

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111821\
 Data File : VN069566.D
 Acq On : 18 Nov 2021 20:50
 Operator : JC/MD
 Sample : M4740-10MSD
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 GWBR3D-B-290-311-111721MSD

Quant Time: Nov 19 03:21:21 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N110921W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 09 18:18:22 2021
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 11/19/2021
 Supervised By : Semsettin Yesilyurt 11/19/2021

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	1004972	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1705522	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	1620665	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.677	152	712996	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	764687	52.478	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 104.960%			
35) Dibromofluoromethane	8.024	113	547649	53.539	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 107.080%			
50) Toluene-d8	10.443	98	2086261	51.858	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 103.720%			
62) 4-Bromofluorobenzene	12.731	95	788212	53.333	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 106.660%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.073	85	512466	47.731	ug/l	100
3) Chloromethane	2.301	50	575179	46.193	ug/l	97
4) Vinyl Chloride	2.445	62	577778	46.343	ug/l	100
5) Bromomethane	2.832	94	422127	52.133	ug/l	99
6) Chloroethane	3.003	64	373331	44.363	ug/l	97
7) Trichlorofluoromethane	3.365	101	854467	44.345	ug/l	99
8) Diethyl Ether	3.821	74	316860	50.826	ug/l	87
9) 1,1,2-Trichlorotrifluo...	4.202	101	455027	50.132	ug/l	97
10) Methyl Iodide	4.414	142	594523	53.403	ug/l	98
11) Tert butyl alcohol	5.388	59	702899	267.696	ug/l	99
12) 1,1-Dichloroethene	4.173	96	433591	53.232	ug/l	90
13) Acrolein	4.041	56	120004	324.718	ug/l	100
14) Allyl chloride	4.835	41	926904	51.470	ug/l	94
15) Acrylonitrile	5.556	53	1932434	287.391	ug/l	99
16) Acetone	4.288	43	2324537	295.668	ug/l	97
17) Carbon Disulfide	4.524	76	782224	40.627	ug/l	99
18) Methyl Acetate	4.856	43	1111888	43.507	ug/l	92
19) Methyl tert-butyl Ether	5.618	73	1883128	54.629	ug/l	97
20) Methylene Chloride	5.090	84	559403	50.178	ug/l	89
21) trans-1,2-Dichloroethene	5.591	96	532974	58.583	ug/l	88
22) Diisopropyl ether	6.498	45	2097778	54.077	ug/l	93
23) Vinyl Acetate	6.433	43	6287287m	209.553	ug/l	
24) 1,1-Dichloroethane	6.388	63	1096249	55.482	ug/l	98
25) 2-Butanone	7.337	43	2914327	273.755	ug/l	94
26) 2,2-Dichloropropane	7.327	77	681648	44.093	ug/l	84
27) cis-1,2-Dichloroethene	7.327	96	2183702	193.627	ug/l	97
28) Bromochloromethane	7.659	49	557637	55.111	ug/l	82
29) Tetrahydrofuran	7.686	42	1867063	285.787	ug/l	90
30) Chloroform	7.820	83	1091096	53.865	ug/l	100
31) Cyclohexane	8.094	56	892781	44.847	ug/l	90
32) 1,1,1-Trichloroethane	8.016	97	897960	53.109	ug/l	96
36) 1,1-Dichloropropene	8.222	75	723548	50.418	ug/l	97
37) Ethyl Acetate	7.415	43	878224	45.271	ug/l	98
38) Carbon Tetrachloride	8.206	117	731351	52.786	ug/l	99
39) Methylcyclohexane	9.461	83	846903	47.440	ug/l	91
40) Benzene	8.461	78	2294133	51.791	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.638	41	563539	56.220	ug/l	90
42) 1,2-Dichloroethane	8.531	62	964515	55.609	ug/l	97
43) Isopropyl Acetate	8.563	43	1513079	48.559	ug/l	96
44) Trichloroethene	9.217	130	2053304	193.683	ug/l	93
45) 1,2-Dichloropropane	9.491	63	646696	54.644	ug/l	99
46) Dibromomethane	9.579	93	420742	53.077	ug/l	93
47) Bromodichloromethane	9.764	83	805727	54.470	ug/l	99
48) Methyl methacrylate	9.561	41	800727	54.620	ug/l	91
49) 1,4-Dioxane	9.571	88	303161	1041.795	ug/l #	88
51) 4-Methyl-2-Pentanone	10.333	43	6001298	298.385	ug/l	96
52) Toluene	10.505	92	1592201	57.697	ug/l	98
53) t-1,3-Dichloropropene	10.719	75	832161	45.979	ug/l	99
54) cis-1,3-Dichloropropene	10.191	75	896151	46.871	ug/l #	90
55) 1,1,2-Trichloroethane	10.899	97	624473	56.137	ug/l	98
56) Ethyl methacrylate	10.762	69	1055125	50.318	ug/l	87
57) 1,3-Dichloropropane	11.046	76	1073824	54.934	ug/l	99
59) 2-Hexanone	11.087	43	4387640	258.106	ug/l	93
60) Dibromochloromethane	11.240	129	597779	49.010	ug/l	100
61) 1,2-Dibromoethane	11.347	107	631095	50.810	ug/l	99
64) Tetrachloroethene	10.979	164	496928	50.781	ug/l	95
65) Chlorobenzene	11.771	112	1585313	52.553	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.843	131	584022	55.816	ug/l	99
67) Ethyl Benzene	11.846	91	2906236	52.236	ug/l	97
68) m/p-Xylenes	11.953	106	2120469	103.629	ug/l	94
69) o-Xylene	12.280	106	1083300	53.104	ug/l	94
70) Styrene	12.296	104	1737070	47.505	ug/l	96
71) Bromoform	12.460	173	428646	47.374	ug/l #	99
73) Isopropylbenzene	12.581	105	2869103	50.540	ug/l	99
74) N-amyl acetate	12.387	43	1054903	43.847	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.827	83	1028389	53.711	ug/l	99
76) 1,2,3-Trichloropropane	12.881	75	908703m	55.226	ug/l	
77) Bromobenzene	12.862	156	669894	51.597	ug/l	79
78) n-propylbenzene	12.921	91	3243828	50.781	ug/l	96
79) 2-Chlorotoluene	13.007	91	1994313	50.423	ug/l	94
80) 1,3,5-Trimethylbenzene	13.061	105	2293715	49.979	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.626	75	239053	44.028	ug/l	89
82) 4-Chlorotoluene	13.106	91	1924632	51.046	ug/l	93
83) tert-Butylbenzene	13.323	119	2117554	52.653	ug/l	94
84) 1,2,4-Trimethylbenzene	13.369	105	2239549	50.548	ug/l	98
85) sec-Butylbenzene	13.503	105	2891911	51.476	ug/l	98
86) p-Isopropyltoluene	13.616	119	2279378	51.109	ug/l	96
87) 1,3-Dichlorobenzene	13.616	146	1151556	51.159	ug/l	97
88) 1,4-Dichlorobenzene	13.696	146	1119263	50.686	ug/l	97
89) n-Butylbenzene	13.943	91	1821045	48.965	ug/l	97
90) Hexachloroethane	14.211	117	382582	46.814	ug/l	88
91) 1,2-Dichlorobenzene	13.991	146	1150135	53.697	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.605	75	186258	52.240	ug/l	81
93) 1,2,4-Trichlorobenzene	15.265	180	520129	46.573	ug/l	98
94) Hexachlorobutadiene	15.370	225	278659	50.070	ug/l	99
95) Naphthalene	15.507	128	1599750	50.495	ug/l	100
96) 1,2,3-Trichlorobenzene	15.702	180	528233	49.270	ug/l	98

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Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

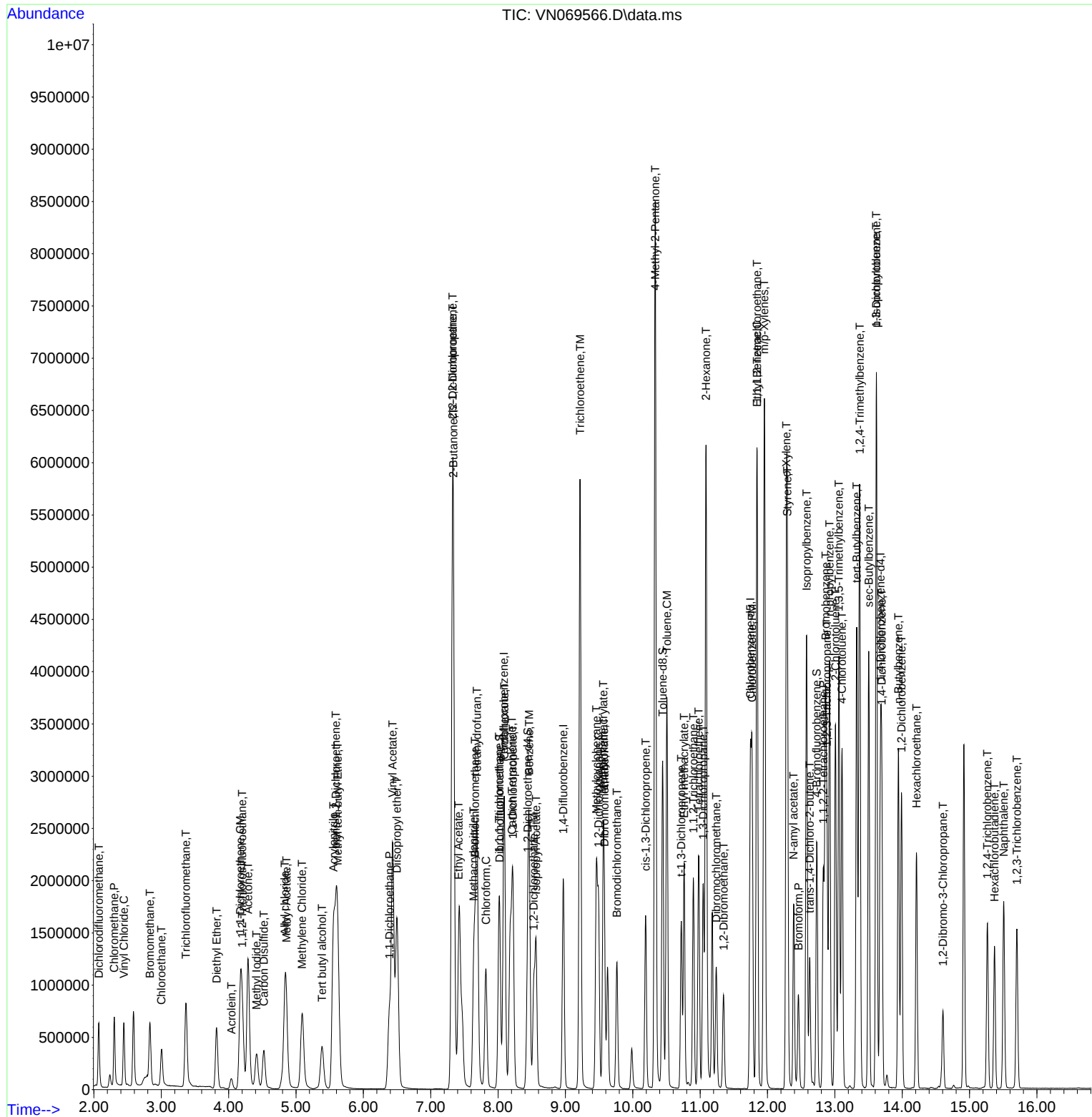
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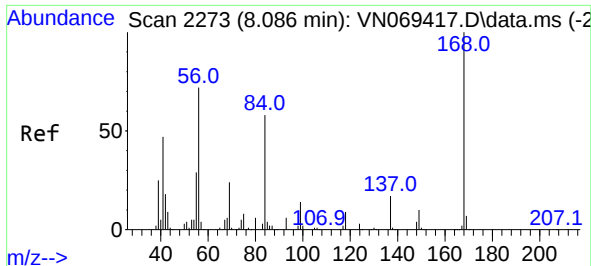
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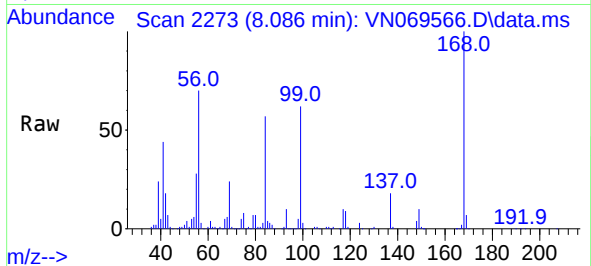
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.000 min
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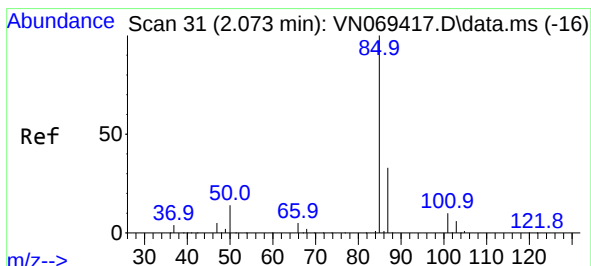
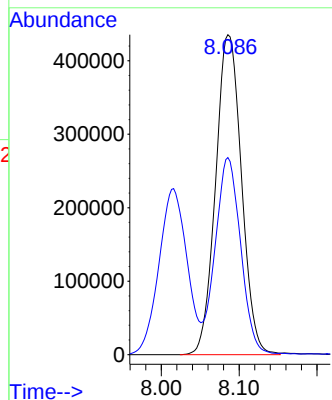
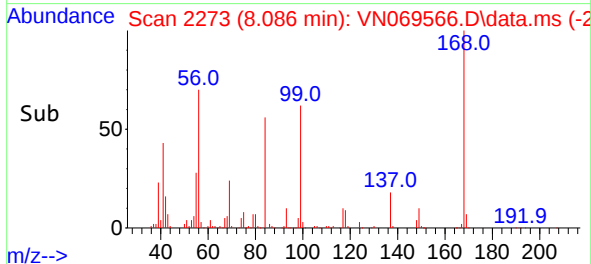
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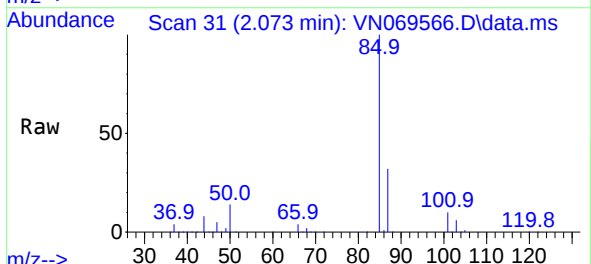
Tgt Ion:168 Resp: 1004972
Ion Ratio Lower Upper
168 100
99 61.2 41.3 61.9

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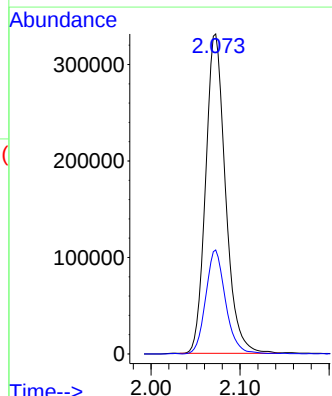
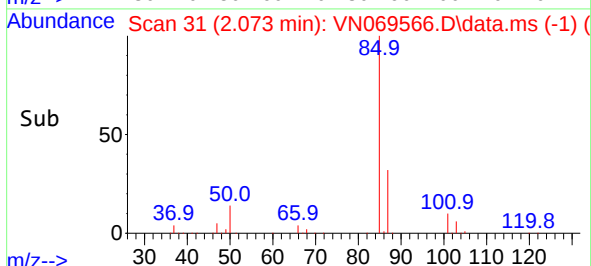
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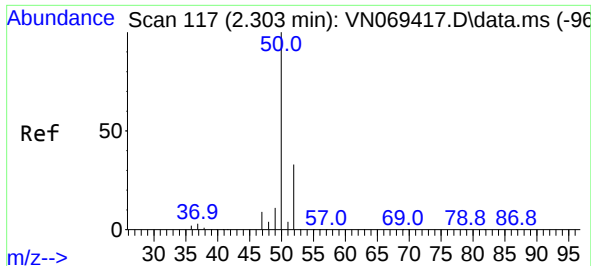


#2
Dichlorodifluoromethane
Concen: 47.731 ug/l
RT: 2.073 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN069566.D
Acq: 18 Nov 2021 20:50



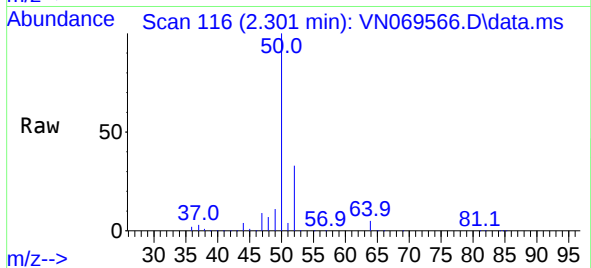
Tgt Ion: 85 Resp: 512466
Ion Ratio Lower Upper
85 100
87 32.5 16.3 48.9





#3
Chloromethane
Concen: 46.193 ug/l
RT: 2.301 min Scan# 117
Delta R.T. -0.002 min
Lab File: VN069566.D
Acq: 18 Nov 2021 20:50

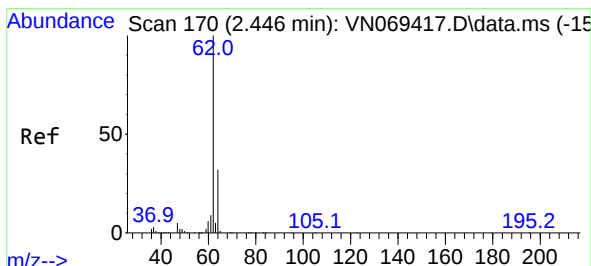
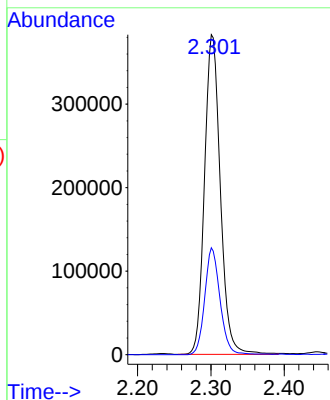
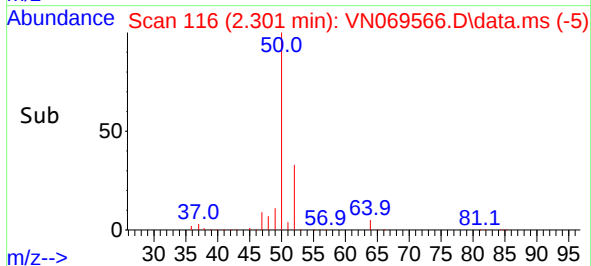
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Tgt Ion: 50 Resp: 575179
Ion Ratio Lower Upper
50 100
52 33.5 25.4 38.0

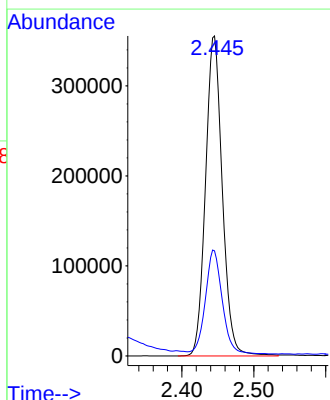
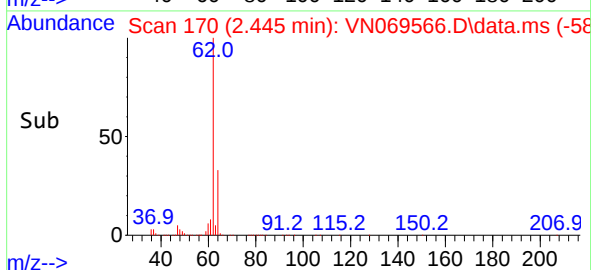
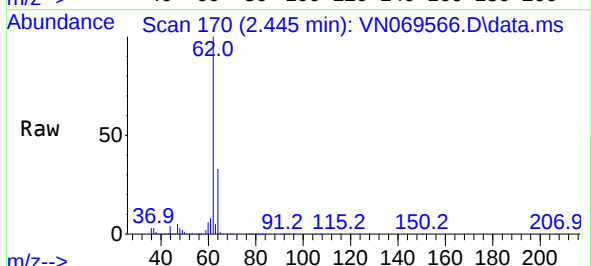
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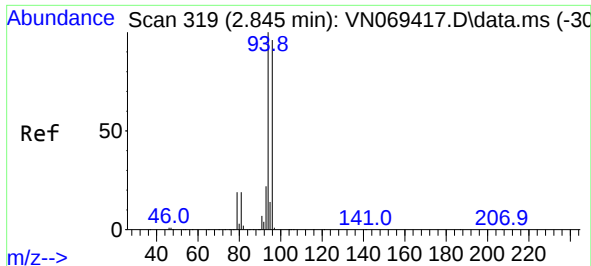
Reviewed By :John Carlone 11/19/2021
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#4
Vinyl Chloride
Concen: 46.343 ug/l
RT: 2.445 min Scan# 170
Delta R.T. -0.001 min
Lab File: VN069566.D
Acq: 18 Nov 2021 20:50

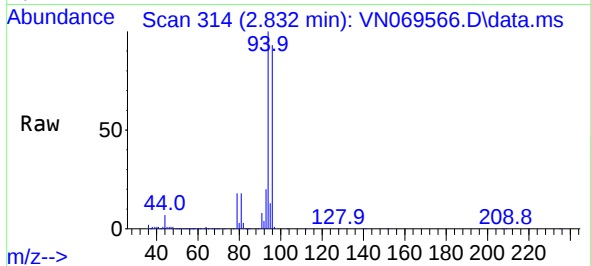
Tgt Ion: 62 Resp: 577778
Ion Ratio Lower Upper
62 100
64 32.3 25.8 38.6





#5
Bromomethane
Concen: 52.133 ug/l
RT: 2.832 min Scan# 319
Delta R.T. -0.013 min
Lab File: VN069566.D
Acq: 18 Nov 2021 20:50

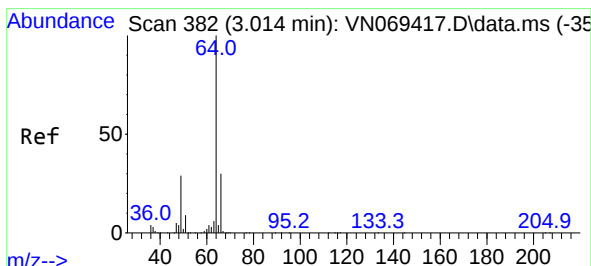
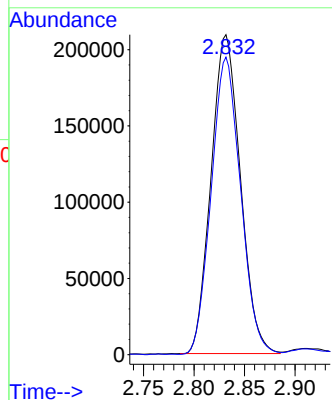
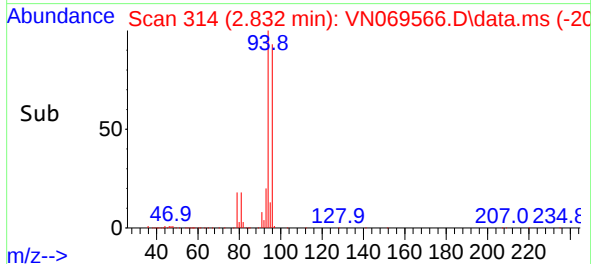
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Tgt Ion: 94 Resp: 422127
Ion Ratio Lower Upper
94 100
96 93.2 73.8 110.8

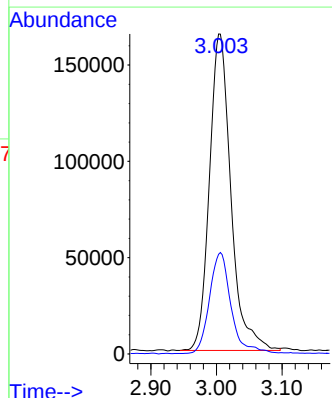
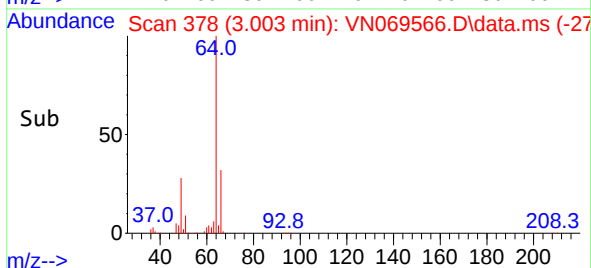
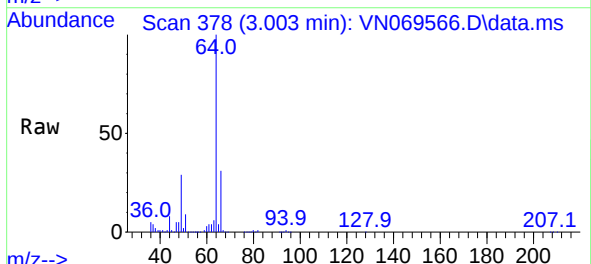
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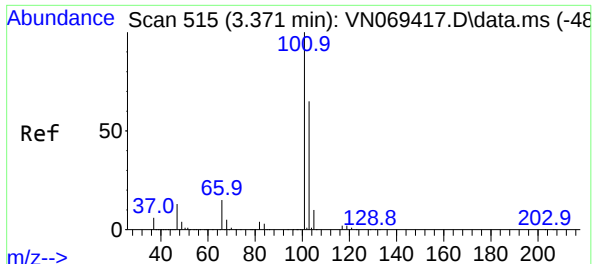
Reviewed By :John Carlone 11/19/2021
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#6
Chloroethane
Concen: 44.363 ug/l
RT: 3.003 min Scan# 378
Delta R.T. -0.011 min
Lab File: VN069566.D
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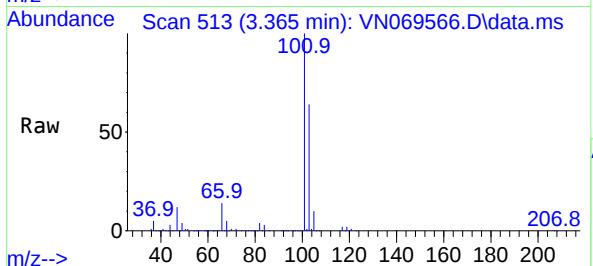
Tgt Ion: 64 Resp: 373331
Ion Ratio Lower Upper
64 100
66 31.4 26.3 39.5





#7
Trichlorofluoromethane
Concen: 44.345 ug/l
RT: 3.365 min Scan# 515
Delta R.T. -0.006 min
Lab File: VN069566.D
Acq: 18 Nov 2021 20:50

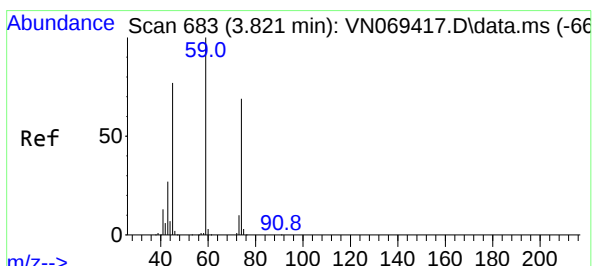
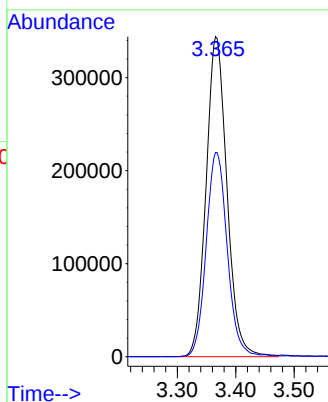
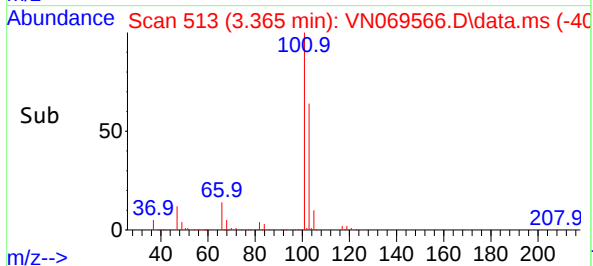
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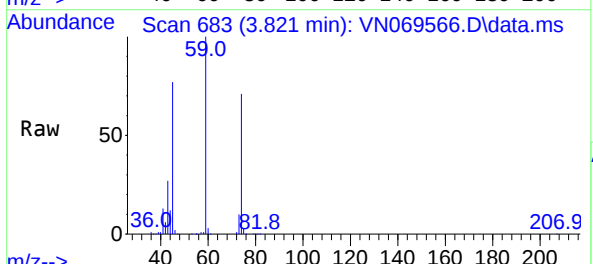
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Ion Ratio Lower Upper
101 100
103 63.7 50.1 75.1

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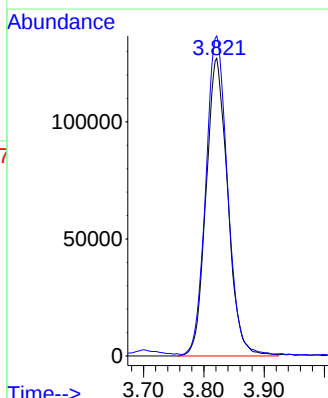
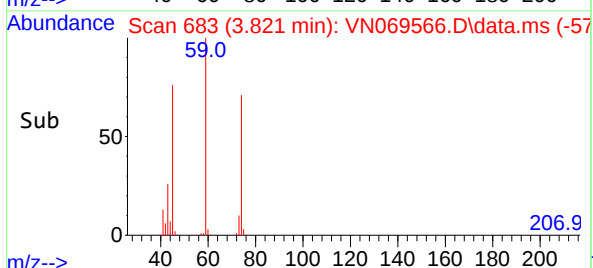
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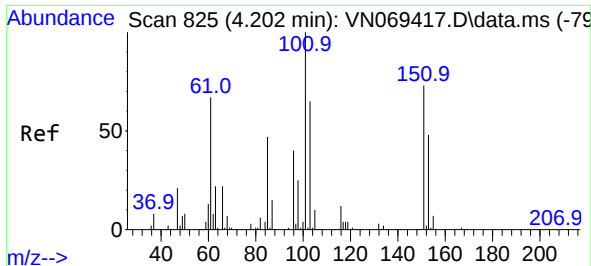


#8
Diethyl Ether
Concen: 50.826 ug/l
RT: 3.821 min Scan# 683
Delta R.T. 0.000 min
Lab File: VN069566.D
Acq: 18 Nov 2021 20:50



Tgt Ion: 74 Resp: 316860
Ion Ratio Lower Upper
74 100
45 106.6 47.0 141.2





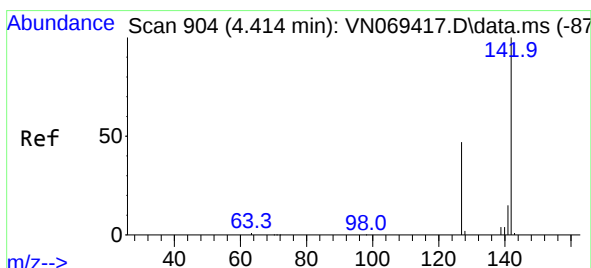
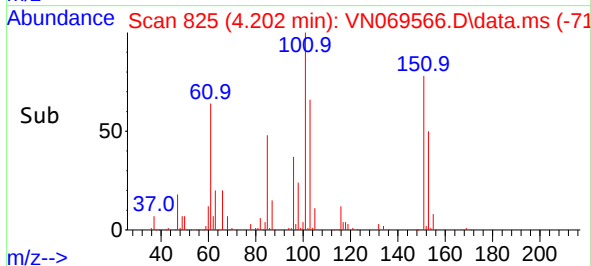
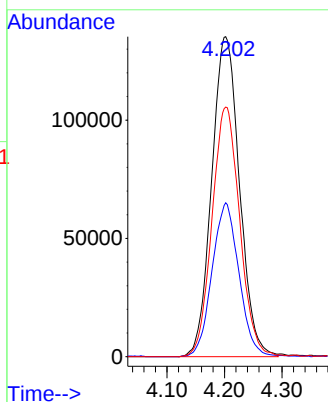
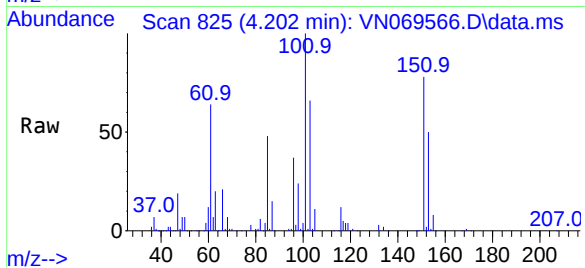
#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.132 ug/l
RT: 4.202 min Scan# 81
Delta R.T. 0.000 min
Lab File: VN069566.D
Acq: 18 Nov 2021 20:50

Instrument :
MSVOA_N
ClientSampleId :
GWR3D-B-290-311-111721MSD

Tgt Ion:101 Resp: 45502
Ion Ratio Lower Upper
101 100
85 46.6 37.2 55.8
151 77.7 65.9 98.9

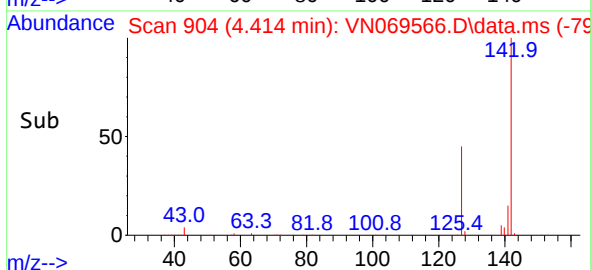
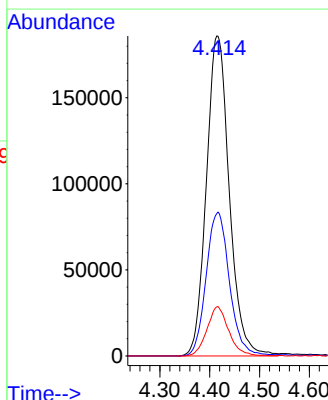
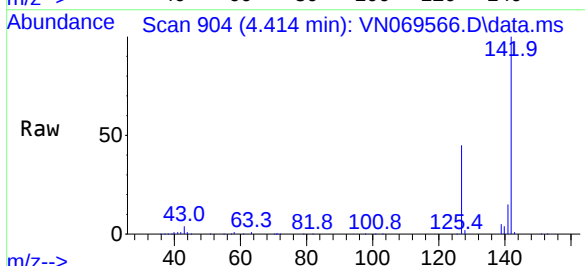
Manual Integrations
APPROVED

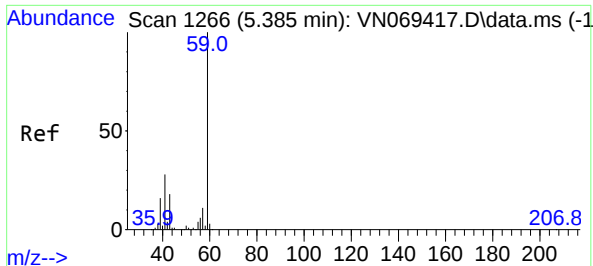
Reviewed By :John Carlone 11/19/2021
Supervised By :Semsettin Yesilyurt 11/19/2021



#10
Methyl Iodide
Concen: 53.403 ug/l
RT: 4.414 min Scan# 904
Delta R.T. -0.000 min
Lab File: VN069566.D
Acq: 18 Nov 2021 20:50

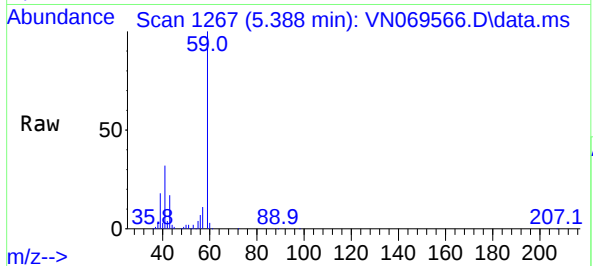
Tgt Ion:142 Resp: 594523
Ion Ratio Lower Upper
142 100
127 45.8 35.4 53.0
141 14.6 11.6 17.4





#11
Tert butyl alcohol
Concen: 267.696 ug/l
RT: 5.388 min Scan# 11
Delta R.T. 0.003 min
Lab File: VN069566.D
Acq: 18 Nov 2021 20:50

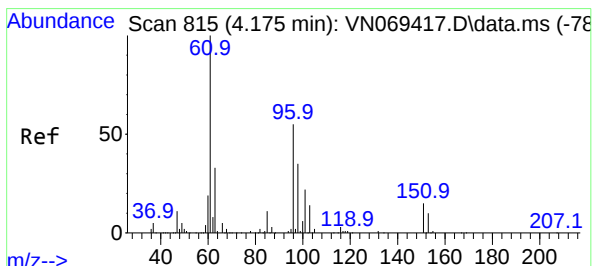
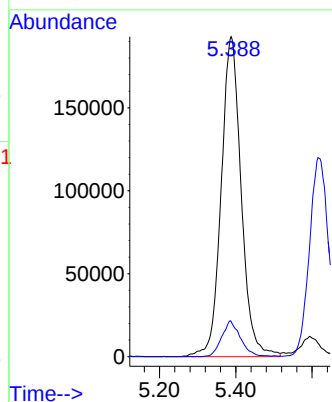
Instrument :
MSVOA_N
ClientSampleId :
GWBR3D-B-290-311-111721MSD



Tgt Ion: 59 Resp: 702899
Ion Ratio Lower Upper
59 100
57 10.6 8.7 13.1

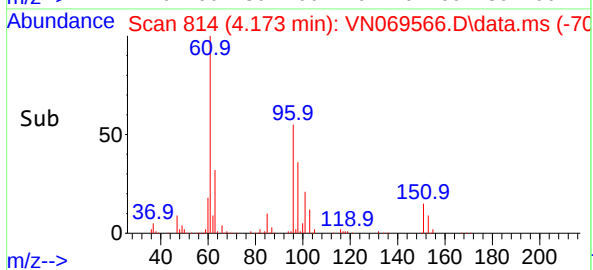
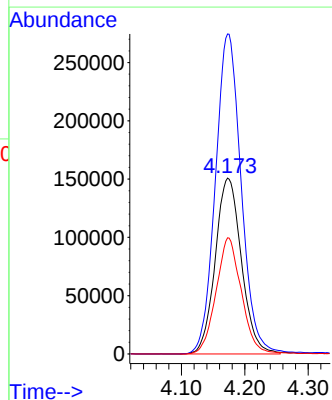
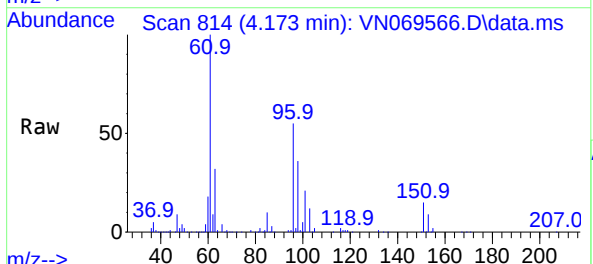
Manual Integrations
APPROVED

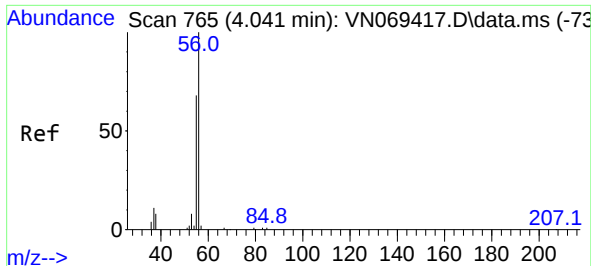
Reviewed By :John Carlone 11/19/2021
Supervised By :Semsettin Yesilyurt 11/19/2021



#12
1,1-Dichloroethene
Concen: 53.232 ug/l
RT: 4.173 min Scan# 814
Delta R.T. -0.002 min
Lab File: VN069566.D
Acq: 18 Nov 2021 20:50

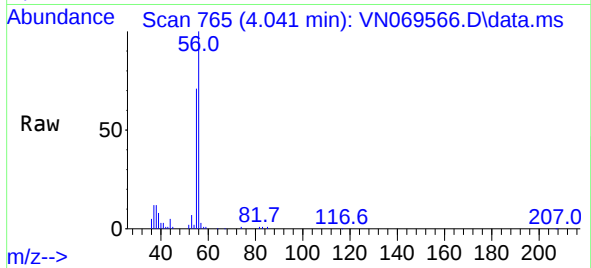
Tgt Ion: 96 Resp: 433591
Ion Ratio Lower Upper
96 100
61 182.0 131.0 196.6
98 66.0 52.4 78.6





#13
Acrolein
Concen: 324.718 ug/l
RT: 4.041 min Scan# 70
Delta R.T. 0.000 min
Lab File: VN069566.D
Acq: 18 Nov 2021 20:50

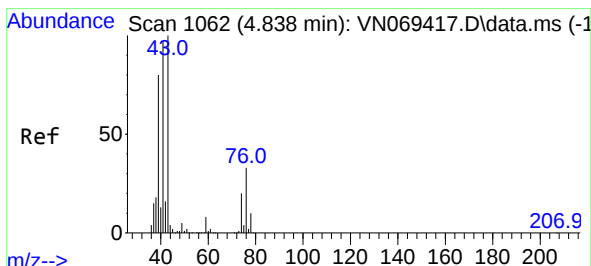
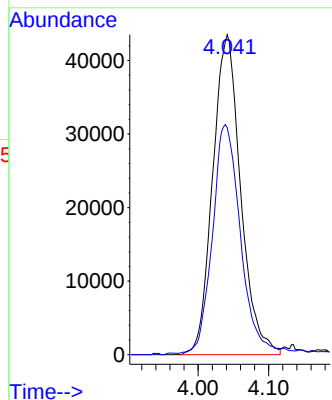
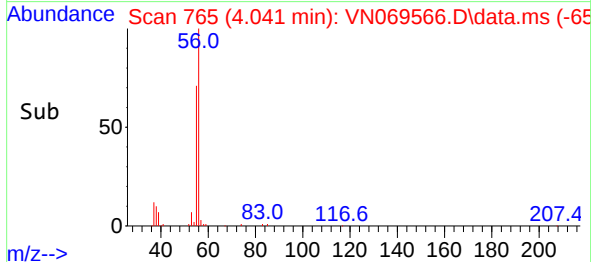
Instrument :
MSVOA_N
ClientSampleId :
GWR3D-B-290-311-111721MSD



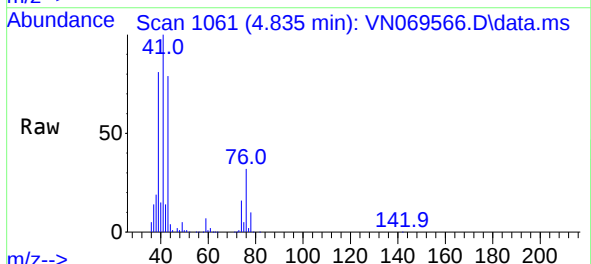
Tgt Ion: 56 Resp: 120004
Ion Ratio Lower Upper
56 100
55 70.7 56.6 85.0

Manual Integrations
APPROVED

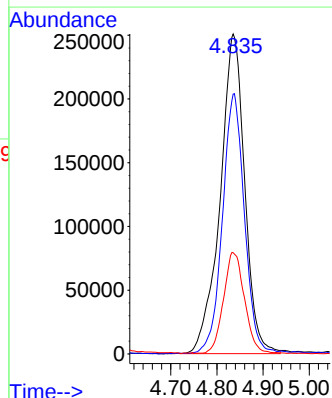
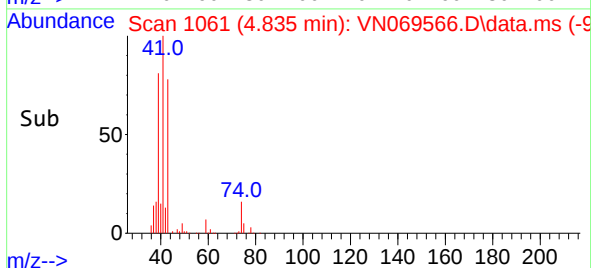
Reviewed By :John Carlone 11/19/2021
Supervised By :Semsettin Yesilyurt 11/19/2021

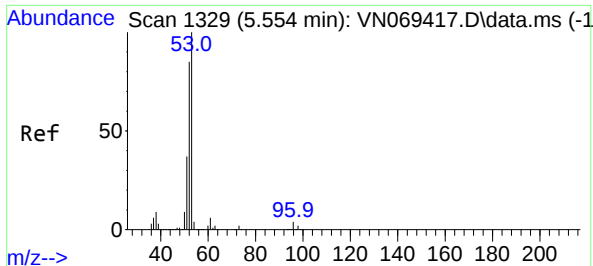


#14
Allyl chloride
Concen: 51.470 ug/l
RT: 4.835 min Scan# 1061
Delta R.T. -0.003 min
Lab File: VN069566.D
Acq: 18 Nov 2021 20:50



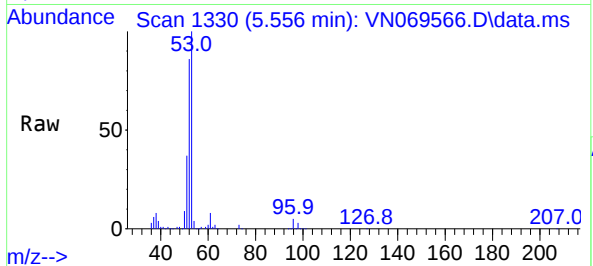
Tgt Ion: 41 Resp: 926904
Ion Ratio Lower Upper
41 100
39 72.5 61.2 91.8
76 26.7 26.0 39.0





#15
Acrylonitrile
Concen: 287.391 ug/l
RT: 5.556 min Scan# 11
Delta R.T. 0.002 min
Lab File: VN069566.D
Acq: 18 Nov 2021 20:50

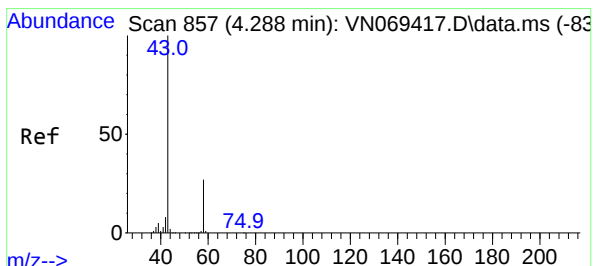
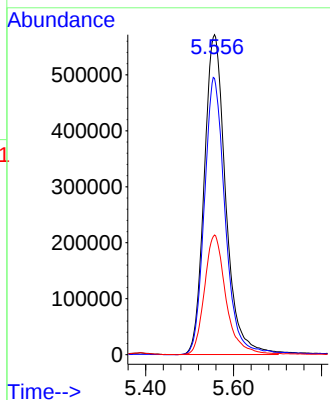
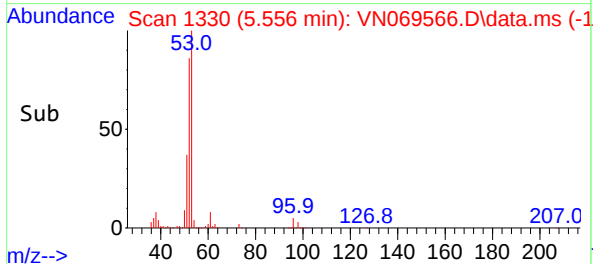
Instrument :
MSVOA_N
ClientSampleId :
GWR3D-B-290-311-111721MSD



Tgt Ion: 53 Resp: 1932434
Ion Ratio Lower Upper
53 100
52 83.6 66.2 99.2
51 37.6 29.6 44.4

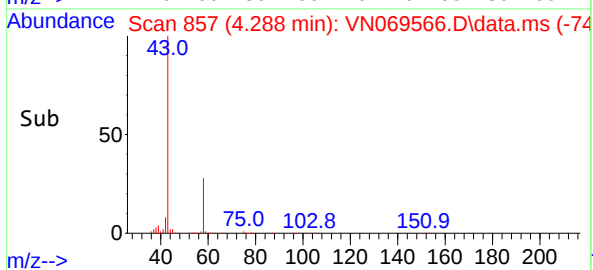
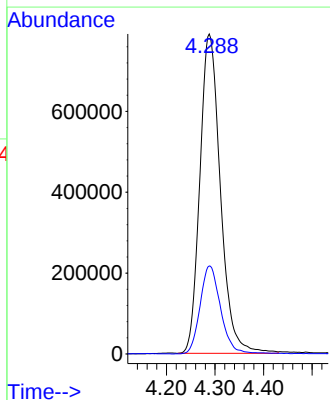
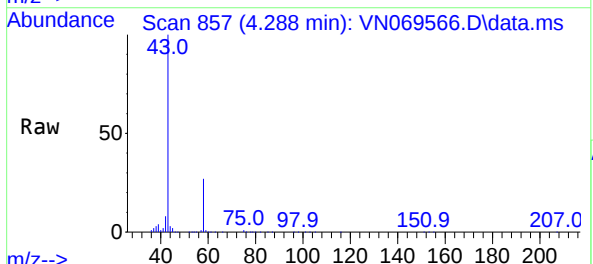
Manual Integrations
APPROVED

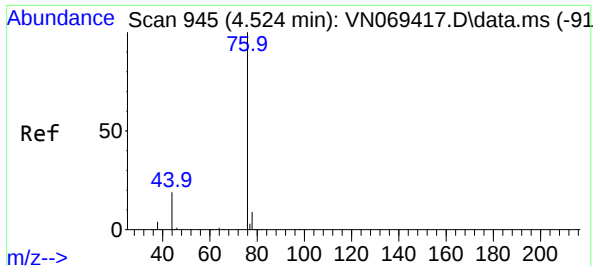
Reviewed By :John Carlone 11/19/2021
Supervised By :Semsettin Yesilyurt 11/19/2021



#16
Acetone
Concen: 295.668 ug/l
RT: 4.288 min Scan# 857
Delta R.T. -0.000 min
Lab File: VN069566.D
Acq: 18 Nov 2021 20:50

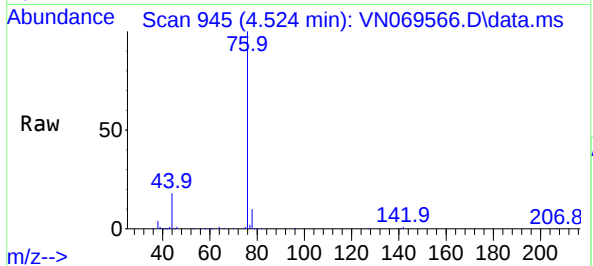
Tgt Ion: 43 Resp: 2324537
Ion Ratio Lower Upper
43 100
58 27.5 23.1 34.7





#17
Carbon Disulfide
Concen: 40.627 ug/l
RT: 4.524 min Scan# 945
Delta R.T. -0.000 min
Lab File: VN069566.D
Acq: 18 Nov 2021 20:50

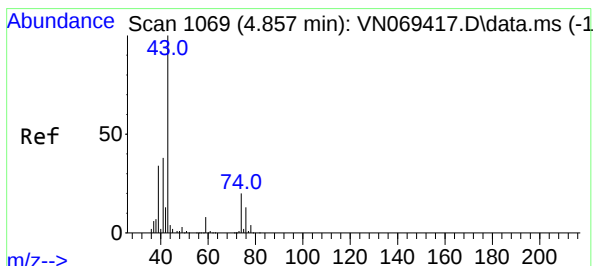
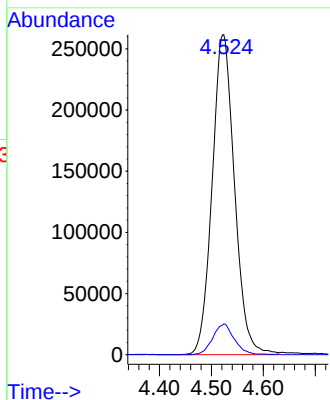
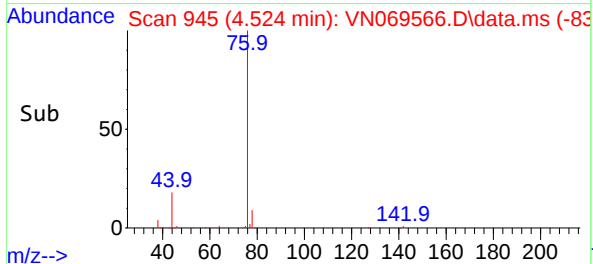
Instrument : MSVOA_N
ClientSampleId : GWBR3D-B-290-311-111721MSD



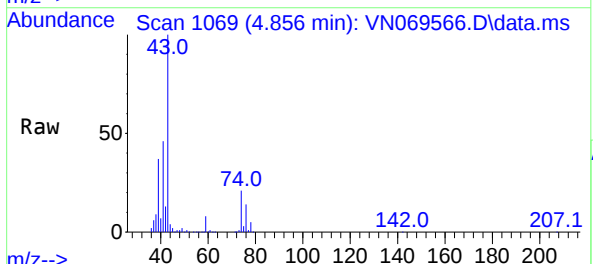
Tgt Ion: 76 Resp: 782224
Ion Ratio Lower Upper
76 100
78 9.6 7.5 11.3

Manual Integrations
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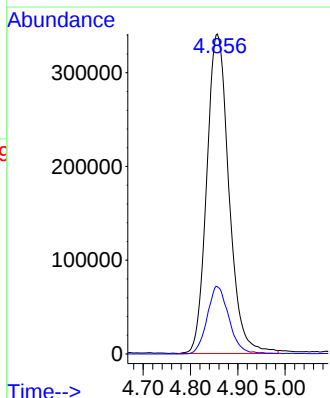
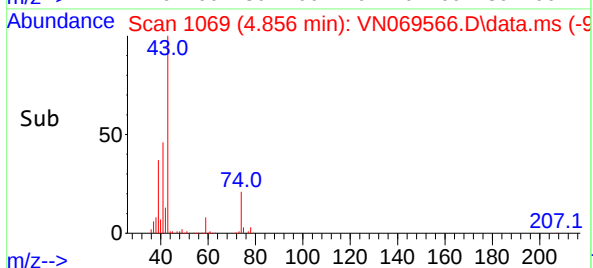
Reviewed By :John Carlone 11/19/2021
Supervised By :Semsettin Yesilyurt 11/19/2021

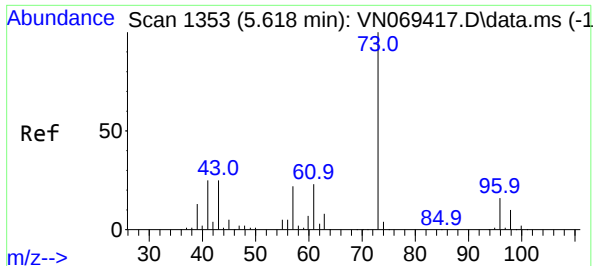


#18
Methyl Acetate
Concen: 43.507 ug/l
RT: 4.856 min Scan# 1069
Delta R.T. -0.001 min
Lab File: VN069566.D
Acq: 18 Nov 2021 20:50



Tgt Ion: 43 Resp: 1111888
Ion Ratio Lower Upper
43 100
74 20.5 19.4 29.2





#19

Methyl tert-butyl Ether

Concen: 54.629 ug/l

RT: 5.618 min Scan# 1156

Delta R.T. 0.000 min

Lab File: VN069566.D

Acq: 18 Nov 2021 20:50

Instrument :

MSVOA_N

ClientSampleId :

GWBR3D-B-290-311-111721MSD

Tgt Ion: 73 Resp: 1883128

Ion Ratio Lower Upper

73 100

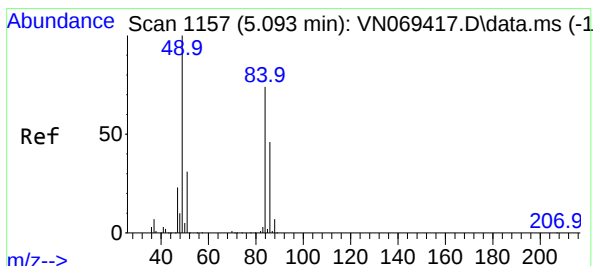
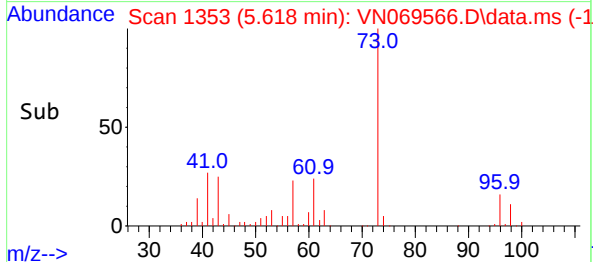
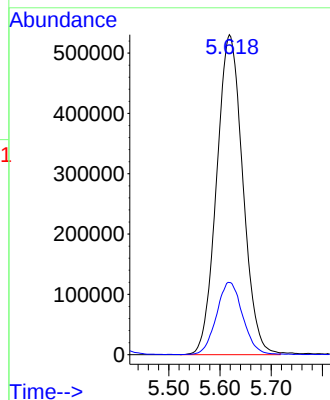
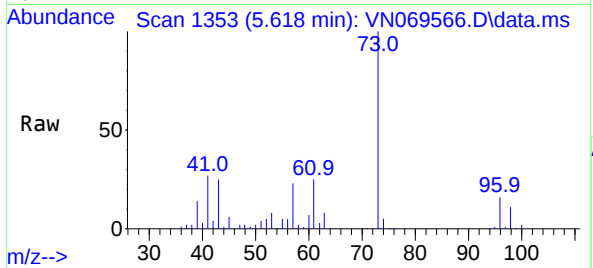
57 22.5 16.8 25.2

Manual Integrations

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Reviewed By :John Carlone 11/19/2021

Supervised By :Semsettin Yesilyurt 11/19/2021



#20

Methylene Chloride

Concen: 50.178 ug/l

RT: 5.090 min Scan# 1156

Delta R.T. -0.003 min

Lab File: VN069566.D

Acq: 18 Nov 2021 20:50

Tgt Ion: 84 Resp: 559403

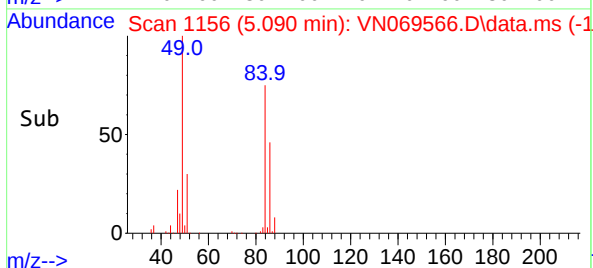
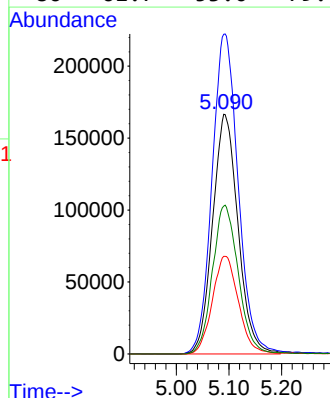
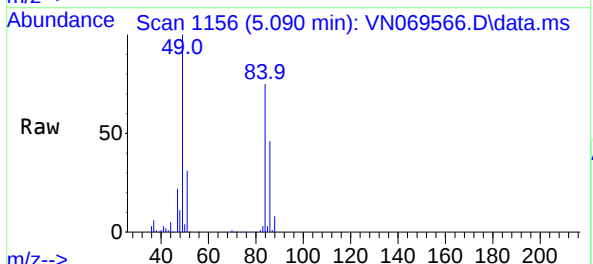
Ion Ratio Lower Upper

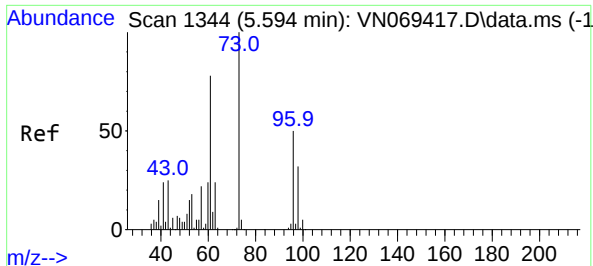
84 100

49 133.3 93.5 140.3

51 40.7 29.4 44.2

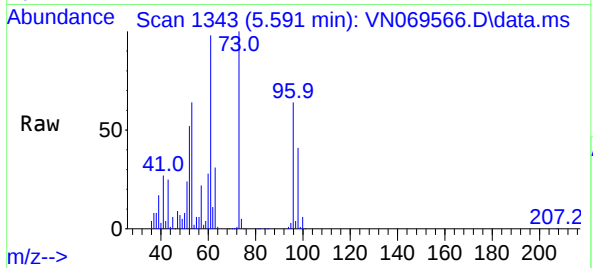
86 61.7 53.0 79.4





#21
trans-1,2-Dichloroethene
Concen: 58.583 ug/l
RT: 5.591 min Scan# 11
Delta R.T. -0.003 min
Lab File: VN069566.D
Acq: 18 Nov 2021 20:50

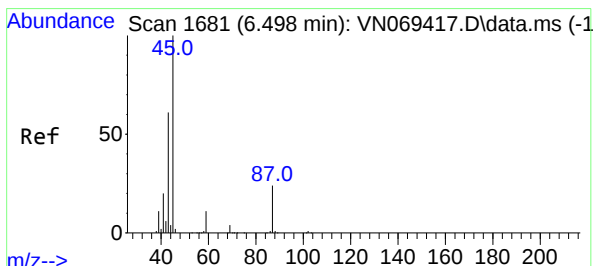
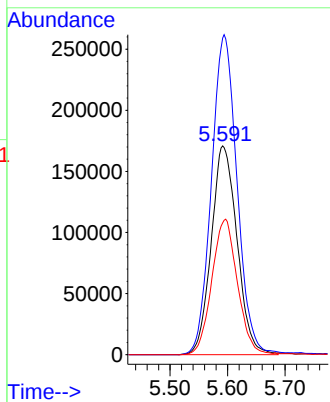
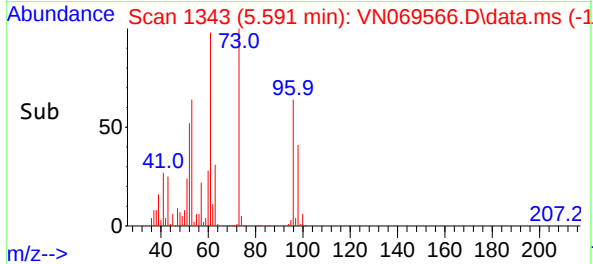
Instrument :
MSVOA_N
ClientSampleId :
GWBR3D-B-290-311-111721MSD



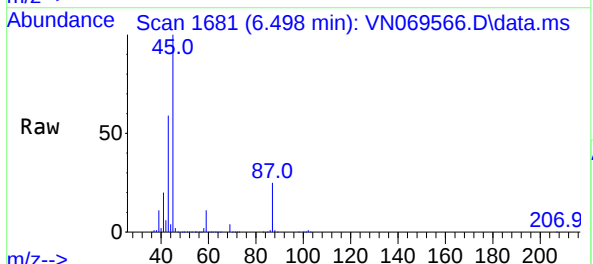
Tgt Ion: 96 Resp: 532974
Ion Ratio Lower Upper
96 100
61 151.6 105.8 158.6
98 63.1 52.0 78.0

Manual Integrations
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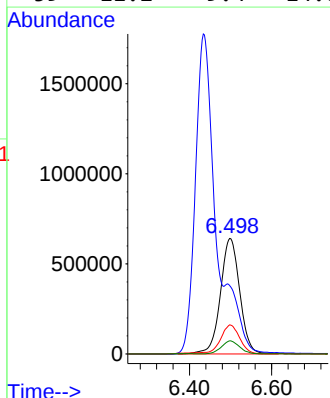
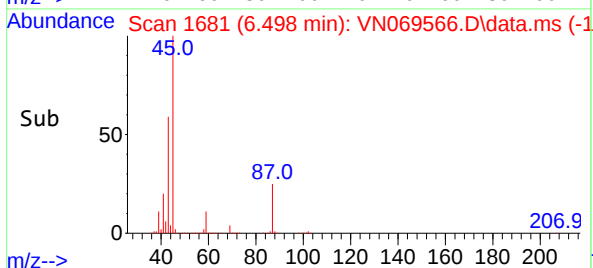
Reviewed By :John Carlone 11/19/2021
Supervised By :Semsettin Yesilyurt 11/19/2021

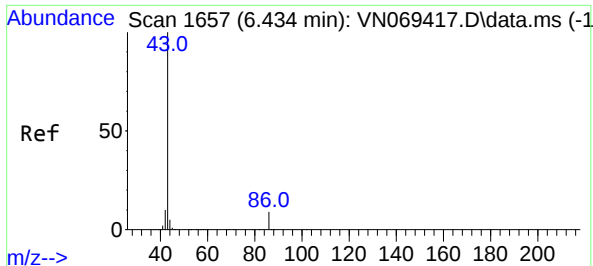


#22
Diisopropyl ether
Concen: 54.077 ug/l
RT: 6.498 min Scan# 1681
Delta R.T. -0.000 min
Lab File: VN069566.D
Acq: 18 Nov 2021 20:50



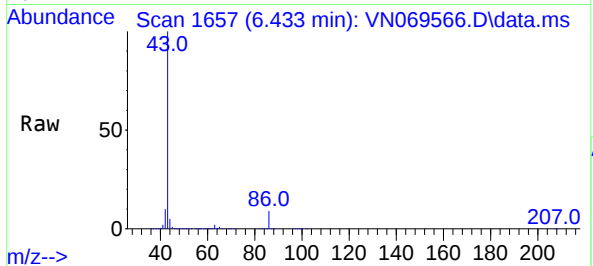
Tgt Ion: 45 Resp: 2097778
Ion Ratio Lower Upper
45 100
43 58.4 51.7 77.5
87 25.1 23.2 34.8
59 11.2 9.4 14.0





#23
 Vinyl Acetate
 Concen: 209.553 ug/l m
 RT: 6.433 min Scan# 1
 Delta R.T. -0.001 min
 Lab File: VN069566.D
 Acq: 18 Nov 2021 20:50

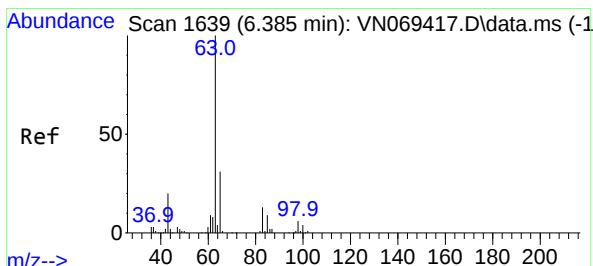
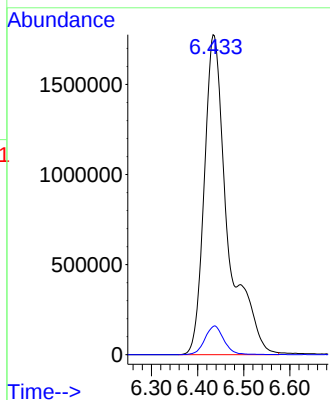
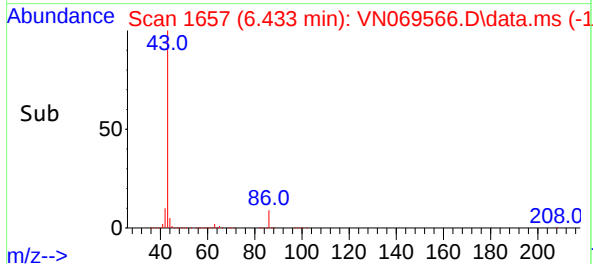
Instrument :
 MSVOA_N
 ClientSampleId :
 GWBR3D-B-290-311-111721MSD



Tgt Ion: 43 Resp: 628728
 Ion Ratio Lower Upper
 43 100
 86 8.8 8.5 12.7

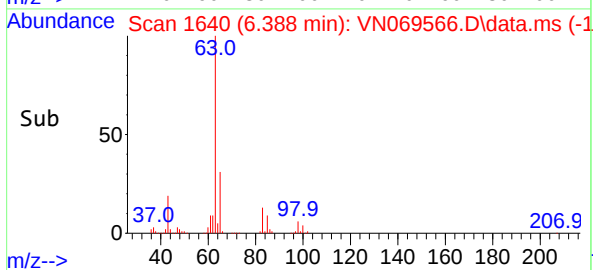
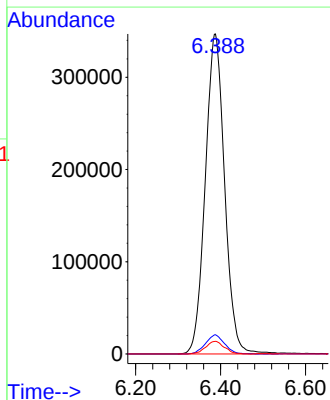
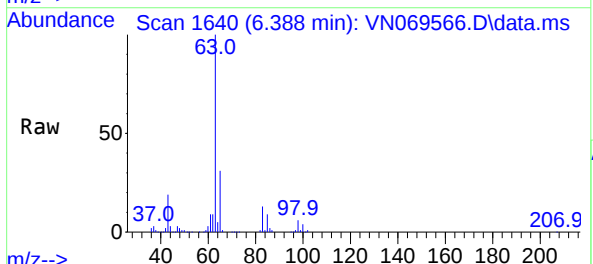
Manual Integrations
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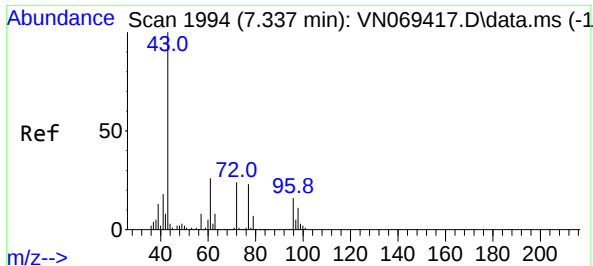
Reviewed By :John Carlone 11/19/2021
 Supervised By :Semsettin Yesilyurt 11/19/2021



#24
 1,1-Dichloroethane
 Concen: 55.482 ug/l
 RT: 6.388 min Scan# 1640
 Delta R.T. 0.003 min
 Lab File: VN069566.D
 Acq: 18 Nov 2021 20:50

Tgt Ion: 63 Resp: 1096249
 Ion Ratio Lower Upper
 63 100
 98 6.0 3.3 9.9
 100 4.0 2.1 6.5





#25

2-Butanone

Concen: 273.755 ug/l

RT: 7.337 min Scan# 1994

Delta R.T. 0.000 min

Lab File: VN069566.D

Acq: 18 Nov 2021 20:50

Instrument :

MSVOA_N

ClientSampleId :

GWBR3D-B-290-311-111721MSD

Tgt Ion: 43 Resp: 291432

Ion Ratio Lower Upper

43 100

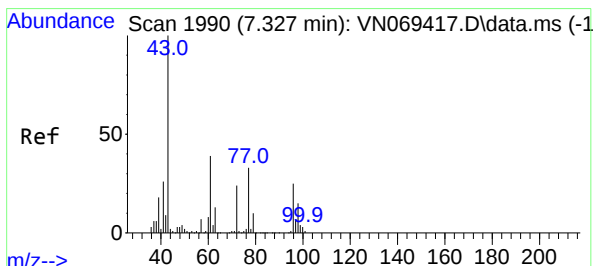
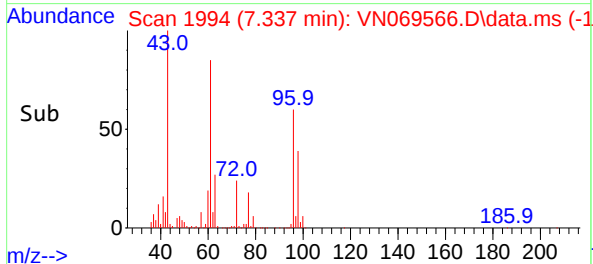
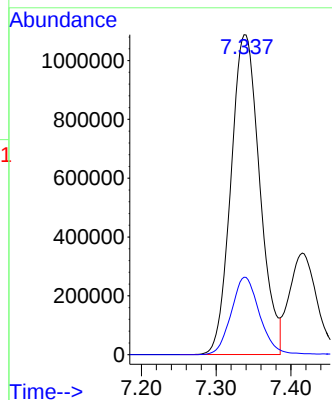
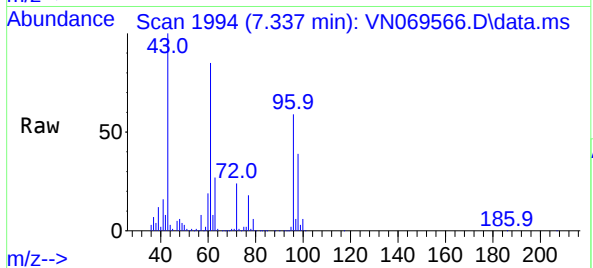
72 24.2 21.7 32.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/19/2021

Supervised By :Semsettin Yesilyurt 11/19/2021



#26

2,2-Dichloropropane

Concen: 44.093 ug/l

RT: 7.327 min Scan# 1990

Delta R.T. -0.000 min

Lab File: VN069566.D

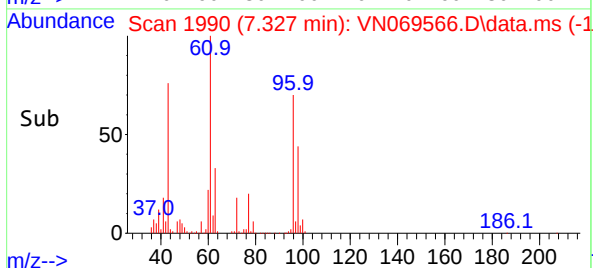
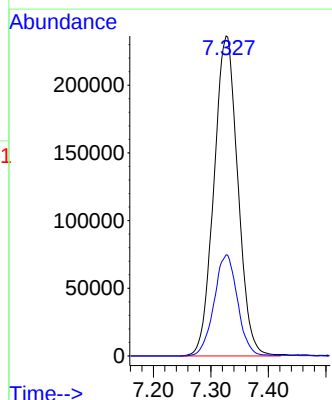
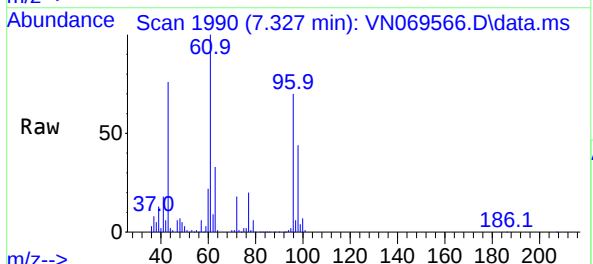
Acq: 18 Nov 2021 20:50

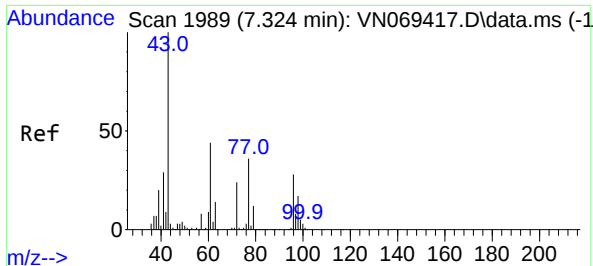
Tgt Ion: 77 Resp: 681648

Ion Ratio Lower Upper

77 100

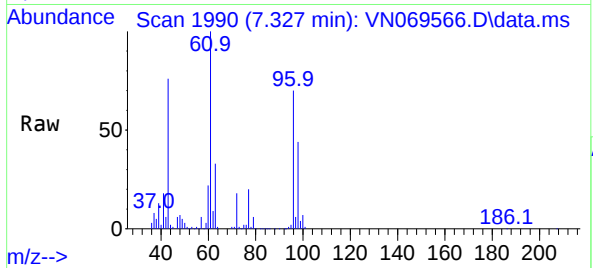
97 31.0 11.6 34.8





#27
cis-1,2-Dichloroethene
Concen: 193.627 ug/l
RT: 7.327 min Scan# 1990
Delta R.T. 0.003 min
Lab File: VN069566.D
Acq: 18 Nov 2021 20:50

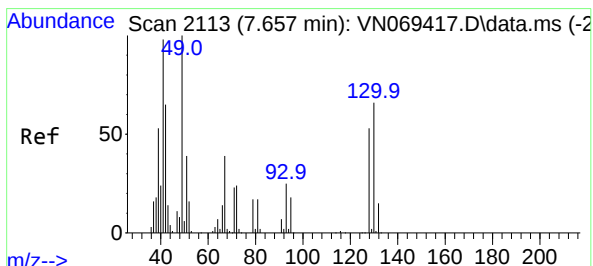
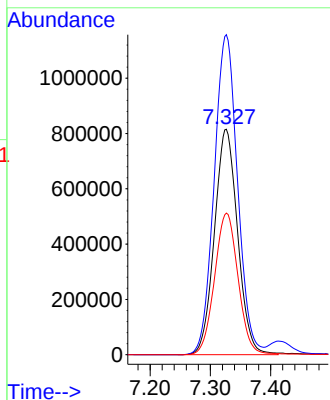
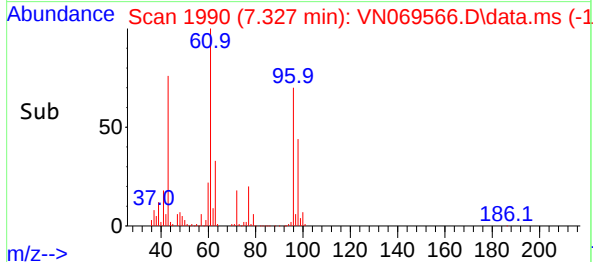
Instrument :
MSVOA_N
ClientSampleId :
GWR3D-B-290-311-111721MSD



Tgt Ion: 96 Resp: 218370
Ion Ratio Lower Upper
96 100
61 142.9 0.0 275.0
98 63.8 0.0 129.6

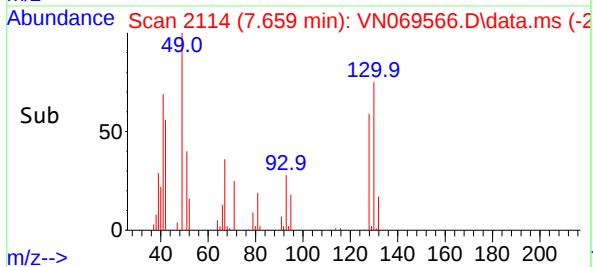
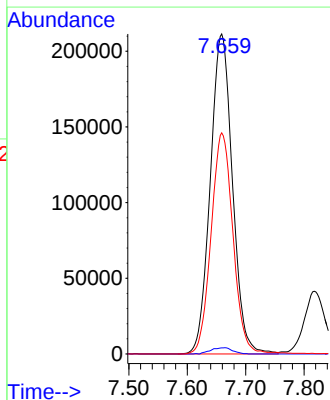
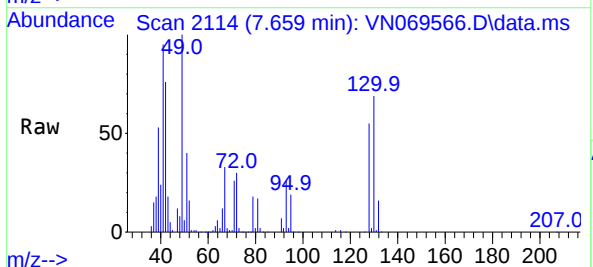
Manual Integrations
APPROVED

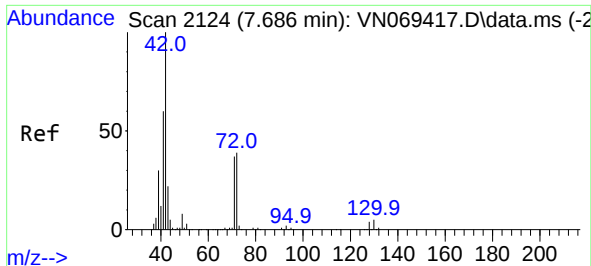
Reviewed By :John Carlone 11/19/2021
Supervised By :Semsettin Yesilyurt 11/19/2021



#28
Bromochloromethane
Concen: 55.111 ug/l
RT: 7.659 min Scan# 2114
Delta R.T. 0.002 min
Lab File: VN069566.D
Acq: 18 Nov 2021 20:50

Tgt Ion: 49 Resp: 557637
Ion Ratio Lower Upper
49 100
129 1.9 0.0 4.0
130 67.9 67.8 101.8





#29

Tetrahydrofuran

Concen: 285.787 ug/l

RT: 7.686 min Scan# 2124

Delta R.T. -0.000 min

Lab File: VN069566.D

Acq: 18 Nov 2021 20:50

Instrument :

MSVOA_N

ClientSampleId :

GWBR3D-B-290-311-111721MSD

Tgt Ion: 42 Resp: 186706

Ion Ratio Lower Upper

42 100

72 39.2 36.3 54.5

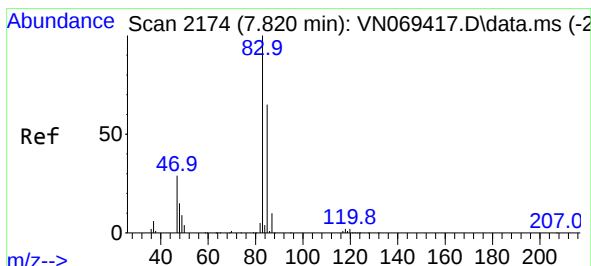
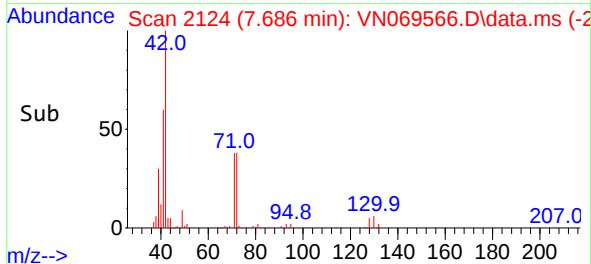
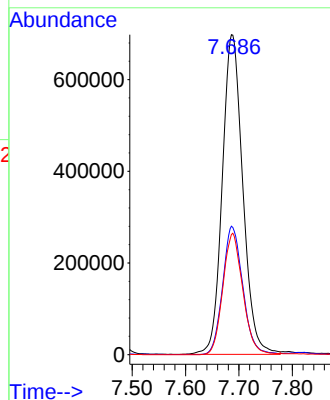
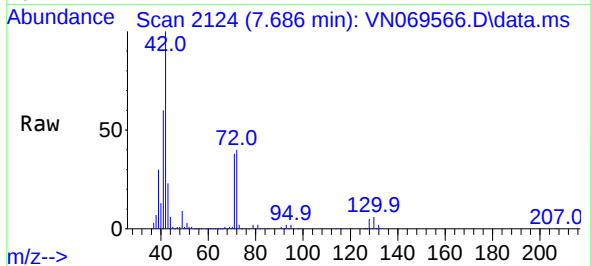
71 36.9 34.7 52.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/19/2021

Supervised By :Semsettin Yesilyurt 11/19/2021



#30

Chloroform

Concen: 53.865 ug/l

RT: 7.820 min Scan# 2174

Delta R.T. 0.000 min

Lab File: VN069566.D

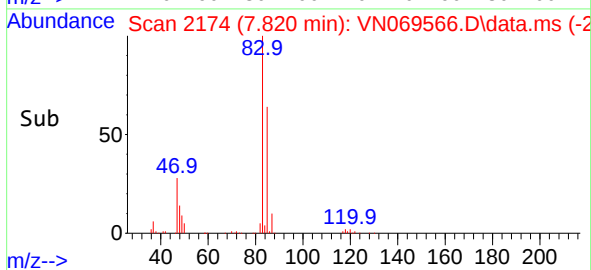
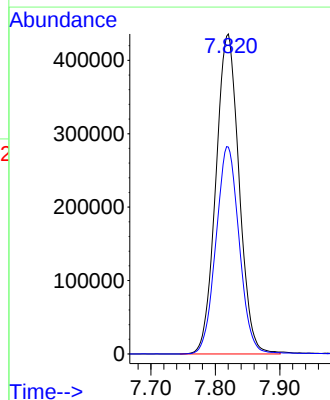
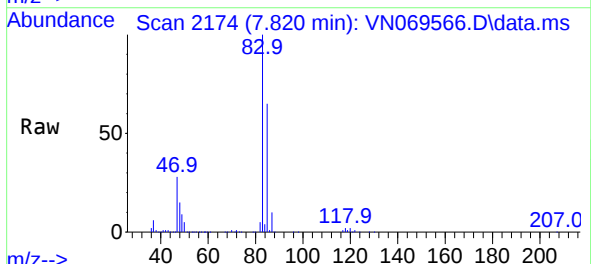
Acq: 18 Nov 2021 20:50

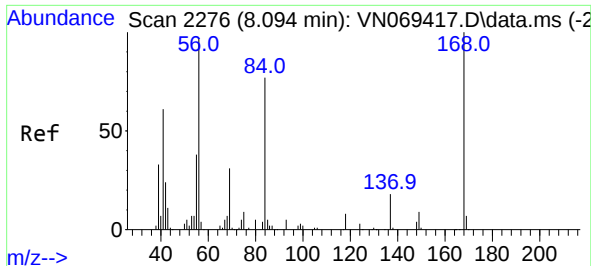
Tgt Ion: 83 Resp: 1091096

Ion Ratio Lower Upper

83 100

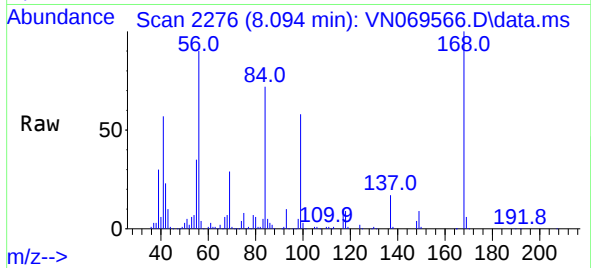
85 64.6 51.9 77.9





#31
Cyclohexane
Concen: 44.847 ug/l
RT: 8.094 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN069566.D
Acq: 18 Nov 2021 20:50

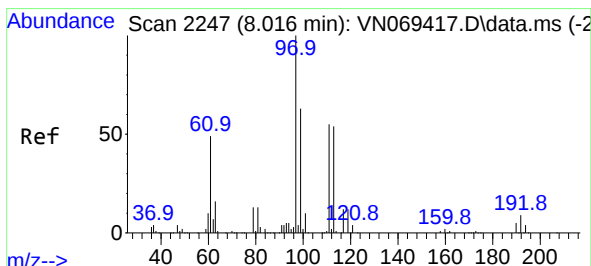
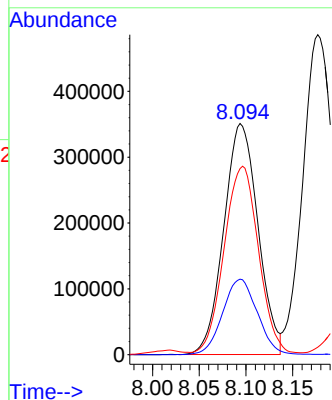
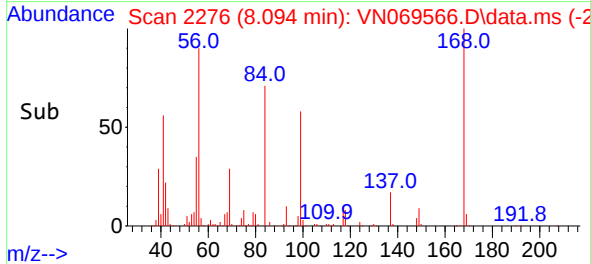
Instrument :
MSVOA_N
ClientSampleId :
GWBR3D-B-290-311-111721MSD



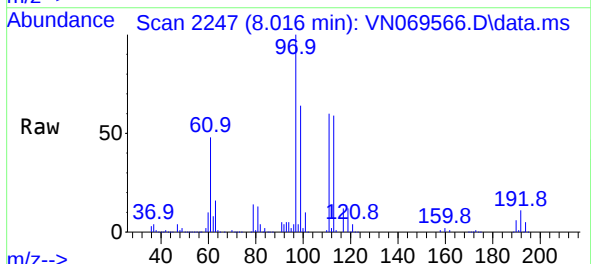
Tgt Ion: 56 Resp: 89278
Ion Ratio Lower Upper
56 100
69 32.7 27.1 40.7
84 79.3 73.4 110.0

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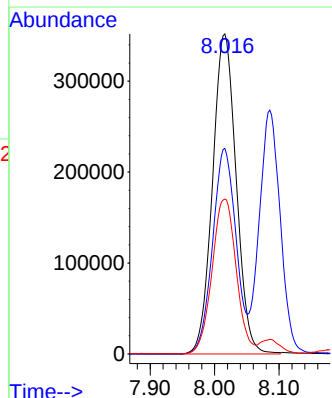
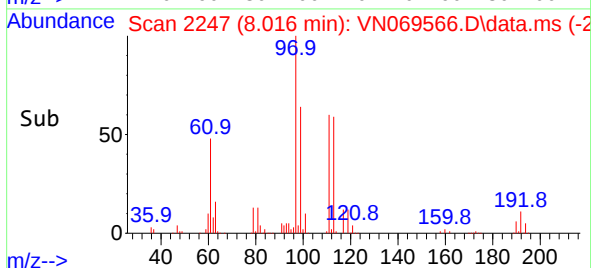
Reviewed By :John Carlone 11/19/2021
Supervised By :Semsettin Yesilyurt 11/19/2021

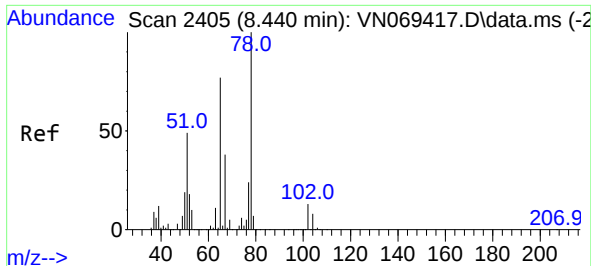


#32
1,1,1-Trichloroethane
Concen: 53.109 ug/l
RT: 8.016 min Scan# 2247
Delta R.T. -0.000 min
Lab File: VN069566.D
Acq: 18 Nov 2021 20:50



Tgt Ion: 97 Resp: 897960
Ion Ratio Lower Upper
97 100
99 63.5 50.1 75.1
61 49.3 35.2 52.8





#33

1,2-Dichloroethane-d4

Concen: 52.478 ug/l

RT: 8.440 min Scan# 2405

Delta R.T. -0.000 min

Lab File: VN069566.D

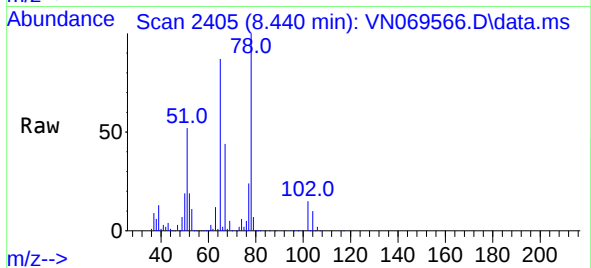
Acq: 18 Nov 2021 20:50

Instrument :

MSVOA_N

ClientSampleId :

GWBR3D-B-290-311-111721MSD



Tgt Ion: 65 Resp: 76468

Ion Ratio Lower Upper

65 100

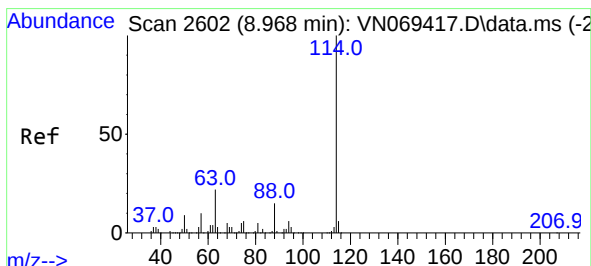
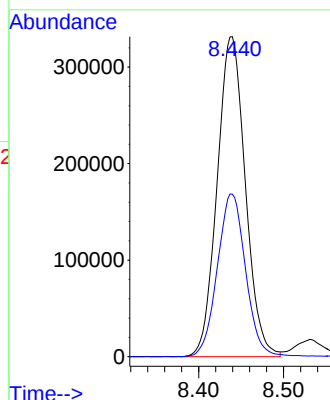
67 51.0 0.0 103.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/19/2021

Supervised By :Semsettin Yesilyurt 11/19/2021



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.968 min Scan# 2602

Delta R.T. -0.000 min

Lab File: VN069566.D

Acq: 18 Nov 2021 20:50

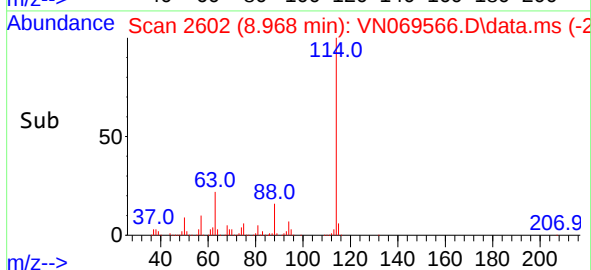
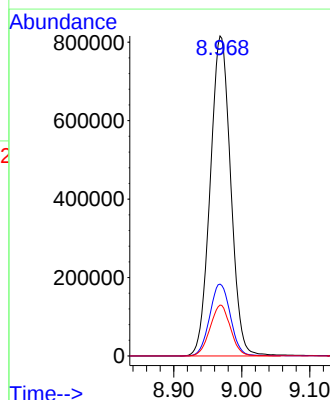
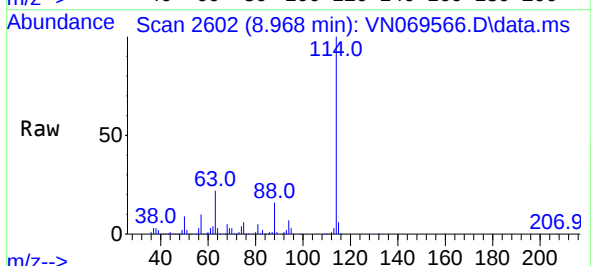
Tgt Ion:114 Resp: 1705522

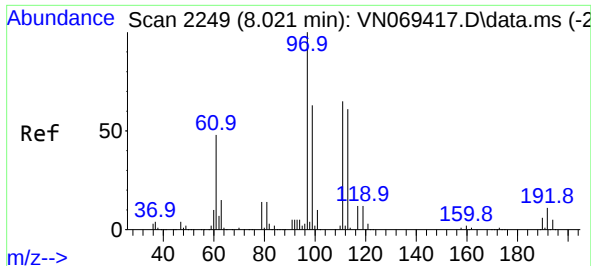
Ion Ratio Lower Upper

114 100

63 22.5 0.0 37.8

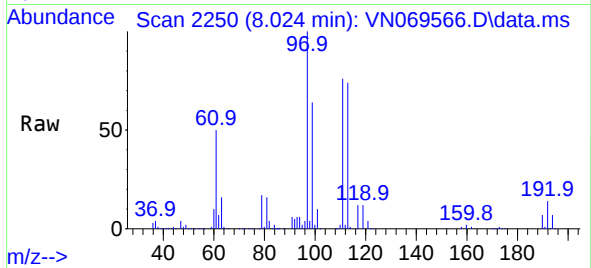
88 15.9 0.0 27.4





#35
Dibromofluoromethane
Concen: 53.539 ug/l
RT: 8.024 min Scan# 2113
Delta R.T. 0.003 min
Lab File: VN069566.D
Acq: 18 Nov 2021 20:50

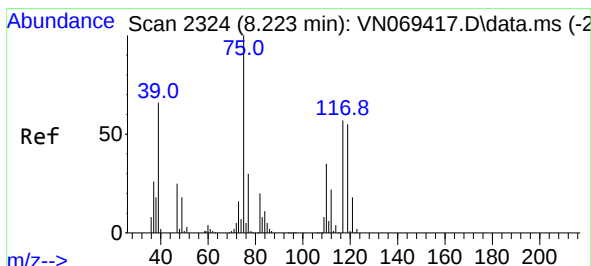
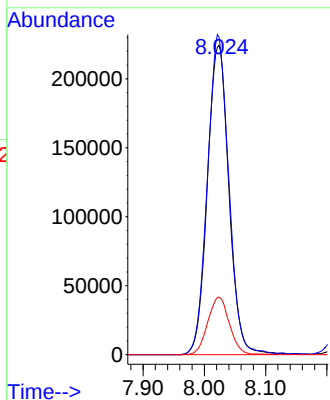
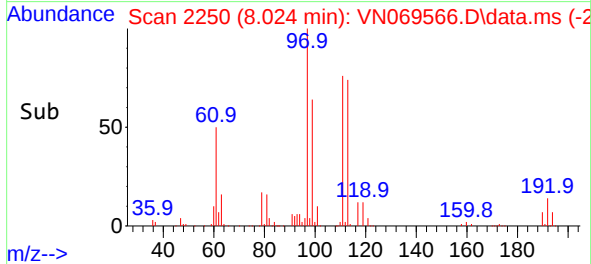
Instrument : MSVOA_N
ClientSampleId : GWBR3D-B-290-311-111721MSD



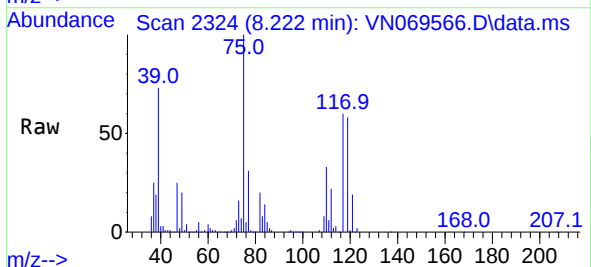
Tgt Ion:113 Resp: 547649
Ion Ratio Lower Upper
113 100
111 102.9 82.2 123.2
192 18.6 16.9 25.3

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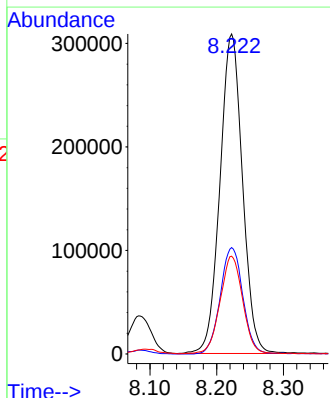
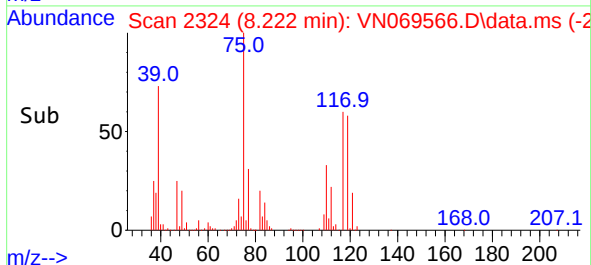
Reviewed By :John Carlone 11/19/2021
Supervised By :Semsettin Yesilyurt 11/19/2021

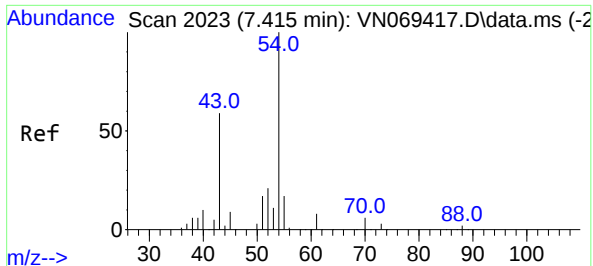


#36
1,1-Dichloropropene
Concen: 50.418 ug/l
RT: 8.222 min Scan# 2324
Delta R.T. -0.001 min
Lab File: VN069566.D
Acq: 18 Nov 2021 20:50



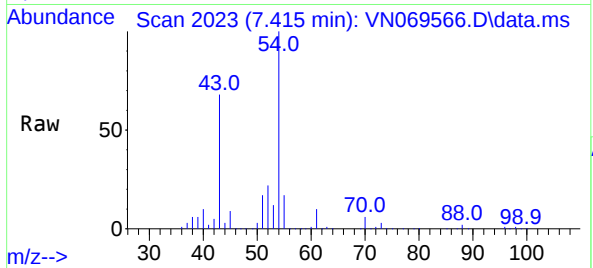
Tgt Ion: 75 Resp: 723548
Ion Ratio Lower Upper
75 100
110 33.4 18.4 55.2
77 30.6 24.4 36.6





#37
Ethyl Acetate
Concen: 45.271 ug/l
RT: 7.415 min Scan# 2023
Delta R.T. 0.000 min
Lab File: VN069566.D
Acq: 18 Nov 2021 20:50

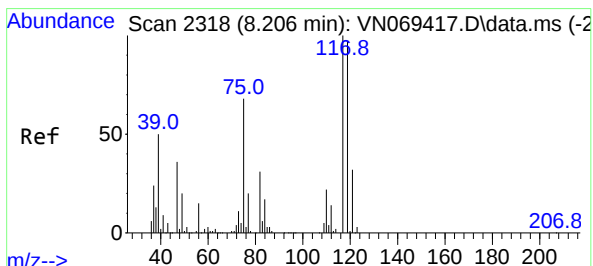
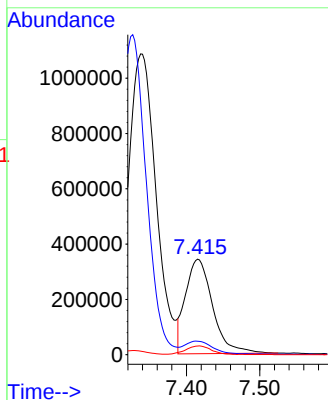
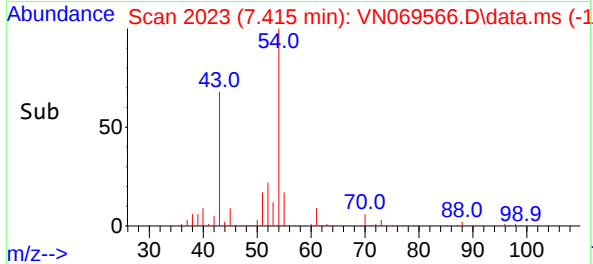
Instrument :
MSVOA_N
ClientSampleId :
GWBR3D-B-290-311-111721MSD



Tgt Ion: 43 Resp: 878224
Ion Ratio Lower Upper
43 100
61 13.9 11.5 17.3
70 8.4 7.9 11.9

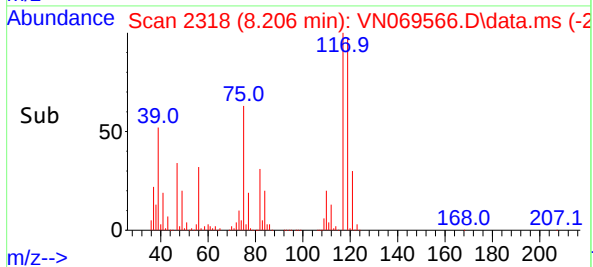
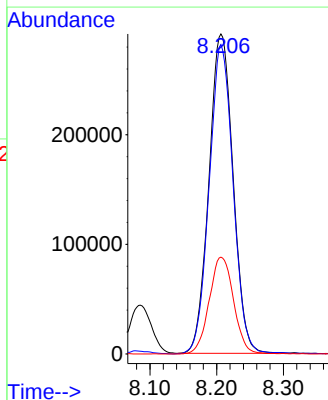
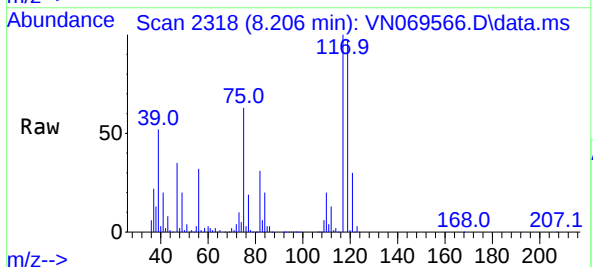
Manual Integrations
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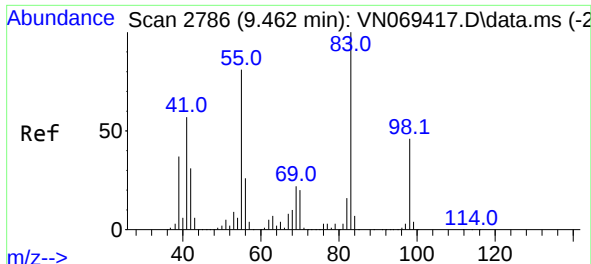
Reviewed By :John Carlone 11/19/2021
Supervised By :Semsettin Yesilyurt 11/19/2021



#38
Carbon Tetrachloride
Concen: 52.786 ug/l
RT: 8.206 min Scan# 2318
Delta R.T. 0.000 min
Lab File: VN069566.D
Acq: 18 Nov 2021 20:50

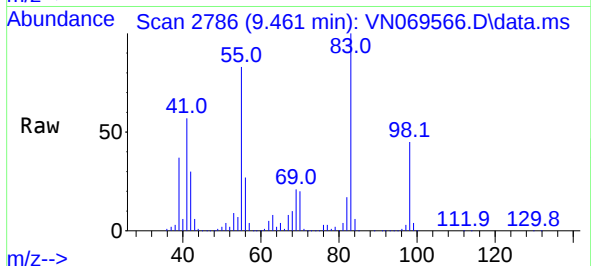
Tgt Ion:117 Resp: 731351
Ion Ratio Lower Upper
117 100
119 96.8 76.1 114.1
121 30.3 24.2 36.2





#39
Methylcyclohexane
Concen: 47.440 ug/l
RT: 9.461 min Scan# 21
Delta R.T. -0.001 min
Lab File: VN069566.D
Acq: 18 Nov 2021 20:50

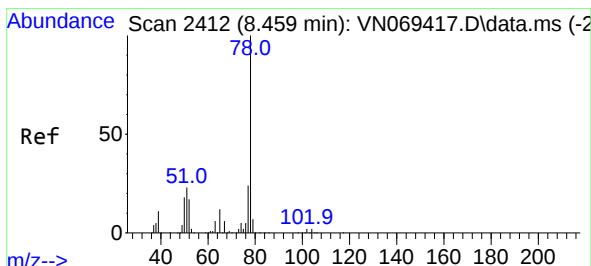
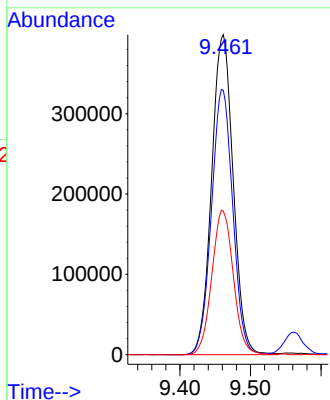
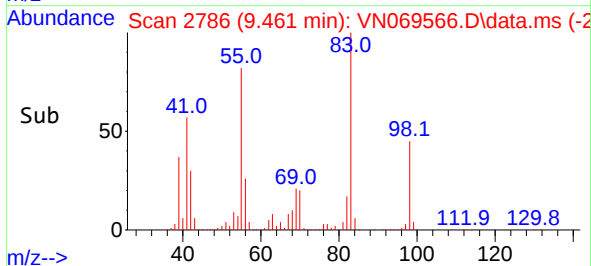
Instrument :
MSVOA_N
ClientSampleId :
GWR3D-B-290-311-111721MSD



Tgt Ion: 83 Resp: 84690
Ion Ratio Lower Upper
83 100
55 82.6 58.1 87.1
98 44.9 38.4 57.6

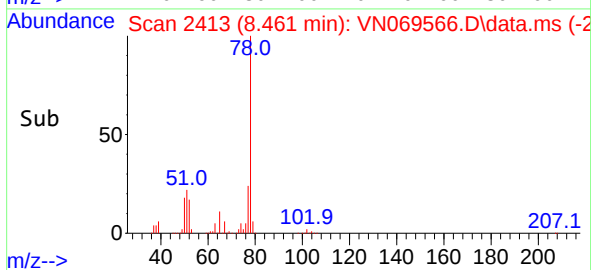
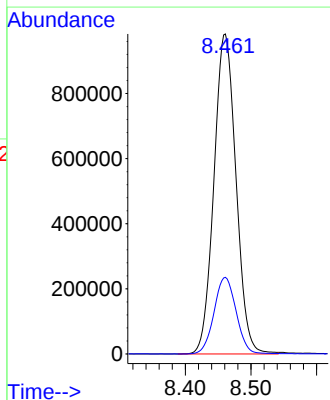
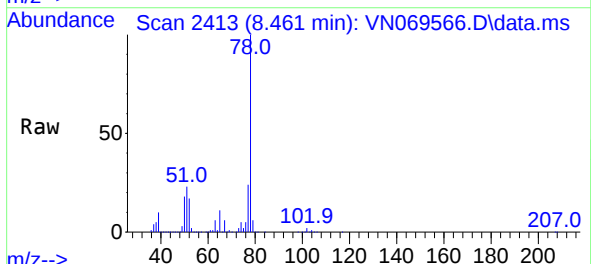
Manual Integrations
APPROVED

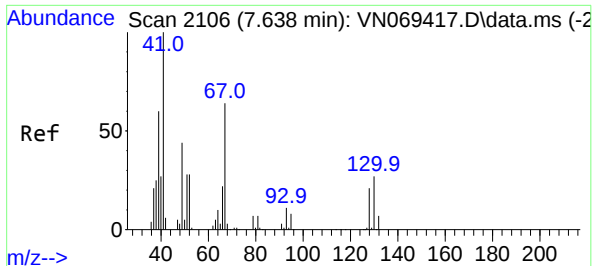
Reviewed By :John Carlone 11/19/2021
Supervised By :Semsettin Yesilyurt 11/19/2021



#40
Benzene
Concen: 51.791 ug/l
RT: 8.461 min Scan# 2413
Delta R.T. 0.002 min
Lab File: VN069566.D
Acq: 18 Nov 2021 20:50

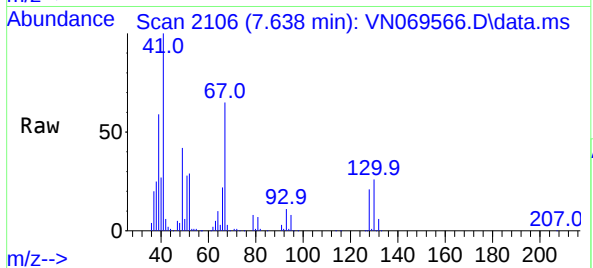
Tgt Ion: 78 Resp: 2294133
Ion Ratio Lower Upper
78 100
77 23.9 18.6 27.8





#41
Methacrylonitrile
Concen: 56.220 ug/l
RT: 7.638 min Scan# 2106
Delta R.T. -0.000 min
Lab File: VN069566.D
Acq: 18 Nov 2021 20:50

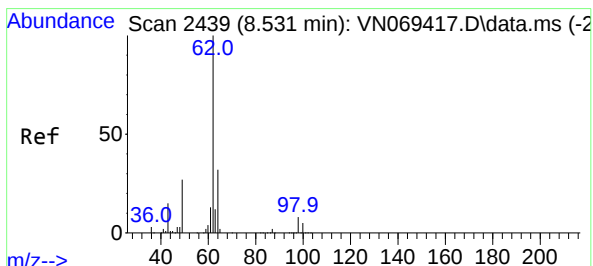
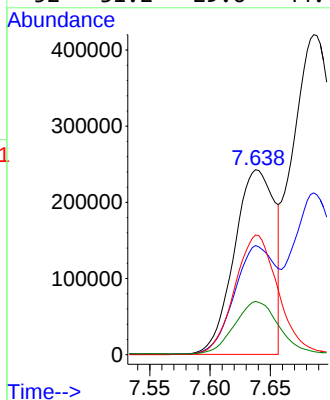
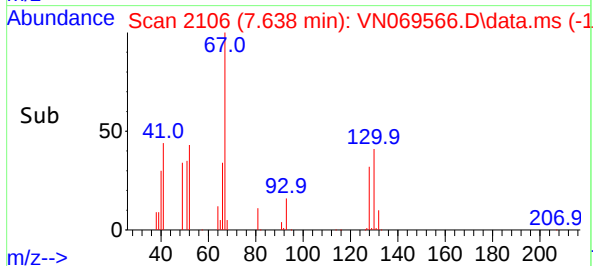
Instrument : MSVOA_N
ClientSampleId : GWBR3D-B-290-311-111721MSD



Tgt Ion: 41 Resp: 563539
Ion Ratio Lower Upper
41 100
39 61.3 48.1 72.1
67 70.3 68.3 102.5
52 31.2 29.6 44.4

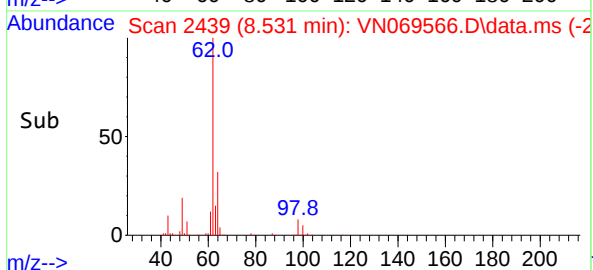
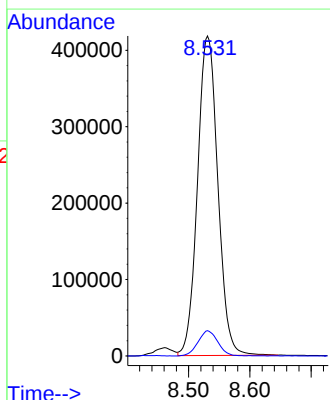
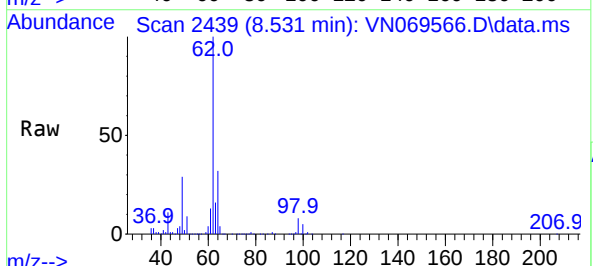
Manual Integrations
APPROVED

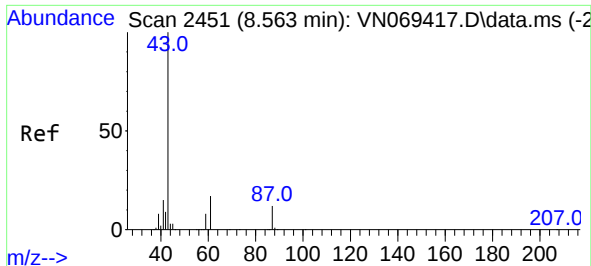
Reviewed By :John Carlone 11/19/2021
Supervised By :Semsettin Yesilyurt 11/19/2021



#42
1,2-Dichloroethane
Concen: 55.609 ug/l
RT: 8.531 min Scan# 2439
Delta R.T. -0.000 min
Lab File: VN069566.D
Acq: 18 Nov 2021 20:50

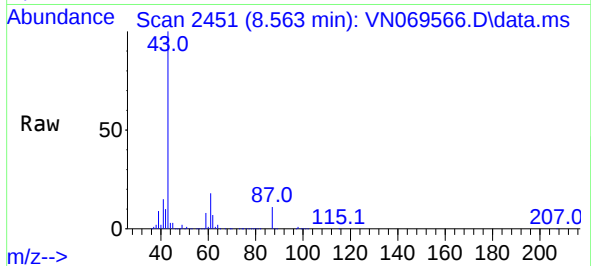
Tgt Ion: 62 Resp: 964515
Ion Ratio Lower Upper
62 100
98 7.7 0.0 17.6





#43
Isopropyl Acetate
Concen: 48.559 ug/l
RT: 8.563 min Scan# 2451
Delta R.T. -0.000 min
Lab File: VN069566.D
Acq: 18 Nov 2021 20:50

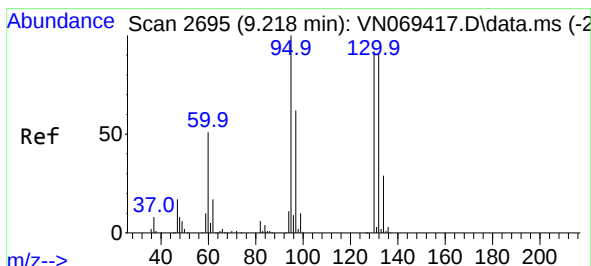
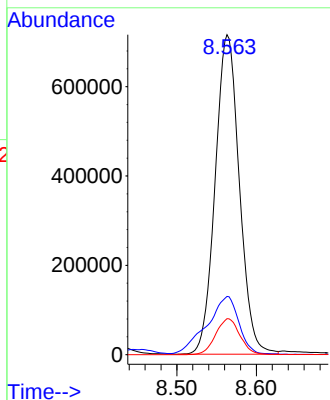
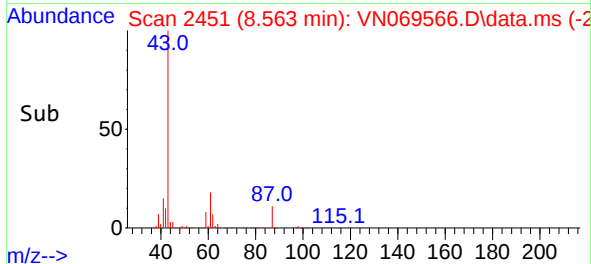
Instrument :
MSVOA_N
ClientSampleId :
GWR3D-B-290-311-111721MSD



Tgt Ion: 43 Resp: 1513079
Ion Ratio Lower Upper
43 100
61 24.0 20.4 30.6
87 11.3 11.2 16.8

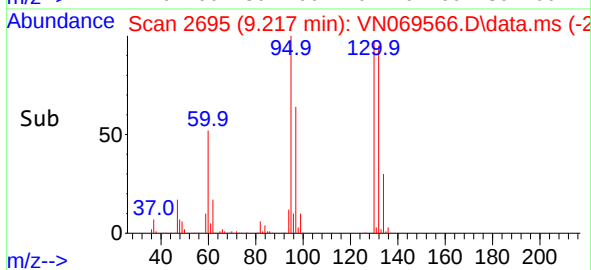
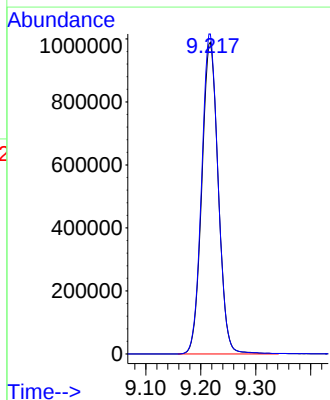
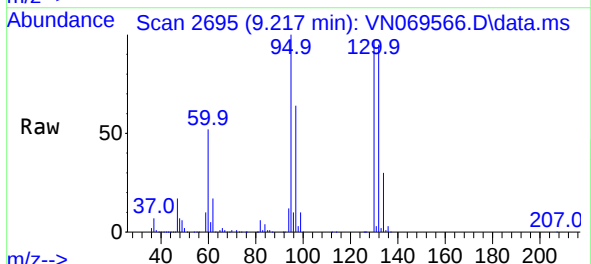
Manual Integrations
APPROVED

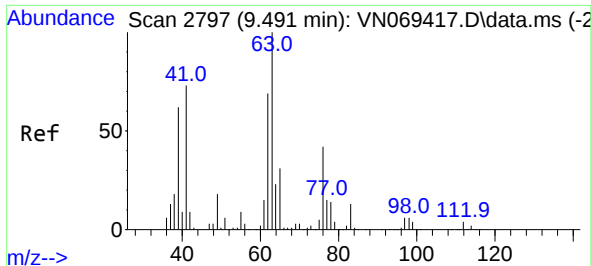
Reviewed By :John Carlone 11/19/2021
Supervised By :Semsettin Yesilyurt 11/19/2021



#44
Trichloroethene
Concen: 193.683 ug/l
RT: 9.217 min Scan# 2695
Delta R.T. -0.001 min
Lab File: VN069566.D
Acq: 18 Nov 2021 20:50

Tgt Ion:130 Resp: 2053304
Ion Ratio Lower Upper
130 100
95 102.7 0.0 191.2





#45

1,2-Dichloropropane

Concen: 54.644 ug/l

RT: 9.491 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN069566.D

Acq: 18 Nov 2021 20:50

Instrument :

MSVOA_N

ClientSampleId :

GWBR3D-B-290-311-111721MSD

Tgt Ion: 63 Resp: 646690

Ion Ratio Lower Upper

63 100

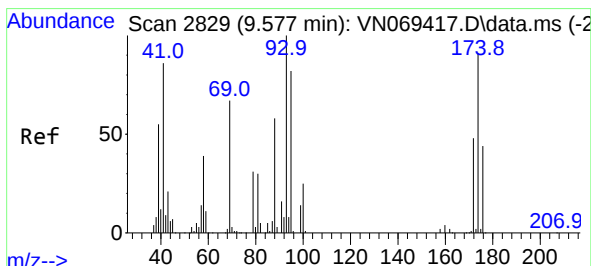
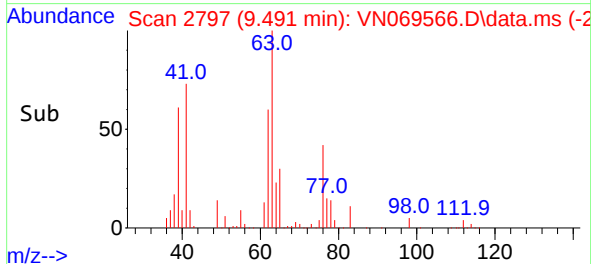
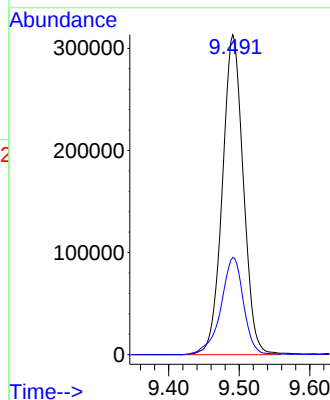
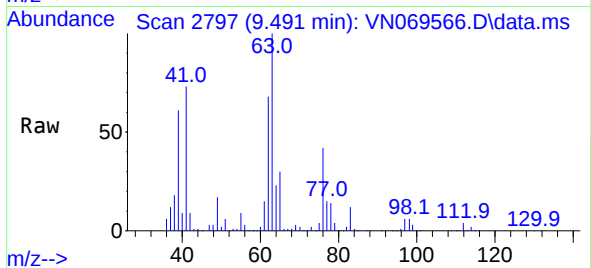
65 30.4 24.7 37.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/19/2021

Supervised By :Semsettin Yesilyurt 11/19/2021



#46

Dibromomethane

Concen: 53.077 ug/l

RT: 9.579 min Scan# 2830

Delta R.T. 0.002 min

Lab File: VN069566.D

Acq: 18 Nov 2021 20:50

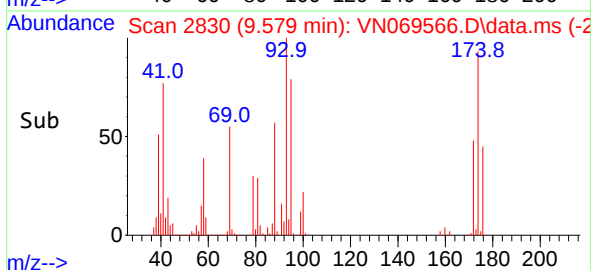
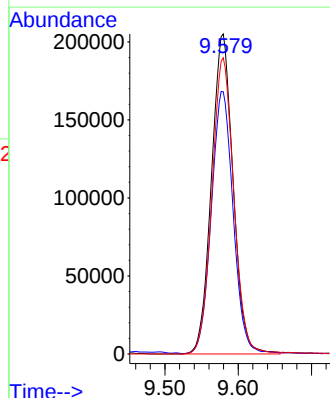
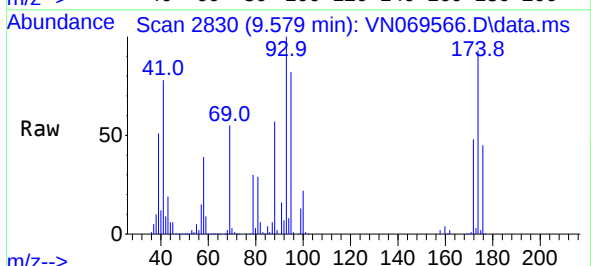
Tgt Ion: 93 Resp: 420742

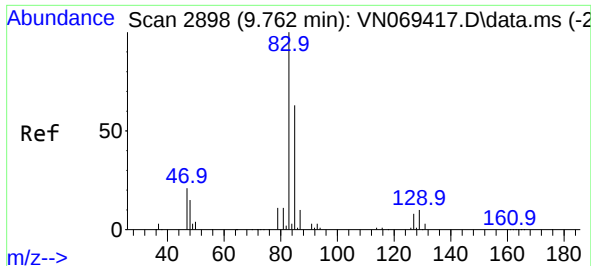
Ion Ratio Lower Upper

93 100

95 82.5 65.9 98.9

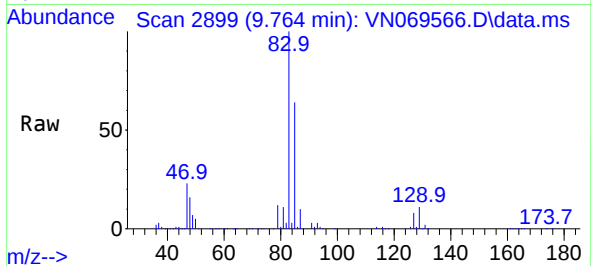
174 93.1 84.6 127.0





#47
Bromodichloromethane
Concen: 54.470 ug/l
RT: 9.764 min Scan# 2899
Delta R.T. 0.002 min
Lab File: VN069566.D
Acq: 18 Nov 2021 20:50

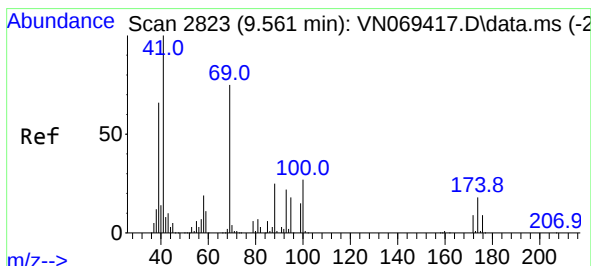
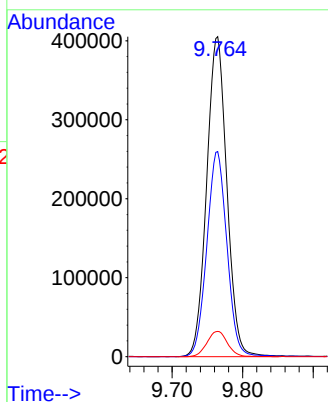
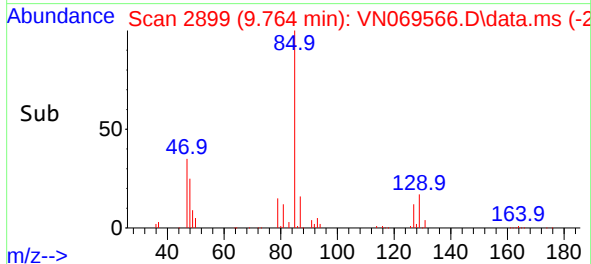
Instrument :
MSVOA_N
ClientSampleId :
GWBR3D-B-290-311-111721MSD



Tgt Ion: 83 Resp: 805727
Ion Ratio Lower Upper
83 100
85 64.0 50.9 76.3
127 7.9 7.1 10.7

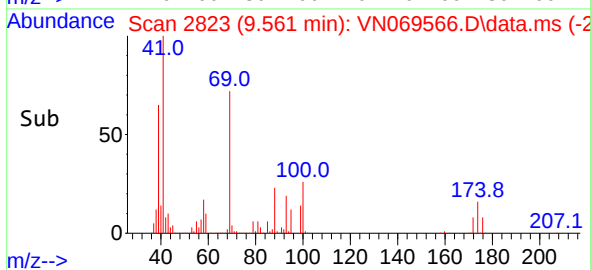
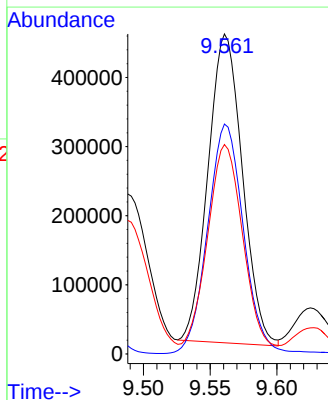
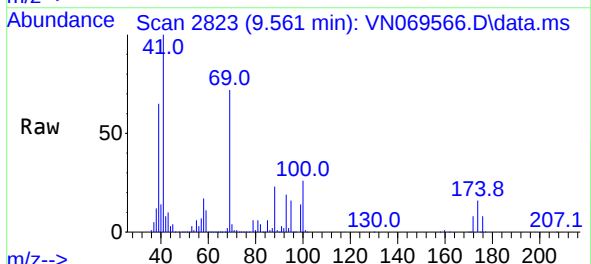
Manual Integrations
APPROVED

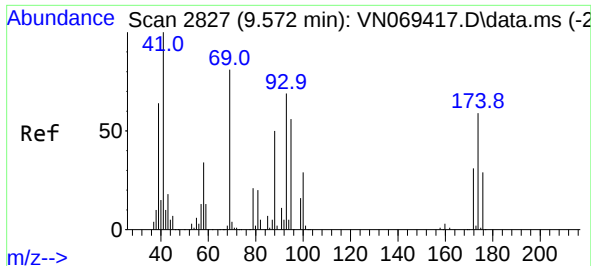
Reviewed By :John Carlone 11/19/2021
Supervised By :Semsettin Yesilyurt 11/19/2021



#48
Methyl methacrylate
Concen: 54.620 ug/l
RT: 9.561 min Scan# 2823
Delta R.T. -0.000 min
Lab File: VN069566.D
Acq: 18 Nov 2021 20:50

Tgt Ion: 41 Resp: 800727
Ion Ratio Lower Upper
41 100
69 77.9 72.4 108.6
39 70.7 58.4 87.6





#49

1,4-Dioxane

Concen: 1041.795 ug/l

RT: 9.571 min Scan# 2827

Delta R.T. -0.001 min

Lab File: VN069566.D

Acq: 18 Nov 2021 20:50

Instrument :

MSVOA_N

ClientSampleId :

GWBR3D-B-290-311-111721MSD

Tgt Ion: 88 Resp: 30316

Ion Ratio Lower Upper

88 100

43 35.3 23.4 35.2

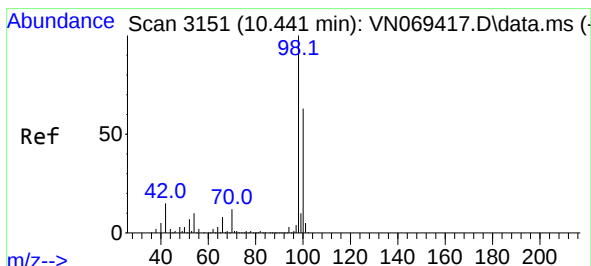
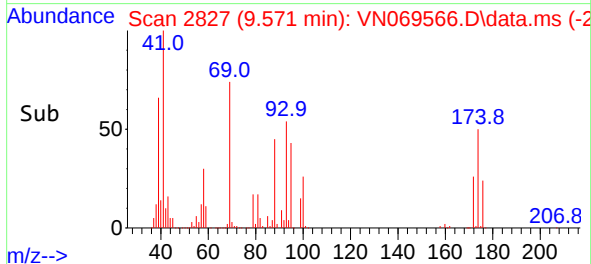
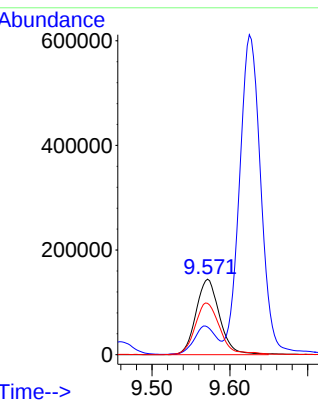
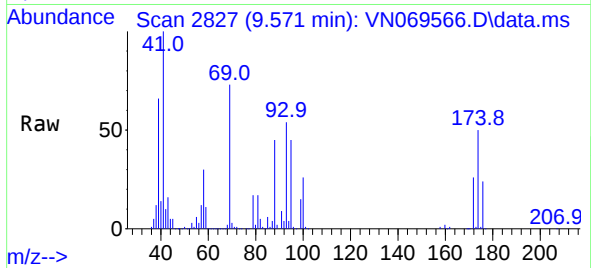
58 73.2 50.6 75.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/19/2021

Supervised By :Semsettin Yesilyurt 11/19/2021



#50

Toluene-d8

Concen: 51.858 ug/l

RT: 10.443 min Scan# 3152

Delta R.T. 0.002 min

Lab File: VN069566.D

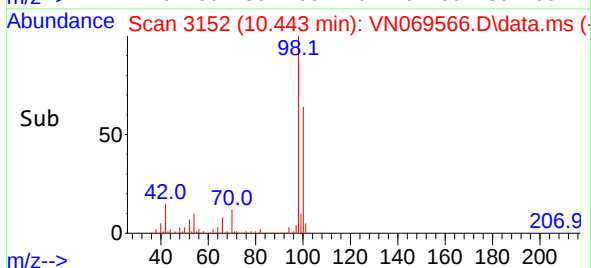
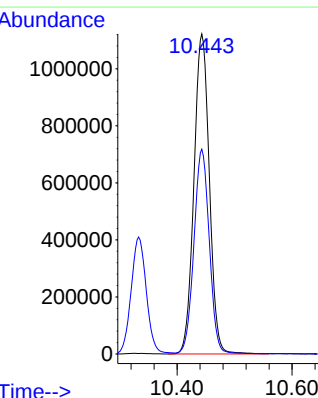
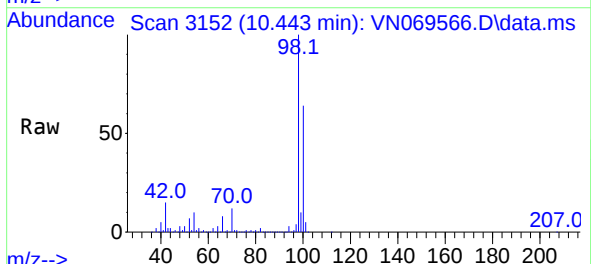
Acq: 18 Nov 2021 20:50

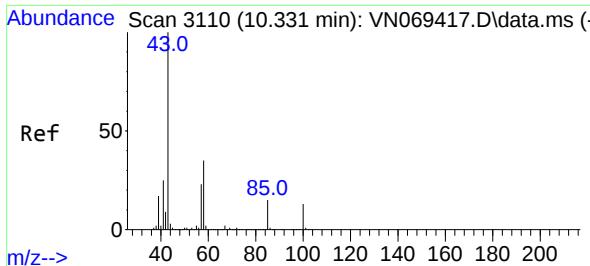
Tgt Ion: 98 Resp: 2086261

Ion Ratio Lower Upper

98 100

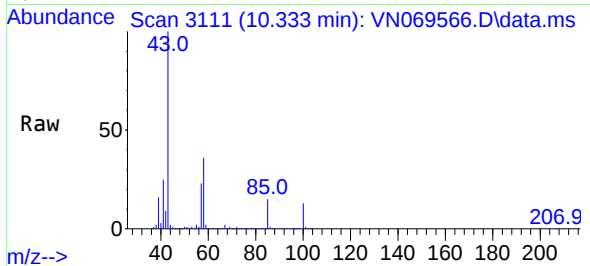
100 63.8 50.4 75.6





#51
4-Methyl-2-Pentanone
Concen: 298.385 ug/l
RT: 10.333 min Scan# 3111
Delta R.T. 0.002 min
Lab File: VN069566.D
Acq: 18 Nov 2021 20:50

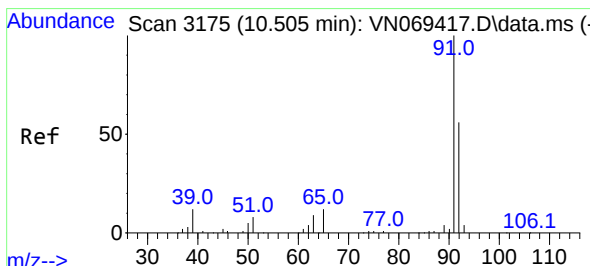
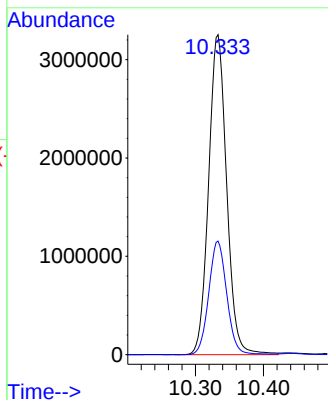
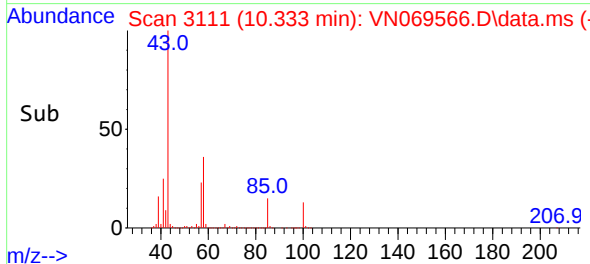
Instrument :
MSVOA_N
ClientSampleId :
GWBR3D-B-290-311-111721MSD



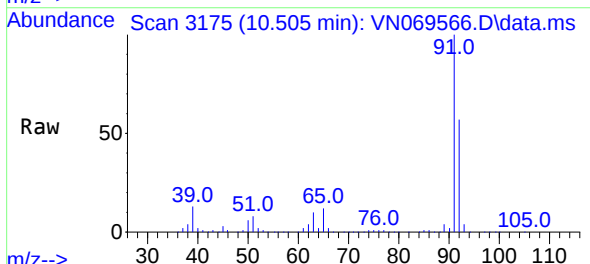
Tgt Ion: 43 Resp: 6001298
Ion Ratio Lower Upper
43 100
58 35.5 30.4 45.6

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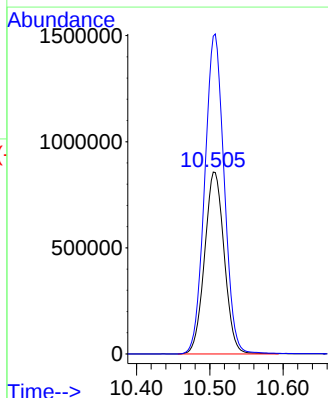
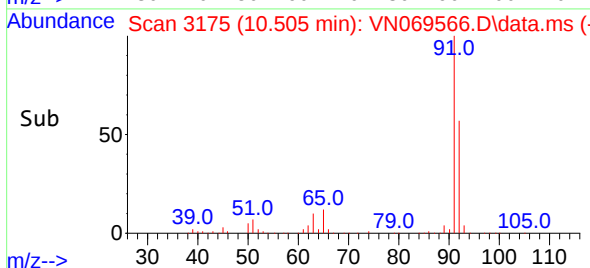
Reviewed By :John Carlone 11/19/2021
Supervised By :Semsettin Yesilyurt 11/19/2021

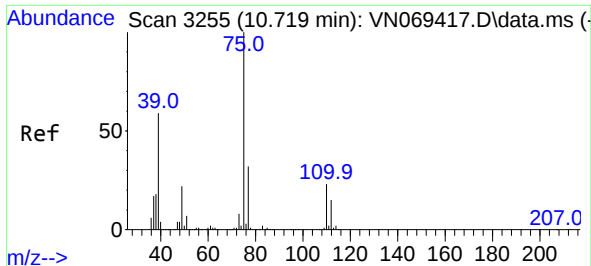


#52
Toluene
Concen: 57.697 ug/l
RT: 10.505 min Scan# 3175
Delta R.T. -0.000 min
Lab File: VN069566.D
Acq: 18 Nov 2021 20:50



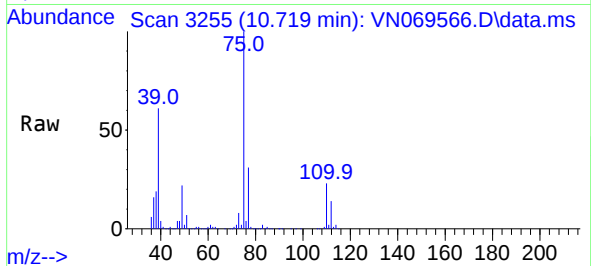
Tgt Ion: 92 Resp: 1592201
Ion Ratio Lower Upper
92 100
91 174.7 142.0 213.0





#53
t-1,3-Dichloropropene
Concen: 45.979 ug/l
RT: 10.719 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN069566.D
Acq: 18 Nov 2021 20:50

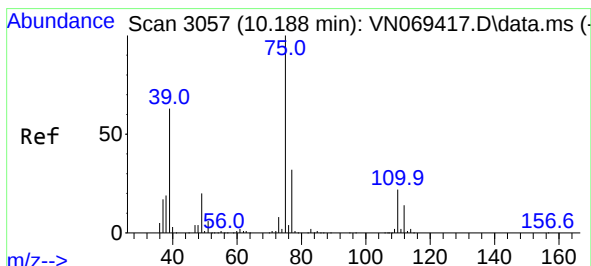
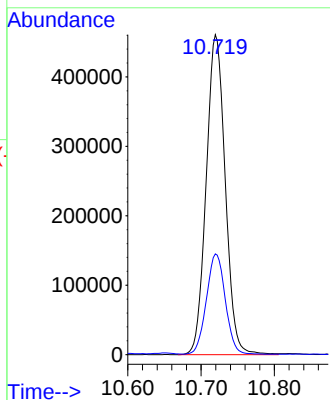
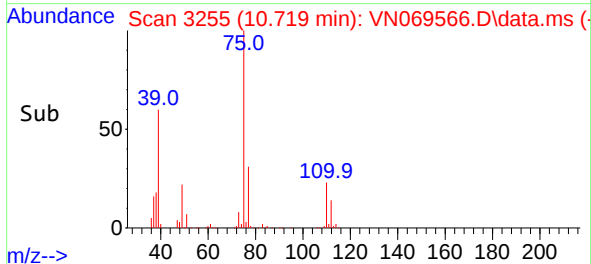
Instrument :
MSVOA_N
ClientSampleId :
GWR3D-B-290-311-111721MSD



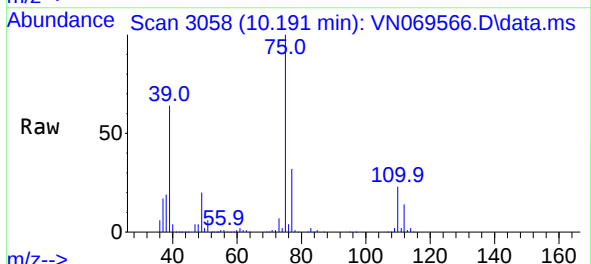
Tgt Ion: 75 Resp: 83216
Ion Ratio Lower Upper
75 100
77 31.3 25.6 38.4

Manual Integrations
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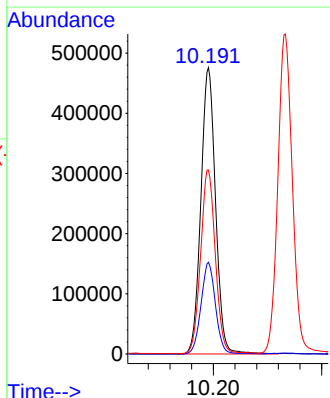
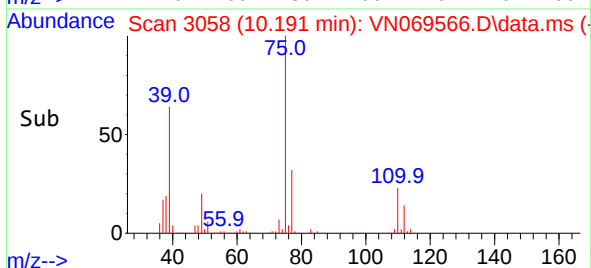
Reviewed By :John Carlone 11/19/2021
Supervised By :Semsettin Yesilyurt 11/19/2021

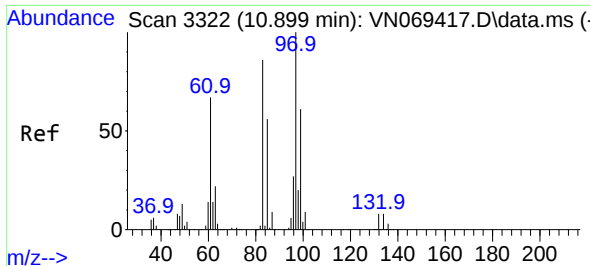


#54
cis-1,3-Dichloropropene
Concen: 46.871 ug/l
RT: 10.191 min Scan# 3058
Delta R.T. 0.003 min
Lab File: VN069566.D
Acq: 18 Nov 2021 20:50



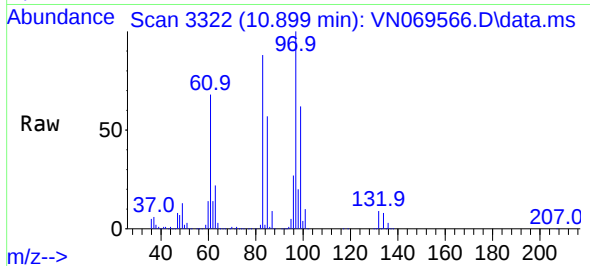
Tgt Ion: 75 Resp: 896151
Ion Ratio Lower Upper
75 100
77 32.0 26.4 39.6
39 64.2 42.5 63.7#





#55
1,1,2-Trichloroethane
Concen: 56.137 ug/l
RT: 10.899 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN069566.D
Acq: 18 Nov 2021 20:50

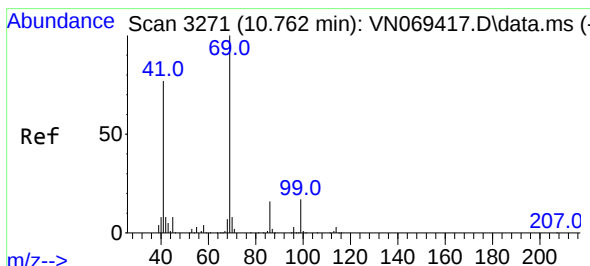
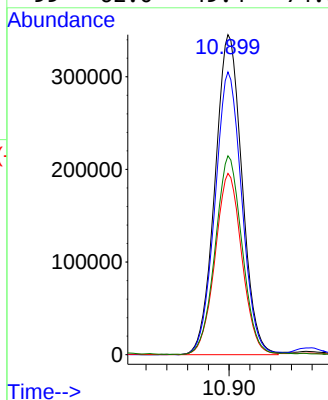
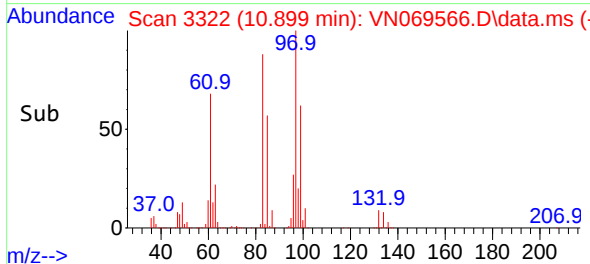
Instrument :
MSVOA_N
ClientSampleId :
GWR3D-B-290-311-111721MSD



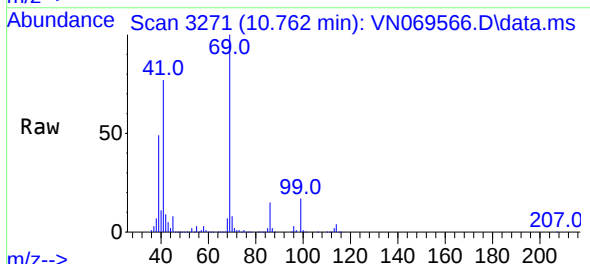
Tgt Ion: 97 Resp: 62447
Ion Ratio Lower Upper
97 100
83 88.3 67.8 101.6
85 56.6 45.4 68.2
99 62.0 49.4 74.0

Manual Integrations
APPROVED

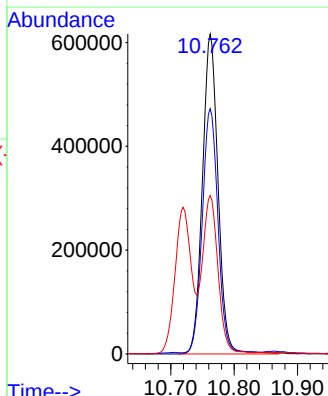
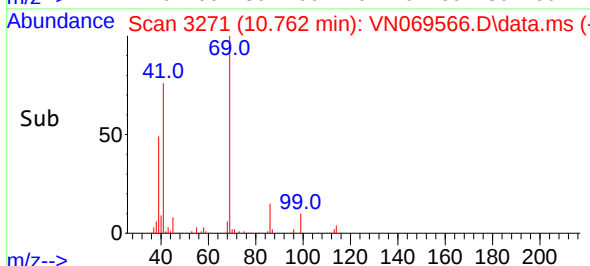
Reviewed By :John Carlone 11/19/2021
Supervised By :Semsettin Yesilyurt 11/19/2021

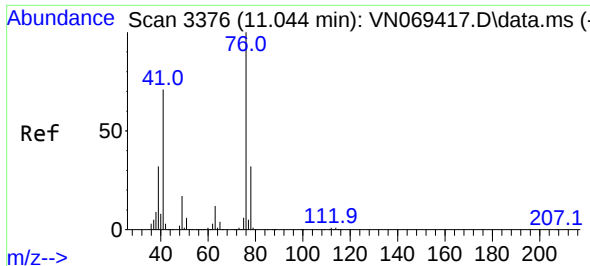


#56
Ethyl methacrylate
Concen: 50.318 ug/l
RT: 10.762 min Scan# 3271
Delta R.T. 0.000 min
Lab File: VN069566.D
Acq: 18 Nov 2021 20:50



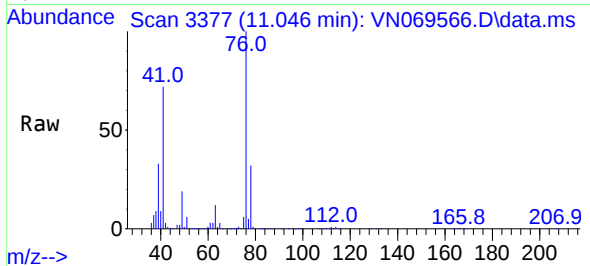
Tgt Ion: 69 Resp: 1055125
Ion Ratio Lower Upper
69 100
41 76.2 51.4 77.0
39 48.8 34.6 52.0





#57
1,3-Dichloropropane
Concen: 54.934 ug/l
RT: 11.046 min Scan# 311
Delta R.T. 0.002 min
Lab File: VN069566.D
Acq: 18 Nov 2021 20:50

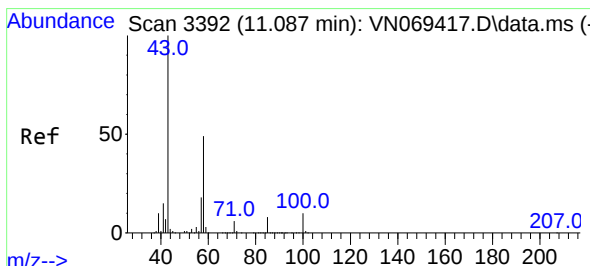
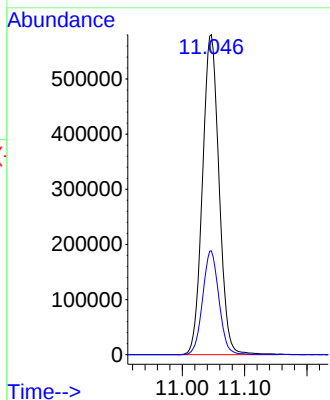
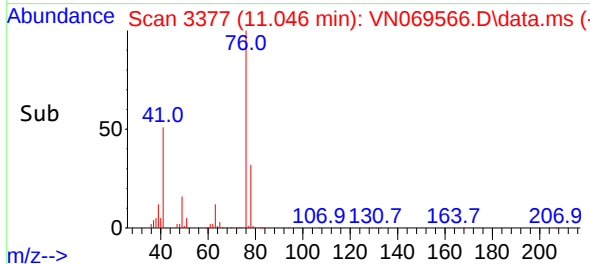
Instrument :
MSVOA_N
ClientSampleId :
GWBR3D-B-290-311-111721MSD



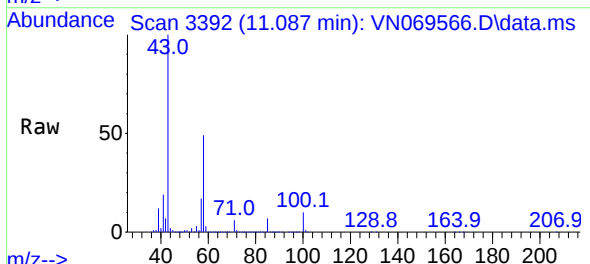
Tgt Ion: 76 Resp: 1073824
Ion Ratio Lower Upper
76 100
78 31.8 25.7 38.5

Manual Integrations
APPROVED

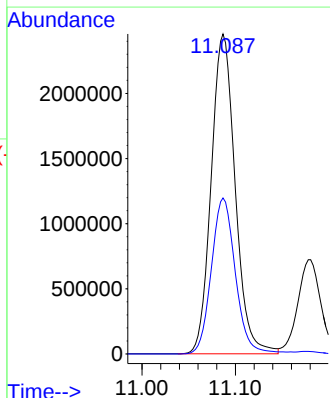
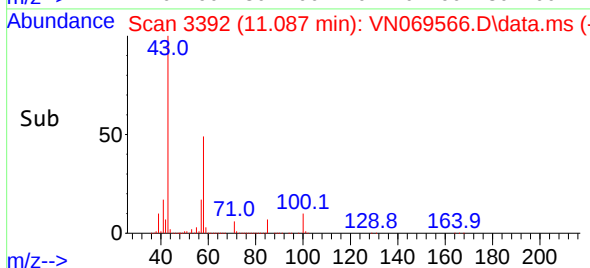
Reviewed By :John Carlone 11/19/2021
Supervised By :Semsettin Yesilyurt 11/19/2021

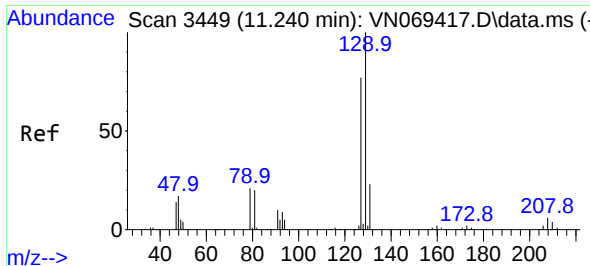


#59
2-Hexanone
Concen: 258.106 ug/l
RT: 11.087 min Scan# 3392
Delta R.T. -0.000 min
Lab File: VN069566.D
Acq: 18 Nov 2021 20:50



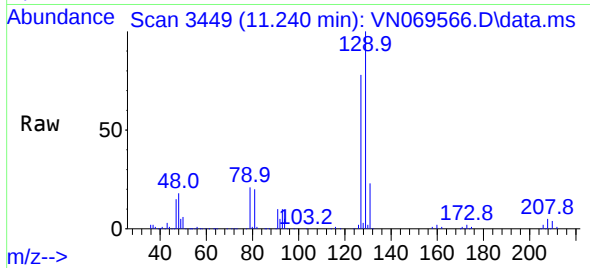
Tgt Ion: 43 Resp: 4387640
Ion Ratio Lower Upper
43 100
58 48.9 26.9 80.7





#60
Dibromochloromethane
Concen: 49.010 ug/l
RT: 11.240 min Scan# 3449
Delta R.T. -0.000 min
Lab File: VN069566.D
Acq: 18 Nov 2021 20:50

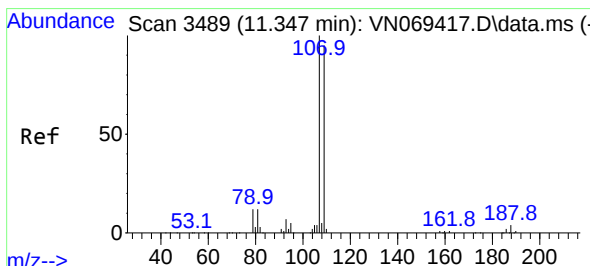
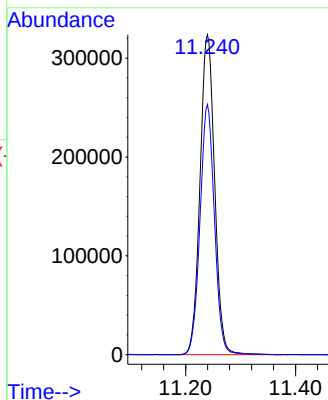
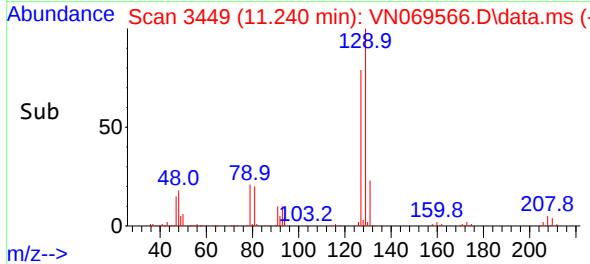
Instrument : MSVOA_N
ClientSampleId : GWBR3D-B-290-311-111721MSD



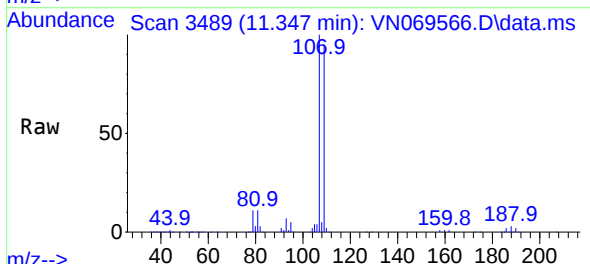
Tgt Ion:129 Resp: 597779
Ion Ratio Lower Upper
129 100
127 76.9 38.6 116.0

Manual Integrations
APPROVED

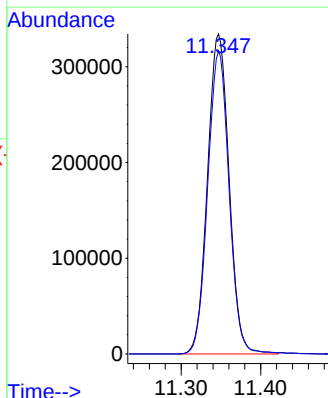
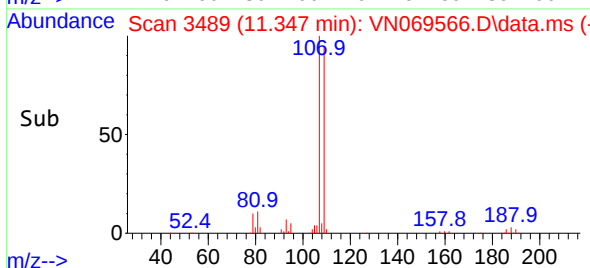
Reviewed By :John Carlone 11/19/2021
Supervised By :Semsettin Yesilyurt 11/19/2021

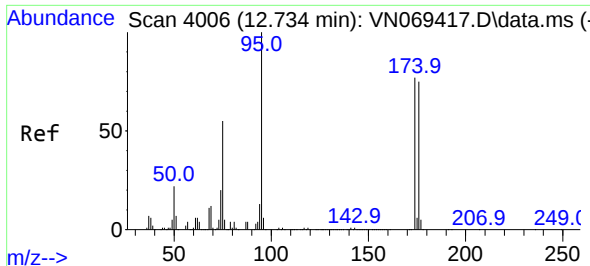


#61
1,2-Dibromoethane
Concen: 50.810 ug/l
RT: 11.347 min Scan# 3489
Delta R.T. -0.000 min
Lab File: VN069566.D
Acq: 18 Nov 2021 20:50



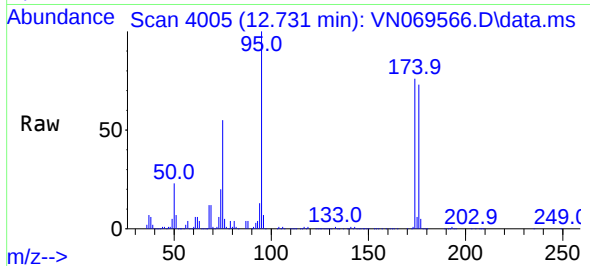
Tgt Ion:107 Resp: 631095
Ion Ratio Lower Upper
107 100
109 93.7 75.7 113.5





#62
4-Bromofluorobenzene
Concen: 53.333 ug/l
RT: 12.731 min Scan# 4006
Delta R.T. -0.003 min
Lab File: VN069566.D
Acq: 18 Nov 2021 20:50

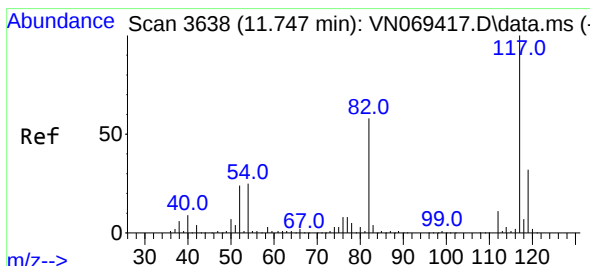
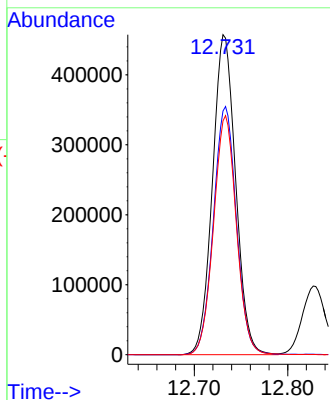
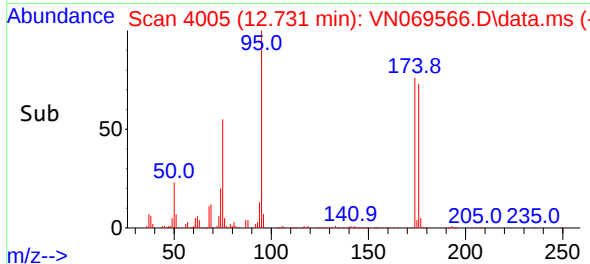
Instrument :
MSVOA_N
ClientSampleId :
GWR3D-B-290-311-111721MSD



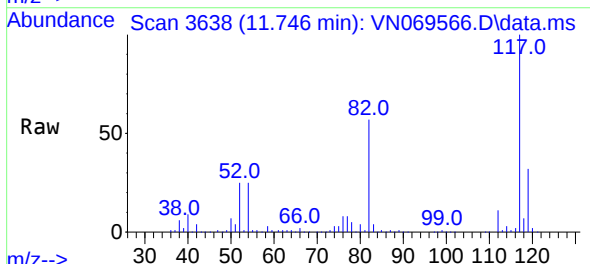
Tgt Ion: 95 Resp: 78821
Ion Ratio Lower Upper
95 100
174 77.1 0.0 187.2
176 73.9 0.0 181.4

Manual Integrations
APPROVED

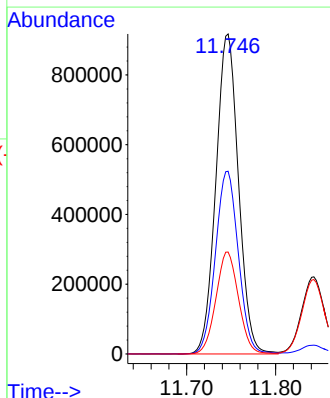
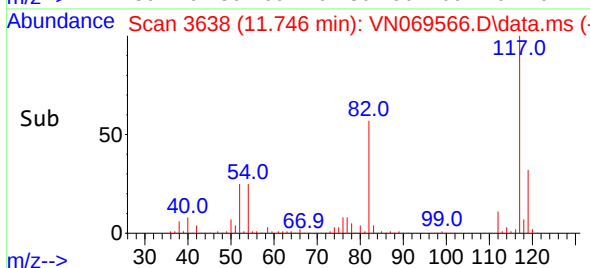
Reviewed By :John Carlone 11/19/2021
Supervised By :Semsettin Yesilyurt 11/19/2021

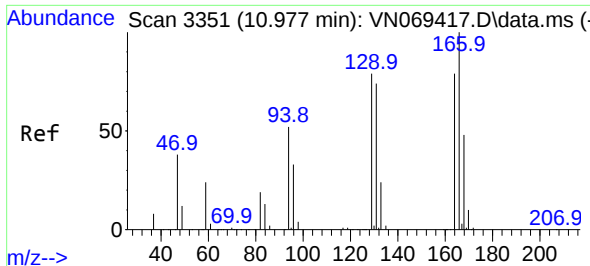


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.746 min Scan# 3638
Delta R.T. -0.001 min
Lab File: VN069566.D
Acq: 18 Nov 2021 20:50



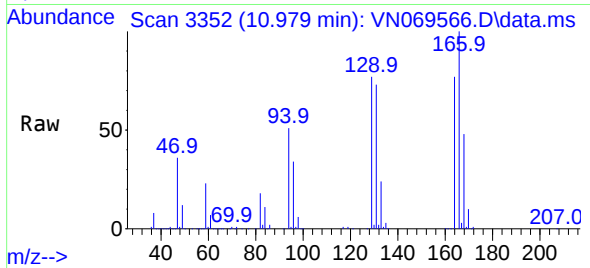
Tgt Ion:117 Resp: 1620665
Ion Ratio Lower Upper
117 100
82 57.1 42.4 63.6
119 31.8 25.4 38.2





#64
Tetrachloroethene
Concen: 50.781 ug/l
RT: 10.979 min Scan# 31
Delta R.T. 0.002 min
Lab File: VN069566.D
Acq: 18 Nov 2021 20:50

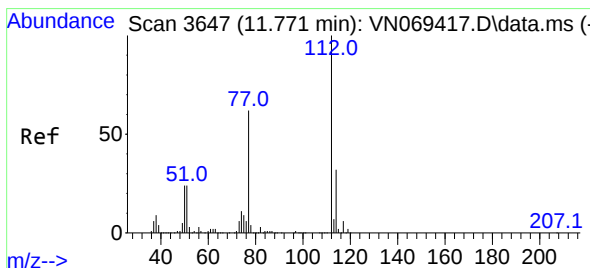
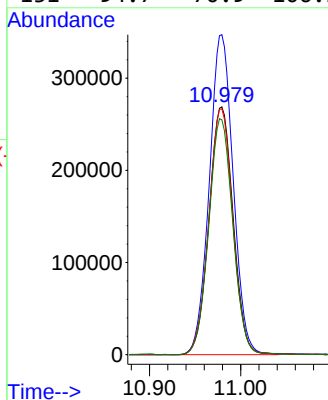
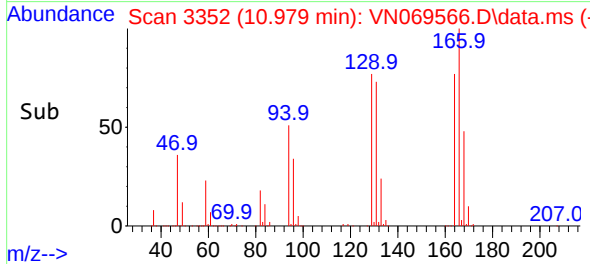
Instrument :
MSVOA_N
ClientSampleId :
GWBR3D-B-290-311-111721MSD



Tgt Ion:164 Resp: 496928
Ion Ratio Lower Upper
164 100
166 129.1 101.9 152.9
129 99.2 72.0 108.0
131 94.7 70.9 106.3

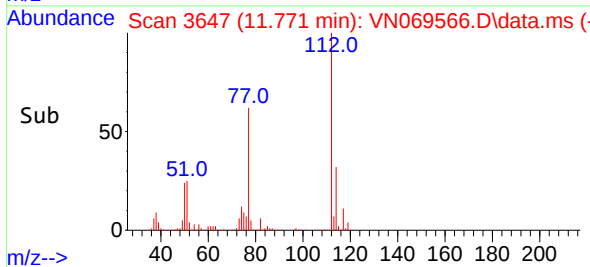
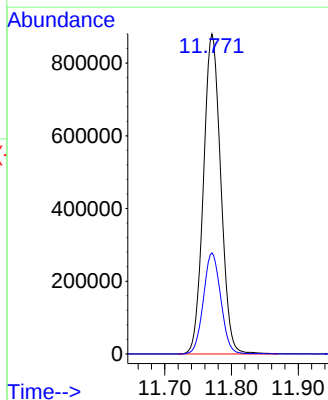
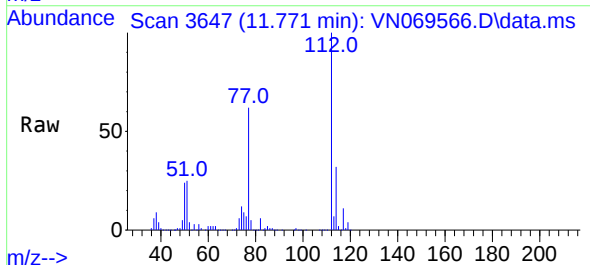
Manual Integrations
APPROVED

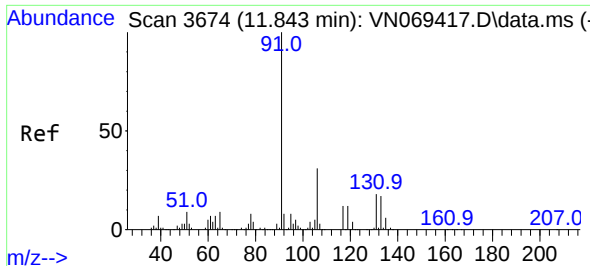
Reviewed By :John Carlone 11/19/2021
Supervised By :Semsettin Yesilyurt 11/19/2021



#65
Chlorobenzene
Concen: 52.553 ug/l
RT: 11.771 min Scan# 3647
Delta R.T. -0.000 min
Lab File: VN069566.D
Acq: 18 Nov 2021 20:50

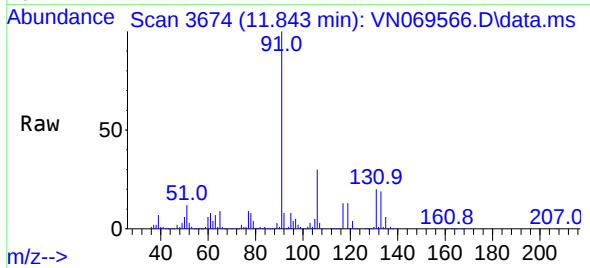
Tgt Ion:112 Resp: 1585313
Ion Ratio Lower Upper
112 100
114 31.6 25.4 38.0





#66
1,1,1,2-Tetrachloroethane
Concen: 55.816 ug/l
RT: 11.843 min Scan# 3674
Delta R.T. 0.000 min
Lab File: VN069566.D
Acq: 18 Nov 2021 20:50

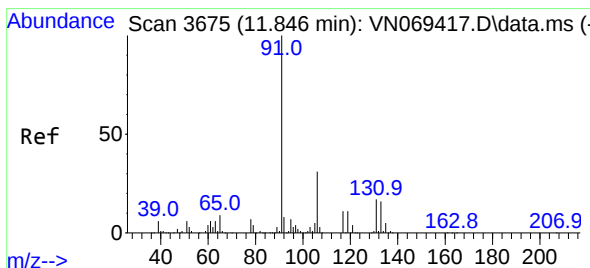
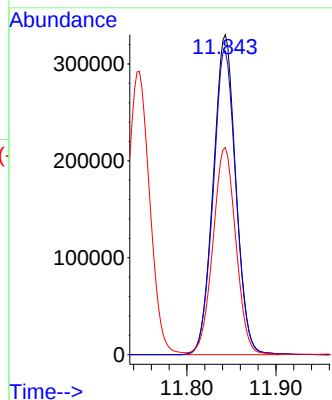
Instrument : MSVOA_N
ClientSampleId : GWBR3D-B-290-311-111721MSD



Tgt Ion:131 Resp: 58402
Ion Ratio Lower Upper
131 100
133 95.8 47.9 143.7
119 65.5 32.1 96.5

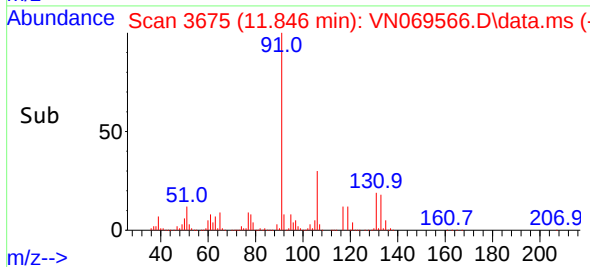
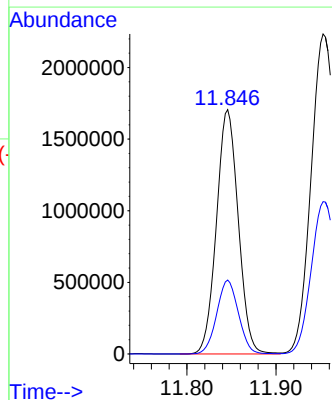
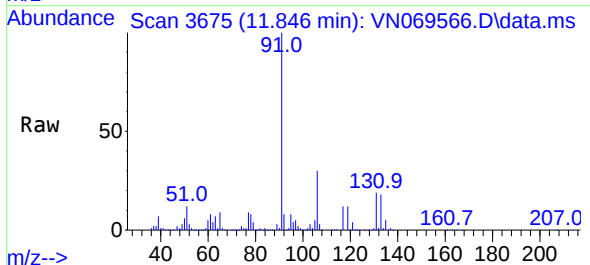
Manual Integrations
APPROVED

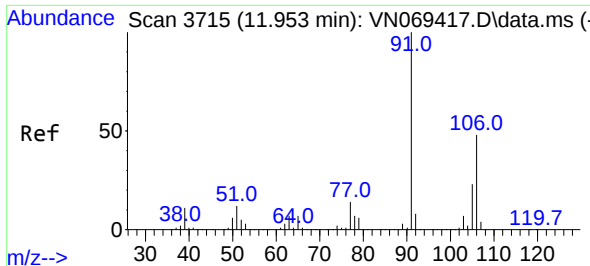
Reviewed By :John Carlone 11/19/2021
Supervised By :Semsettin Yesilyurt 11/19/2021



#67
Ethyl Benzene
Concen: 52.236 ug/l
RT: 11.846 min Scan# 3675
Delta R.T. -0.000 min
Lab File: VN069566.D
Acq: 18 Nov 2021 20:50

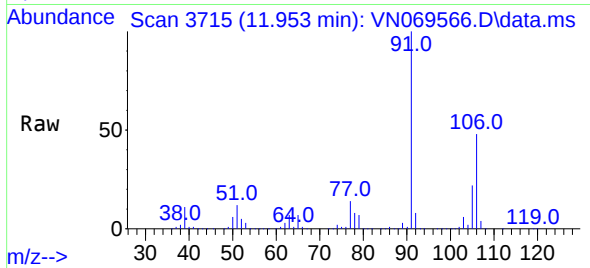
Tgt Ion: 91 Resp: 2906236
Ion Ratio Lower Upper
91 100
106 30.3 25.7 38.5





#68
m/p-Xylenes
Concen: 103.629 ug/l
RT: 11.953 min Scan# 3715
Delta R.T. -0.000 min
Lab File: VN069566.D
Acq: 18 Nov 2021 20:50

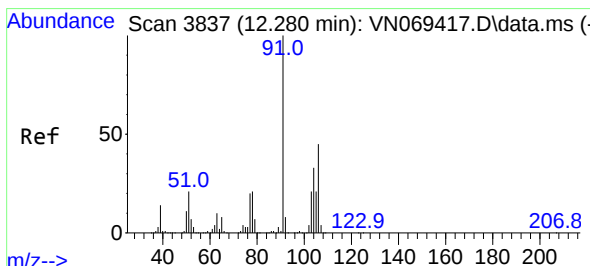
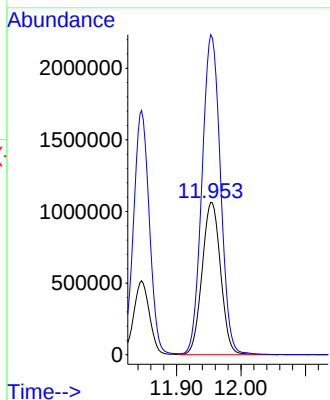
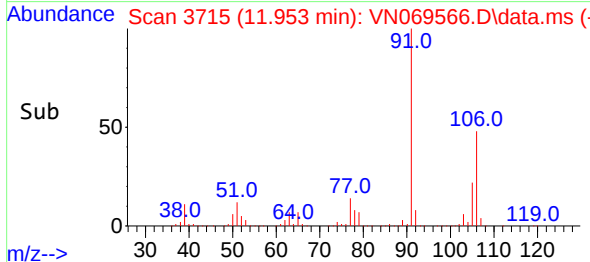
Instrument :
MSVOA_N
ClientSampleId :
GWR3D-B-290-311-111721MSD



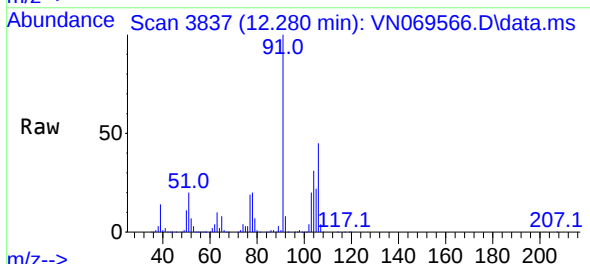
Tgt Ion:106 Resp: 2120469
Ion Ratio Lower Upper
106 100
91 210.1 160.6 240.8

Manual Integrations
APPROVED

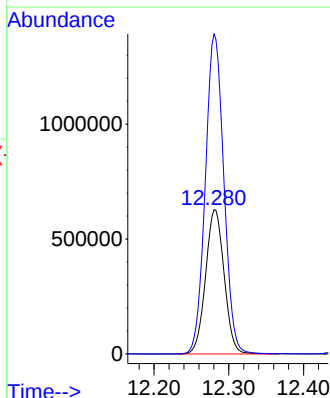
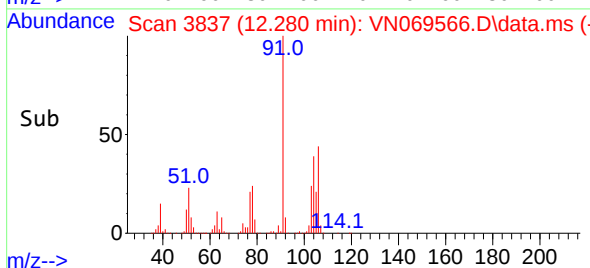
Reviewed By :John Carlone 11/19/2021
Supervised By :Semsettin Yesilyurt 11/19/2021

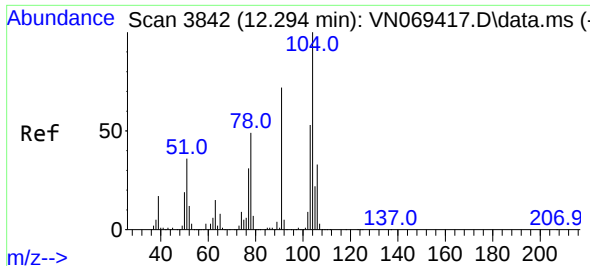


#69
o-Xylene
Concen: 53.104 ug/l
RT: 12.280 min Scan# 3837
Delta R.T. 0.000 min
Lab File: VN069566.D
Acq: 18 Nov 2021 20:50



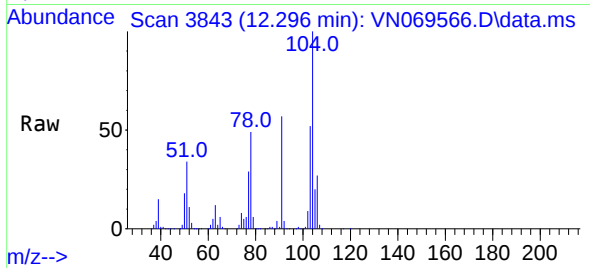
Tgt Ion:106 Resp: 1083300
Ion Ratio Lower Upper
106 100
91 221.2 105.8 317.3





#70
Styrene
Concen: 47.505 ug/l
RT: 12.296 min Scan# 3842
Delta R.T. 0.002 min
Lab File: VN069566.D
Acq: 18 Nov 2021 20:50

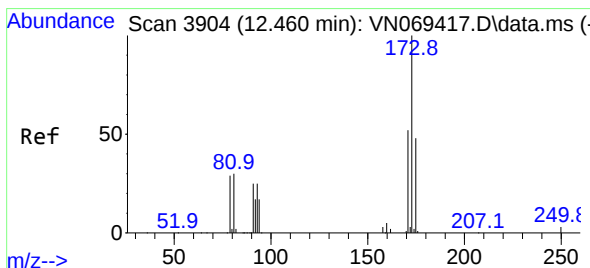
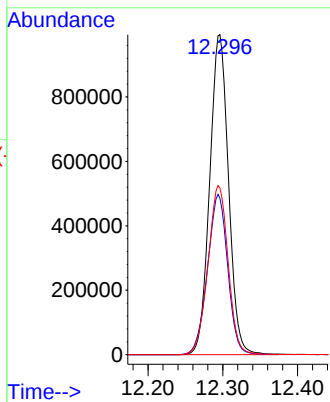
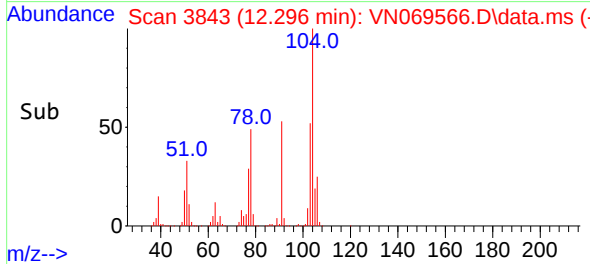
Instrument :
MSVOA_N
ClientSampleId :
GWBR3D-B-290-311-111721MSD



Tgt Ion:104 Resp: 1737070
Ion Ratio Lower Upper
104 100
78 53.7 38.7 58.1
103 56.6 45.0 67.6

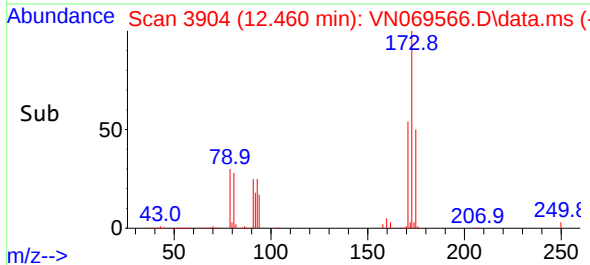
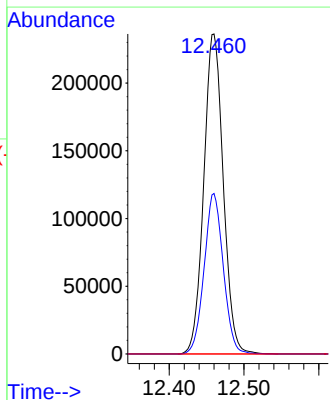
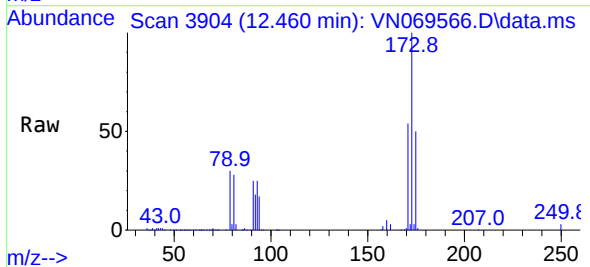
Manual Integrations
APPROVED

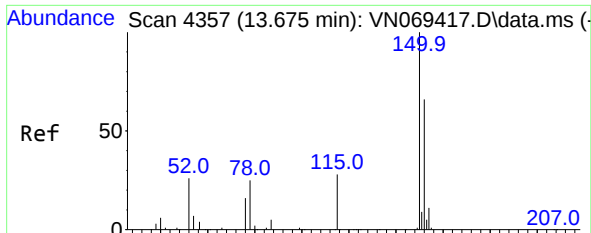
Reviewed By :John Carlone 11/19/2021
Supervised By :Semsettin Yesilyurt 11/19/2021



#71
Bromoform
Concen: 47.374 ug/l
RT: 12.460 min Scan# 3904
Delta R.T. -0.000 min
Lab File: VN069566.D
Acq: 18 Nov 2021 20:50

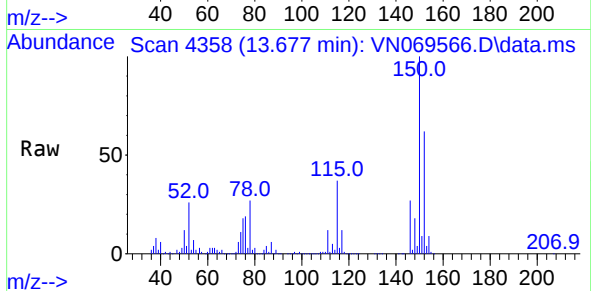
Tgt Ion:173 Resp: 428646
Ion Ratio Lower Upper
173 100
175 49.3 24.2 72.6
254 0.0 0.0 0.0





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.677 min Scan# 41
Delta R.T. 0.002 min
Lab File: VN069566.D
Acq: 18 Nov 2021 20:50

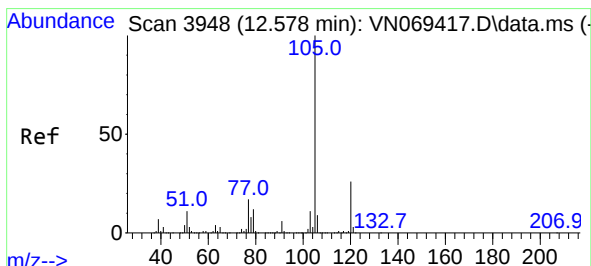
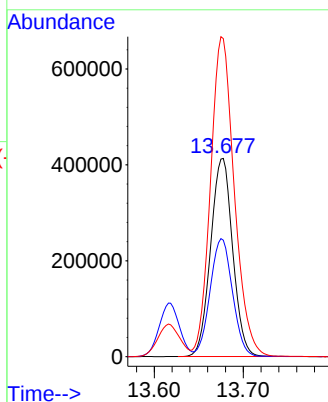
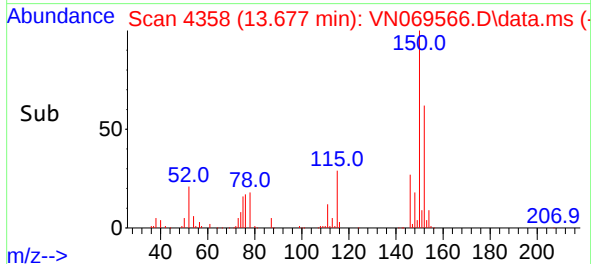
Instrument :
MSVOA_N
ClientSampleId :
GWR3D-B-290-311-111721MSD



Tgt Ion:152 Resp: 712990
Ion Ratio Lower Upper
152 100
115 60.3 27.5 82.5
150 173.5 0.0 344.4

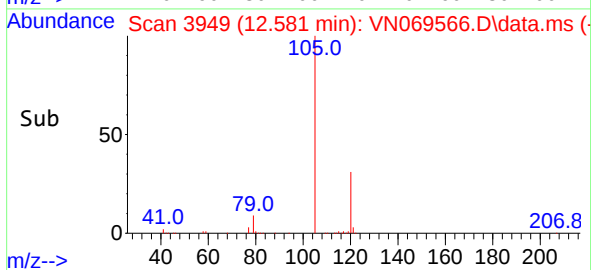
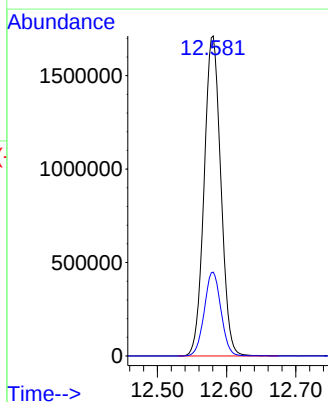
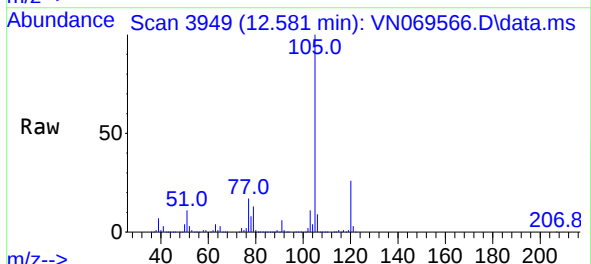
Manual Integrations
APPROVED

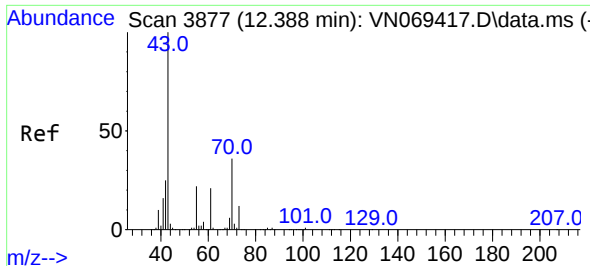
Reviewed By :John Carlone 11/19/2021
Supervised By :Semsettin Yesilyurt 11/19/2021



#73
Isopropylbenzene
Concen: 50.540 ug/l
RT: 12.581 min Scan# 3949
Delta R.T. 0.003 min
Lab File: VN069566.D
Acq: 18 Nov 2021 20:50

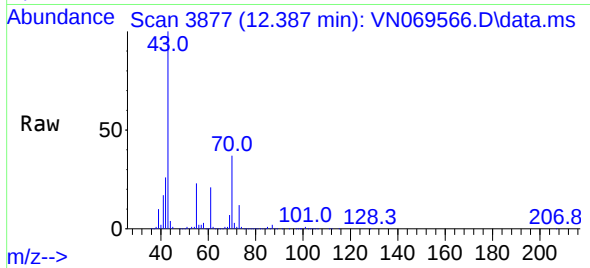
Tgt Ion:105 Resp: 2869103
Ion Ratio Lower Upper
105 100
120 26.2 13.4 40.1





#74
N-amy1 acetate
Concen: 43.847 ug/l
RT: 12.387 min Scan# 3877
Delta R.T. -0.001 min
Lab File: VN069566.D
Acq: 18 Nov 2021 20:50

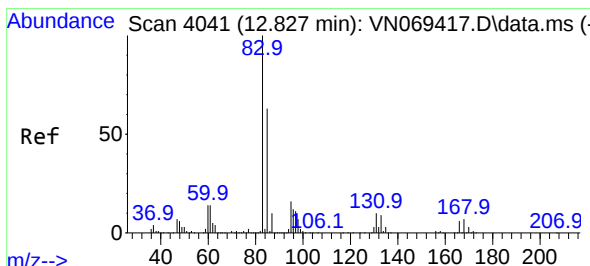
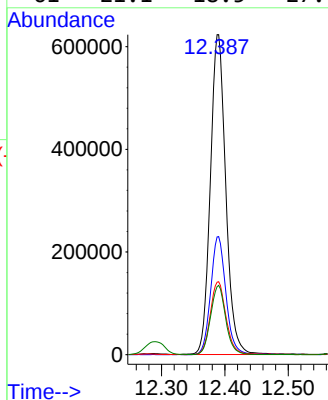
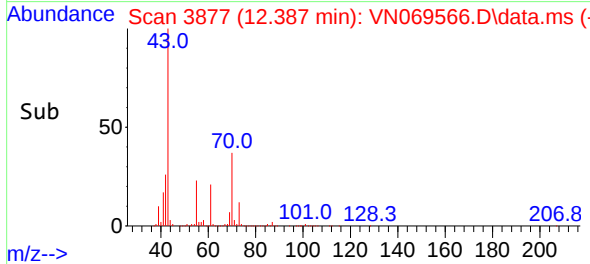
Instrument : MSVOA_N
ClientSampleId : GWBR3D-B-290-311-111721MSD



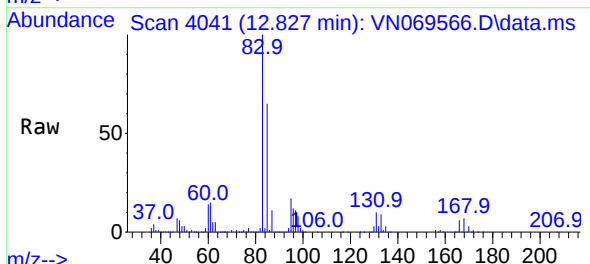
Tgt Ion: 43 Resp: 105490
Ion Ratio Lower Upper
43 100
70 36.4 33.4 50.0
55 23.4 19.3 28.9
61 21.1 18.5 27.7

Manual Integrations
APPROVED

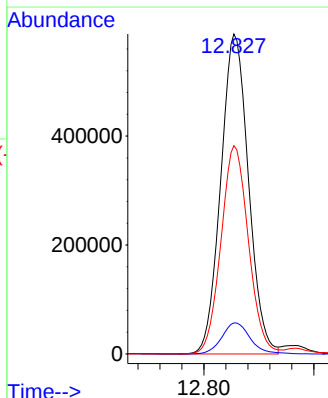
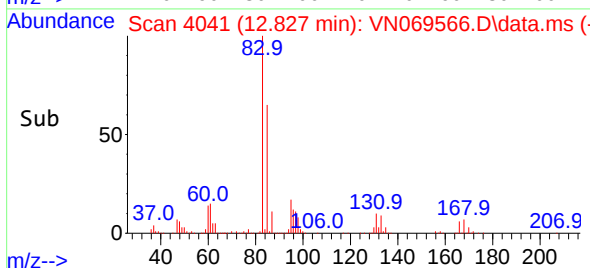
Reviewed By :John Carlone 11/19/2021
Supervised By :Semsettin Yesilyurt 11/19/2021

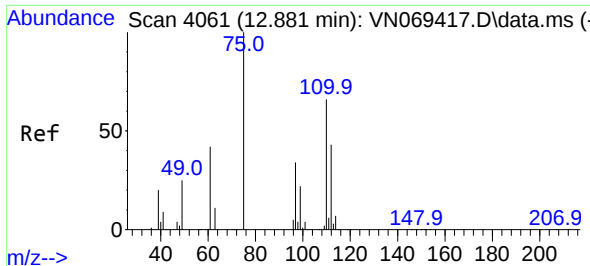


#75
1,1,2,2-Tetrachloroethane
Concen: 53.711 ug/l
RT: 12.827 min Scan# 4041
Delta R.T. 0.000 min
Lab File: VN069566.D
Acq: 18 Nov 2021 20:50



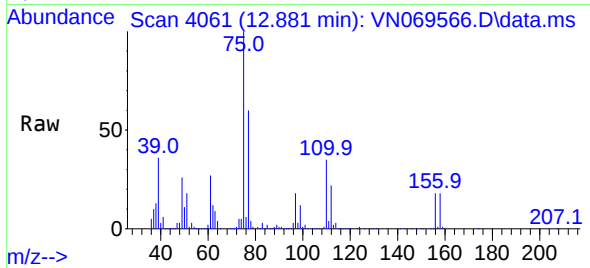
Tgt Ion: 83 Resp: 1028389
Ion Ratio Lower Upper
83 100
131 10.0 5.5 16.5
85 64.5 32.4 97.2





#76
1,2,3-Trichloropropane
Concen: 55.226 ug/l m
RT: 12.881 min Scan# 4061
Delta R.T. -0.000 min
Lab File: VN069566.D
Acq: 18 Nov 2021 20:50

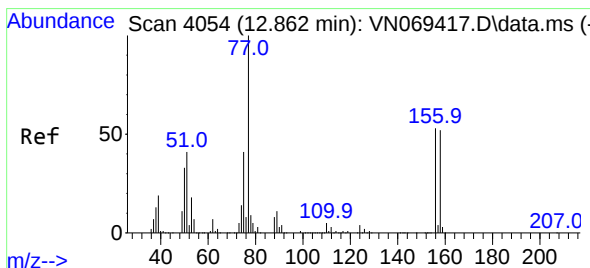
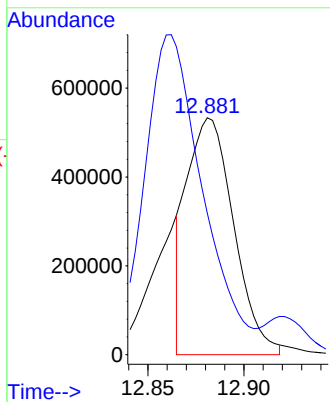
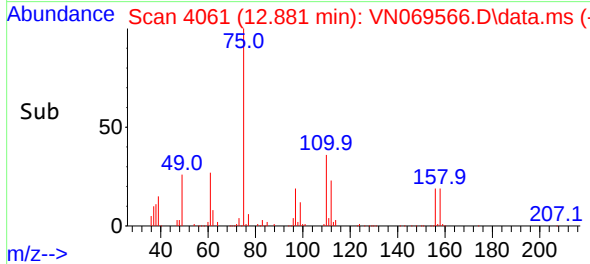
Instrument :
MSVOA_N
ClientSampleId :
GWBR3D-B-290-311-111721MSD



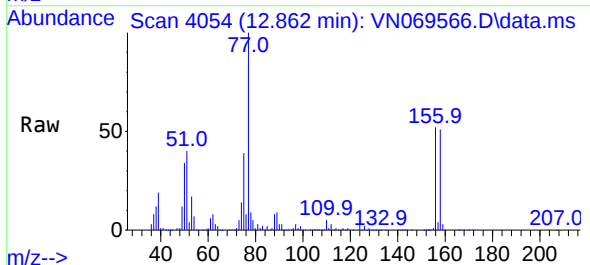
Tgt Ion: 75 Resp: 90870
Ion Ratio Lower Upper
75 100
77 167.0 82.6 247.8

Manual Integrations
APPROVED

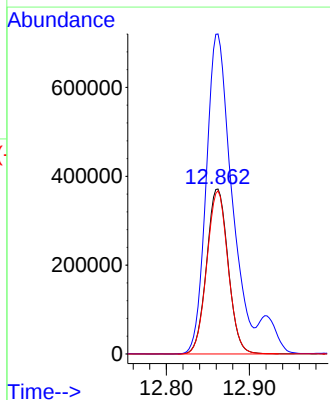
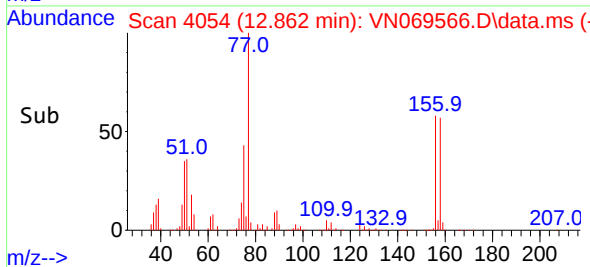
Reviewed By :John Carlone 11/19/2021
Supervised By :Semsettin Yesilyurt 11/19/2021

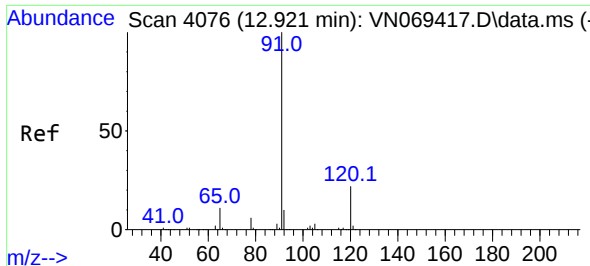


#77
Bromobenzene
Concen: 51.597 ug/l
RT: 12.862 min Scan# 4054
Delta R.T. 0.000 min
Lab File: VN069566.D
Acq: 18 Nov 2021 20:50



Tgt Ion:156 Resp: 669894
Ion Ratio Lower Upper
156 100
77 226.5 90.6 271.8
158 97.8 48.9 146.7





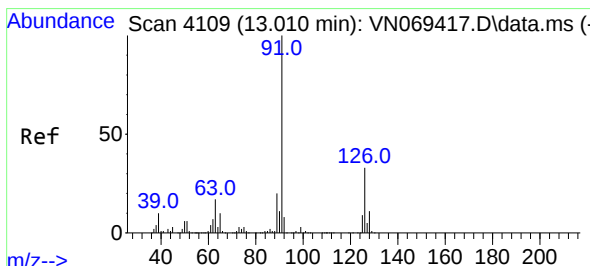
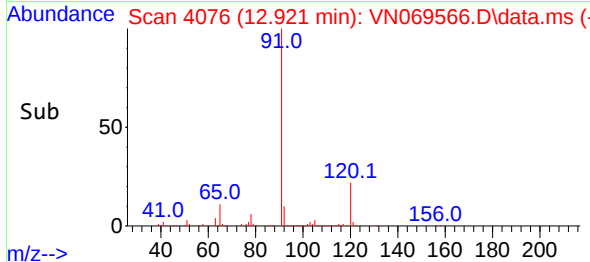
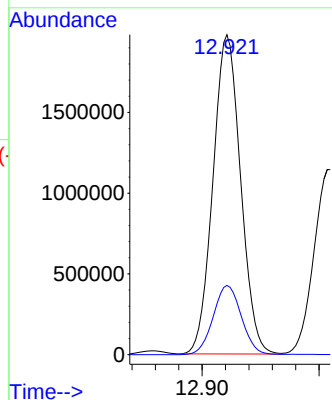
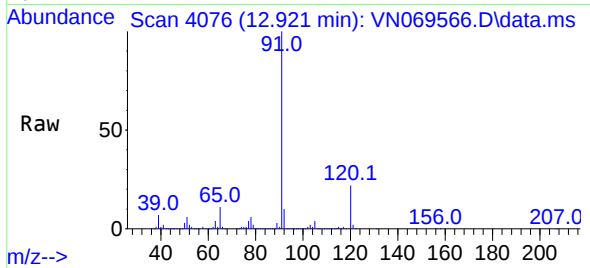
#78
n-propylbenzene
Concen: 50.781 ug/l
RT: 12.921 min Scan# 4076
Delta R.T. 0.000 min
Lab File: VN069566.D
Acq: 18 Nov 2021 20:50

Instrument :
MSVOA_N
ClientSampleId :
GWBR3D-B-290-311-111721MSD

Tgt Ion: 91 Resp: 3243828
Ion Ratio Lower Upper
91 100
120 22.1 11.9 35.9

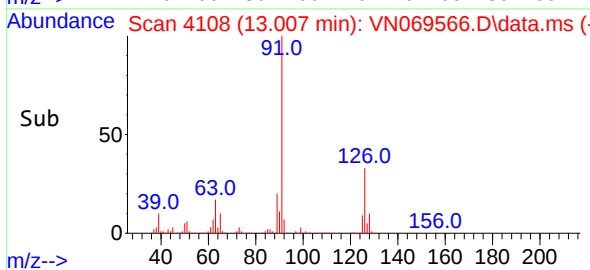
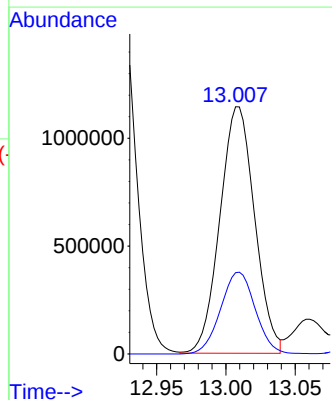
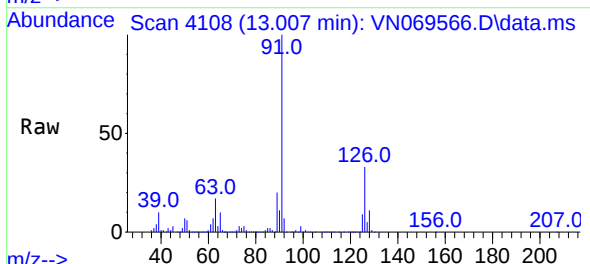
Manual Integrations
APPROVED

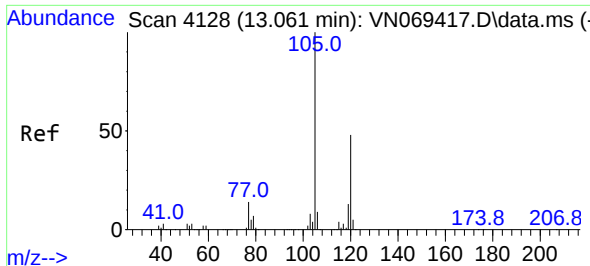
Reviewed By :John Carlone 11/19/2021
Supervised By :Semsettin Yesilyurt 11/19/2021



#79
2-Chlorotoluene
Concen: 50.423 ug/l
RT: 13.007 min Scan# 4108
Delta R.T. -0.003 min
Lab File: VN069566.D
Acq: 18 Nov 2021 20:50

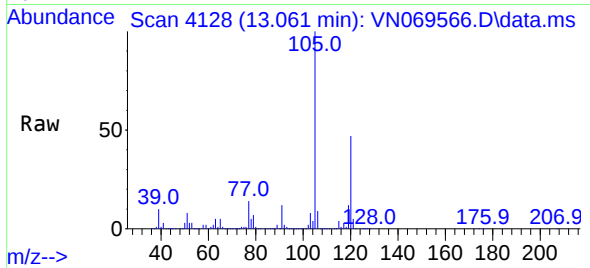
Tgt Ion: 91 Resp: 1994313
Ion Ratio Lower Upper
91 100
126 33.2 18.3 54.8





#80
1,3,5-Trimethylbenzene
Concen: 49.979 ug/l
RT: 13.061 min Scan# 4128
Delta R.T. -0.000 min
Lab File: VN069566.D
Acq: 18 Nov 2021 20:50

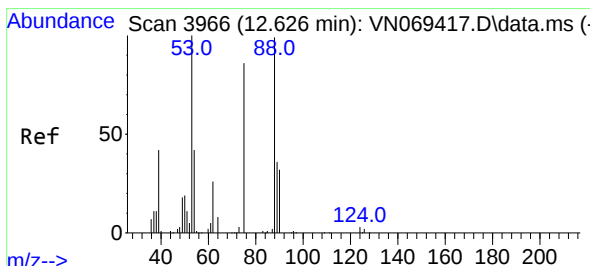
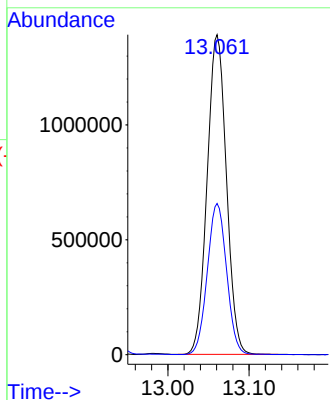
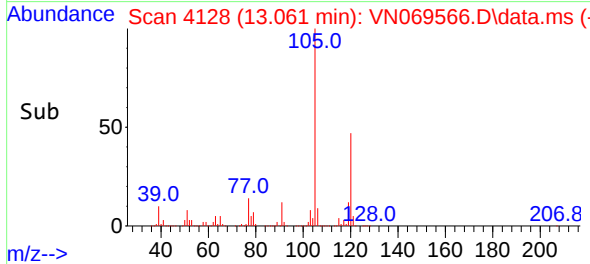
Instrument :
MSVOA_N
ClientSampleId :
GWBR3D-B-290-311-111721MSD



Tgt Ion:105 Resp: 229371
Ion Ratio Lower Upper
105 100
120 47.2 24.6 73.6

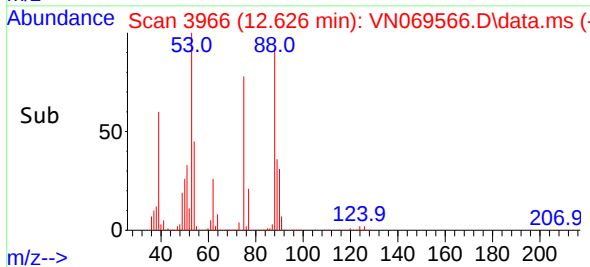
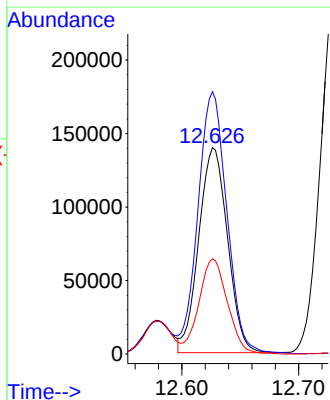
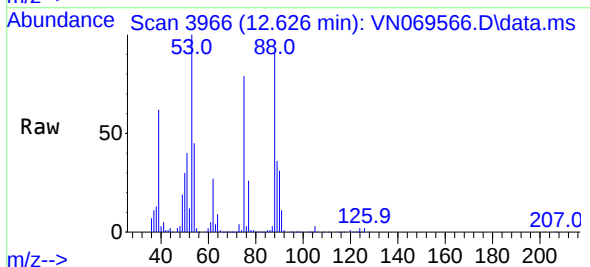
Manual Integrations
APPROVED

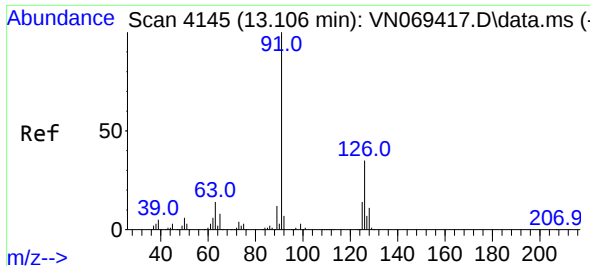
Reviewed By :John Carlone 11/19/2021
Supervised By :Semsettin Yesilyurt 11/19/2021



#81
trans-1,4-Dichloro-2-butene
Concen: 44.028 ug/l
RT: 12.626 min Scan# 3966
Delta R.T. 0.000 min
Lab File: VN069566.D
Acq: 18 Nov 2021 20:50

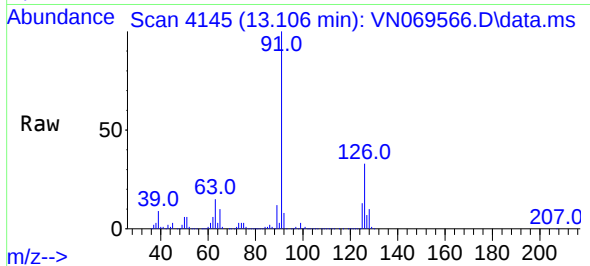
Tgt Ion: 75 Resp: 239053
Ion Ratio Lower Upper
75 100
53 128.3 90.5 135.7
89 46.0 38.2 57.4





#82
4-Chlorotoluene
Concen: 51.046 ug/l
RT: 13.106 min Scan# 4145
Delta R.T. 0.000 min
Lab File: VN069566.D
Acq: 18 Nov 2021 20:50

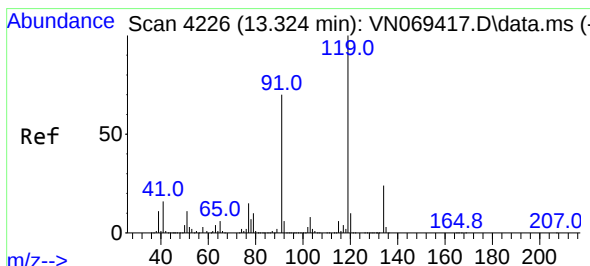
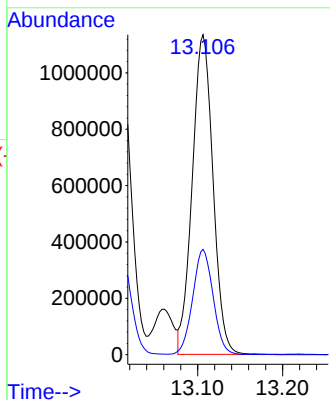
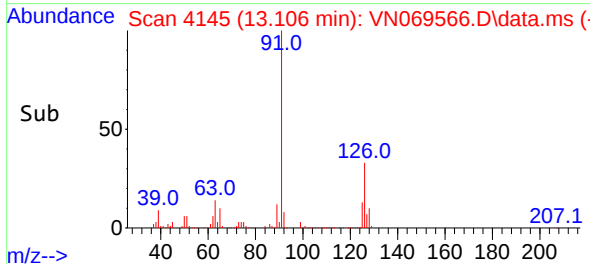
Instrument :
MSVOA_N
ClientSampleId :
GWR3D-B-290-311-111721MSD



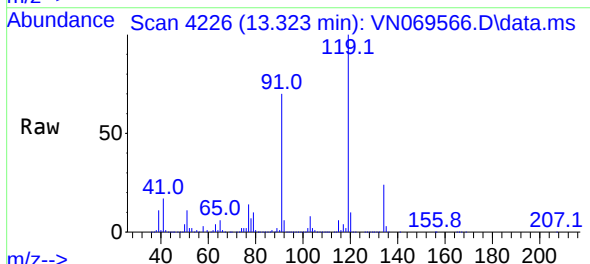
Tgt Ion: 91 Resp: 1924632
Ion Ratio Lower Upper
91 100
126 32.6 18.2 54.6

Manual Integrations
APPROVED

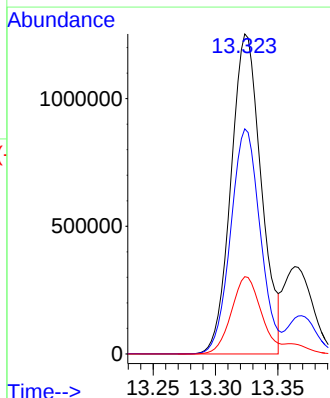
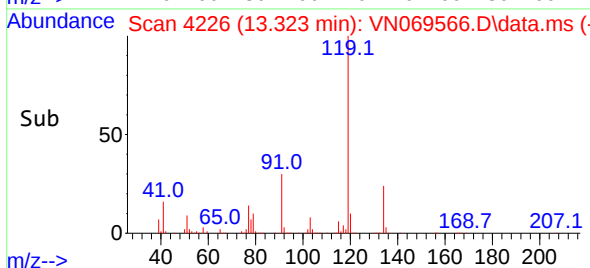
Reviewed By :John Carlone 11/19/2021
Supervised By :Semsettin Yesilyurt 11/19/2021

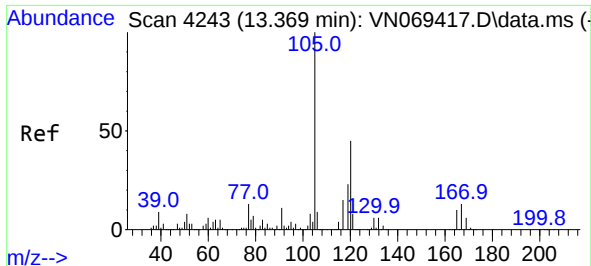


#83
tert-Butylbenzene
Concen: 52.653 ug/l
RT: 13.323 min Scan# 4226
Delta R.T. -0.001 min
Lab File: VN069566.D
Acq: 18 Nov 2021 20:50



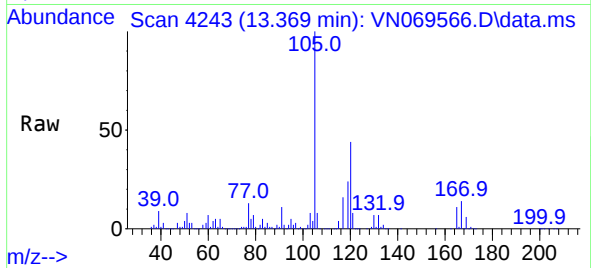
Tgt Ion:119 Resp: 2117554
Ion Ratio Lower Upper
119 100
91 69.1 31.5 94.5
134 24.0 12.4 37.4





#84
1,2,4-Trimethylbenzene
Concen: 50.548 ug/l
RT: 13.369 min Scan# 4243
Delta R.T. 0.000 min
Lab File: VN069566.D
Acq: 18 Nov 2021 20:50

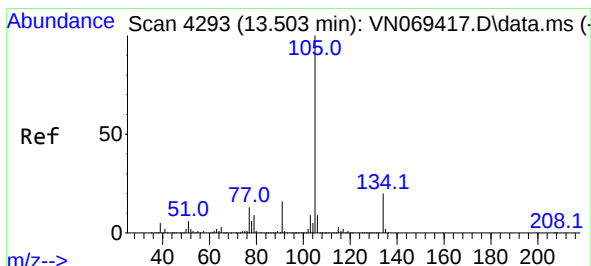
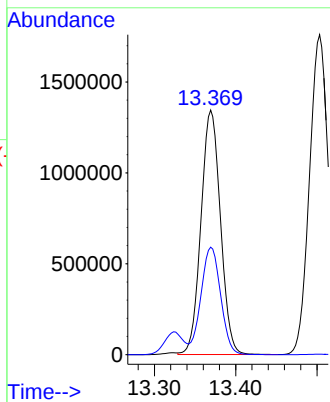
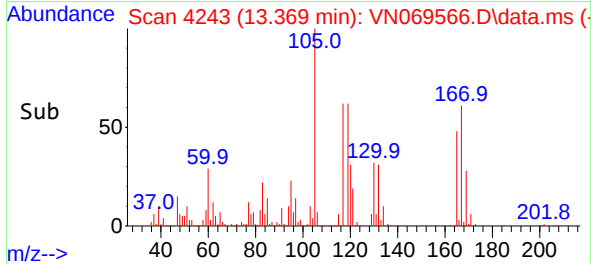
Instrument :
MSVOA_N
ClientSampleId :
GWR3D-B-290-311-111721MSD



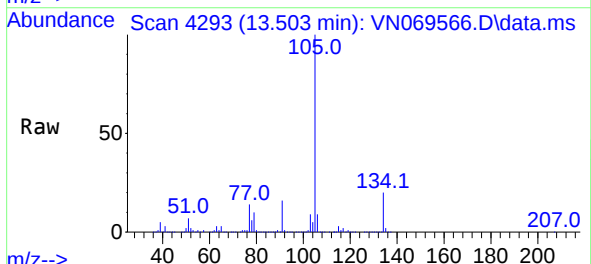
Tgt Ion:105 Resp: 2239549
Ion Ratio Lower Upper
105 100
120 44.4 22.8 68.4

Manual Integrations
APPROVED

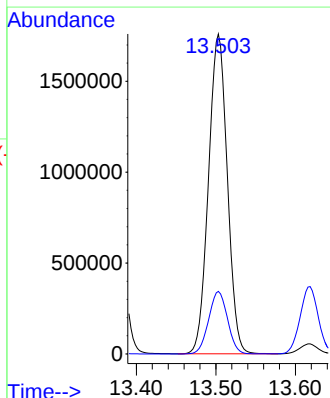
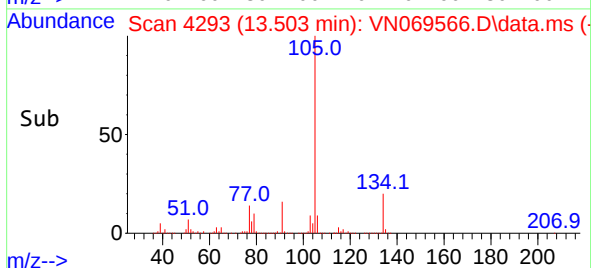
Reviewed By :John Carlone 11/19/2021
Supervised By :Semsettin Yesilyurt 11/19/2021

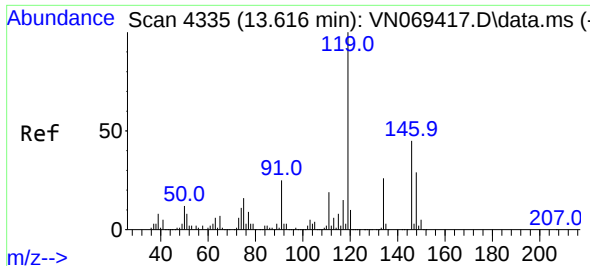


#85
sec-Butylbenzene
Concen: 51.476 ug/l
RT: 13.503 min Scan# 4293
Delta R.T. 0.000 min
Lab File: VN069566.D
Acq: 18 Nov 2021 20:50



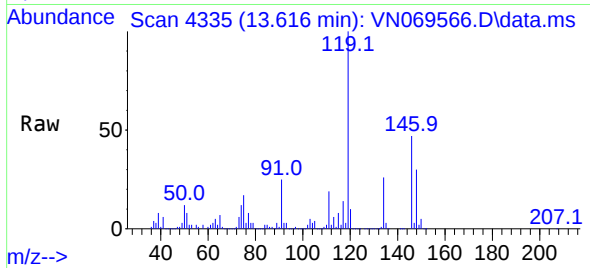
Tgt Ion:105 Resp: 2891911
Ion Ratio Lower Upper
105 100
134 19.6 10.4 31.1





#86
p-Isopropyltoluene
Concen: 51.109 ug/l
RT: 13.616 min Scan# 4335
Delta R.T. -0.000 min
Lab File: VN069566.D
Acq: 18 Nov 2021 20:50

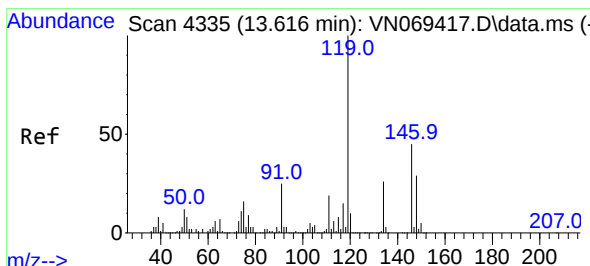
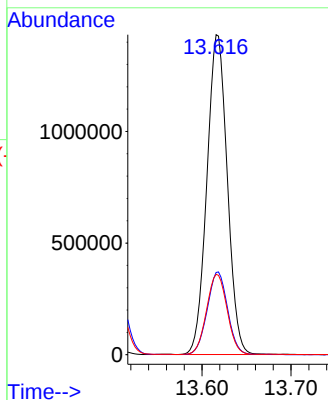
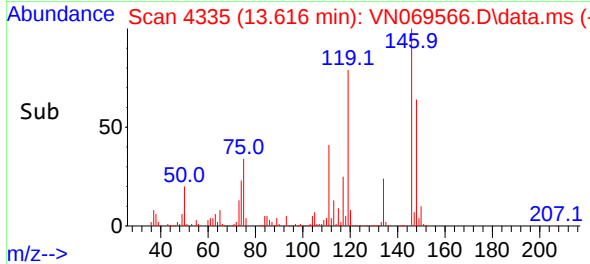
Instrument : MSVOA_N
ClientSampleId : GWBR3D-B-290-311-111721MSD



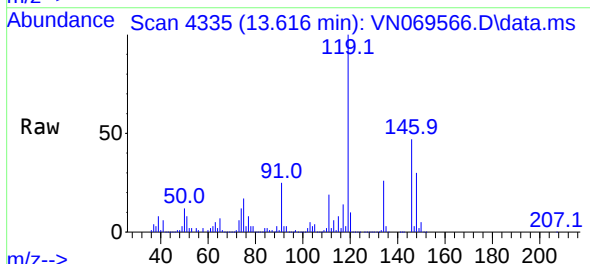
Tgt Ion:119 Resp: 2279378
Ion Ratio Lower Upper
119 100
134 25.8 13.6 40.7
91 25.2 11.4 34.1

Manual Integrations
APPROVED

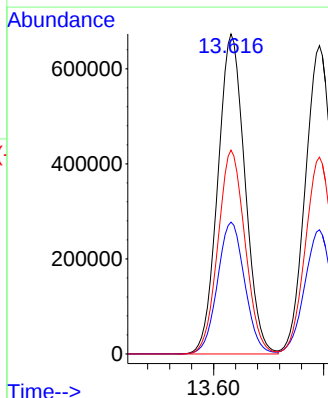
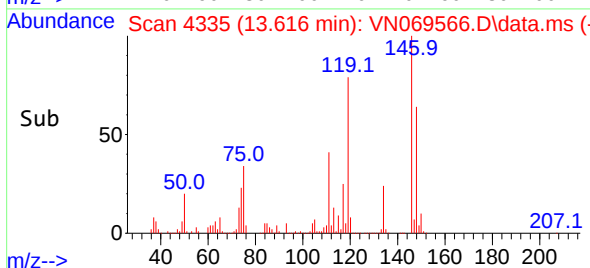
Reviewed By :John Carlone 11/19/2021
Supervised By :Semsettin Yesilyurt 11/19/2021

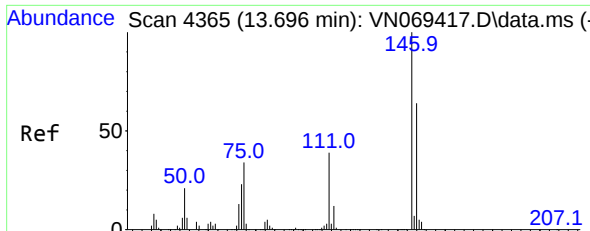


#87
1,3-Dichlorobenzene
Concen: 51.159 ug/l
RT: 13.616 min Scan# 4335
Delta R.T. -0.000 min
Lab File: VN069566.D
Acq: 18 Nov 2021 20:50



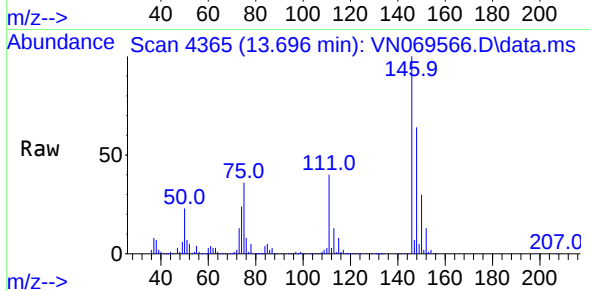
Tgt Ion:146 Resp: 1151556
Ion Ratio Lower Upper
146 100
111 41.3 18.6 55.6
148 63.8 31.6 95.0





#88
1,4-Dichlorobenzene
Concen: 50.686 ug/l
RT: 13.696 min Scan# 4365
Delta R.T. 0.000 min
Lab File: VN069566.D
Acq: 18 Nov 2021 20:50

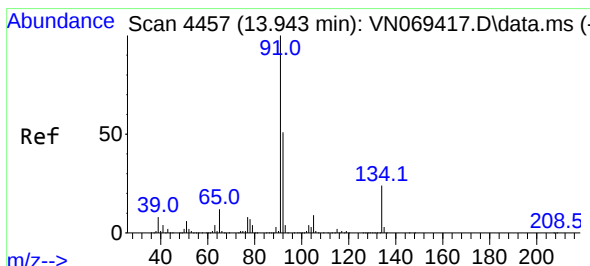
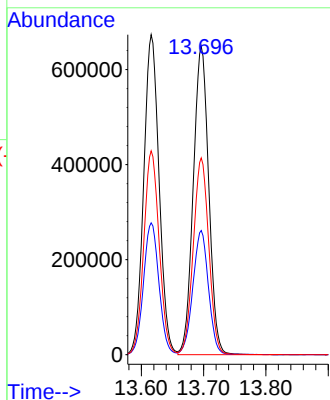
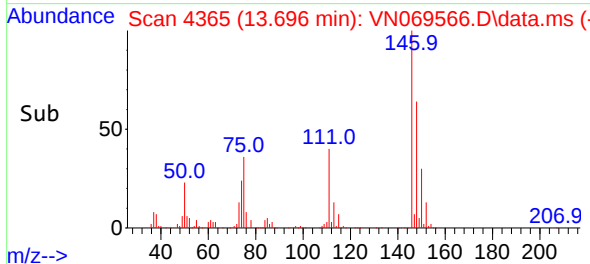
Instrument :
MSVOA_N
ClientSampleId :
GWBR3D-B-290-311-111721MSD



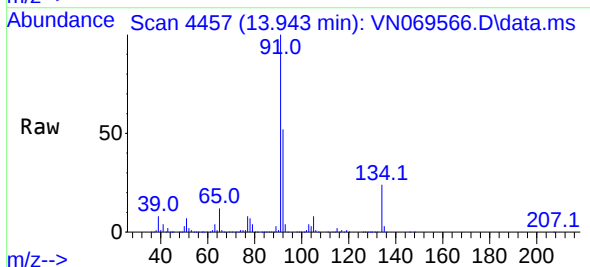
Tgt Ion:146 Resp: 111926
Ion Ratio Lower Upper
146 100
111 40.3 18.3 54.8
148 64.0 31.8 95.4

Manual Integrations
APPROVED

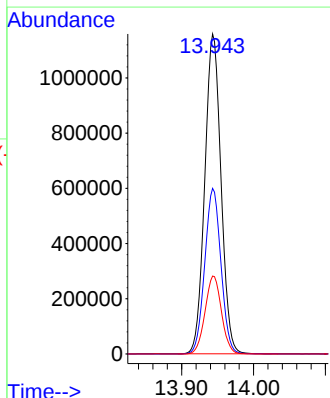
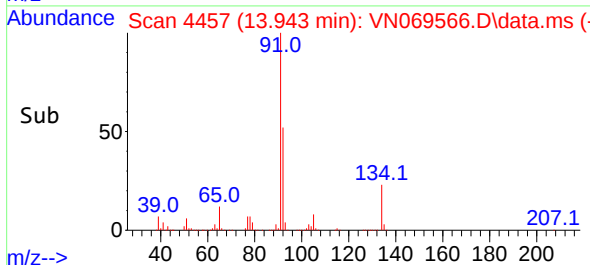
Reviewed By :John Carlone 11/19/2021
Supervised By :Semsettin Yesilyurt 11/19/2021

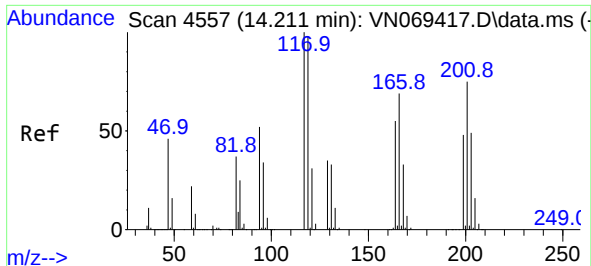


#89
n-Butylbenzene
Concen: 48.965 ug/l
RT: 13.943 min Scan# 4457
Delta R.T. 0.000 min
Lab File: VN069566.D
Acq: 18 Nov 2021 20:50



Tgt Ion: 91 Resp: 1821045
Ion Ratio Lower Upper
91 100
92 51.7 25.4 76.0
134 24.6 13.6 40.8





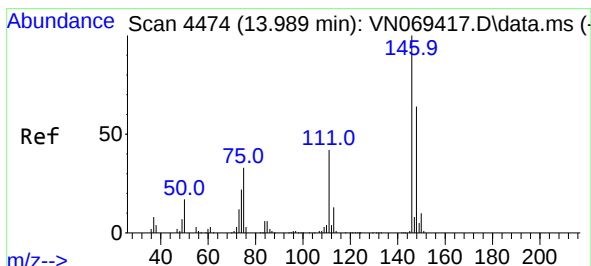
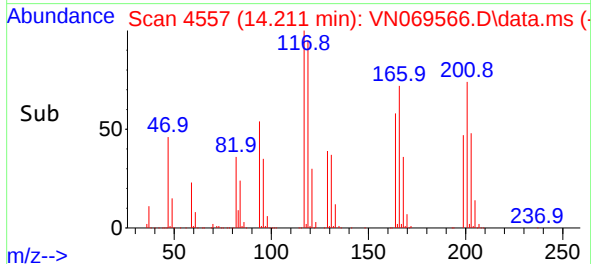
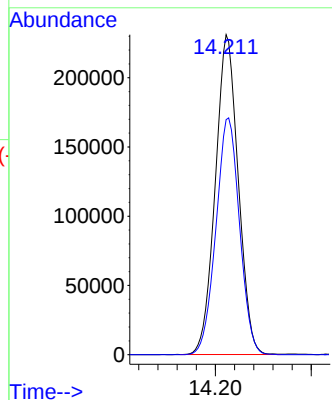
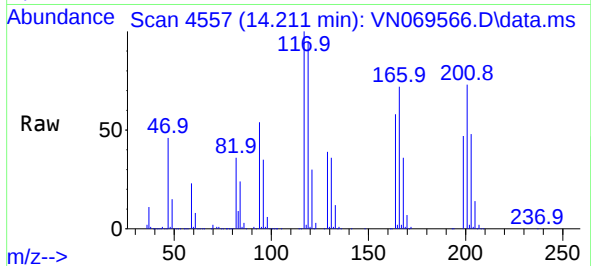
#90
Hexachloroethane
Concen: 46.814 ug/l
RT: 14.211 min Scan# 4557
Delta R.T. 0.000 min
Lab File: VN069566.D
Acq: 18 Nov 2021 20:50

Instrument :
MSVOA_N
ClientSampleId :
GWBR3D-B-290-311-111721MSD

Tgt Ion:117 Resp: 38258
Ion Ratio Lower Upper
117 100
201 76.2 43.9 131.6

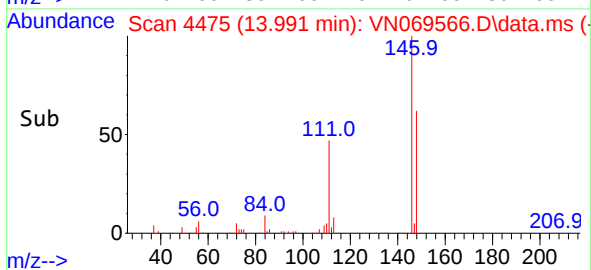
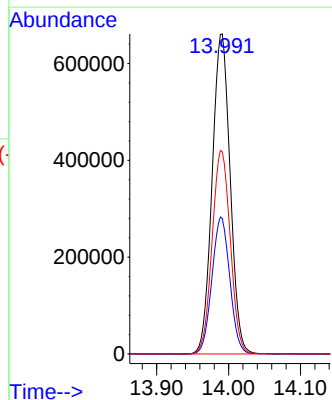
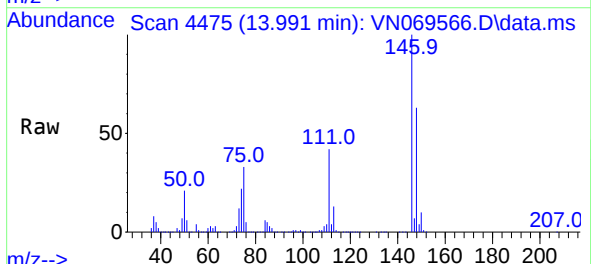
Manual Integrations
APPROVED

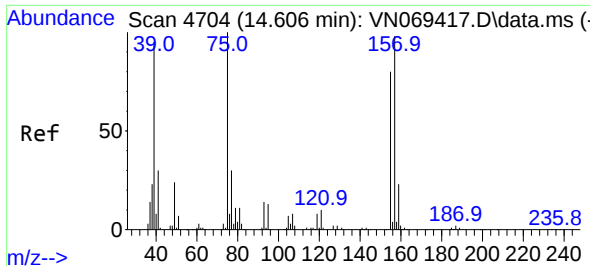
Reviewed By :John Carlone 11/19/2021
Supervised By :Semsettin Yesilyurt 11/19/2021



#91
1,2-Dichlorobenzene
Concen: 53.697 ug/l
RT: 13.991 min Scan# 4475
Delta R.T. 0.002 min
Lab File: VN069566.D
Acq: 18 Nov 2021 20:50

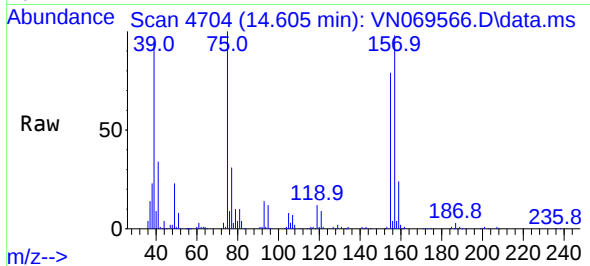
Tgt Ion:146 Resp: 1150135
Ion Ratio Lower Upper
146 100
111 42.4 19.1 57.3
148 64.2 32.1 96.3





#92
1,2-Dibromo-3-Chloropropane
Concen: 52.240 ug/l
RT: 14.605 min Scan# 41
Delta R.T. -0.001 min
Lab File: VN069566.D
Acq: 18 Nov 2021 20:50

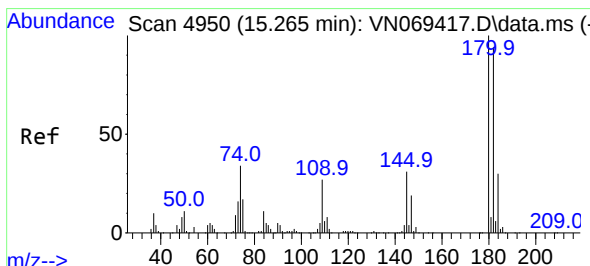
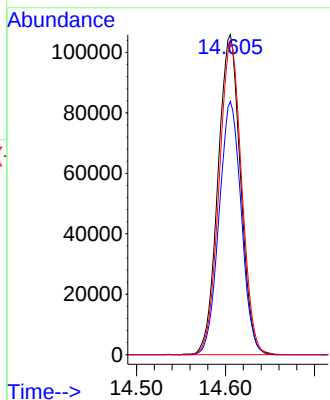
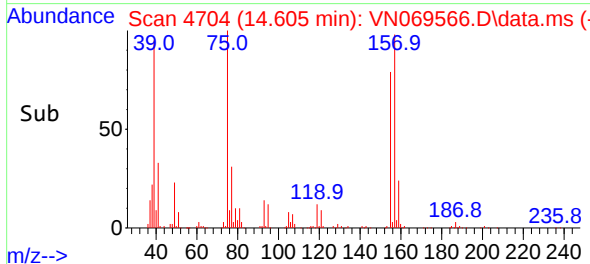
Instrument :
MSVOA_N
ClientSampleId :
GWB3D-B-290-311-111721MSD



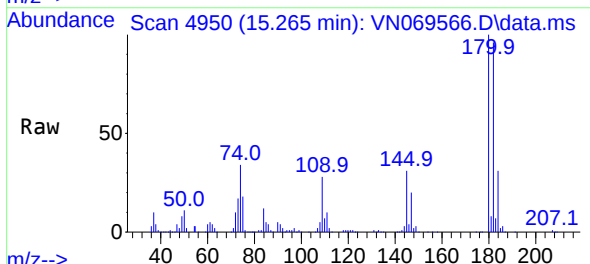
Tgt Ion: 75 Resp: 186258
Ion Ratio Lower Upper
75 100
155 77.9 46.9 140.7
157 98.0 60.6 181.7

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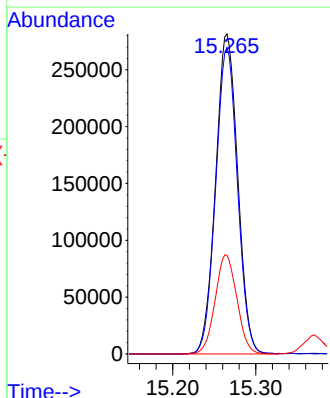
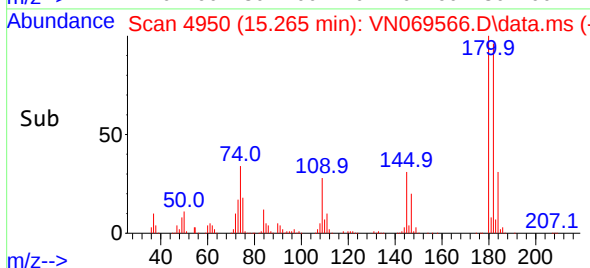
Reviewed By :John Carlone 11/19/2021
Supervised By :Semsettin Yesilyurt 11/19/2021

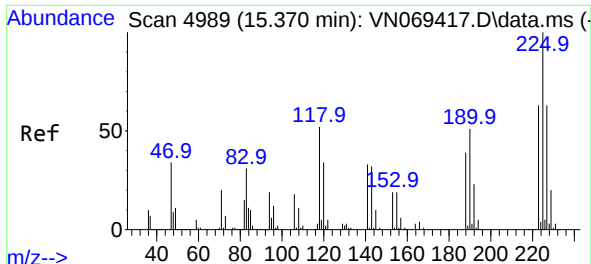


#93
1,2,4-Trichlorobenzene
Concen: 46.573 ug/l
RT: 15.265 min Scan# 4950
Delta R.T. 0.000 min
Lab File: VN069566.D
Acq: 18 Nov 2021 20:50



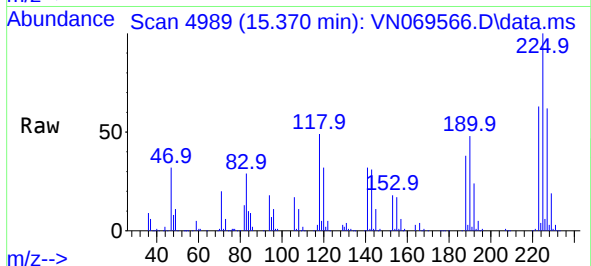
Tgt Ion:180 Resp: 520129
Ion Ratio Lower Upper
180 100
182 94.6 48.3 144.9
145 30.6 14.5 43.5





#94
Hexachlorobutadiene
Concen: 50.070 ug/l
RT: 15.370 min Scan# 4989
Delta R.T. -0.000 min
Lab File: VN069566.D
Acq: 18 Nov 2021 20:50

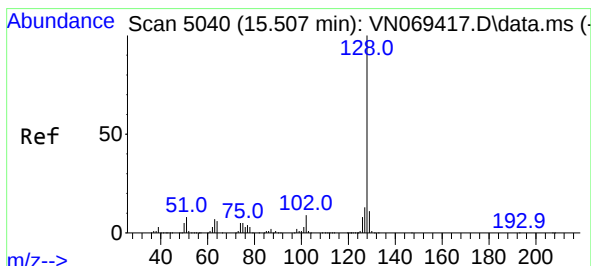
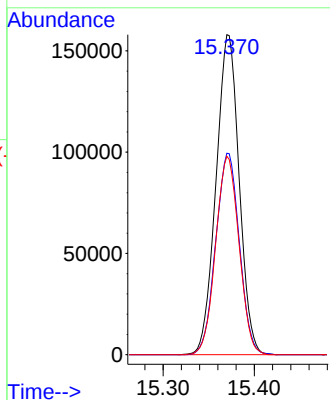
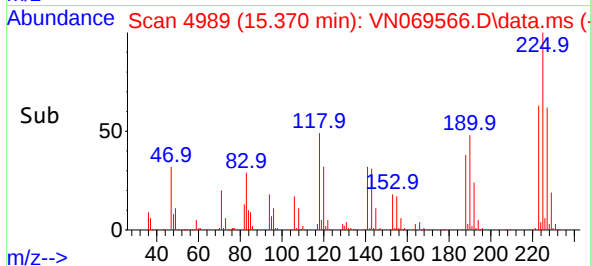
Instrument :
MSVOA_N
ClientSampleId :
GWR3D-B-290-311-111721MSD



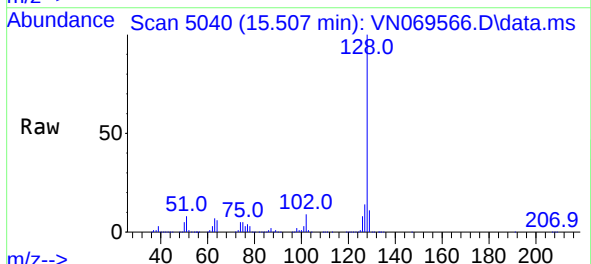
Tgt Ion:225 Resp: 278659
Ion Ratio Lower Upper
225 100
223 64.3 31.9 95.7
227 62.5 32.1 96.3

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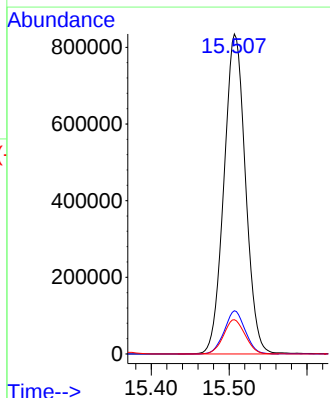
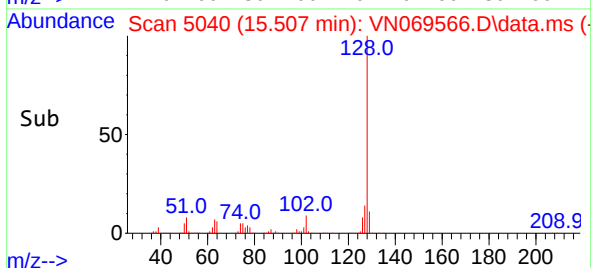
Reviewed By :John Carlone 11/19/2021
Supervised By :Semsettin Yesilyurt 11/19/2021

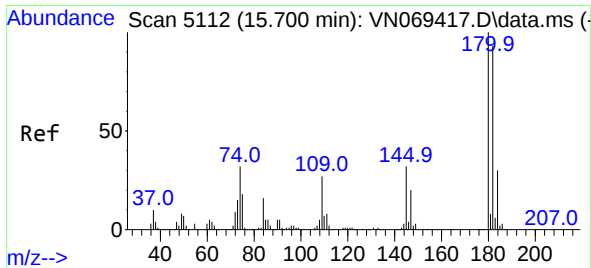


#95
Naphthalene
Concen: 50.495 ug/l
RT: 15.507 min Scan# 5040
Delta R.T. -0.000 min
Lab File: VN069566.D
Acq: 18 Nov 2021 20:50



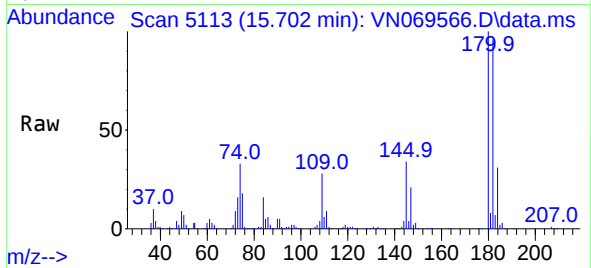
Tgt Ion:128 Resp: 1599750
Ion Ratio Lower Upper
128 100
127 13.1 10.5 15.7
129 10.8 8.7 13.1





#96
 1,2,3-Trichlorobenzene
 Concen: 49.270 ug/l
 RT: 15.702 min Scan# 5113
 Delta R.T. 0.002 min
 Lab File: VN069566.D
 Acq: 18 Nov 2021 20:50

Instrument :
 MSVOA_N
 ClientSampleId :
 GWBR3D-B-290-311-111721MSD



Tgt Ion:180 Resp: 528233
 Ion Ratio Lower Upper
 180 100
 182 94.3 47.4 142.2
 145 33.3 15.0 45.1

Manual Integrations
 APPROVED

Reviewed By :John Carlone 11/19/2021
 Supervised By :Semsettin Yesilyurt 11/19/2021

