min Scan# 4054
Delta R.T. 0.000 min
Lab File: VN069417.D
Acq: 9 Nov 2021 11:39

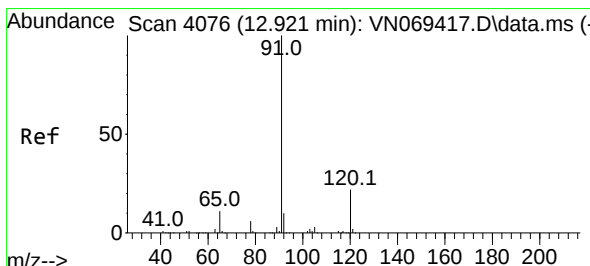
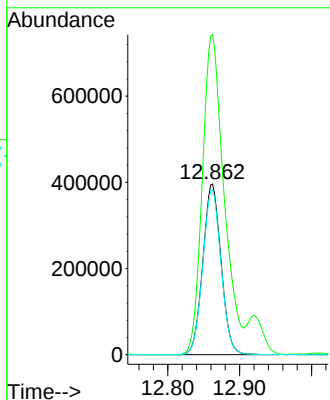
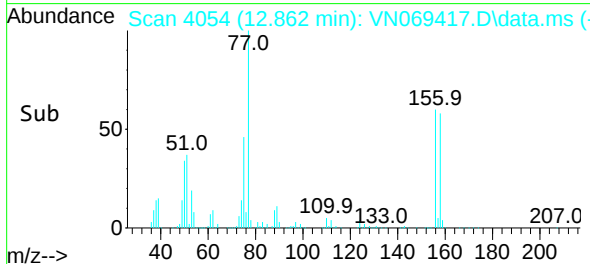
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion:156 Resp: 698617
Ion Ratio Lower Upper
156 100
77 221.9 90.6 271.8
158 96.8 48.9 146.7

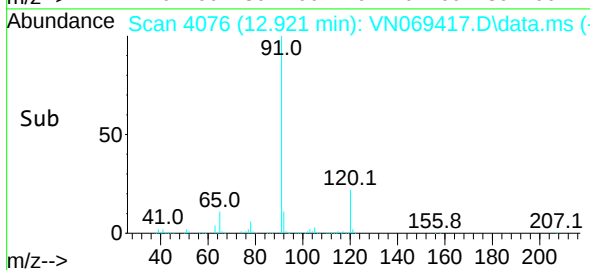
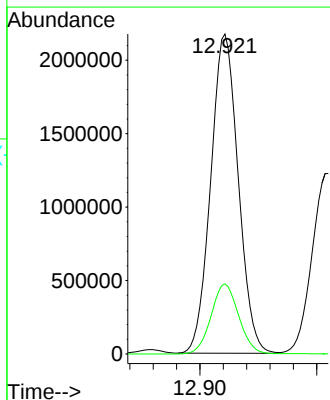
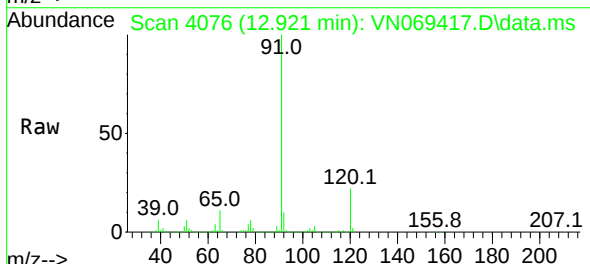
Manual Integrations
APPROVED

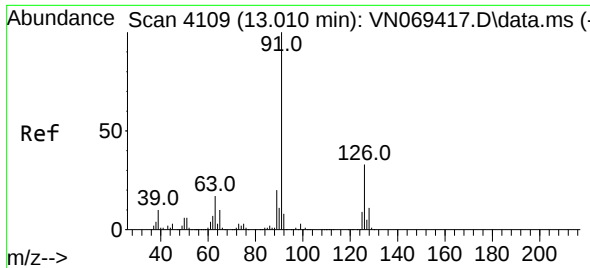
Reviewed By :John Carlone 11/10/2021
Supervised By :Semsettin Yesilyurt 11/17/2021



#78
n-propylbenzene
Concen: 58.837 ug/l
RT: 12.921 min Scan# 4076
Delta R.T. 0.000 min
Lab File: VN069417.D
Acq: 9 Nov 2021 11:39

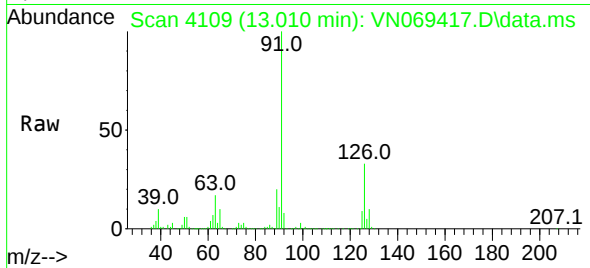
Tgt Ion: 91 Resp: 3555693
Ion Ratio Lower Upper
91 100
120 22.0 11.9 35.9





#79
2-Chlorotoluene
Concen: 56.858 ug/l
RT: 13.010 min Scan# 4109
Delta R.T. 0.000 min
Lab File: VN069417.D
Acq: 9 Nov 2021 11:39

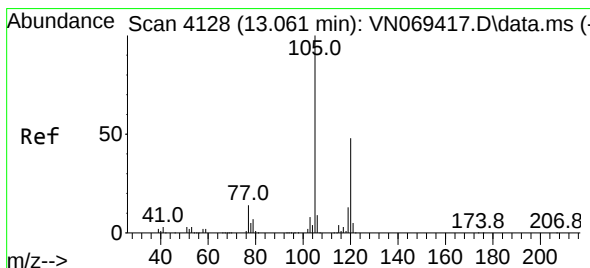
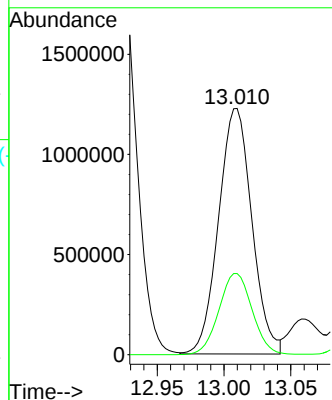
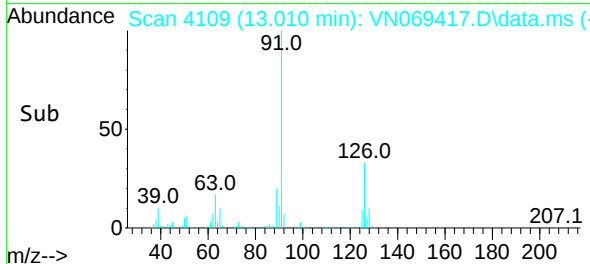
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



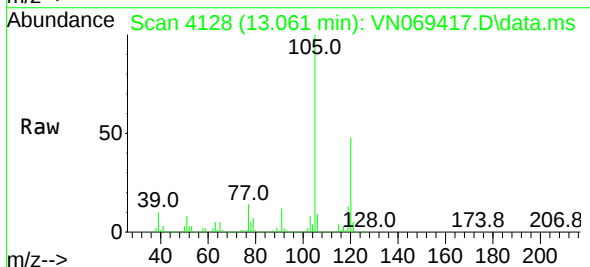
Tgt Ion: 91 Resp: 212874
Ion Ratio Lower Upper
91 100
126 33.1 18.3 54.8

Manual Integrations
APPROVED

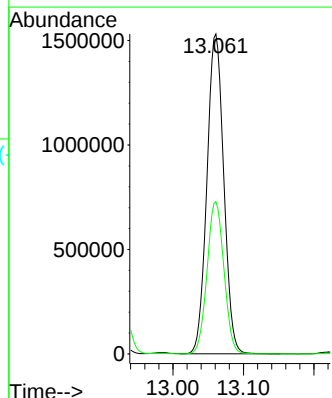
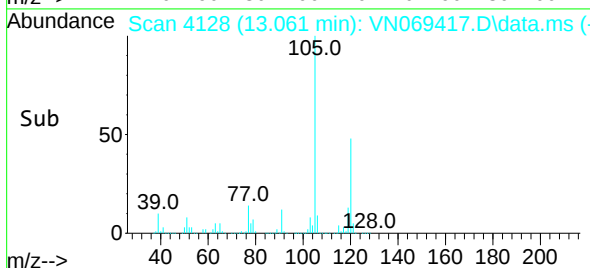
Reviewed By :John Carlone 11/10/2021
Supervised By :Semsettin Yesilyurt 11/17/2021

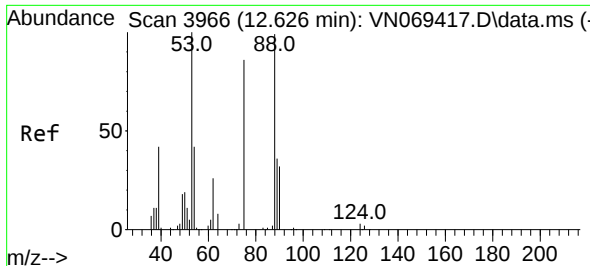


#80
1,3,5-Trimethylbenzene
Concen: 57.065 ug/l
RT: 13.061 min Scan# 4128
Delta R.T. 0.000 min
Lab File: VN069417.D
Acq: 9 Nov 2021 11:39



Tgt Ion:105 Resp: 2532396
Ion Ratio Lower Upper
105 100
120 47.8 24.6 73.6





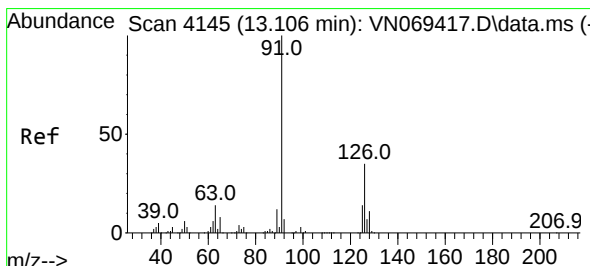
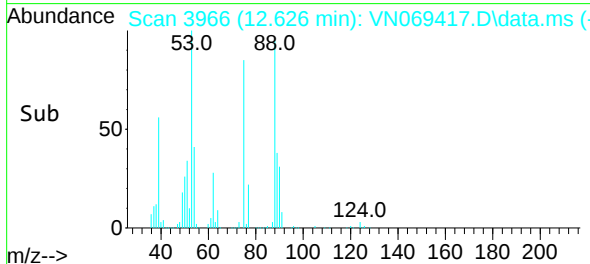
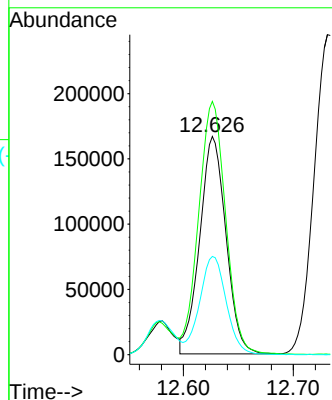
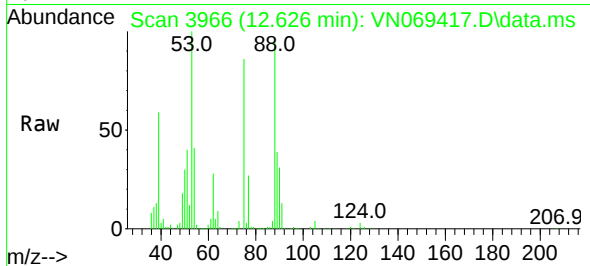
#81
trans-1,4-Dichloro-2-butene
Concen: 65.114 ug/l
RT: 12.626 min Scan# 3966
Delta R.T. 0.000 min
Lab File: VN069417.D
Acq: 9 Nov 2021 11:39

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion: 75 Resp: 276000
Ion Ratio Lower Upper
75 100
53 120.2 90.5 135.7
89 46.0 38.2 57.4

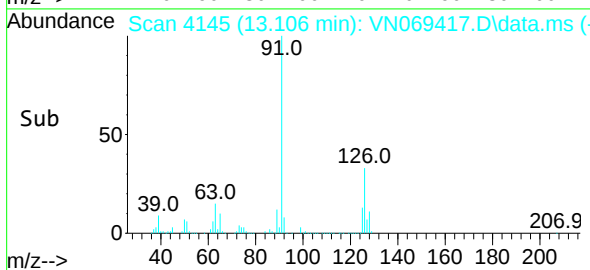
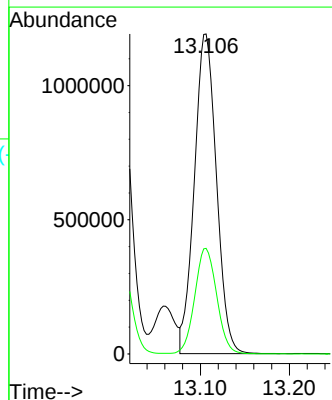
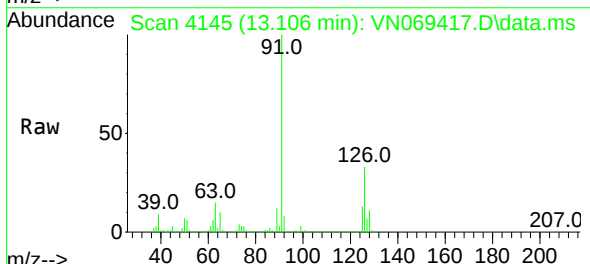
Manual Integrations
APPROVED

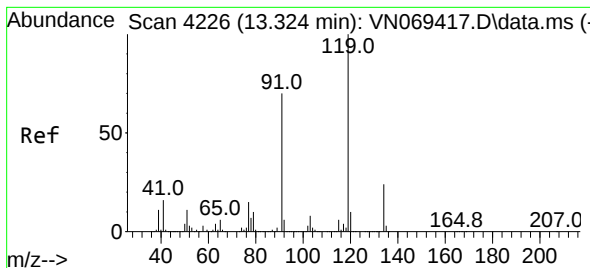
Reviewed By :John Carlone 11/10/2021
Supervised By :Semsettin Yesilyurt 11/17/2021



#82
4-Chlorotoluene
Concen: 57.850 ug/l
RT: 13.106 min Scan# 4145
Delta R.T. 0.000 min
Lab File: VN069417.D
Acq: 9 Nov 2021 11:39

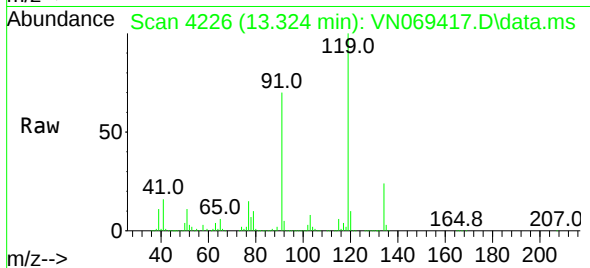
Tgt Ion: 91 Resp: 2051744
Ion Ratio Lower Upper
91 100
126 32.9 18.2 54.6





#83
tert-Butylbenzene
Concen: 55.010 ug/l
RT: 13.324 min Scan# 4226
Delta R.T. 0.000 min
Lab File: VN069417.D
Acq: 9 Nov 2021 11:39

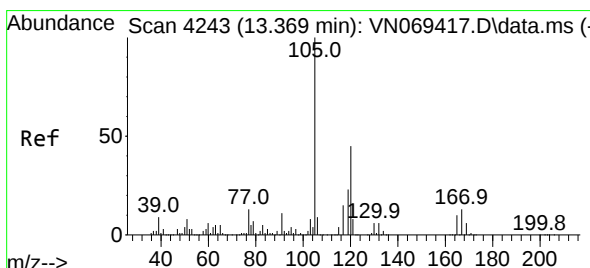
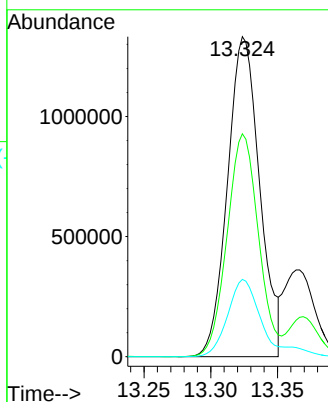
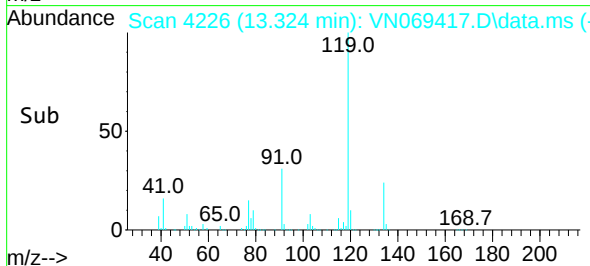
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



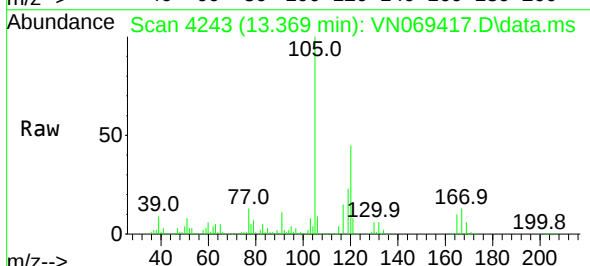
Tgt Ion:119 Resp: 223870
Ion Ratio Lower Upper
119 100
91 68.3 31.5 94.5
134 26.0 12.4 37.4

Manual Integrations
APPROVED

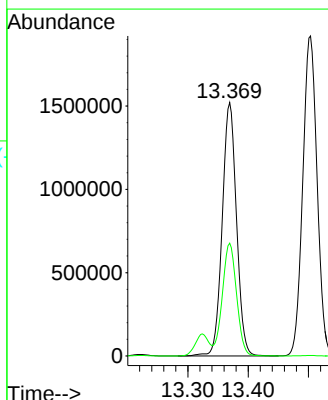
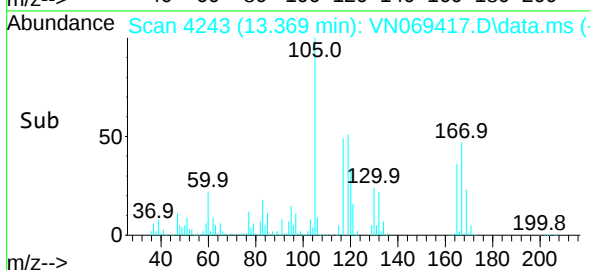
Reviewed By :John Carlone 11/10/2021
Supervised By :Semsettin Yesilyurt 11/17/2021



#84
1,2,4-Trimethylbenzene
Concen: 58.151 ug/l
RT: 13.369 min Scan# 4243
Delta R.T. 0.000 min
Lab File: VN069417.D
Acq: 9 Nov 2021 11:39



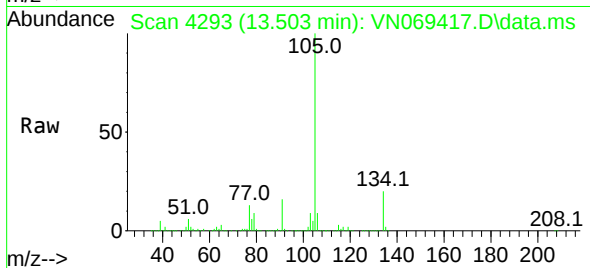
Tgt Ion:105 Resp: 2497368
Ion Ratio Lower Upper
105 100
120 44.6 22.8 68.4





#85
 sec-Butylbenzene
 Concen: 58.353 ug/l
 RT: 13.503 min Scan# 4293
 Delta R.T. 0.000 min
 Lab File: VN069417.D
 Acq: 9 Nov 2021 11:39

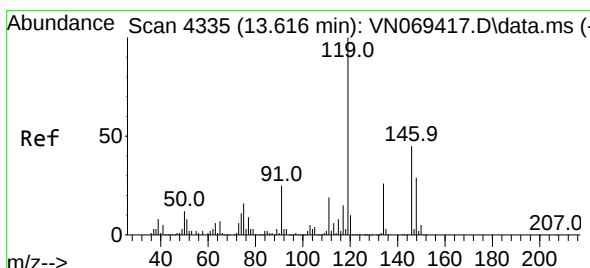
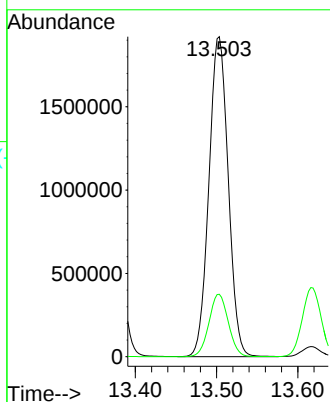
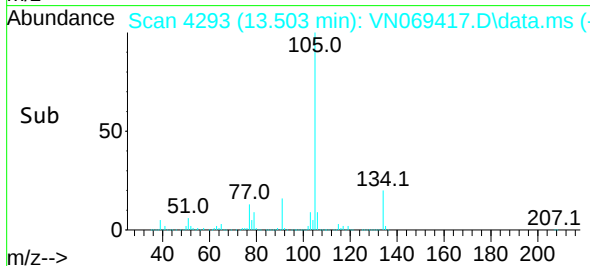
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050



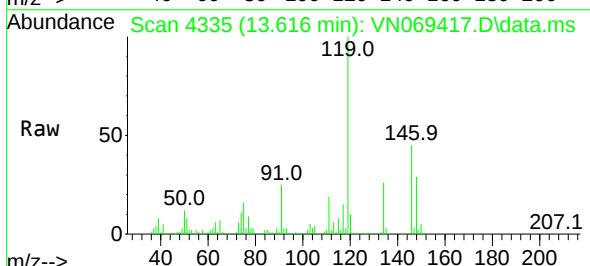
Tgt Ion:105 Resp: 3169836
 Ion Ratio Lower Upper
 105 100
 134 19.6 10.4 31.1

Manual Integrations
 APPROVED

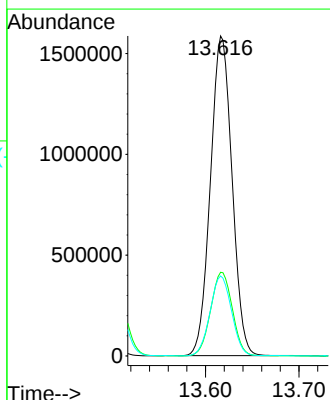
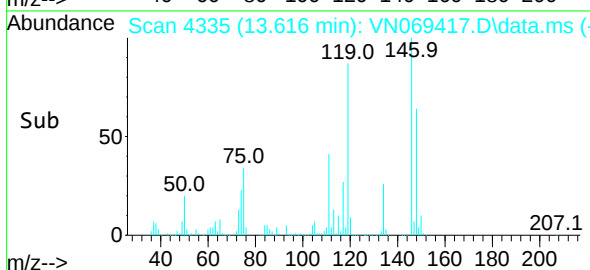
Reviewed By :John Carlone 11/10/2021
 Supervised By :Semsettin Yesilyurt 11/17/2021

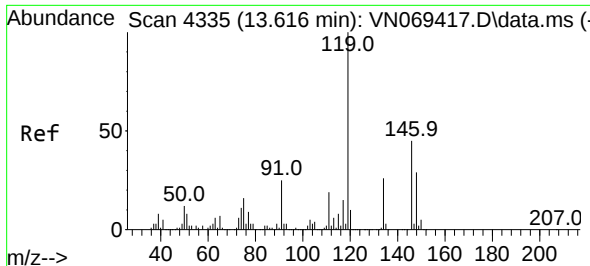


#86
 p-Isopropyltoluene
 Concen: 57.894 ug/l
 RT: 13.616 min Scan# 4335
 Delta R.T. 0.000 min
 Lab File: VN069417.D
 Acq: 9 Nov 2021 11:39



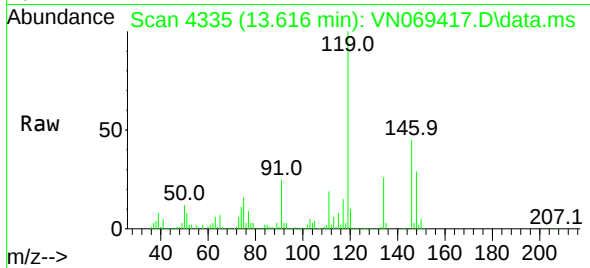
Tgt Ion:119 Resp: 2550987
 Ion Ratio Lower Upper
 119 100
 134 26.2 13.6 40.7
 91 24.8 11.4 34.1





#87
1,3-Dichlorobenzene
Concen: 53.343 ug/l
RT: 13.616 min Scan# 4335
Delta R.T. 0.000 min
Lab File: VN069417.D
Acq: 9 Nov 2021 11:39

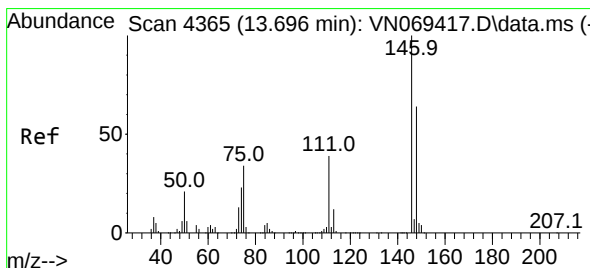
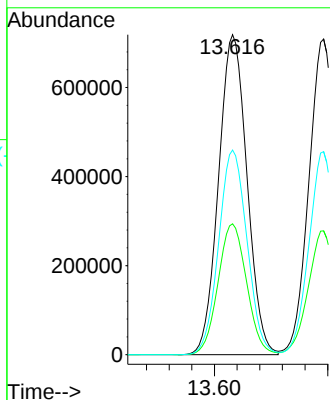
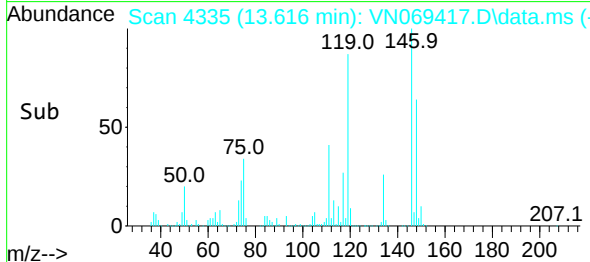
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



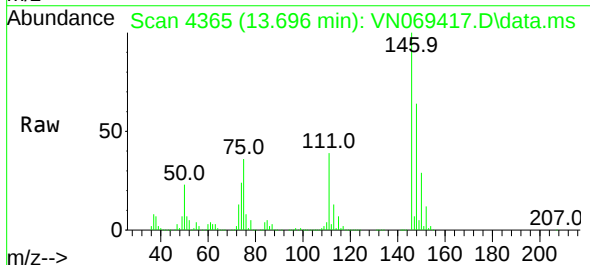
Tgt Ion:146 Resp: 1252539
Ion Ratio Lower Upper
146 100
111 41.1 18.6 55.6
148 63.8 31.6 95.0

Manual Integrations
APPROVED

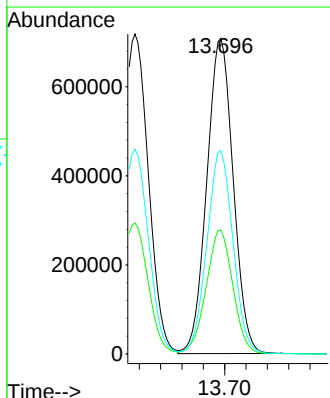
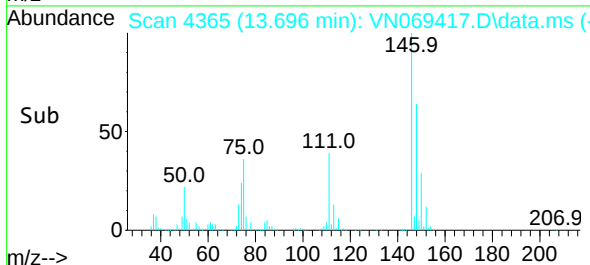
Reviewed By :John Carlone 11/10/2021
Supervised By :Semsettin Yesilyurt 11/17/2021

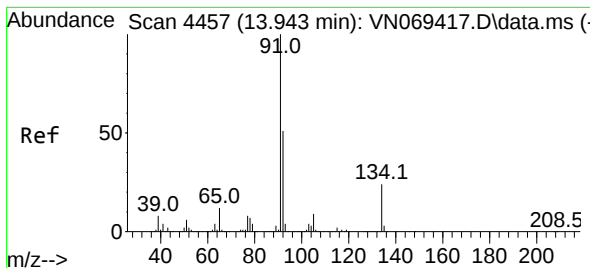


#88
1,4-Dichlorobenzene
Concen: 52.265 ug/l
RT: 13.696 min Scan# 4365
Delta R.T. 0.000 min
Lab File: VN069417.D
Acq: 9 Nov 2021 11:39



Tgt Ion:146 Resp: 1215576
Ion Ratio Lower Upper
146 100
111 39.6 18.3 54.8
148 64.2 31.8 95.4





#89

n-Butylbenzene

Concen: 62.439 ug/l

RT: 13.943 min Scan# 4457

Delta R.T. 0.000 min

Lab File: VN069417.D

Acq: 9 Nov 2021 11:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tgt Ion: 91 Resp: 215294

Ion Ratio Lower Upper

91 100

92 51.6 25.4 76.0

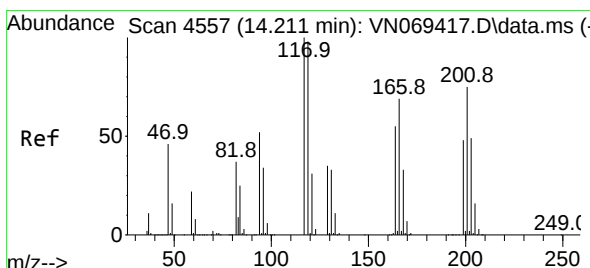
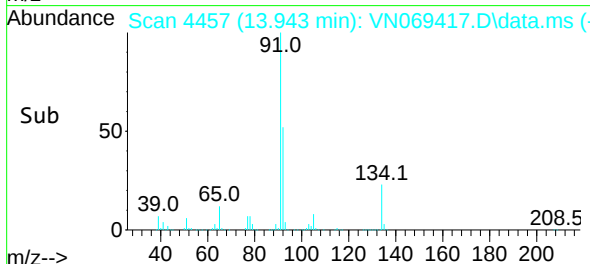
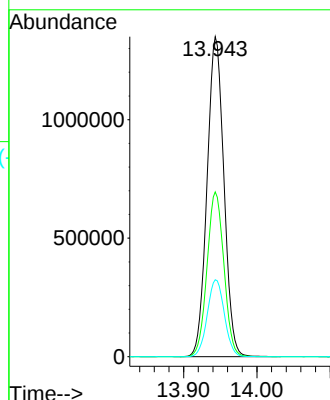
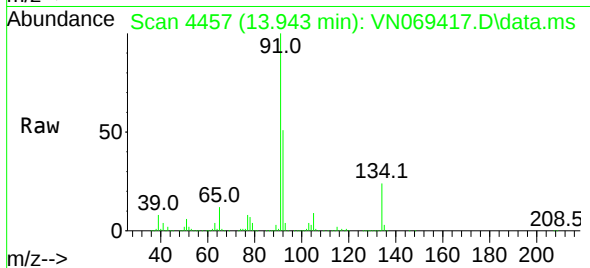
134 24.5 13.6 40.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/10/2021

Supervised By :Semsettin Yesilyurt 11/17/2021



#90

Hexachloroethane

Concen: 60.190 ug/l

RT: 14.211 min Scan# 4557

Delta R.T. 0.000 min

Lab File: VN069417.D

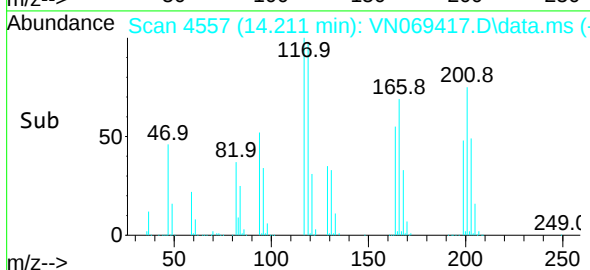
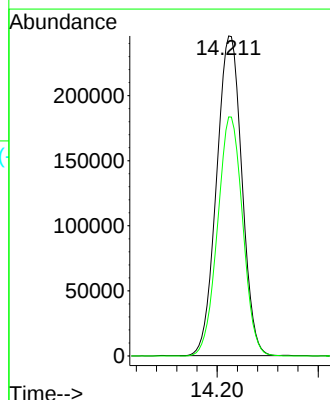
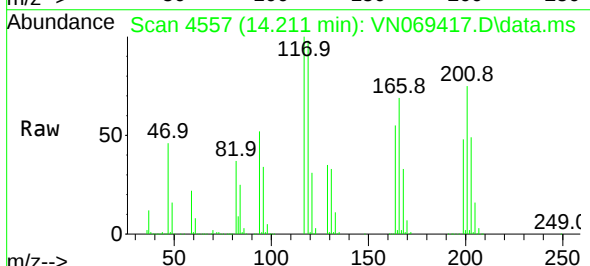
Acq: 9 Nov 2021 11:39

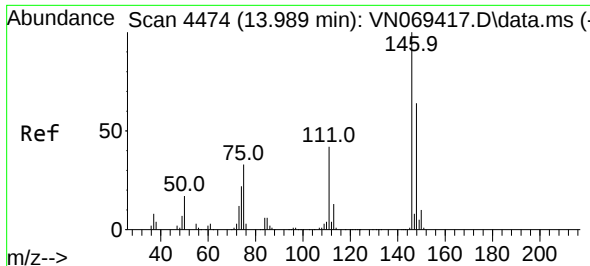
Tgt Ion:117 Resp: 427094

Ion Ratio Lower Upper

117 100

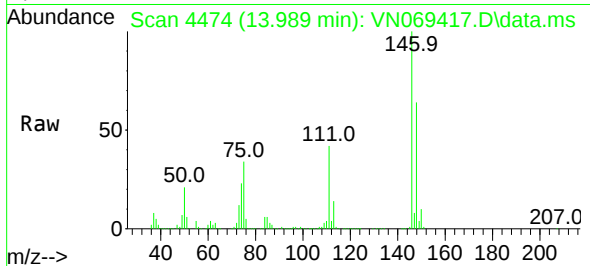
201 74.3 43.9 131.6





#91
1,2-Dichlorobenzene
Concen: 52.086 ug/l
RT: 13.989 min Scan# 4474
Delta R.T. 0.000 min
Lab File: VN069417.D
Acq: 9 Nov 2021 11:39

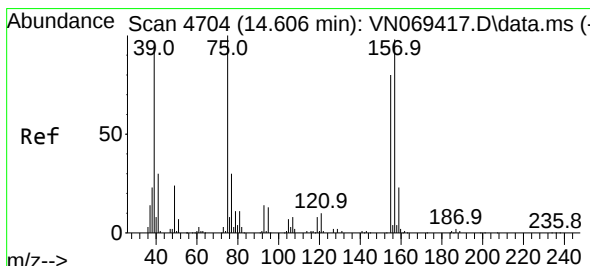
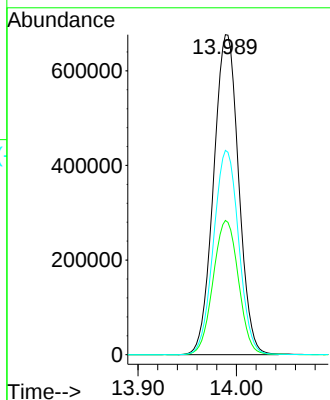
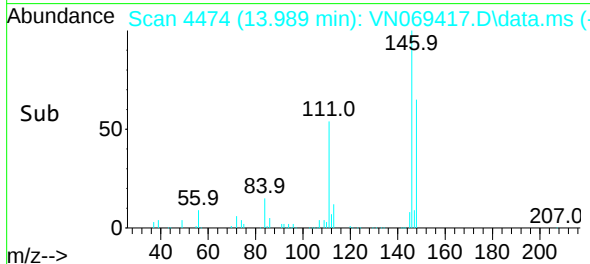
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



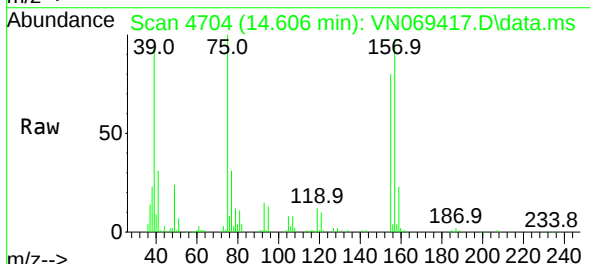
Tgt Ion:146 Resp: 1200119
Ion Ratio Lower Upper
146 100
111 42.4 19.1 57.3
148 64.3 32.1 96.3

Manual Integrations
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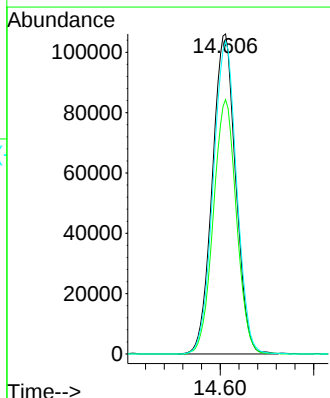
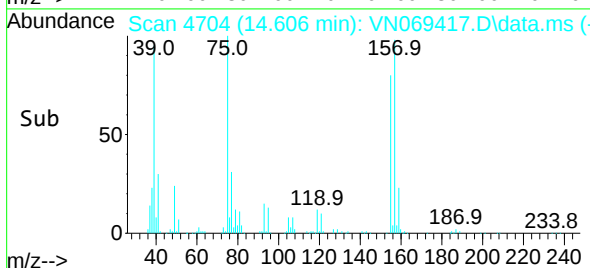
Reviewed By :John Carlone 11/10/2021
Supervised By :Semsettin Yesilyurt 11/17/2021

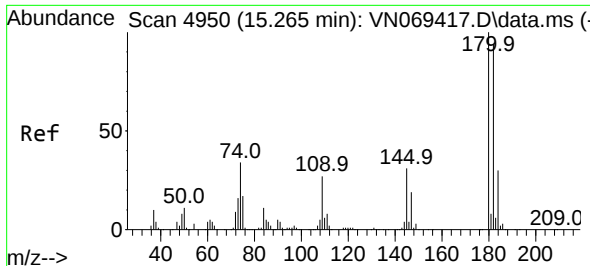


#92
1,2-Dibromo-3-Chloropropane
Concen: 64.421 ug/l
RT: 14.606 min Scan# 4704
Delta R.T. 0.000 min
Lab File: VN069417.D
Acq: 9 Nov 2021 11:39



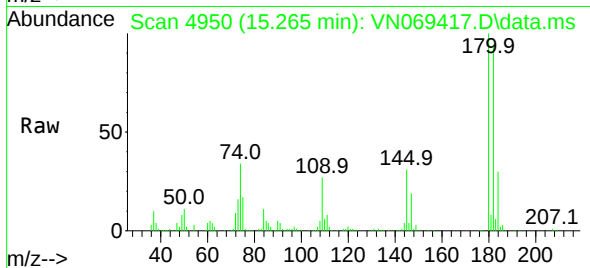
Tgt Ion: 75 Resp: 184592
Ion Ratio Lower Upper
75 100
155 78.5 46.9 140.7
157 98.1 60.6 181.7





#93
1,2,4-Trichlorobenzene
Concen: 55.069 ug/l
RT: 15.265 min Scan# 4950
Delta R.T. 0.000 min
Lab File: VN069417.D
Acq: 9 Nov 2021 11:39

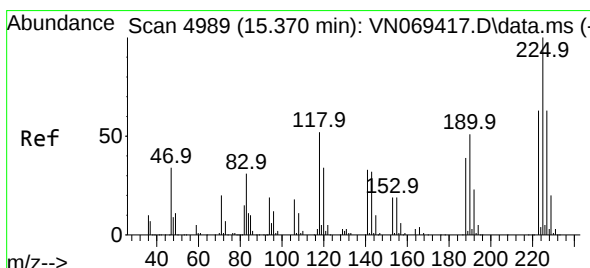
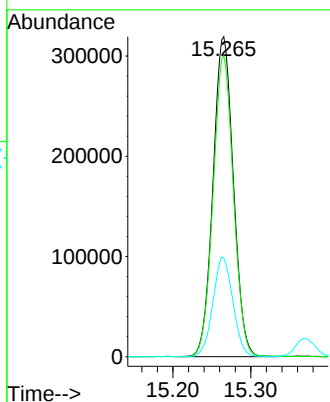
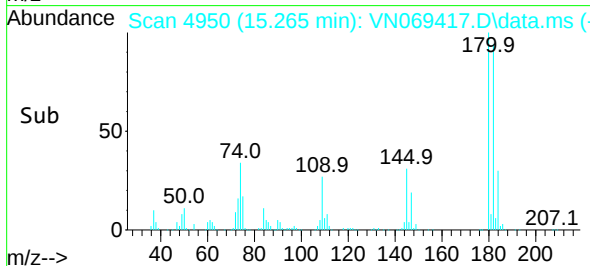
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



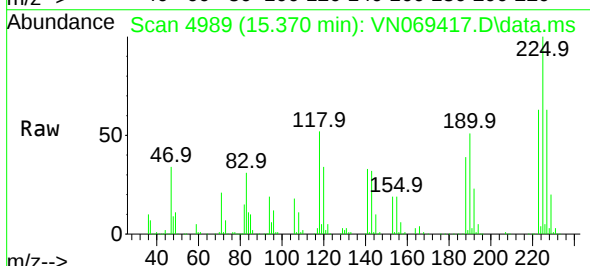
Tgt Ion:180 Resp: 57836
Ion Ratio Lower Upper
180 100
182 93.8 48.3 144.9
145 30.6 14.5 43.5

Manual Integrations
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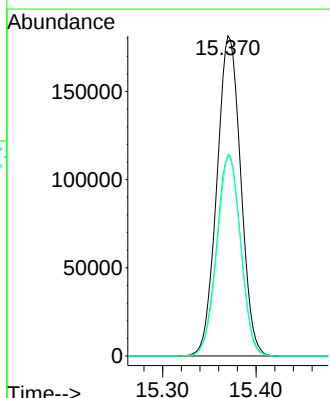
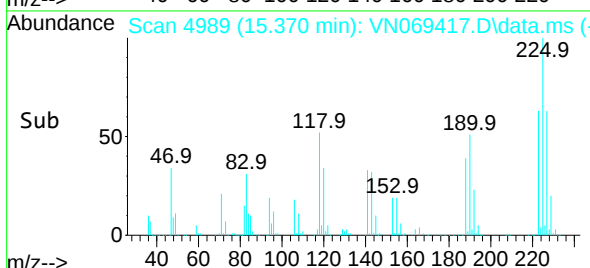
Reviewed By :John Carlone 11/10/2021
Supervised By :Semsettin Yesilyurt 11/17/2021

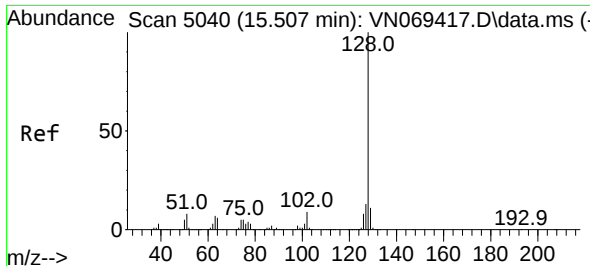


#94
Hexachlorobutadiene
Concen: 49.439 ug/l
RT: 15.370 min Scan# 4989
Delta R.T. 0.000 min
Lab File: VN069417.D
Acq: 9 Nov 2021 11:39



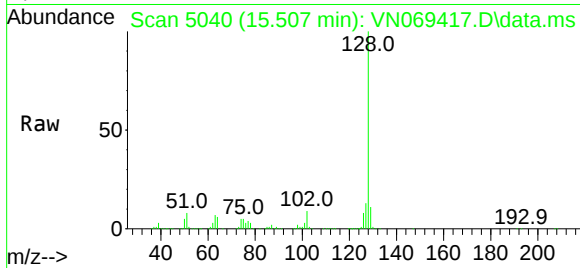
Tgt Ion:225 Resp: 322773
Ion Ratio Lower Upper
225 100
223 63.4 31.9 95.7
227 62.5 32.1 96.3





#95
Naphthalene
Concen: 53.910 ug/l
RT: 15.507 min Scan# 5040
Delta R.T. 0.000 min
Lab File: VN069417.D
Acq: 9 Nov 2021 11:39

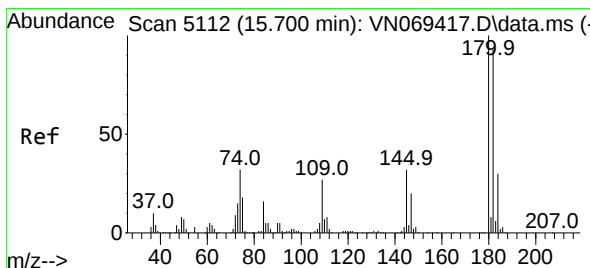
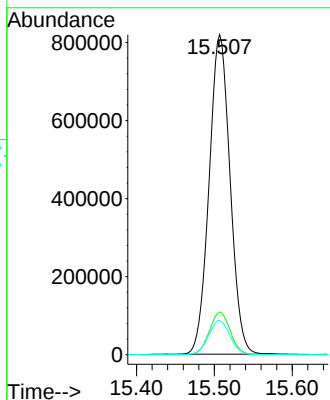
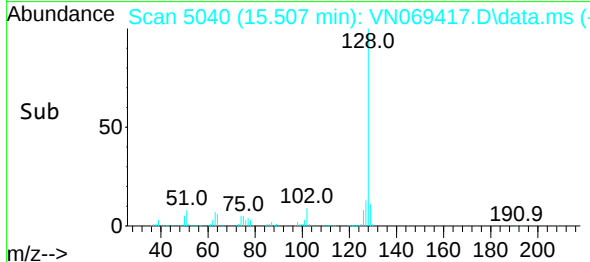
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



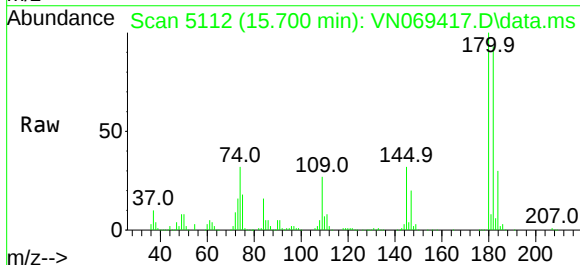
Tgt Ion:128 Resp: 1533000
Ion Ratio Lower Upper
128 100
127 13.4 10.5 15.7
129 11.0 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/10/2021
Supervised By :Semsettin Yesilyurt 11/17/2021



#96
1,2,3-Trichlorobenzene
Concen: 53.397 ug/l
RT: 15.700 min Scan# 5112
Delta R.T. 0.000 min
Lab File: VN069417.D
Acq: 9 Nov 2021 11:39



Tgt Ion:180 Resp: 551922
Ion Ratio Lower Upper
180 100
182 95.3 47.4 142.2
145 32.2 15.0 45.1

