

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110921\
 Data File : VN069416.D
 Acq On : 9 Nov 2021 10:56
 Operator : JC/MD
 Sample : VSTDIC020
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

Quant Time: Nov 09 13:45:29 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N110921W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 09 13:40:38 2021
 Response via : Initial Calibration

Manual Integrations APPROVED

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

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	942826	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1640316	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	1493820	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	638354	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	305063	28.856	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	57.720%#		
35) Dibromofluoromethane	8.024	113	208982	23.711	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	47.420%#		
50) Toluene-d8	10.443	98	811897	23.410	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	46.820%#		
62) 4-Bromofluorobenzene	12.731	95	269804	22.166	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	44.340%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.075	85	226362	26.812	ug/l	98
3) Chloromethane	2.303	50	252551	28.014	ug/l	99
4) Vinyl Chloride	2.448	62	253610	24.209	ug/l	99
5) Bromomethane	2.864	94	170175	20.181	ug/l	99
6) Chloroethane	3.022	64	172024	23.974	ug/l	100
7) Trichlorofluoromethane	3.379	101	402082	21.546	ug/l	98
8) Diethyl Ether	3.824	74	124346	26.366	ug/l	85
9) 1,1,2-Trichlorotrifluo...	4.207	101	183503	24.940	ug/l	93
10) Methyl Iodide	4.419	142	218542	23.608	ug/l	96
11) Tert butyl alcohol	5.379	59	256636	136.099	ug/l #	84
12) 1,1-Dichloroethene	4.181	96	167228	24.642	ug/l	92
13) Acrolein	4.046	56	33487	96.188	ug/l	99
14) Allyl chloride	4.840	41	358801	28.587	ug/l	96
15) Acrylonitrile	5.559	53	691307	144.008	ug/l	99
16) Acetone	4.291	43	810772	150.826	ug/l	96
17) Carbon Disulfide	4.529	76	362879	23.556	ug/l	96
18) Methyl Acetate	4.859	43	517148	28.841	ug/l	92
19) Methyl tert-butyl Ether	5.621	73	704100	26.262	ug/l	98
20) Methylene Chloride	5.092	84	216631	23.875	ug/l #	87
21) trans-1,2-Dichloroethene	5.599	96	181629	24.288	ug/l	89
22) Diisopropyl ether	6.500	45	801501	29.899	ug/l	94
23) Vinyl Acetate	6.436	43	3073869	148.715	ug/l	95
24) 1,1-Dichloroethane	6.388	63	403127	27.335	ug/l	99
25) 2-Butanone	7.340	43	1097406	154.009	ug/l	92
26) 2,2-Dichloropropane	7.327	77	309684	25.043	ug/l	98
27) cis-1,2-Dichloroethene	7.327	96	224668	24.189	ug/l	88
28) Bromochloromethane	7.659	49	170464	21.918	ug/l #	78
29) Tetrahydrofuran	7.689	42	687782	155.633	ug/l	90
30) Chloroform	7.820	83	413678	25.931	ug/l	99
31) Cyclohexane	8.094	56	391893	26.103	ug/l	89
32) 1,1,1-Trichloroethane	8.016	97	343540	25.070	ug/l	96
36) 1,1-Dichloropropene	8.225	75	288815	23.244	ug/l	96
37) Ethyl Acetate	7.415	43	408772	27.221	ug/l	94
38) Carbon Tetrachloride	8.209	117	276692	22.085	ug/l	98
39) Methylcyclohexane	9.461	83	344693	22.054	ug/l	92
40) Benzene	8.461	78	903557	23.629	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.640	41	206846	28.602	ug/l	86
42) 1,2-Dichloroethane	8.531	62	357505	25.155	ug/l	97
43) Isopropyl Acetate	8.563	43	642076	27.462	ug/l	93
44) Trichloroethene	9.217	130	213088	21.339	ug/l	90
45) 1,2-Dichloropropane	9.491	63	243289	24.618	ug/l	98
46) Dibromomethane	9.579	93	158979	23.068	ug/l	91
47) Bromodichloromethane	9.762	83	301440	23.964	ug/l	99
48) Methyl methacrylate	9.561	41	310779	29.417	ug/l	83
49) 1,4-Dioxane	9.571	88	107279	467.456	ug/l	92
51) 4-Methyl-2-Pentanone	10.333	43	2124811	139.996	ug/l	94
52) Toluene	10.507	92	557662	22.775	ug/l	100
53) t-1,3-Dichloropropene	10.719	75	301672	23.174	ug/l	98
54) cis-1,3-Dichloropropene	10.191	75	333556	23.367	ug/l #	88
55) 1,1,2-Trichloroethane	10.899	97	228550	23.074	ug/l	98
56) Ethyl methacrylate	10.762	69	365695	24.390	ug/l	86
57) 1,3-Dichloropropane	11.046	76	397728	23.969	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.043	63	388312	117.597	ug/l	92
59) 2-Hexanone	11.087	43	1522867	135.162	ug/l	94
60) Dibromochloromethane	11.240	129	205029	21.966	ug/l	99
61) 1,2-Dibromoethane	11.347	107	227685	22.611	ug/l	99
64) Tetrachloroethene	10.977	164	185577	20.186	ug/l	93
65) Chlorobenzene	11.771	112	585727	22.007	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.840	131	207728	22.195	ug/l	99
67) Ethyl Benzene	11.846	91	1096548	23.484	ug/l	95
68) m/p-Xylenes	11.953	106	799075	49.433	ug/l	93
69) o-Xylene	12.280	106	401230	22.793	ug/l	93
70) Styrene	12.296	104	631954	22.756	ug/l	96
71) Bromoform	12.457	173	134769	19.988	ug/l #	99
73) Isopropylbenzene	12.581	105	1059899	23.151	ug/l	98
74) N-amyl acetate	12.390	43	439619	26.945	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.827	83	355105	24.027	ug/l	99
76) 1,2,3-Trichloropropane	12.881	75	297801m	21.648	ug/l	
77) Bromobenzene	12.862	156	235505	20.822	ug/l	80
78) n-propylbenzene	12.921	91	1174526	23.604	ug/l	96
79) 2-Chlorotoluene	13.010	91	725273	23.527	ug/l	93
80) 1,3,5-Trimethylbenzene	13.061	105	859354	23.518	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.626	75	77864	22.310	ug/l	85
82) 4-Chlorotoluene	13.106	91	690546	23.646	ug/l	93
83) tert-Butylbenzene	13.323	119	753017	22.472	ug/l	93
84) 1,2,4-Trimethylbenzene	13.369	105	835367	23.623	ug/l	98
85) sec-Butylbenzene	13.503	105	1039911	23.249	ug/l	98
86) p-Isopropyltoluene	13.618	119	821102	22.631	ug/l	97
87) 1,3-Dichlorobenzene	13.616	146	404922	20.943	ug/l	97
88) 1,4-Dichlorobenzene	13.694	146	400278	20.902	ug/l	97
89) n-Butylbenzene	13.943	91	645671	22.742	ug/l	98
90) Hexachloroethane	14.211	117	131518	22.510	ug/l	81
91) 1,2-Dichlorobenzene	13.989	146	406957	21.450	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.605	75	61275	25.971	ug/l	79
93) 1,2,4-Trichlorobenzene	15.265	180	161184	18.639	ug/l	97
94) Hexachlorobutadiene	15.370	225	100951	18.779	ug/l	98
95) Naphthalene	15.507	128	436847	18.657	ug/l	100
96) 1,2,3-Trichlorobenzene	15.702	180	156681	18.410	ug/l	95

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ClientSampleId :
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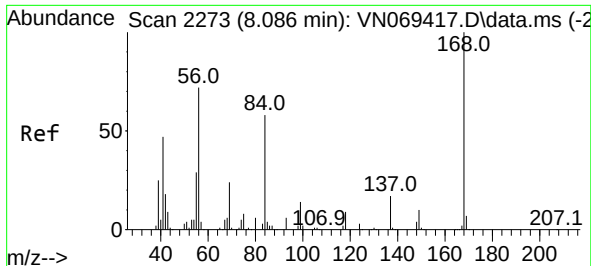
Manual Integrations
APPROVED

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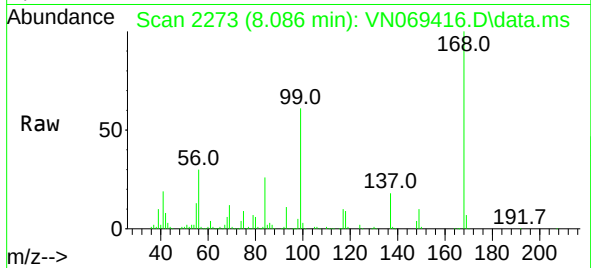
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.000 min
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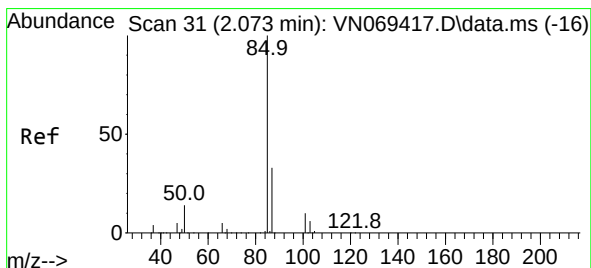
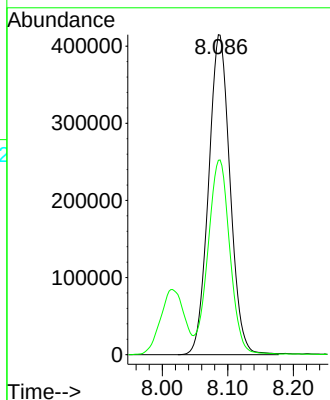
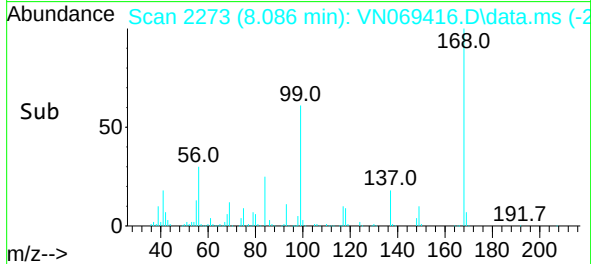
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



Tgt Ion:168 Resp: 942820
Ion Ratio Lower Upper
168 100
99 60.5 41.3 61.9

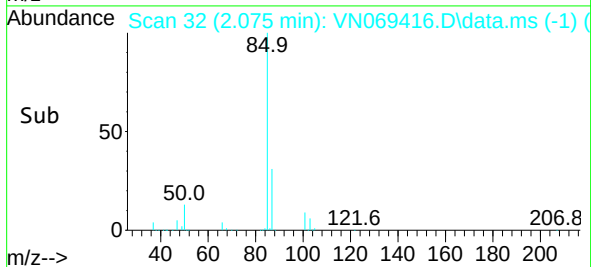
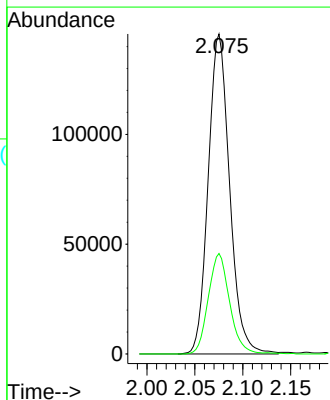
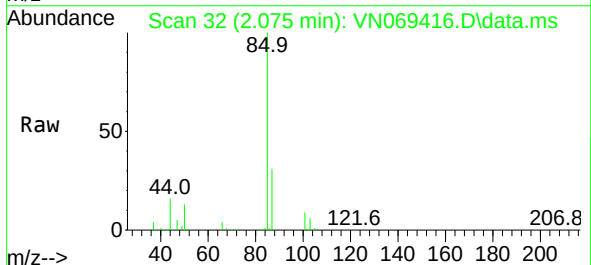
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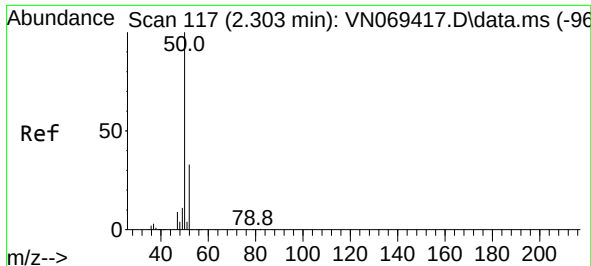
Reviewed By :John Carlone 11/10/2021
Supervised By :Semsettin Yesilyurt 11/17/2021



#2
Dichlorodifluoromethane
Concen: 26.812 ug/l
RT: 2.075 min Scan# 32
Delta R.T. 0.002 min
Lab File: VN069416.D
Acq: 9 Nov 2021 10:56

Tgt Ion: 85 Resp: 226362
Ion Ratio Lower Upper
85 100
87 31.4 16.3 48.9





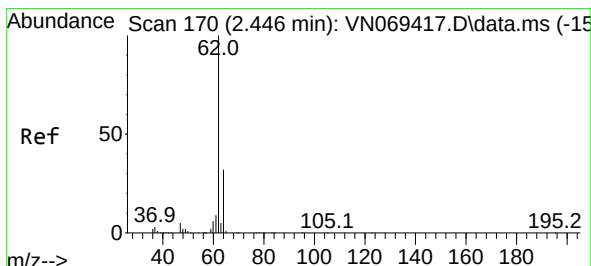
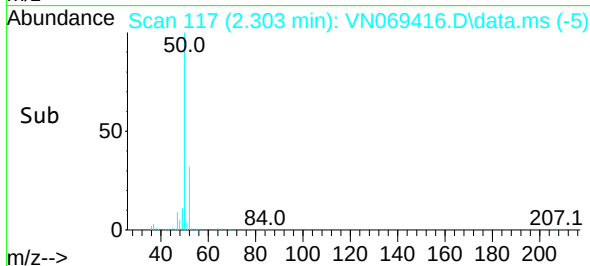
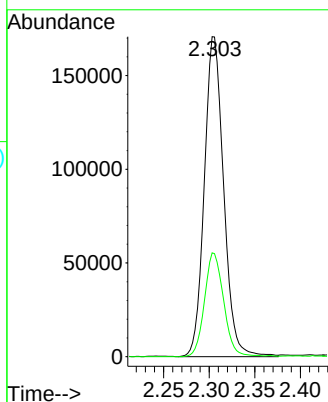
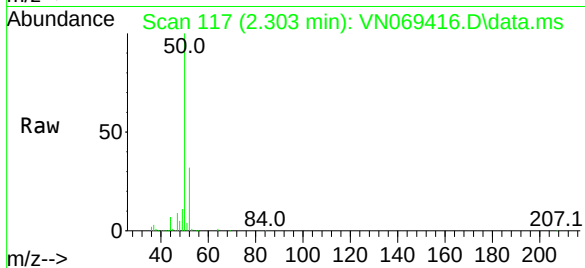
#3
Chloromethane
Concen: 28.014 ug/l
RT: 2.303 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN069416.D
Acq: 9 Nov 2021 10:56

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Tgt Ion: 50 Resp: 25255
Ion Ratio Lower Upper
50 100
52 32.5 25.4 38.0

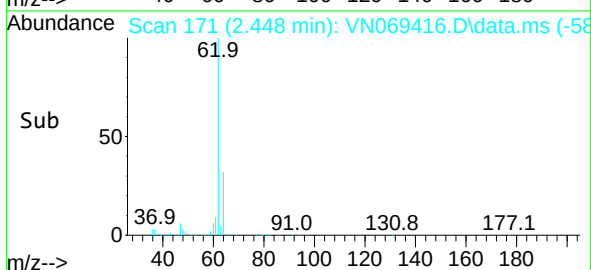
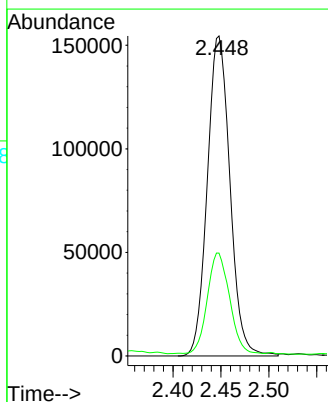
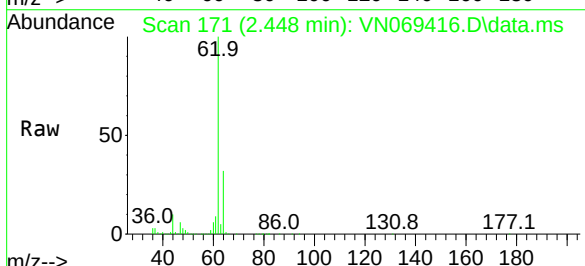
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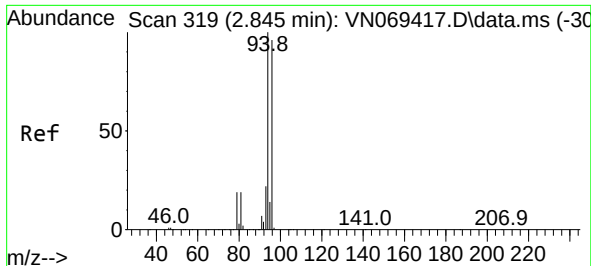
Reviewed By :John Carlone 11/10/2021
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#4
Vinyl Chloride
Concen: 24.209 ug/l
RT: 2.448 min Scan# 171
Delta R.T. 0.002 min
Lab File: VN069416.D
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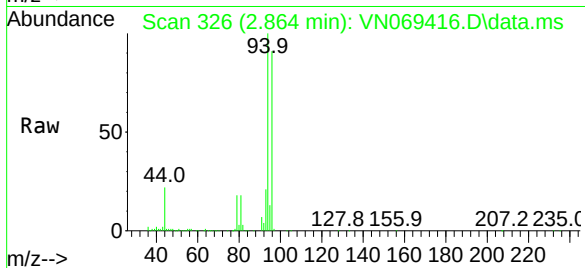
Tgt Ion: 62 Resp: 253610
Ion Ratio Lower Upper
62 100
64 31.5 25.8 38.6





#5
Bromomethane
Concen: 20.181 ug/l
RT: 2.864 min Scan# 319
Delta R.T. 0.019 min
Lab File: VN069416.D
Acq: 9 Nov 2021 10:56

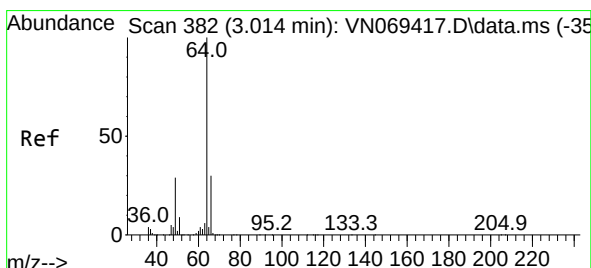
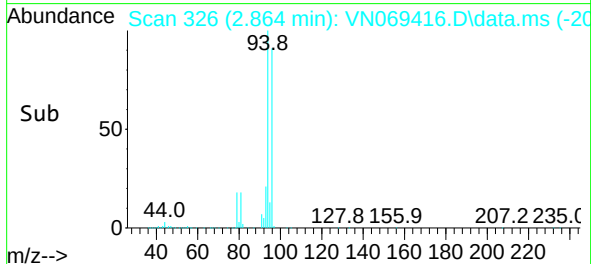
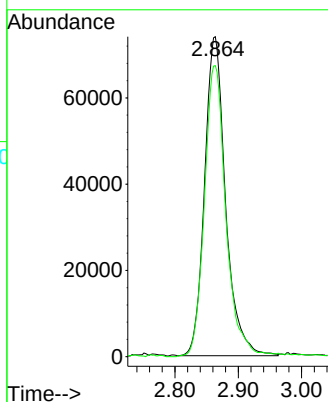
Instrument :
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Tgt Ion: 94 Resp: 170175
Ion Ratio Lower Upper
94 100
96 91.0 73.8 110.8

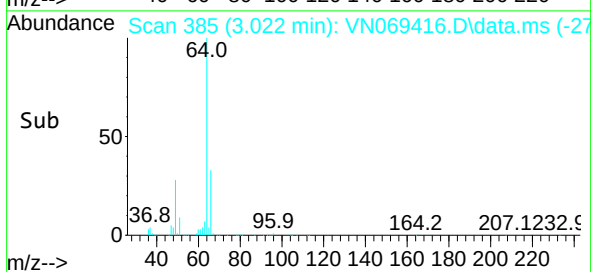
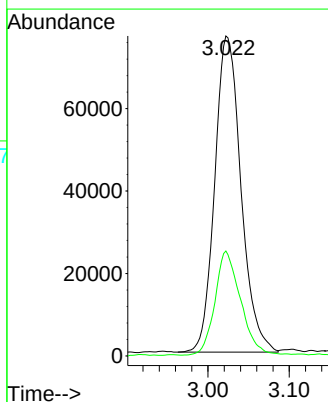
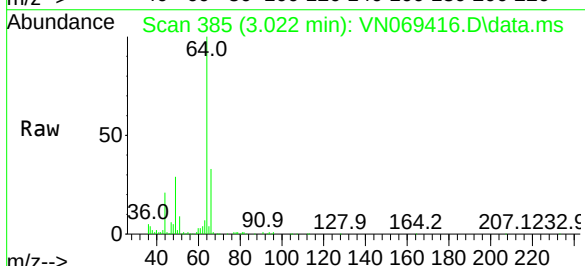
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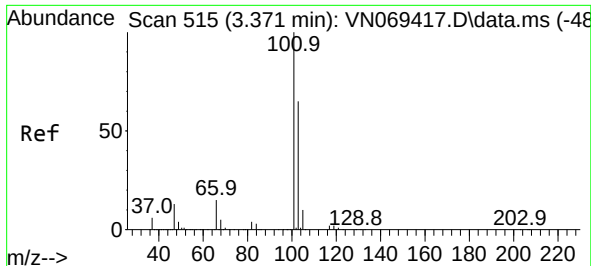
Reviewed By :John Carlone 11/10/2021
Supervised By :Semsettin Yesilyurt 11/17/2021



#6
Chloroethane
Concen: 23.974 ug/l
RT: 3.022 min Scan# 385
Delta R.T. 0.008 min
Lab File: VN069416.D
Acq: 9 Nov 2021 10:56

Tgt Ion: 64 Resp: 172024
Ion Ratio Lower Upper
64 100
66 32.9 26.3 39.5





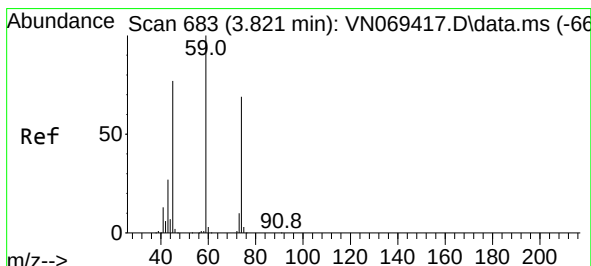
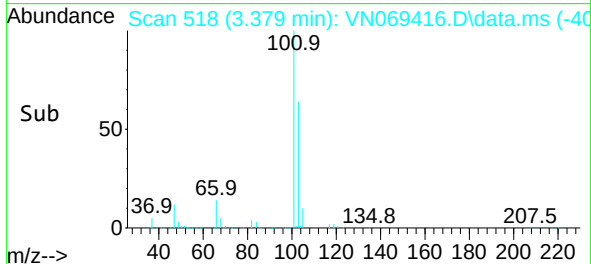
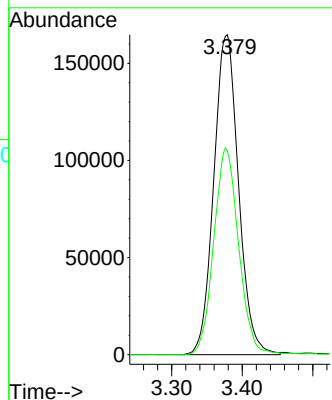
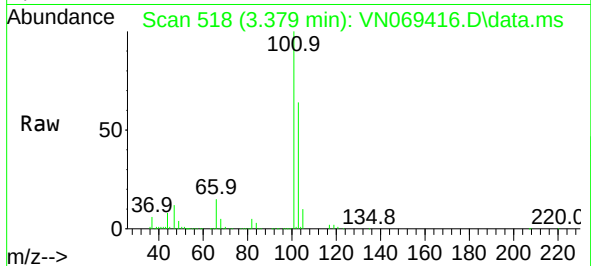
#7
 Trichlorofluoromethane
 Concen: 21.546 ug/l
 RT: 3.379 min Scan# 515
 Delta R.T. 0.008 min
 Lab File: VN069416.D
 Acq: 9 Nov 2021 10:56

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

Tgt Ion:101 Resp: 40208
 Ion Ratio Lower Upper
 101 100
 103 63.8 50.1 75.1

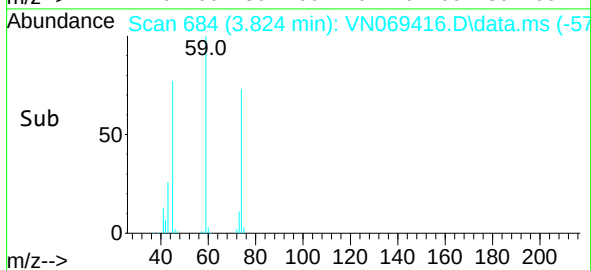
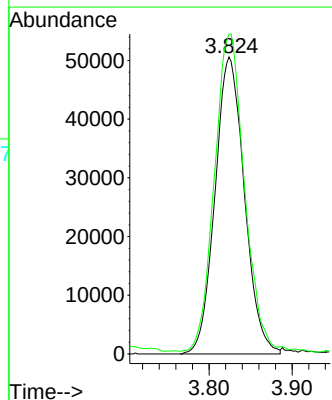
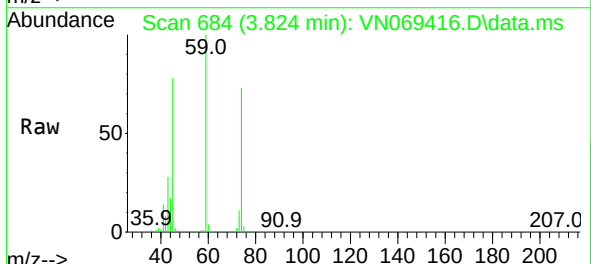
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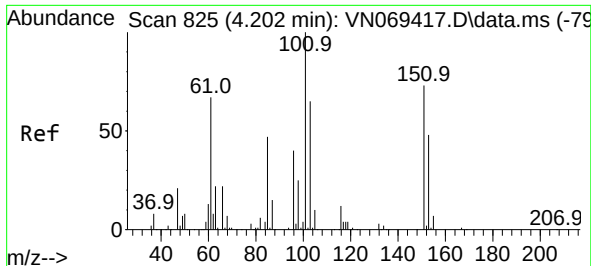
Reviewed By :John Carlone 11/10/2021
 Supervised By :Semsettin Yesilyurt 11/17/2021



#8
 Diethyl Ether
 Concen: 26.366 ug/l
 RT: 3.824 min Scan# 684
 Delta R.T. 0.002 min
 Lab File: VN069416.D
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Tgt Ion: 74 Resp: 124346
 Ion Ratio Lower Upper
 74 100
 45 108.5 47.0 141.2





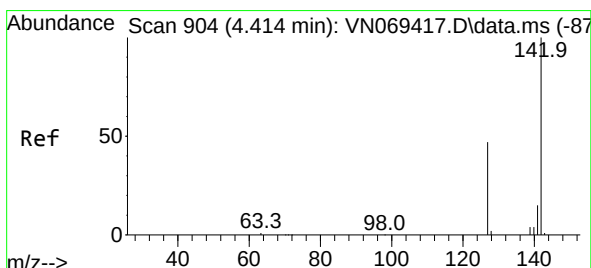
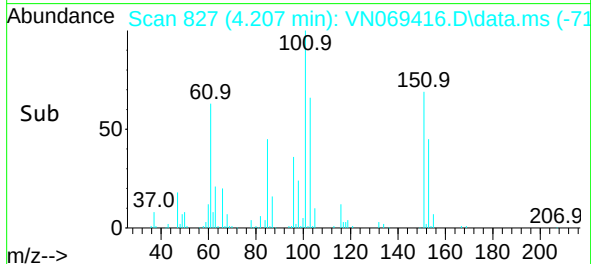
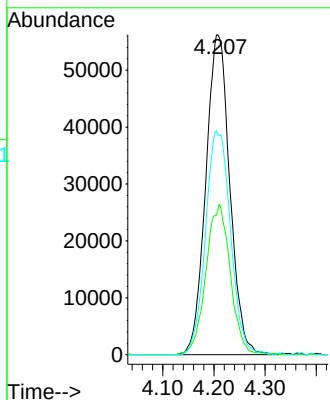
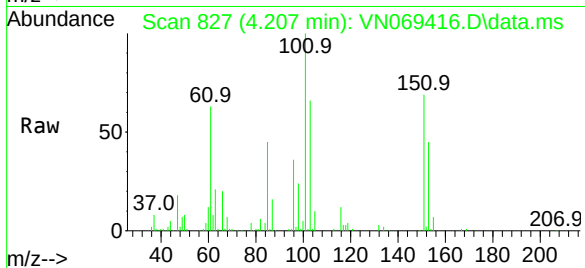
#9
1,1,2-Trichlorotrifluoroethane
Concen: 24.940 ug/l
RT: 4.207 min Scan# 81
Delta R.T. 0.005 min
Lab File: VN069416.D
Acq: 9 Nov 2021 10:56

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion:101 Resp: 18350
Ion Ratio Lower Upper
101 100
85 47.4 37.2 55.8
151 72.6 65.9 98.9

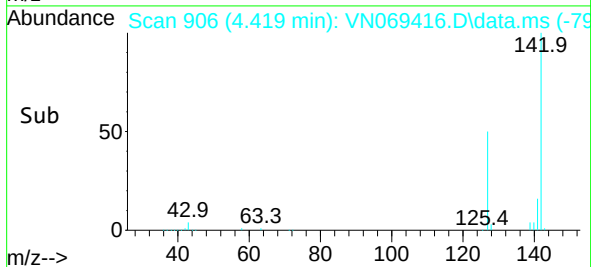
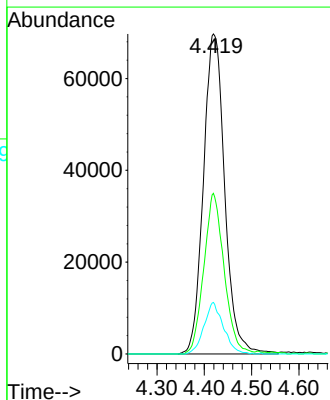
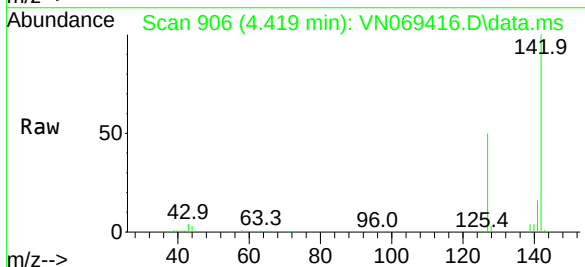
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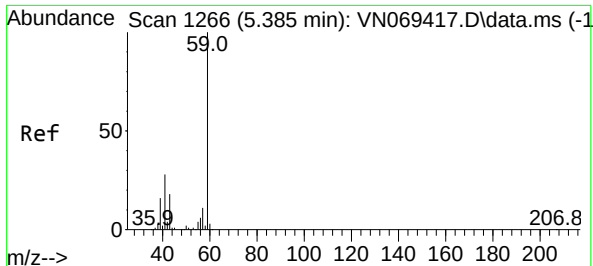
Reviewed By :John Carlone 11/10/2021
Supervised By :Semsettin Yesilyurt 11/17/2021



#10
Methyl Iodide
Concen: 23.608 ug/l
RT: 4.419 min Scan# 906
Delta R.T. 0.005 min
Lab File: VN069416.D
Acq: 9 Nov 2021 10:56

Tgt Ion:142 Resp: 218542
Ion Ratio Lower Upper
142 100
127 47.8 35.4 53.0
141 14.7 11.6 17.4





#11

Tert butyl alcohol

Concen: 136.099 ug/l

RT: 5.379 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN069416.D

Acq: 9 Nov 2021 10:56

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

Tgt Ion: 59 Resp: 256630

Ion Ratio Lower Upper

59 100

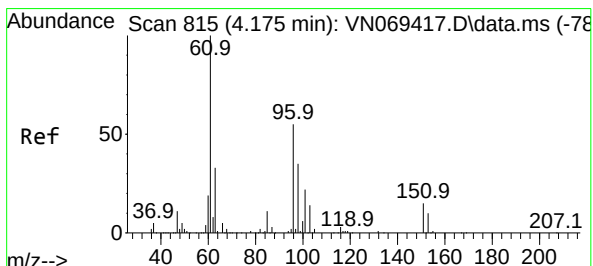
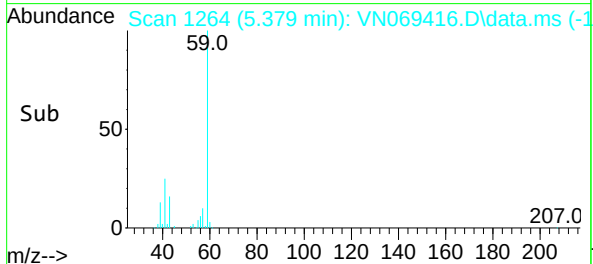
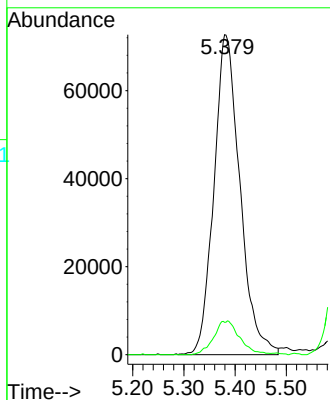
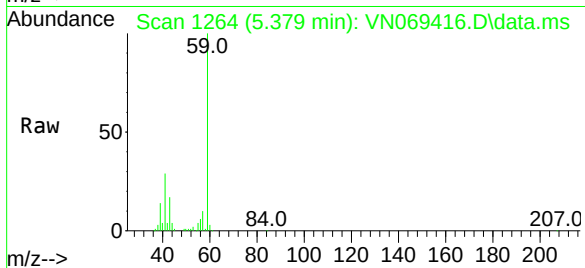
57 4.7 8.7 13.1

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Reviewed By :John Carlone 11/10/2021

Supervised By :Semsettin Yesilyurt 11/17/2021



#12

1,1-Dichloroethene

Concen: 24.642 ug/l

RT: 4.181 min Scan# 817

Delta R.T. 0.005 min

Lab File: VN069416.D

Acq: 9 Nov 2021 10:56

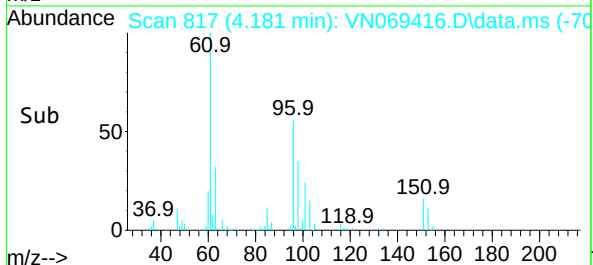
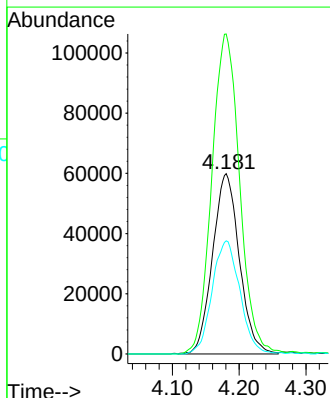
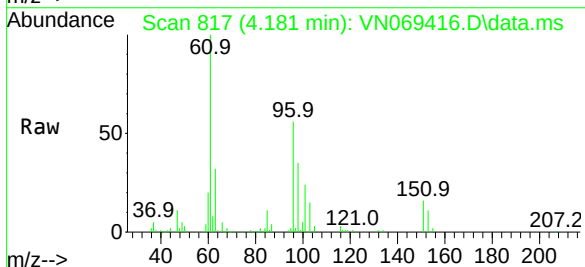
Tgt Ion: 96 Resp: 167228

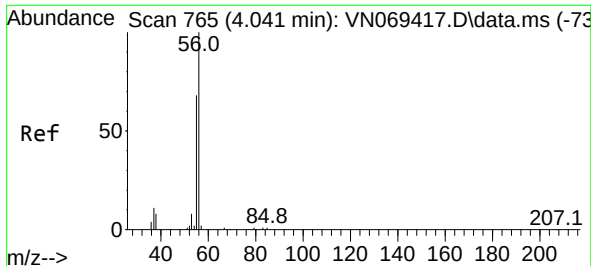
Ion Ratio Lower Upper

96 100

61 177.5 131.0 196.6

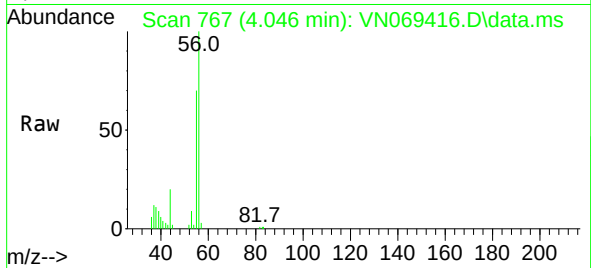
98 62.7 52.4 78.6





#13
Acrolein
Concen: 96.188 ug/l
RT: 4.046 min Scan# 765
Delta R.T. 0.005 min
Lab File: VN069416.D
Acq: 9 Nov 2021 10:56

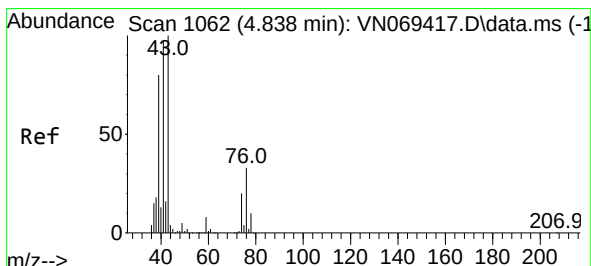
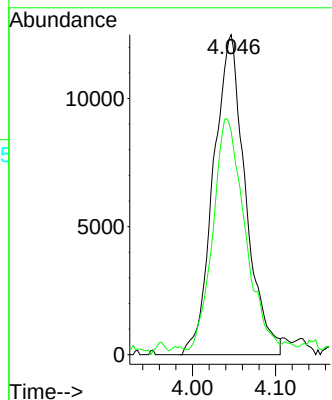
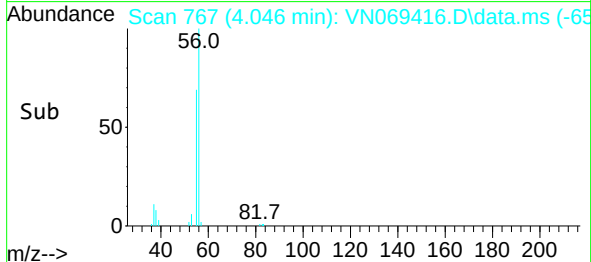
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



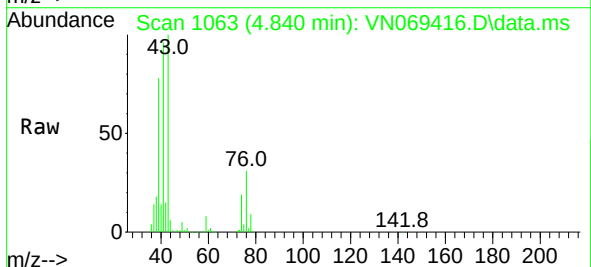
Tgt Ion: 56 Resp: 3348
Ion Ratio Lower Upper
56 100
55 71.7 56.6 85.0

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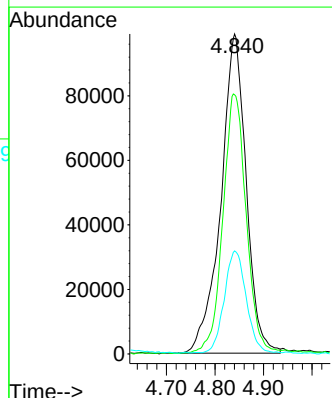
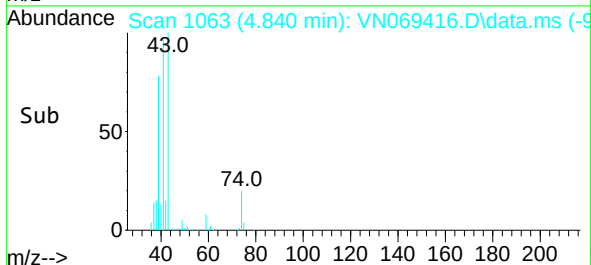
Reviewed By :John Carlone 11/10/2021
Supervised By :Semsettin Yesilyurt 11/17/2021

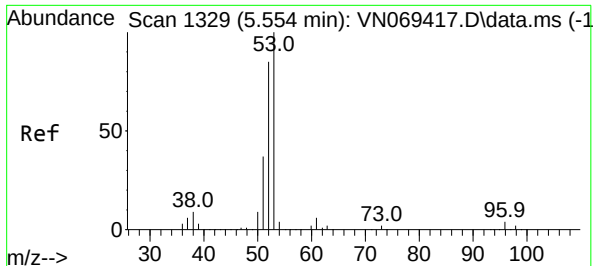


#14
Allyl chloride
Concen: 28.587 ug/l
RT: 4.840 min Scan# 1063
Delta R.T. 0.002 min
Lab File: VN069416.D
Acq: 9 Nov 2021 10:56



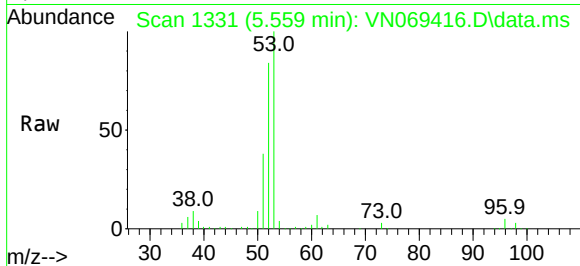
Tgt Ion: 41 Resp: 358801
Ion Ratio Lower Upper
41 100
39 74.8 61.2 91.8
76 27.3 26.0 39.0





#15
Acrylonitrile
Concen: 144.008 ug/l
RT: 5.559 min Scan# 11
Delta R.T. 0.005 min
Lab File: VN069416.D
Acq: 9 Nov 2021 10:56

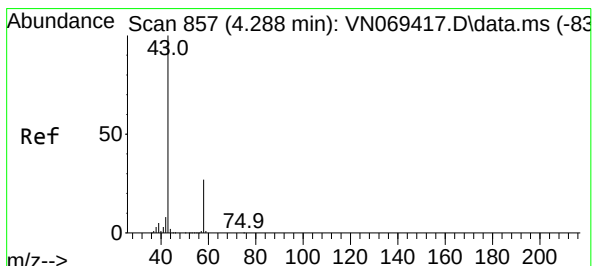
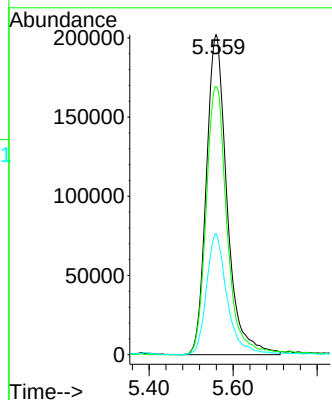
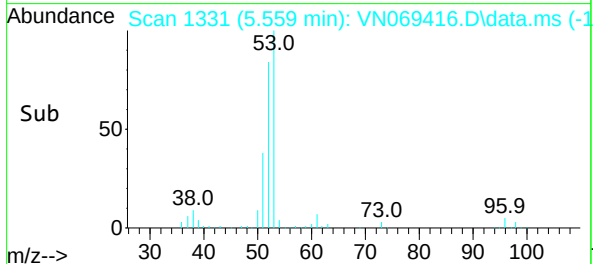
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



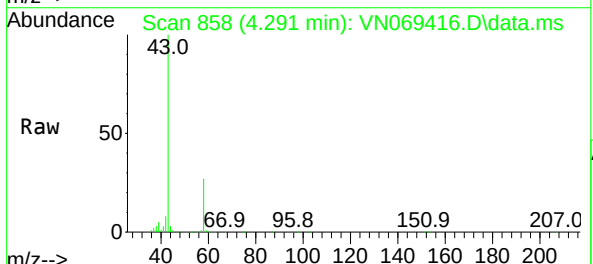
Tgt Ion: 53 Resp: 69130
Ion Ratio Lower Upper
53 100
52 84.1 66.2 99.2
51 37.5 29.6 44.4

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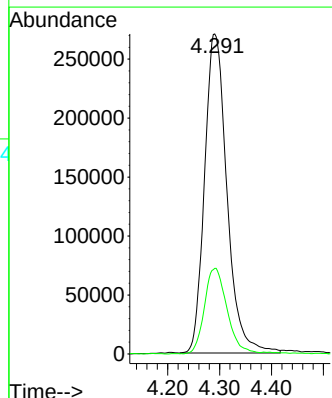
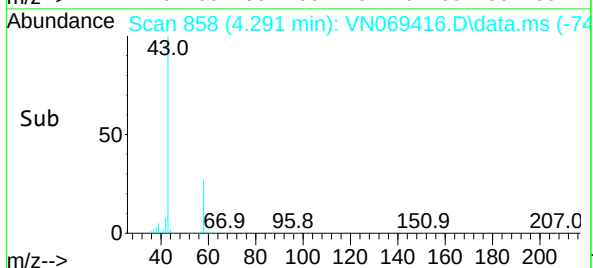
Reviewed By :John Carlone 11/10/2021
Supervised By :Semsettin Yesilyurt 11/17/2021

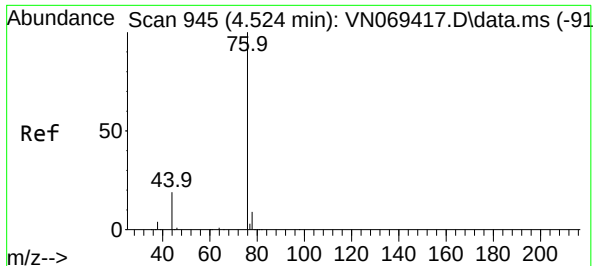


#16
Acetone
Concen: 150.826 ug/l
RT: 4.291 min Scan# 858
Delta R.T. 0.002 min
Lab File: VN069416.D
Acq: 9 Nov 2021 10:56



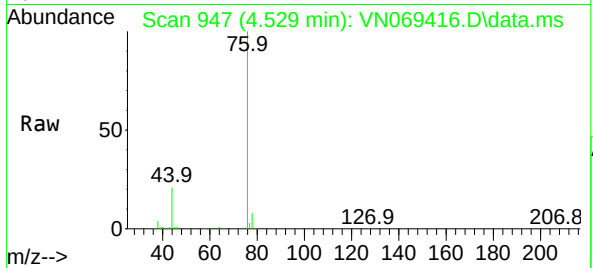
Tgt Ion: 43 Resp: 810772
Ion Ratio Lower Upper
43 100
58 26.7 23.1 34.7





#17
Carbon Disulfide
Concen: 23.556 ug/l
RT: 4.529 min Scan# 945
Delta R.T. 0.005 min
Lab File: VN069416.D
Acq: 9 Nov 2021 10:56

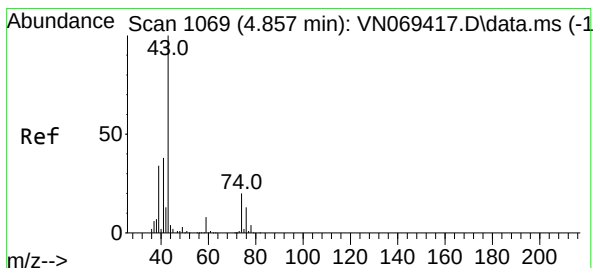
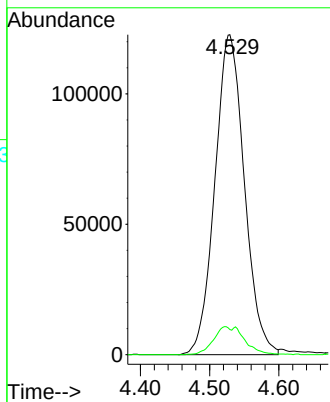
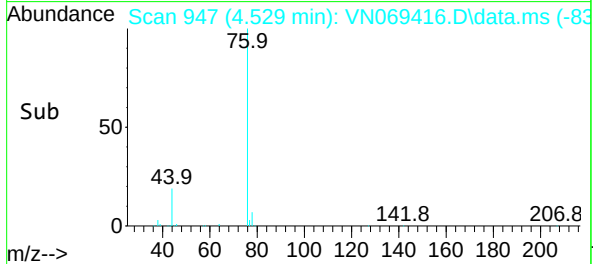
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



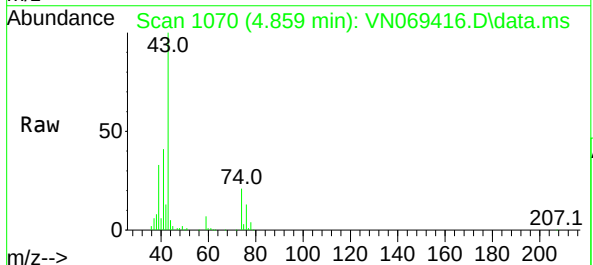
Tgt Ion: 76 Resp: 362879
Ion Ratio Lower Upper
76 100
78 7.8 7.5 11.3

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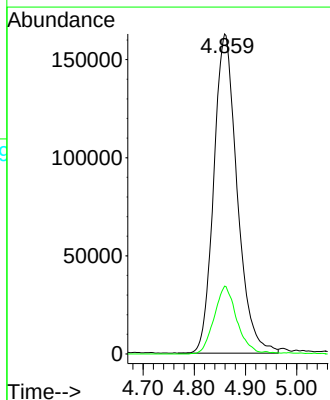
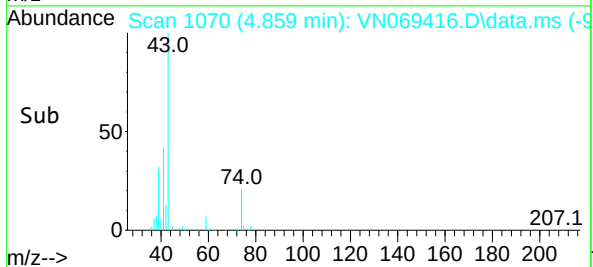
Reviewed By :John Carlone 11/10/2021
Supervised By :Semsettin Yesilyurt 11/17/2021

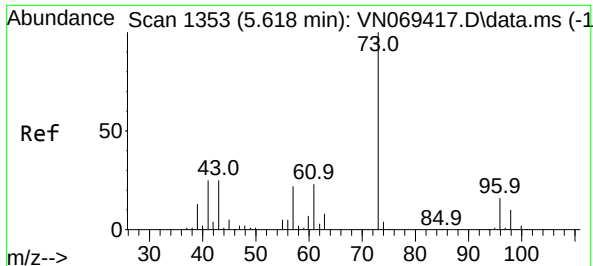


#18
Methyl Acetate
Concen: 28.841 ug/l
RT: 4.859 min Scan# 1070
Delta R.T. 0.002 min
Lab File: VN069416.D
Acq: 9 Nov 2021 10:56



Tgt Ion: 43 Resp: 517148
Ion Ratio Lower Upper
43 100
74 20.4 19.4 29.2





#19

Methyl tert-butyl Ether

Concen: 26.262 ug/l

RT: 5.621 min Scan# 11354

Delta R.T. 0.002 min

Lab File: VN069416.D

Acq: 9 Nov 2021 10:56

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

Tgt Ion: 73 Resp: 704100

Ion Ratio Lower Upper

73 100

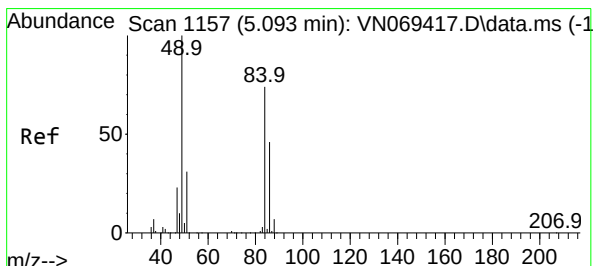
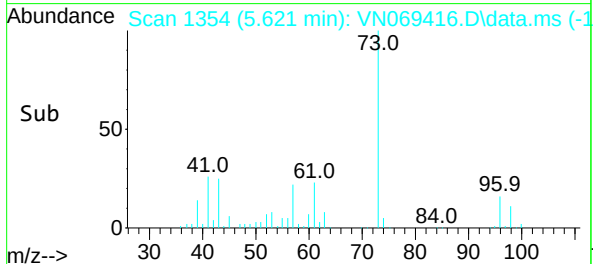
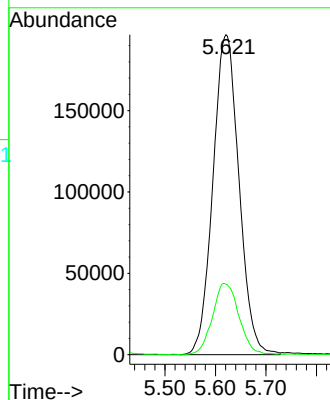
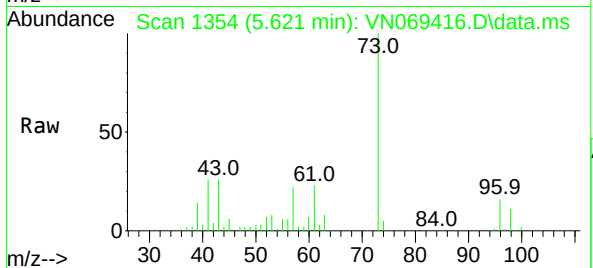
57 22.0 16.8 25.2

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Reviewed By :John Carlone 11/10/2021

Supervised By :Semsettin Yesilyurt 11/17/2021



#20

Methylene Chloride

Concen: 23.875 ug/l

RT: 5.092 min Scan# 1157

Delta R.T. -0.000 min

Lab File: VN069416.D

Acq: 9 Nov 2021 10:56

Tgt Ion: 84 Resp: 216631

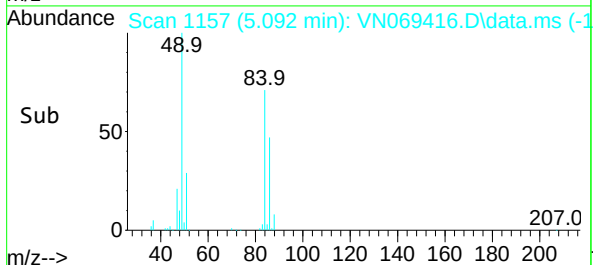
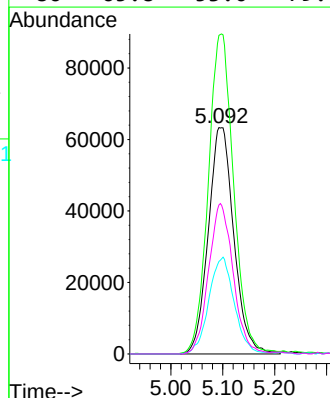
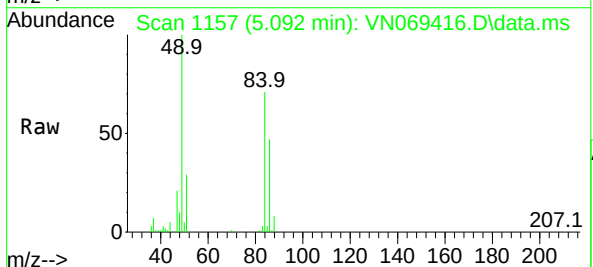
Ion Ratio Lower Upper

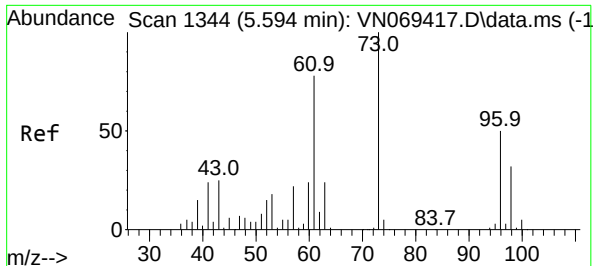
84 100

49 140.5 93.5 140.3#

51 40.8 29.4 44.2

86 65.8 53.0 79.4





#21

trans-1,2-Dichloroethene

Concen: 24.288 ug/l

RT: 5.599 min Scan# 1

Delta R.T. 0.005 min

Lab File: VN069416.D

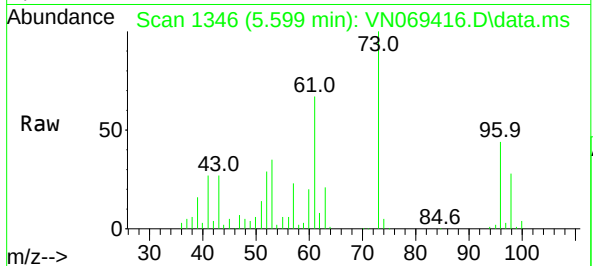
Acq: 9 Nov 2021 10:56

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020



Tgt Ion: 96 Resp: 181629

Ion Ratio Lower Upper

96 100

61 150.8 105.8 158.6

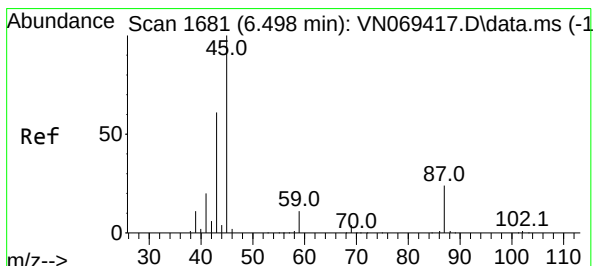
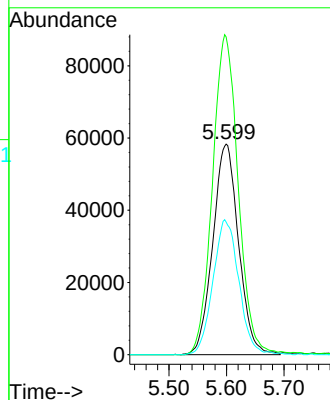
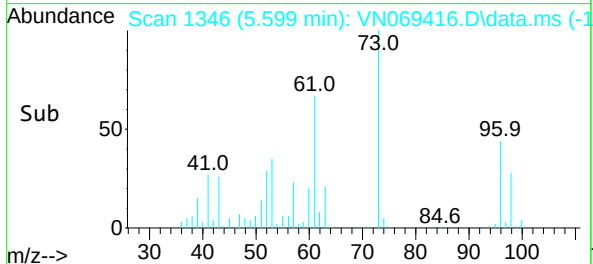
98 63.0 52.0 78.0

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Reviewed By :John Carlone 11/10/2021

Supervised By :Semsettin Yesilyurt 11/17/2021



#22

Diisopropyl ether

Concen: 29.899 ug/l

RT: 6.500 min Scan# 1682

Delta R.T. 0.002 min

Lab File: VN069416.D

Acq: 9 Nov 2021 10:56

Tgt Ion: 45 Resp: 801501

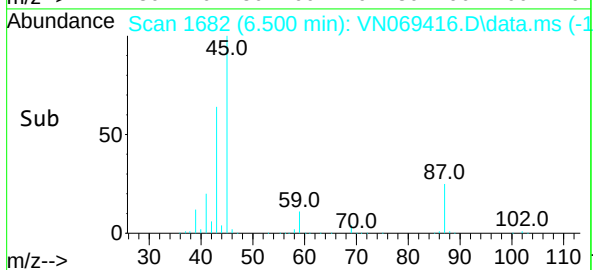
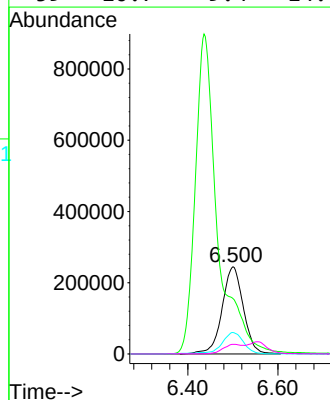
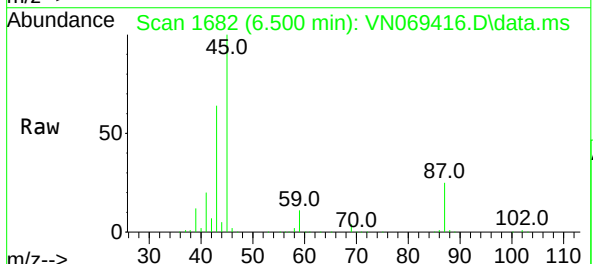
Ion Ratio Lower Upper

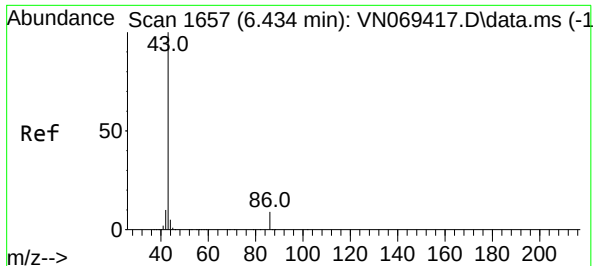
45 100

43 60.8 51.7 77.5

87 24.5 23.2 34.8

59 10.7 9.4 14.0





#23
 Vinyl Acetate
 Concen: 148.715 ug/l
 RT: 6.436 min Scan# 1657
 Delta R.T. 0.002 min
 Lab File: VN069416.D
 Acq: 9 Nov 2021 10:56

Instrument :

MSVOA_N

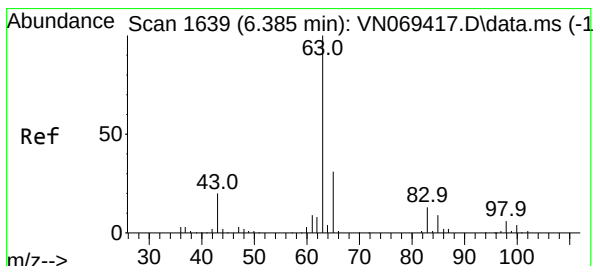
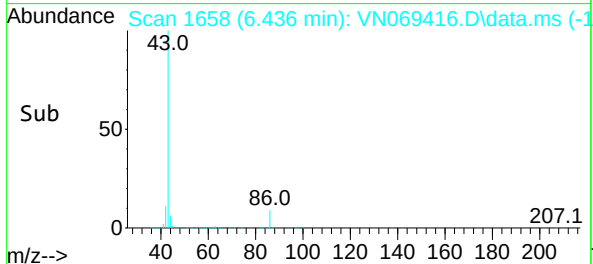
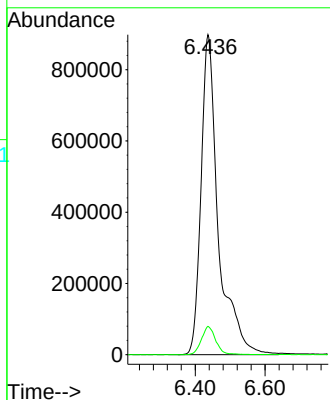
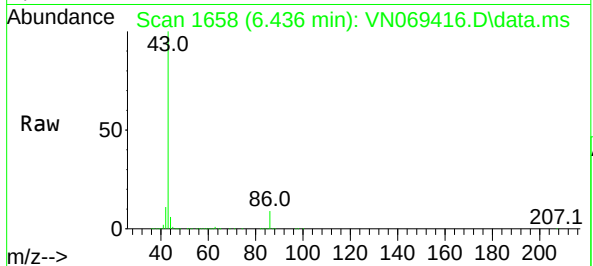
ClientSampleId :

VSTDICC020

Tgt Ion: 43 Resp: 307386
 Ion Ratio Lower Upper
 43 100
 86 8.8 8.5 12.7

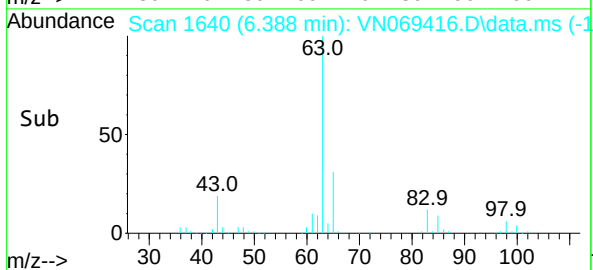
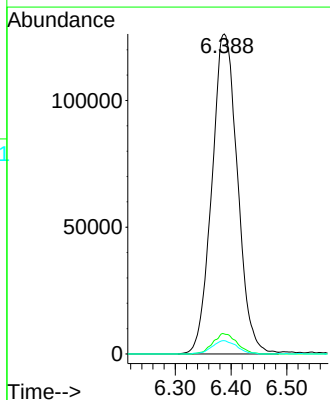
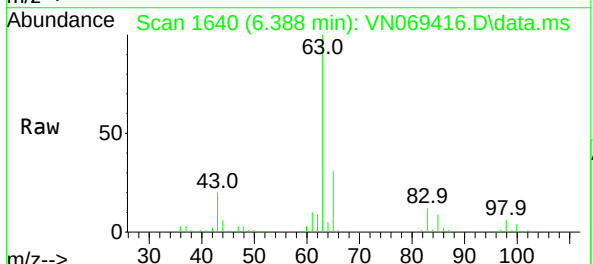
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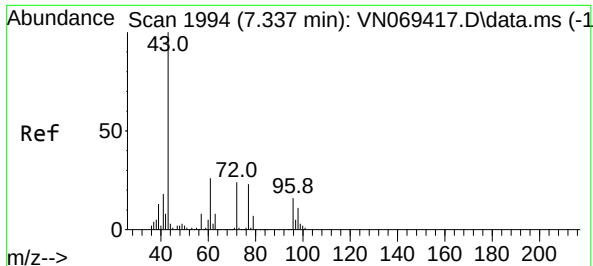
Reviewed By :John Carlone 11/10/2021
 Supervised By :Semsettin Yesilyurt 11/17/2021



#24
 1,1-Dichloroethane
 Concen: 27.335 ug/l
 RT: 6.388 min Scan# 1640
 Delta R.T. 0.002 min
 Lab File: VN069416.D
 Acq: 9 Nov 2021 10:56

Tgt Ion: 63 Resp: 403127
 Ion Ratio Lower Upper
 63 100
 98 6.3 3.3 9.9
 100 4.1 2.1 6.5





#25

2-Butanone

Concen: 154.009 ug/l

RT: 7.340 min Scan# 1995

Delta R.T. 0.002 min

Lab File: VN069416.D

Acq: 9 Nov 2021 10:56

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

Tgt Ion: 43 Resp: 1097400

Ion Ratio Lower Upper

43 100

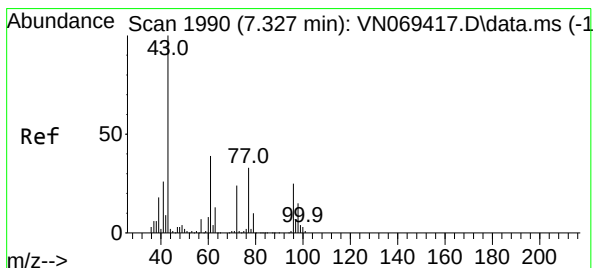
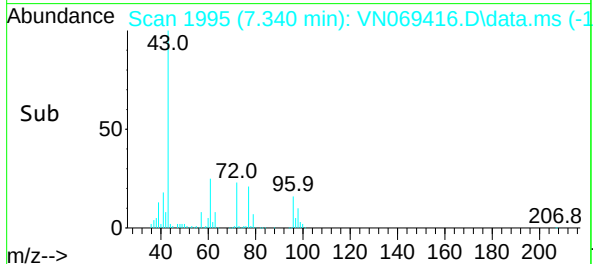
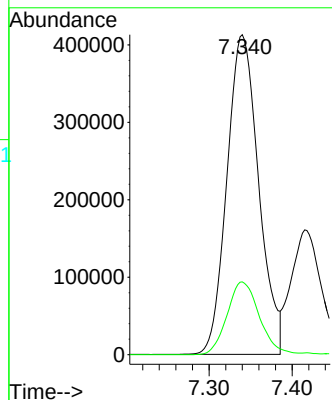
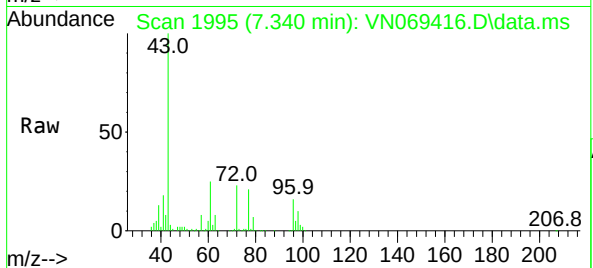
72 22.8 21.7 32.5

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Reviewed By :John Carlone 11/10/2021

Supervised By :Semsettin Yesilyurt 11/17/2021



#26

2,2-Dichloropropane

Concen: 25.043 ug/l

RT: 7.327 min Scan# 1990

Delta R.T. -0.000 min

Lab File: VN069416.D

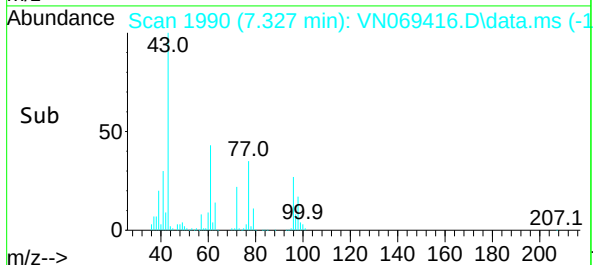
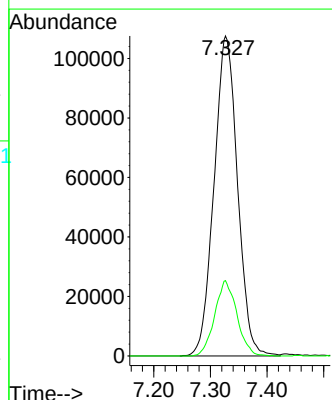
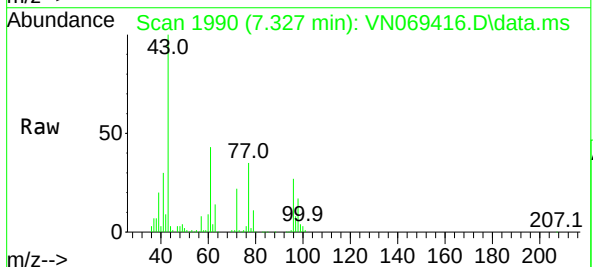
Acq: 9 Nov 2021 10:56

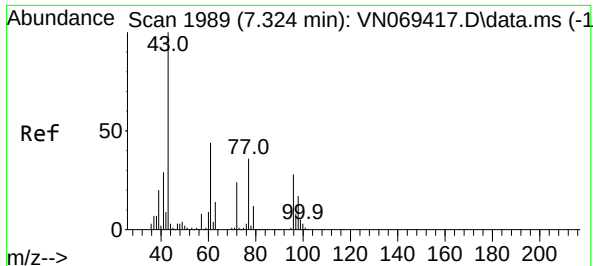
Tgt Ion: 77 Resp: 309684

Ion Ratio Lower Upper

77 100

97 22.3 11.6 34.8





#27

cis-1,2-Dichloroethene

Concen: 24.189 ug/l

RT: 7.327 min Scan# 1989

Delta R.T. 0.002 min

Lab File: VN069416.D

Acq: 9 Nov 2021 10:56

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

Tgt Ion: 96 Resp: 22466

Ion Ratio Lower Upper

96 100

61 158.4 0.0 275.0

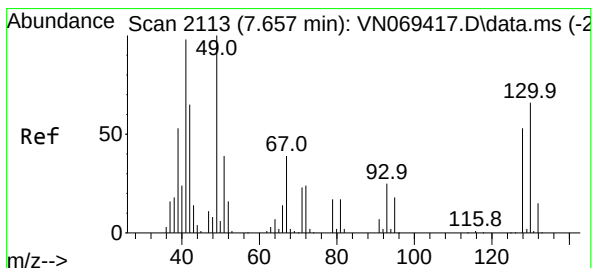
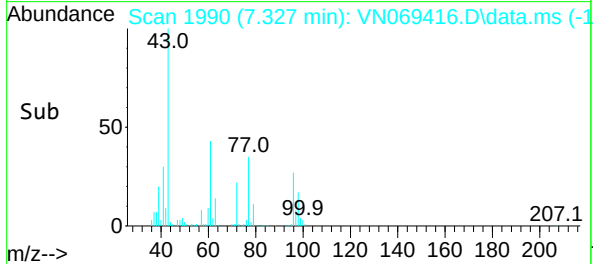
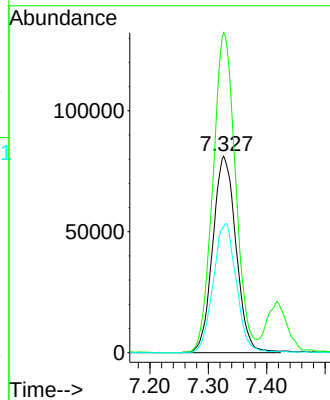
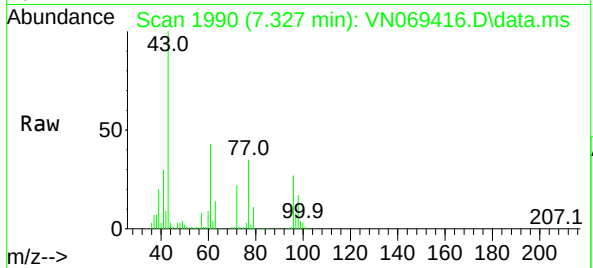
98 64.9 0.0 129.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/10/2021

Supervised By :Semsettin Yesilyurt 11/17/2021



#28

Bromochloromethane

Concen: 21.918 ug/l

RT: 7.659 min Scan# 2114

Delta R.T. 0.002 min

Lab File: VN069416.D

Acq: 9 Nov 2021 10:56

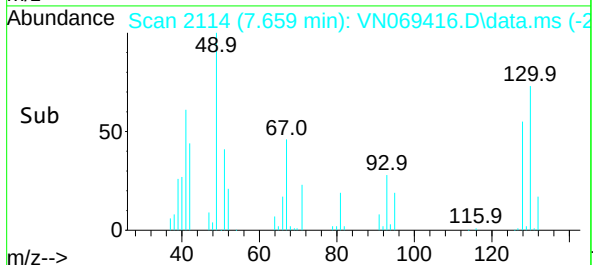
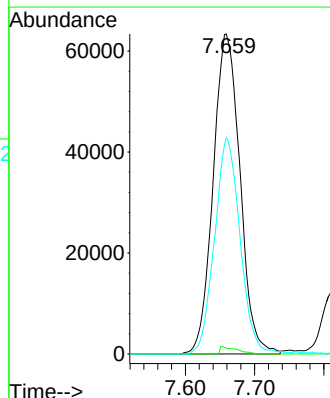
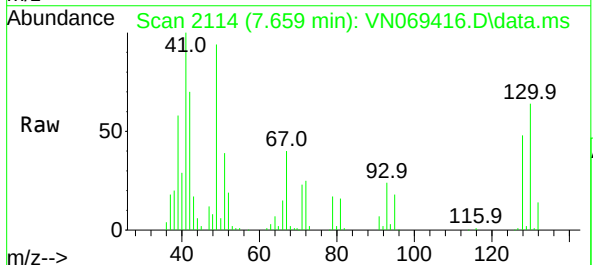
Tgt Ion: 49 Resp: 170464

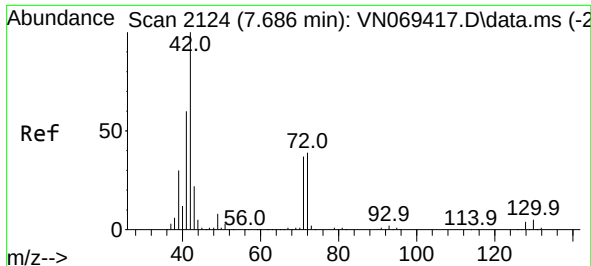
Ion Ratio Lower Upper

49 100

129 1.4 0.0 4.0

130 64.2 67.8 101.8





#29

Tetrahydrofuran

Concen: 155.633 ug/l

RT: 7.689 min Scan# 2125

Delta R.T. 0.002 min

Lab File: VN069416.D

Acq: 9 Nov 2021 10:56

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

Tgt Ion: 42 Resp: 68778

Ion Ratio Lower Upper

42 100

72 38.7 36.3 54.5

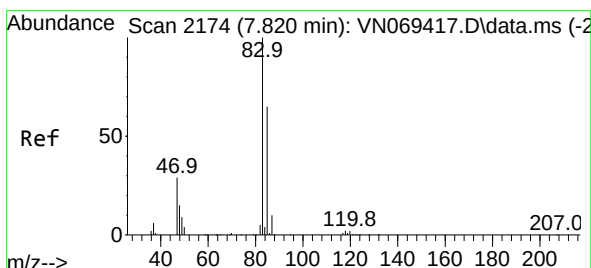
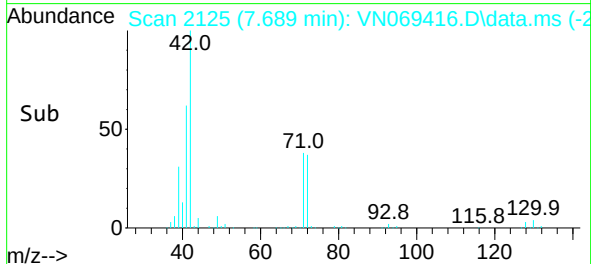
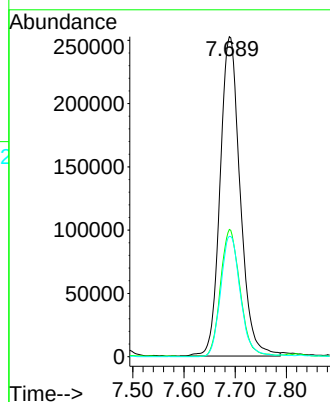
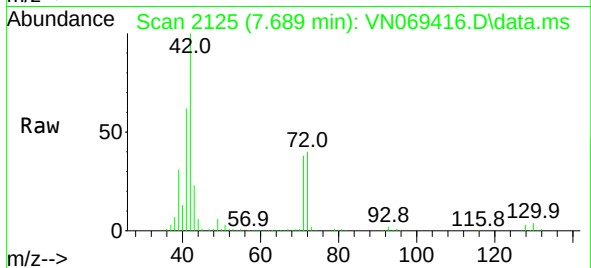
71 37.1 34.7 52.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/10/2021

Supervised By :Semsettin Yesilyurt 11/17/2021



#30

Chloroform

Concen: 25.931 ug/l

RT: 7.820 min Scan# 2174

Delta R.T. -0.000 min

Lab File: VN069416.D

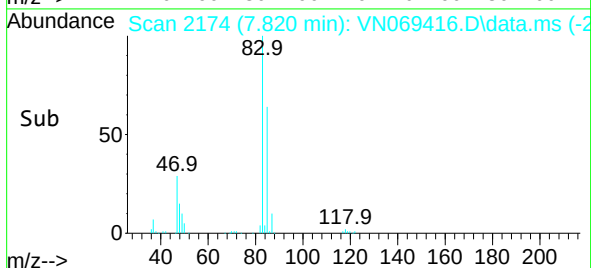
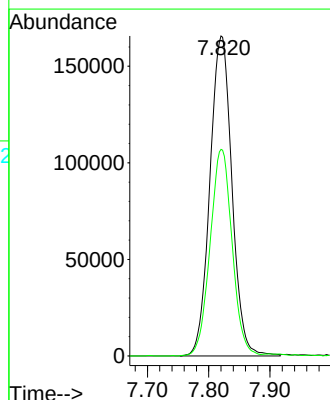
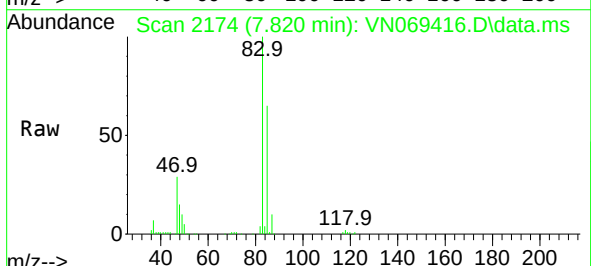
Acq: 9 Nov 2021 10:56

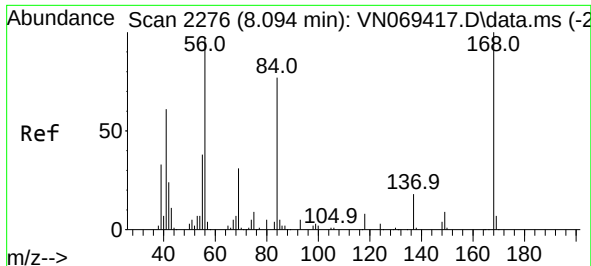
Tgt Ion: 83 Resp: 413678

Ion Ratio Lower Upper

83 100

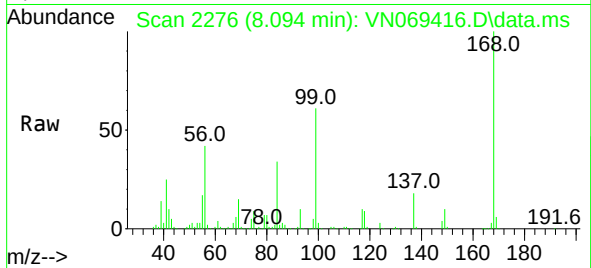
85 64.5 51.9 77.9





#31
Cyclohexane
Concen: 26.103 ug/l
RT: 8.094 min Scan# 2276
Delta R.T. -0.000 min
Lab File: VN069416.D
Acq: 9 Nov 2021 10:56

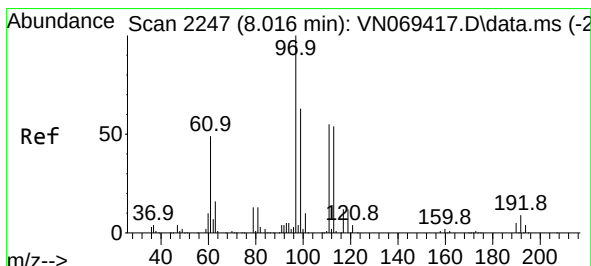
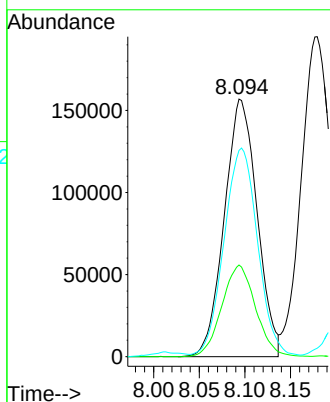
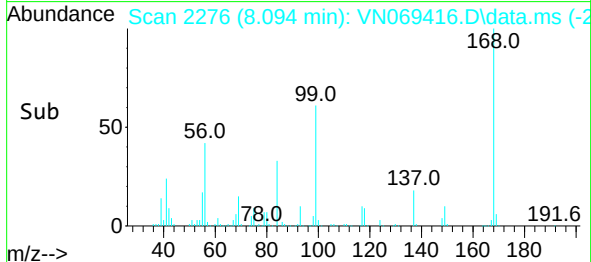
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



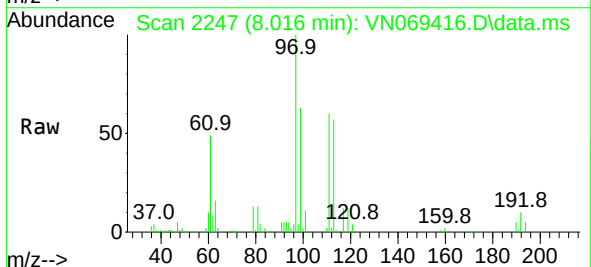
Tgt Ion: 56 Resp: 39189
Ion Ratio Lower Upper
56 100
69 35.6 27.1 40.7
84 78.7 73.4 110.0

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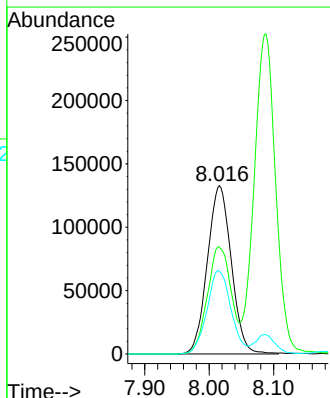
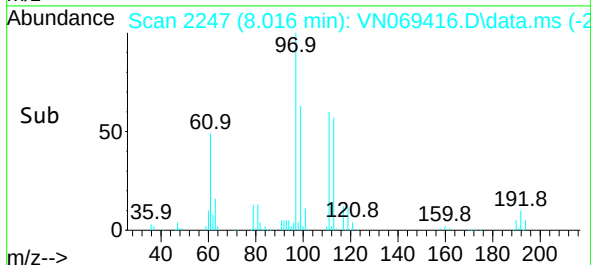
Reviewed By :John Carlone 11/10/2021
Supervised By :Semsettin Yesilyurt 11/17/2021

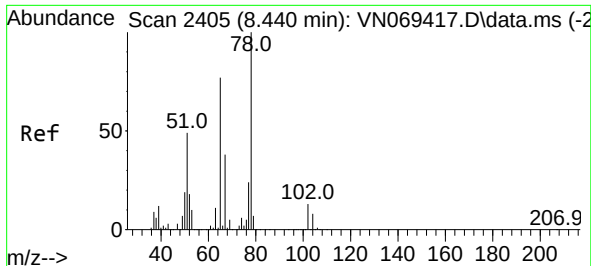


#32
1,1,1-Trichloroethane
Concen: 25.070 ug/l
RT: 8.016 min Scan# 2247
Delta R.T. -0.000 min
Lab File: VN069416.D
Acq: 9 Nov 2021 10:56



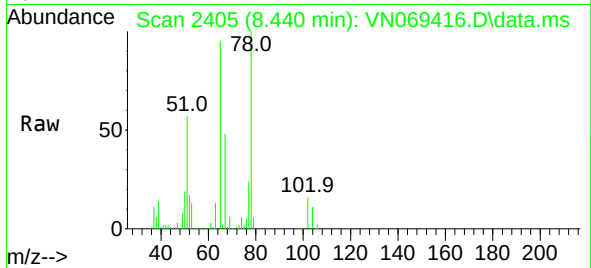
Tgt Ion: 97 Resp: 343540
Ion Ratio Lower Upper
97 100
99 63.3 50.1 75.1
61 49.5 35.2 52.8





#33
 1,2-Dichloroethane-d4
 Concen: 28.856 ug/l
 RT: 8.440 min Scan# 2405
 Delta R.T. -0.000 min
 Lab File: VN069416.D
 Acq: 9 Nov 2021 10:56

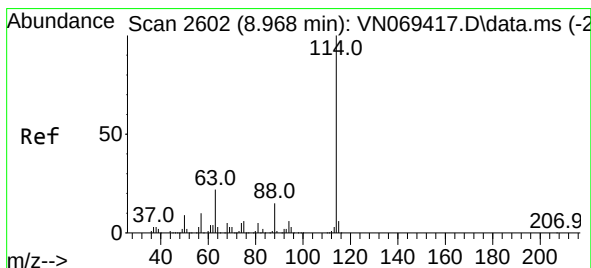
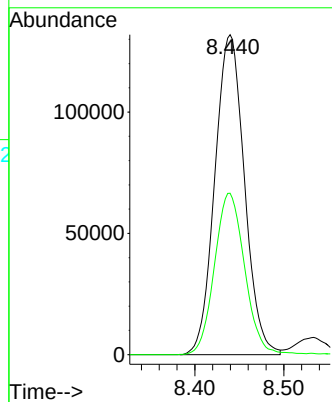
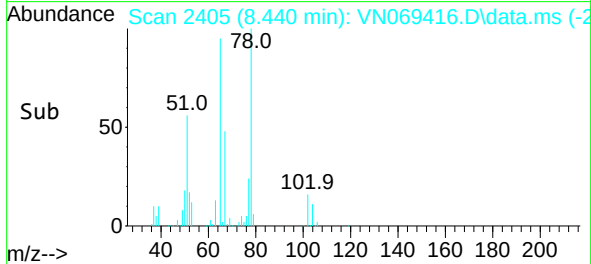
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020



Tgt Ion: 65 Resp: 305063
 Ion Ratio Lower Upper
 65 100
 67 51.5 0.0 103.0

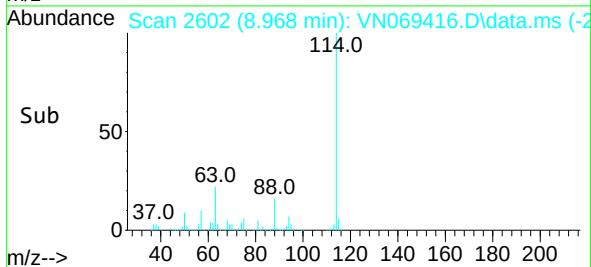
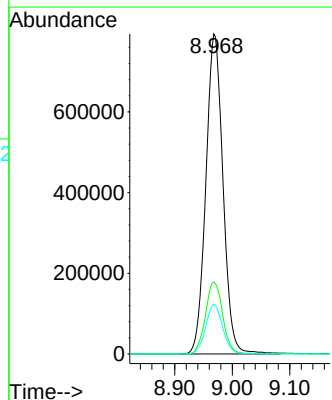
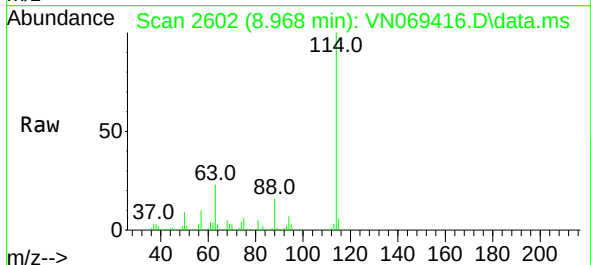
Manual Integrations
 APPROVED

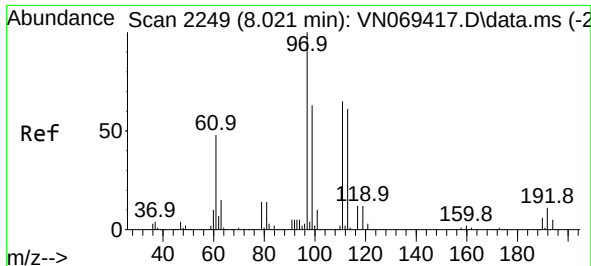
Reviewed By :John Carlone 11/10/2021
 Supervised By :Semsettin Yesilyurt 11/17/2021



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.968 min Scan# 2602
 Delta R.T. -0.000 min
 Lab File: VN069416.D
 Acq: 9 Nov 2021 10:56

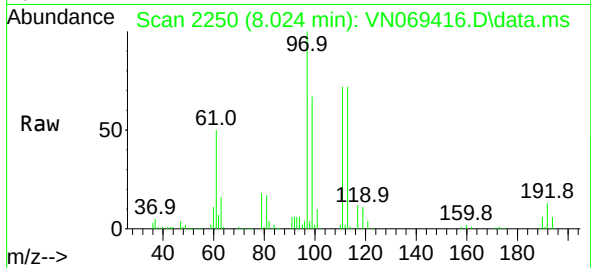
Tgt Ion:114 Resp: 1640316
 Ion Ratio Lower Upper
 114 100
 63 22.5 0.0 37.8
 88 15.6 0.0 27.4





#35
Dibromofluoromethane
Concen: 23.711 ug/l
RT: 8.024 min Scan# 2113
Delta R.T. 0.002 min
Lab File: VN069416.D
Acq: 9 Nov 2021 10:56

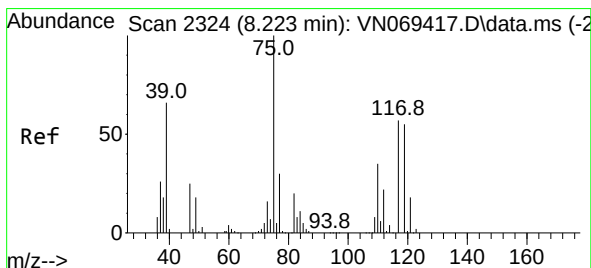
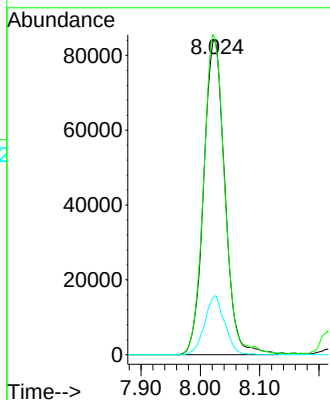
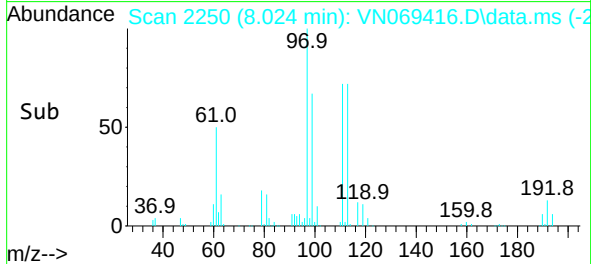
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



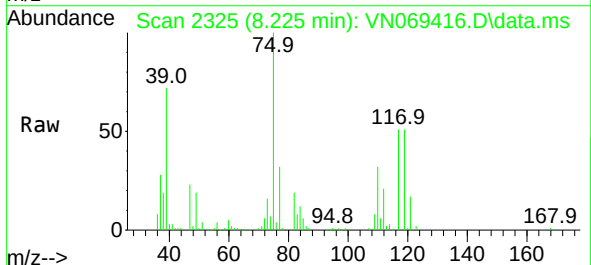
Tgt Ion: 113 Resp: 20898
Ion Ratio Lower Upper
113 100
111 100.0 82.2 123.2
192 17.6 16.9 25.3

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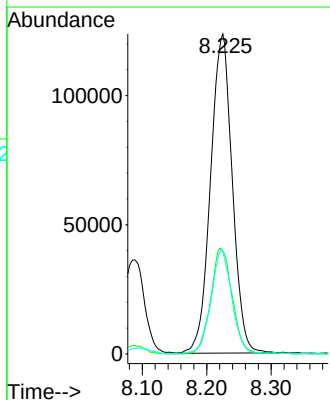
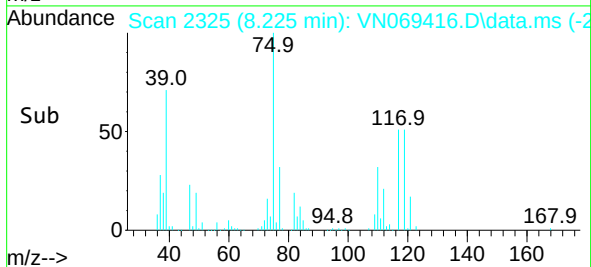
Reviewed By :John Carlone 11/10/2021
Supervised By :Semsettin Yesilyurt 11/17/2021

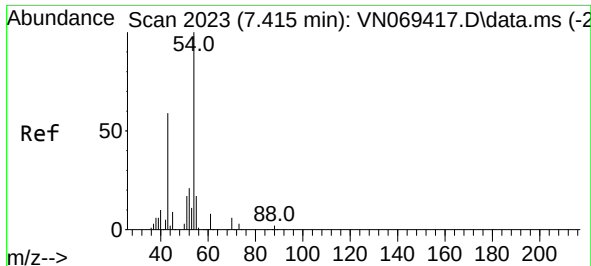


#36
1,1-Dichloropropene
Concen: 23.244 ug/l
RT: 8.225 min Scan# 2325
Delta R.T. 0.002 min
Lab File: VN069416.D
Acq: 9 Nov 2021 10:56



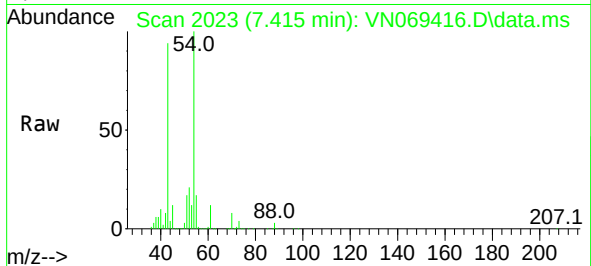
Tgt Ion: 75 Resp: 288815
Ion Ratio Lower Upper
75 100
110 32.9 18.4 55.2
77 30.7 24.4 36.6





#37
Ethyl Acetate
Concen: 27.221 ug/l
RT: 7.415 min Scan# 2023
Delta R.T. -0.000 min
Lab File: VN069416.D
Acq: 9 Nov 2021 10:56

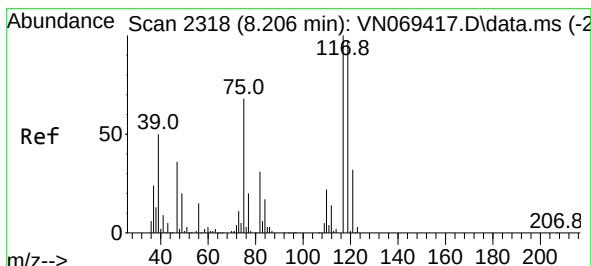
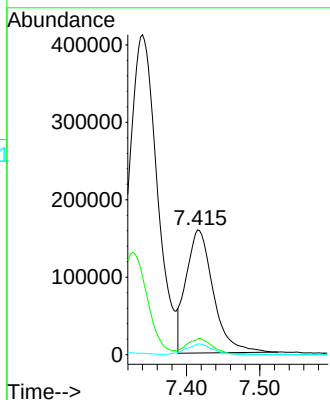
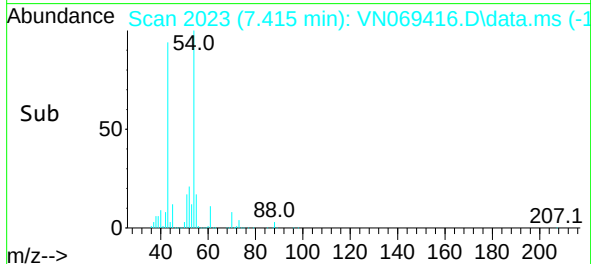
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



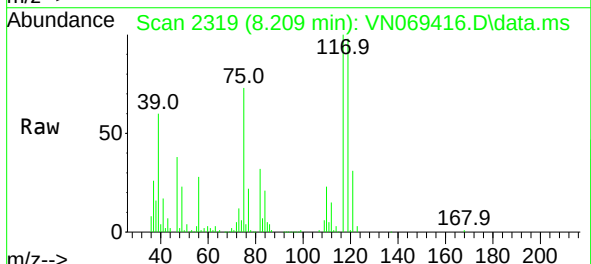
Tgt Ion: 43 Resp: 408772
Ion Ratio Lower Upper
43 100
61 11.6 11.5 17.3
70 8.0 7.9 11.9

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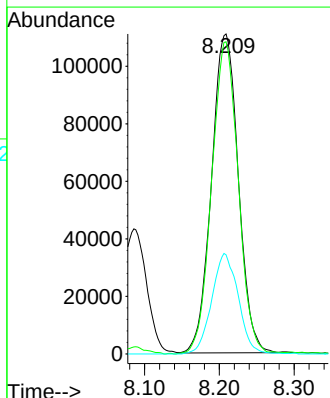
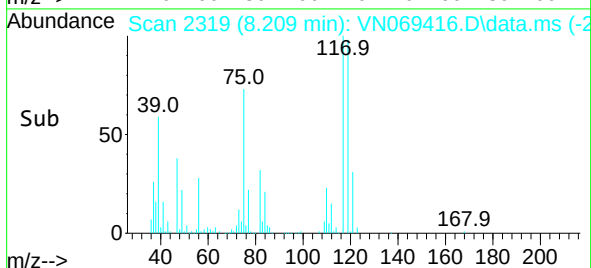
Reviewed By :John Carlone 11/10/2021
Supervised By :Semsettin Yesilyurt 11/17/2021

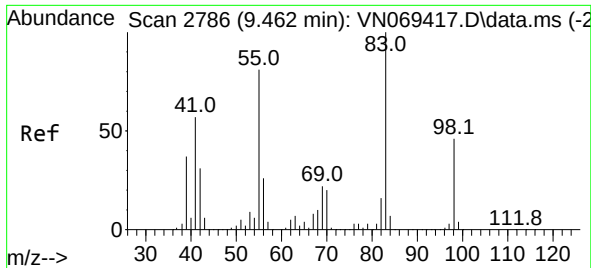


#38
Carbon Tetrachloride
Concen: 22.085 ug/l
RT: 8.209 min Scan# 2319
Delta R.T. 0.002 min
Lab File: VN069416.D
Acq: 9 Nov 2021 10:56



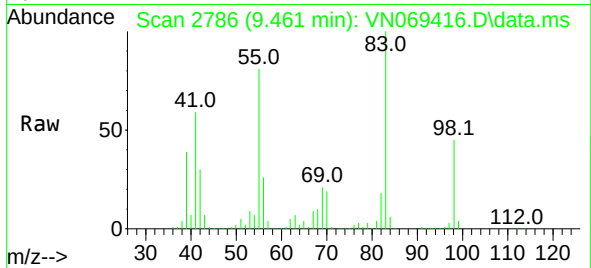
Tgt Ion:117 Resp: 276692
Ion Ratio Lower Upper
117 100
119 97.8 76.1 114.1
121 31.1 24.2 36.2





#39
Methylcyclohexane
Concen: 22.054 ug/l
RT: 9.461 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN069416.D
Acq: 9 Nov 2021 10:56

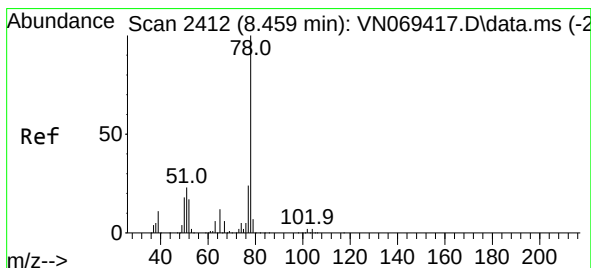
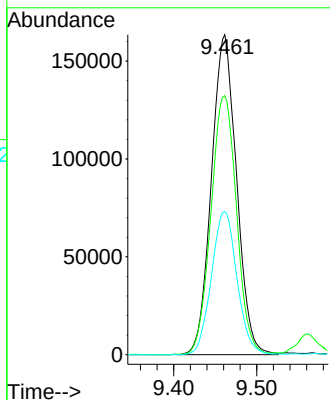
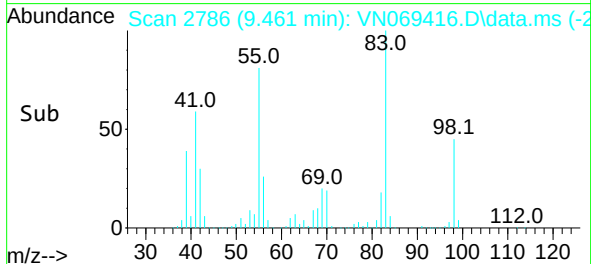
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



Tgt Ion: 83 Resp: 34469
Ion Ratio Lower Upper
83 100
55 80.8 58.1 87.1
98 44.7 38.4 57.6

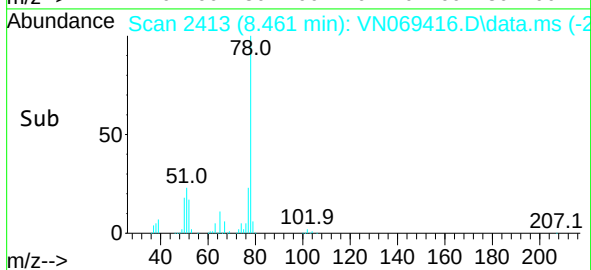
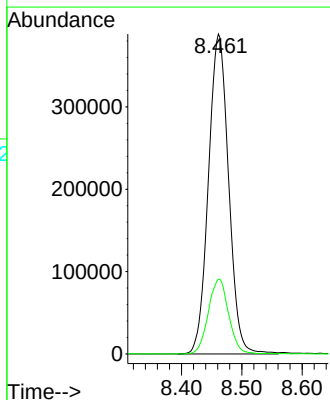
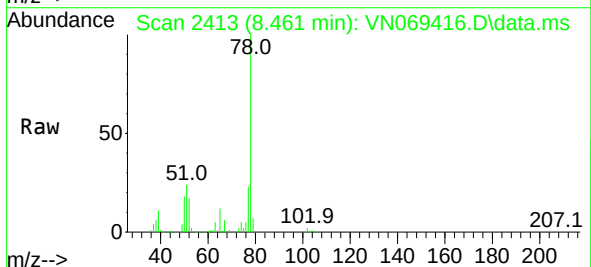
Manual Integrations
APPROVED

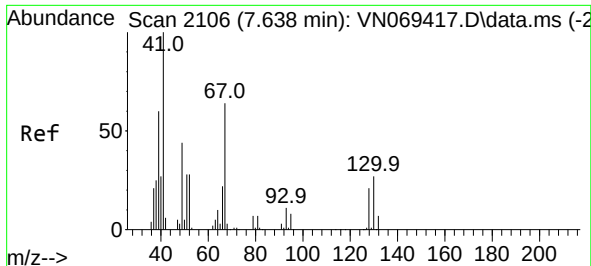
Reviewed By :John Carlone 11/10/2021
Supervised By :Semsettin Yesilyurt 11/17/2021



#40
Benzene
Concen: 23.629 ug/l
RT: 8.461 min Scan# 2413
Delta R.T. 0.002 min
Lab File: VN069416.D
Acq: 9 Nov 2021 10:56

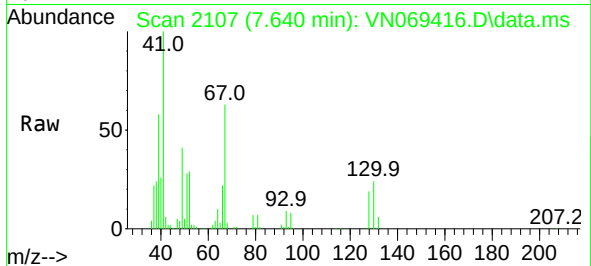
Tgt Ion: 78 Resp: 903557
Ion Ratio Lower Upper
78 100
77 23.3 18.6 27.8





#41
Methacrylonitrile
Concen: 28.602 ug/l
RT: 7.640 min Scan# 2106
Delta R.T. 0.002 min
Lab File: VN069416.D
Acq: 9 Nov 2021 10:56

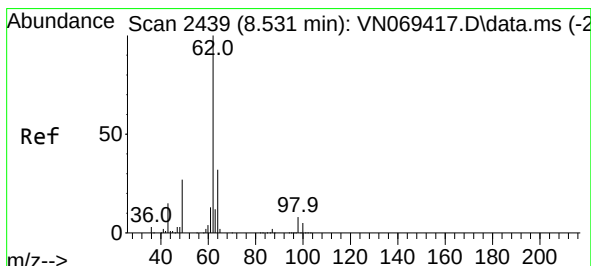
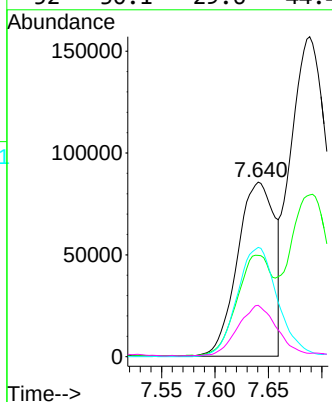
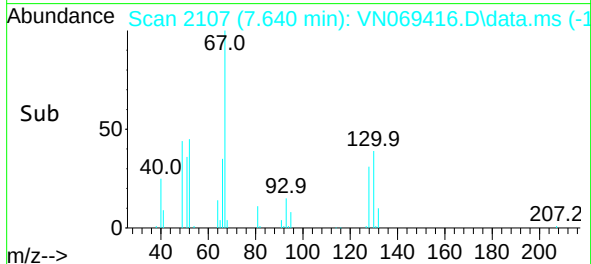
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



Tgt Ion: 41 Resp: 206840
Ion Ratio Lower Upper
41 100
39 54.4 48.1 72.1
67 68.4 68.3 102.5
52 30.1 29.6 44.4

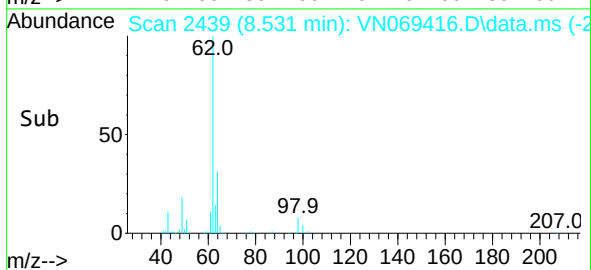
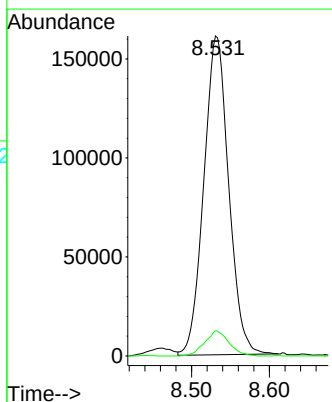
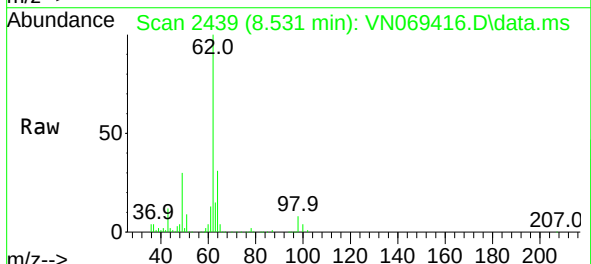
Manual Integrations
APPROVED

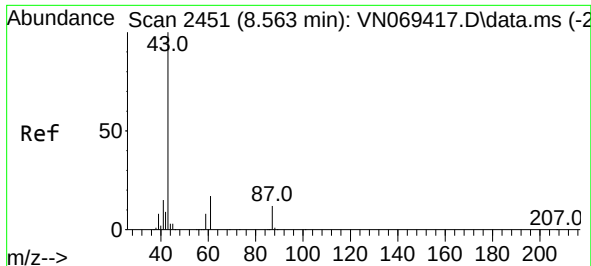
Reviewed By :John Carlone 11/10/2021
Supervised By :Semsettin Yesilyurt 11/17/2021



#42
1,2-Dichloroethane
Concen: 25.155 ug/l
RT: 8.531 min Scan# 2439
Delta R.T. -0.000 min
Lab File: VN069416.D
Acq: 9 Nov 2021 10:56

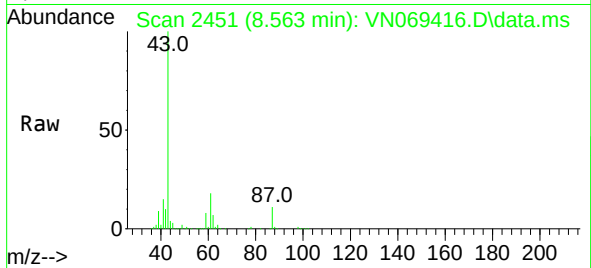
Tgt Ion: 62 Resp: 357505
Ion Ratio Lower Upper
62 100
98 7.7 0.0 17.6





#43
Isopropyl Acetate
Concen: 27.462 ug/l
RT: 8.563 min Scan# 2451
Delta R.T. -0.000 min
Lab File: VN069416.D
Acq: 9 Nov 2021 10:56

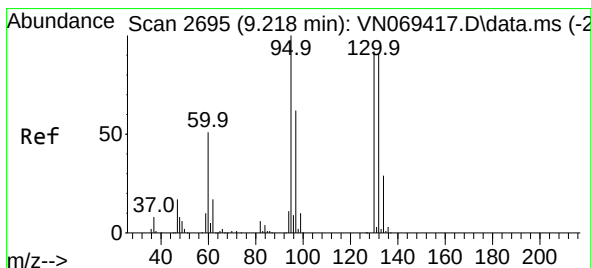
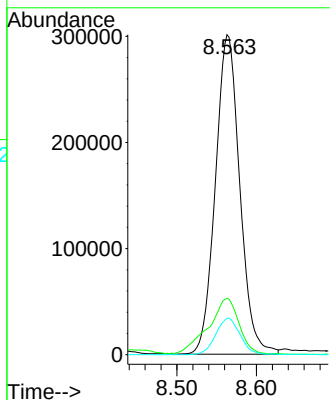
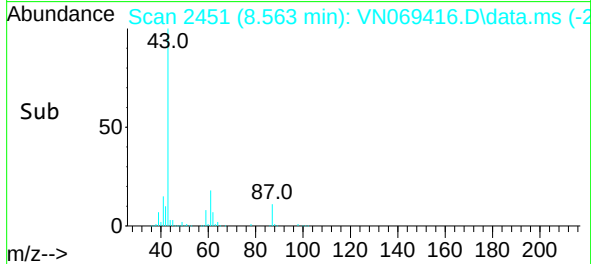
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



Tgt Ion: 43 Resp: 642070
Ion Ratio Lower Upper
43 100
61 22.1 20.4 30.6
87 11.4 11.2 16.8

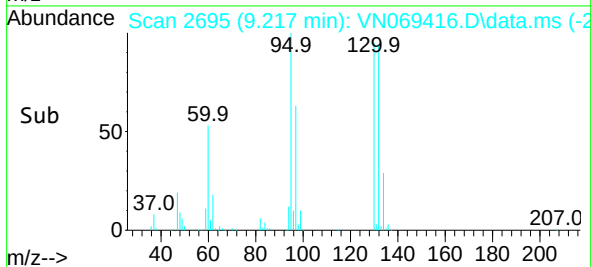
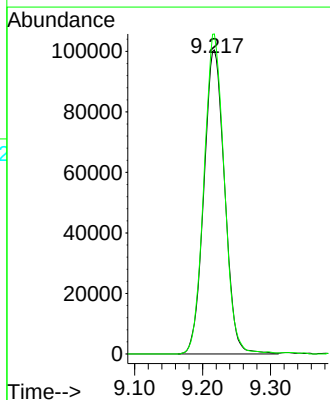
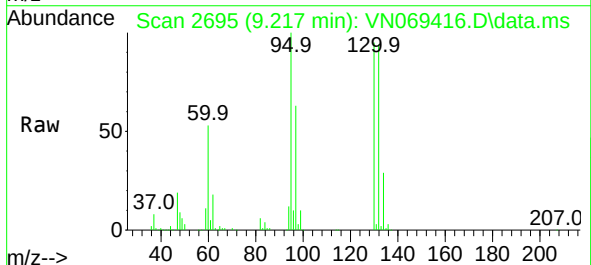
Manual Integrations
APPROVED

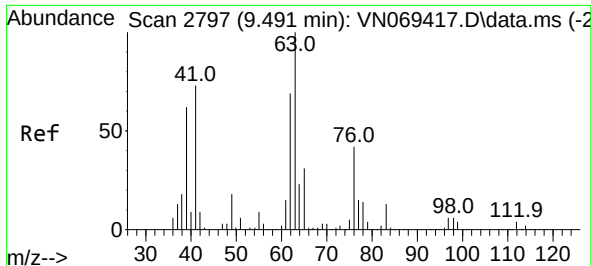
Reviewed By :John Carlone 11/10/2021
Supervised By :Semsettin Yesilyurt 11/17/2021



#44
Trichloroethene
Concen: 21.339 ug/l
RT: 9.217 min Scan# 2695
Delta R.T. -0.000 min
Lab File: VN069416.D
Acq: 9 Nov 2021 10:56

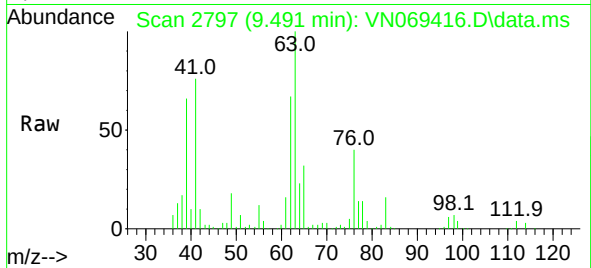
Tgt Ion:130 Resp: 213088
Ion Ratio Lower Upper
130 100
95 105.2 0.0 191.2





#45
1,2-Dichloropropane
Concen: 24.618 ug/l
RT: 9.491 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN069416.D
Acq: 9 Nov 2021 10:56

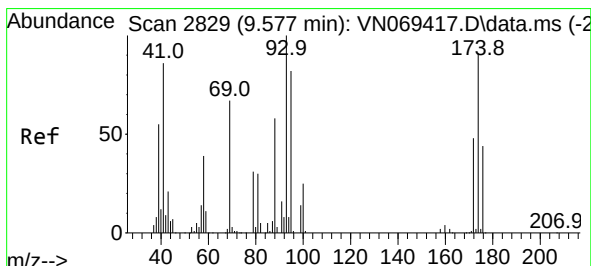
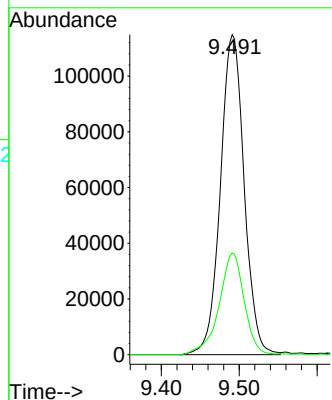
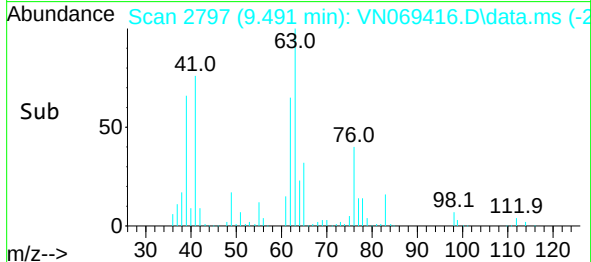
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



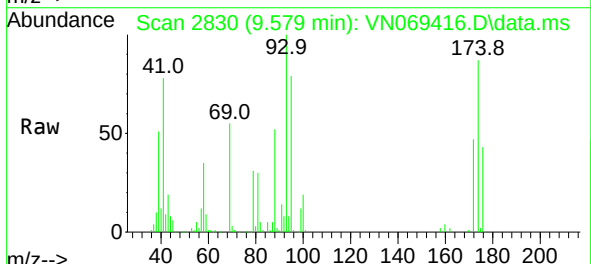
Tgt Ion: 63 Resp: 243289
Ion Ratio Lower Upper
63 100
65 31.8 24.7 37.1

Manual Integrations
APPROVED

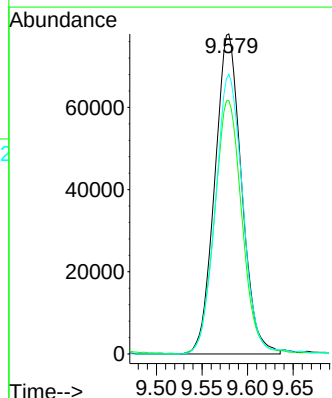
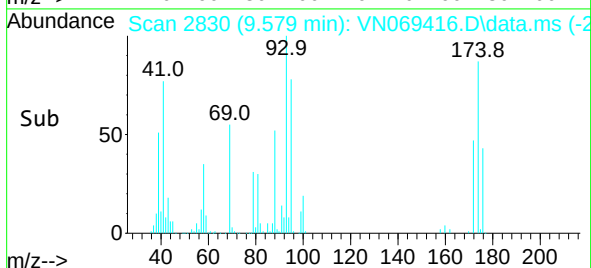
Reviewed By :John Carlone 11/10/2021
Supervised By :Semsettin Yesilyurt 11/17/2021

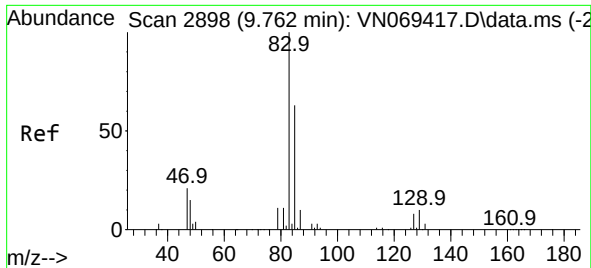


#46
Dibromomethane
Concen: 23.068 ug/l
RT: 9.579 min Scan# 2830
Delta R.T. 0.002 min
Lab File: VN069416.D
Acq: 9 Nov 2021 10:56



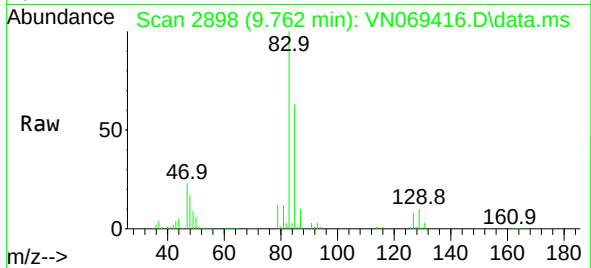
Tgt Ion: 93 Resp: 158979
Ion Ratio Lower Upper
93 100
95 81.6 65.9 98.9
174 89.3 84.6 127.0





#47
Bromodichloromethane
Concen: 23.964 ug/l
RT: 9.762 min Scan# 2898
Delta R.T. -0.000 min
Lab File: VN069416.D
Acq: 9 Nov 2021 10:56

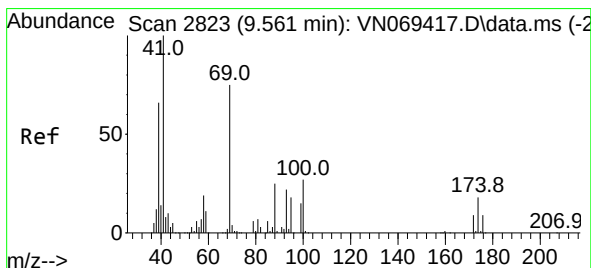
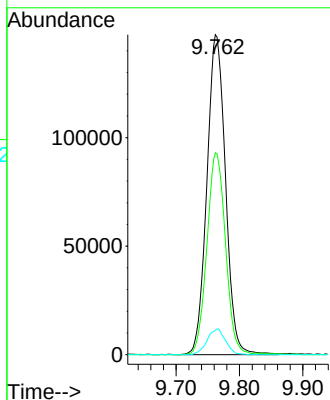
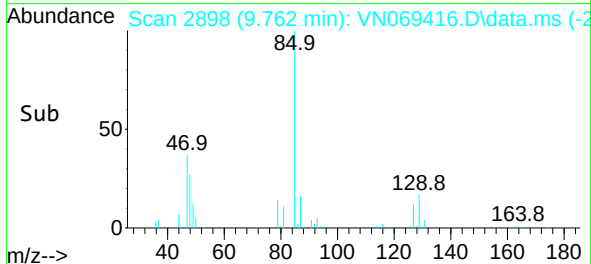
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



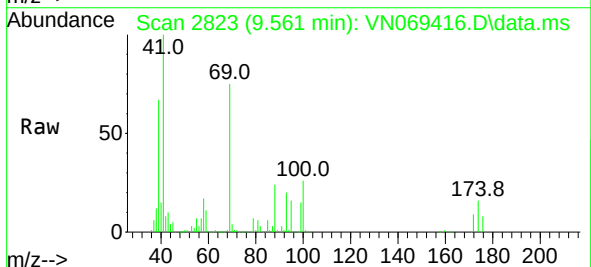
Tgt Ion: 83 Resp: 301440
Ion Ratio Lower Upper
83 100
85 63.1 50.9 76.3
127 7.6 7.1 10.7

Manual Integrations
APPROVED

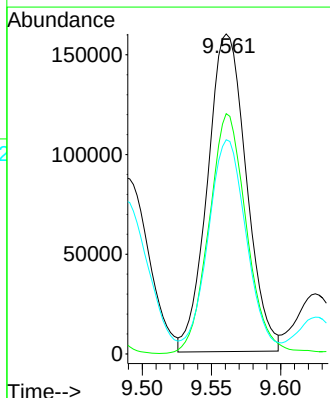
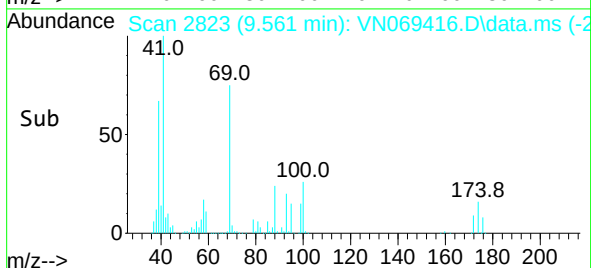
Reviewed By :John Carlone 11/10/2021
Supervised By :Semsettin Yesilyurt 11/17/2021

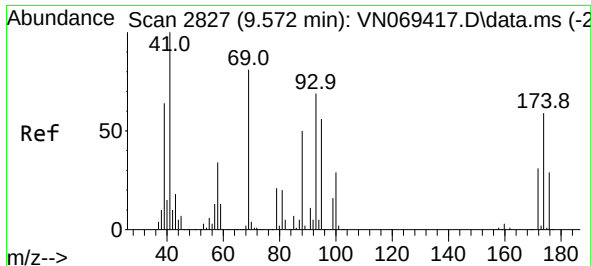


#48
Methyl methacrylate
Concen: 29.417 ug/l
RT: 9.561 min Scan# 2823
Delta R.T. -0.000 min
Lab File: VN069416.D
Acq: 9 Nov 2021 10:56



Tgt Ion: 41 Resp: 310779
Ion Ratio Lower Upper
41 100
69 73.1 72.4 108.6
39 60.6 58.4 87.6





#49

1,4-Dioxane

Concen: 467.456 ug/l

RT: 9.571 min Scan# 2827

Delta R.T. -0.000 min

Lab File: VN069416.D

Acq: 9 Nov 2021 10:56

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

Tgt Ion: 88 Resp: 107279

Ion Ratio Lower Upper

88 100

43 34.0 23.4 35.2

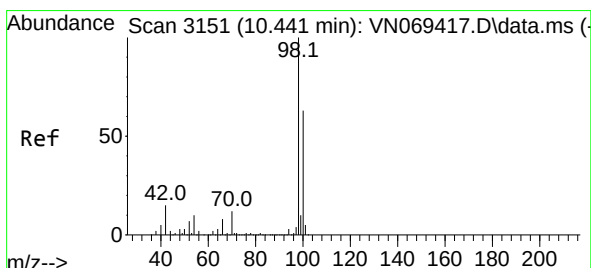
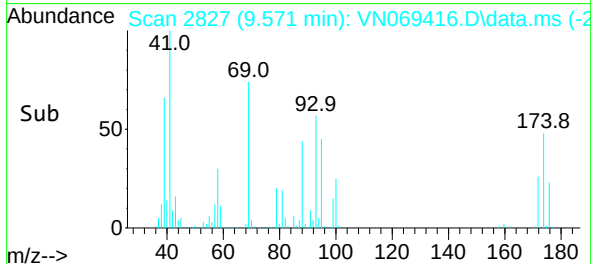
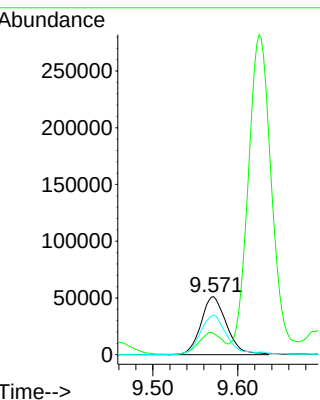
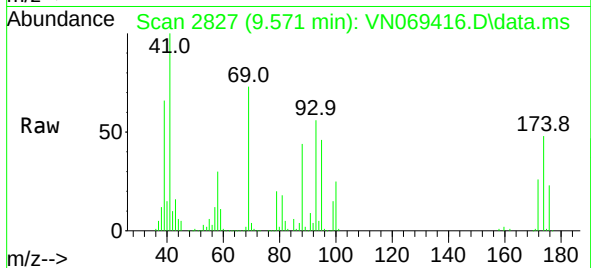
58 69.0 50.6 75.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/10/2021

Supervised By :Semsettin Yesilyurt 11/17/2021



#50

Toluene-d8

Concen: 23.410 ug/l

RT: 10.443 min Scan# 3152

Delta R.T. 0.002 min

Lab File: VN069416.D

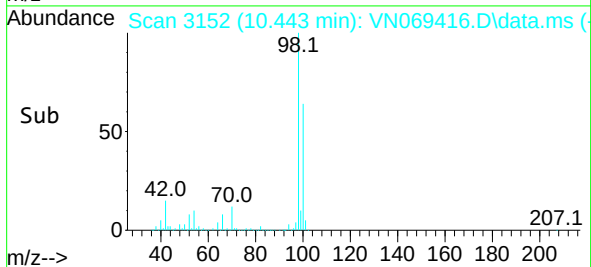
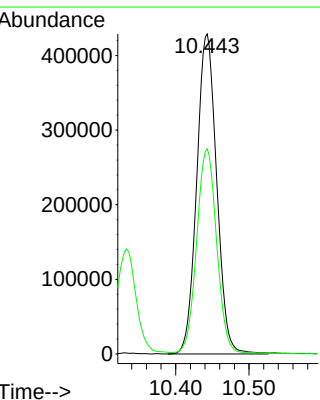
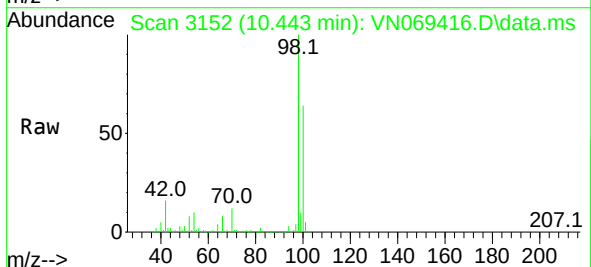
Acq: 9 Nov 2021 10:56

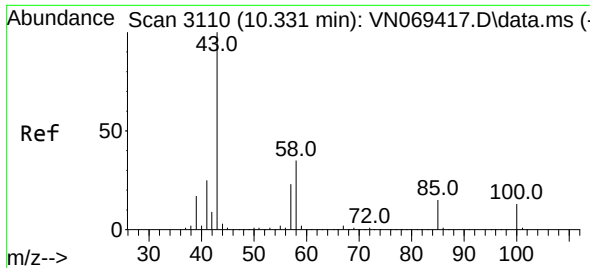
Tgt Ion: 98 Resp: 811897

Ion Ratio Lower Upper

98 100

100 63.1 50.4 75.6





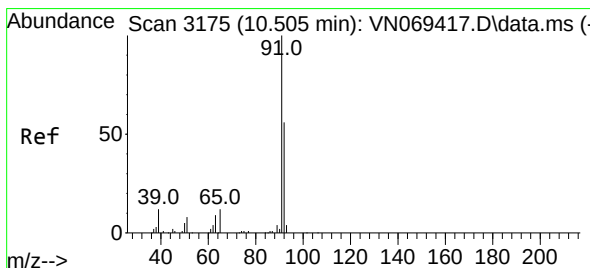
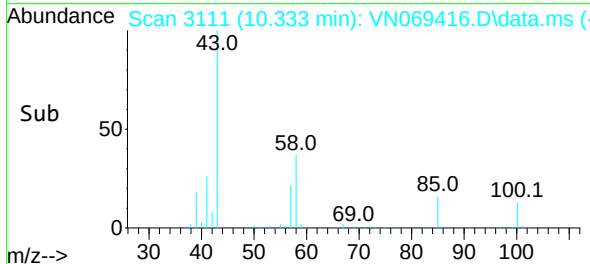
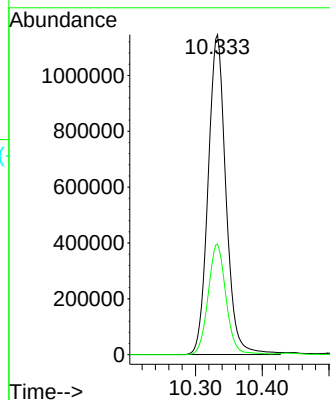
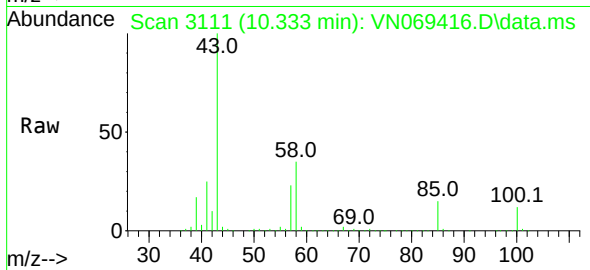
#51
4-Methyl-2-Pentanone
Concen: 139.996 ug/l
RT: 10.333 min Scan# 3111
Delta R.T. 0.002 min
Lab File: VN069416.D
Acq: 9 Nov 2021 10:56

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion: 43 Resp: 212481
Ion Ratio Lower Upper
43 100
58 34.7 30.4 45.6

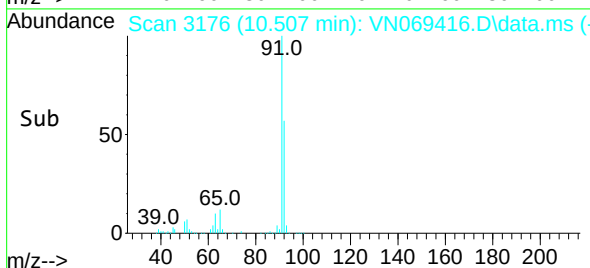
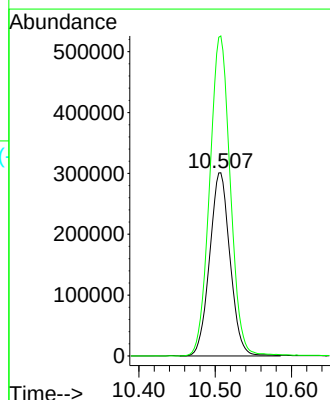
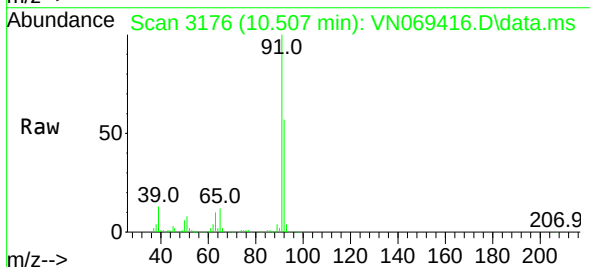
Manual Integrations
APPROVED

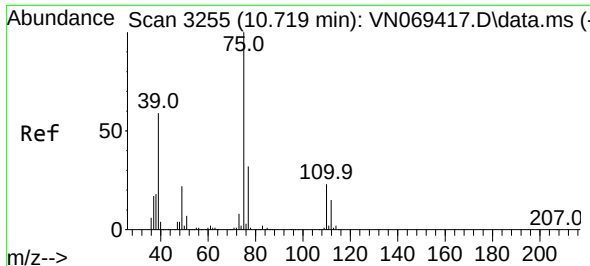
Reviewed By :John Carlone 11/10/2021
Supervised By :Semsettin Yesilyurt 11/17/2021



#52
Toluene
Concen: 22.775 ug/l
RT: 10.507 min Scan# 3176
Delta R.T. 0.002 min
Lab File: VN069416.D
Acq: 9 Nov 2021 10:56

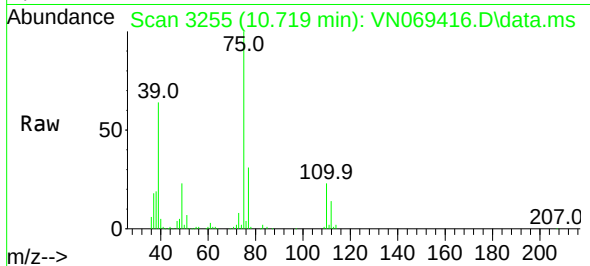
Tgt Ion: 92 Resp: 557662
Ion Ratio Lower Upper
92 100
91 177.6 142.0 213.0





#53
t-1,3-Dichloropropene
Concen: 23.174 ug/l
RT: 10.719 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN069416.D
Acq: 9 Nov 2021 10:56

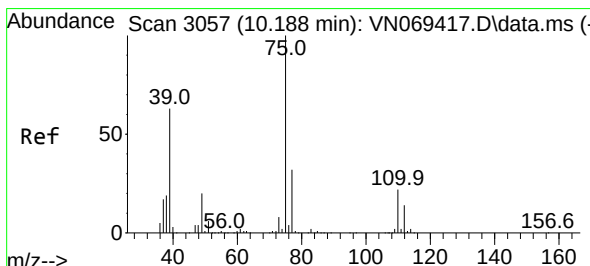
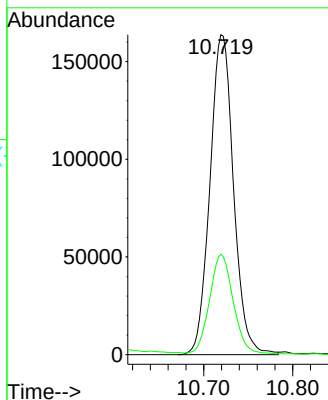
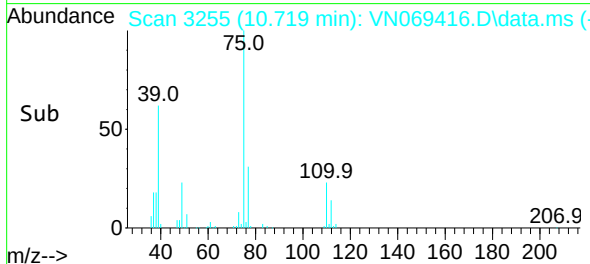
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



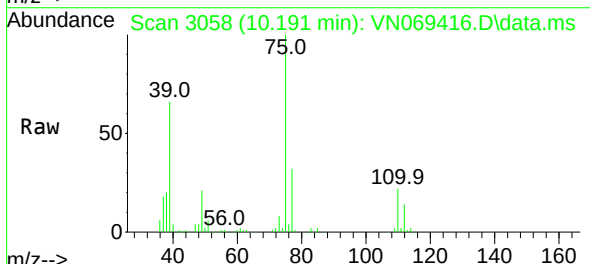
Tgt Ion: 75 Resp: 301672
Ion Ratio Lower Upper
75 100
77 31.1 25.6 38.4

Manual Integrations
APPROVED

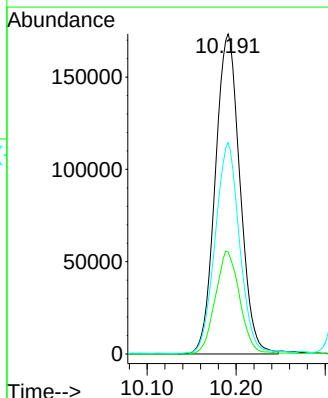
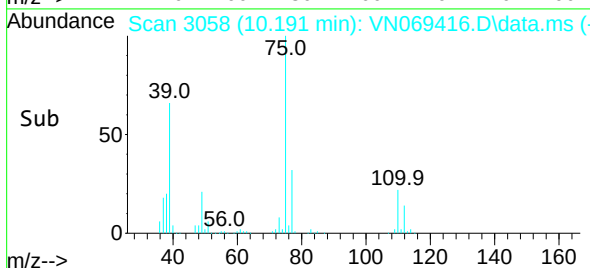
Reviewed By :John Carlone 11/10/2021
Supervised By :Semsettin Yesilyurt 11/17/2021

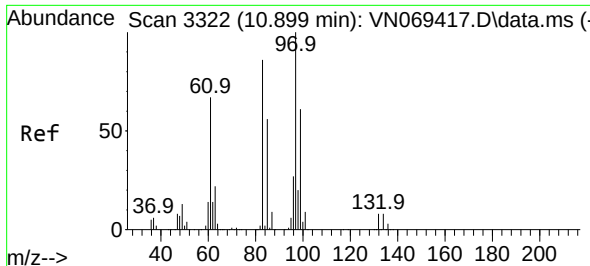


#54
cis-1,3-Dichloropropene
Concen: 23.367 ug/l
RT: 10.191 min Scan# 3058
Delta R.T. 0.002 min
Lab File: VN069416.D
Acq: 9 Nov 2021 10:56



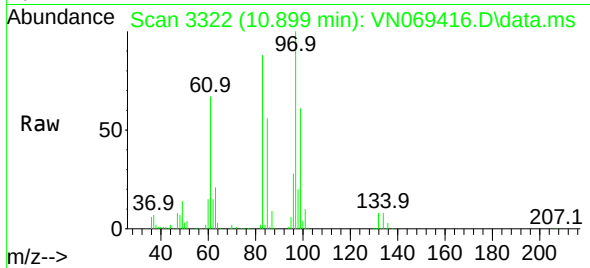
Tgt Ion: 75 Resp: 333556
Ion Ratio Lower Upper
75 100
77 31.9 26.4 39.6
39 65.8 42.5 63.7#





#55
1,1,2-Trichloroethane
Concen: 23.074 ug/l
RT: 10.899 min Scan# 3322
Delta R.T. -0.000 min
Lab File: VN069416.D
Acq: 9 Nov 2021 10:56

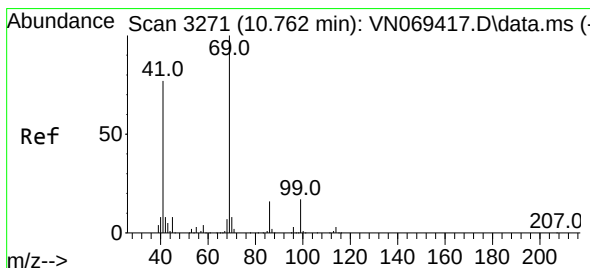
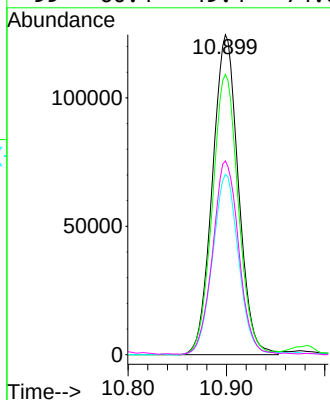
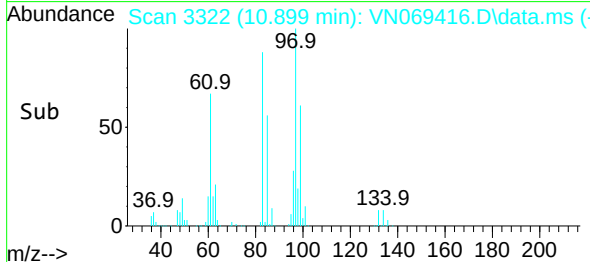
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



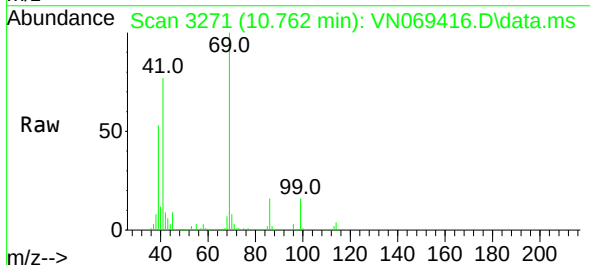
Tgt Ion: 97 Resp: 228550
Ion Ratio Lower Upper
97 100
83 87.6 67.8 101.6
85 56.4 45.4 68.2
99 60.4 49.4 74.0

Manual Integrations
APPROVED

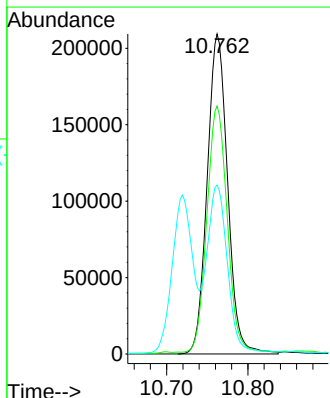
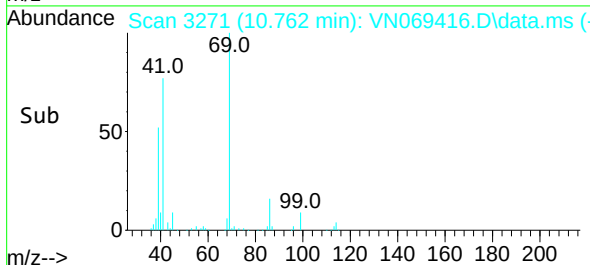
Reviewed By :John Carlone 11/10/2021
Supervised By :Semsettin Yesilyurt 11/17/2021

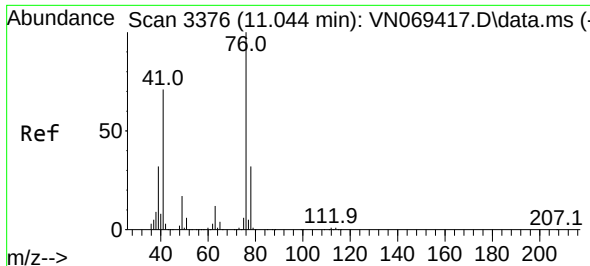


#56
Ethyl methacrylate
Concen: 24.390 ug/l
RT: 10.762 min Scan# 3271
Delta R.T. -0.000 min
Lab File: VN069416.D
Acq: 9 Nov 2021 10:56



Tgt Ion: 69 Resp: 365695
Ion Ratio Lower Upper
69 100
41 76.5 51.4 77.0
39 51.3 34.6 52.0





#57

1,3-Dichloropropane

Concen: 23.969 ug/l

RT: 11.046 min Scan# 31

Delta R.T. 0.002 min

Lab File: VN069416.D

Acq: 9 Nov 2021 10:56

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

Tgt Ion: 76 Resp: 397728

Ion Ratio Lower Upper

76 100

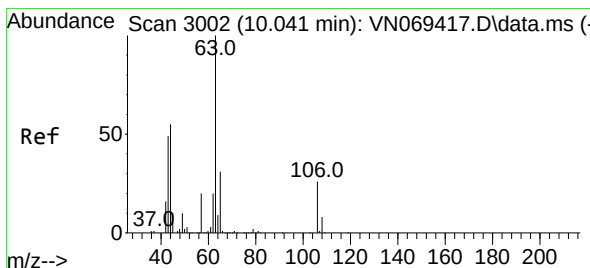
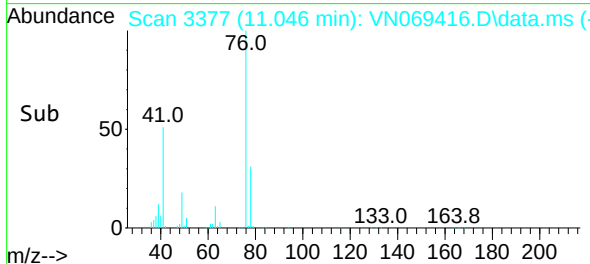
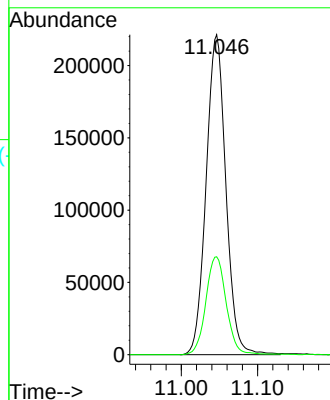
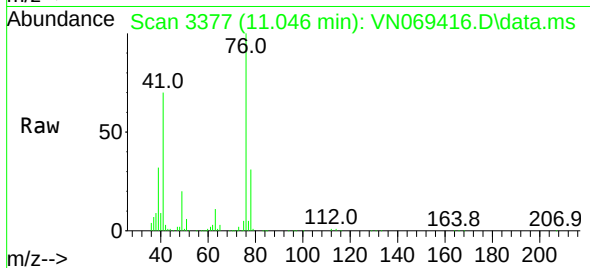
78 31.7 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/10/2021

Supervised By :Semsettin Yesilyurt 11/17/2021



#58

2-Chloroethyl Vinyl ether

Concen: 117.597 ug/l

RT: 10.043 min Scan# 3003

Delta R.T. 0.002 min

Lab File: VN069416.D

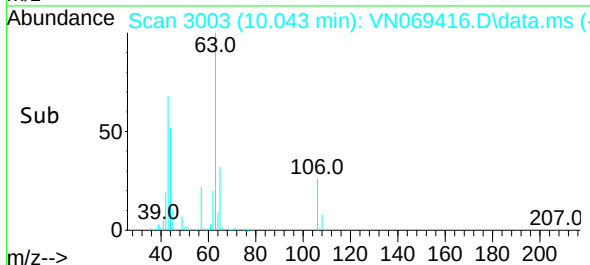
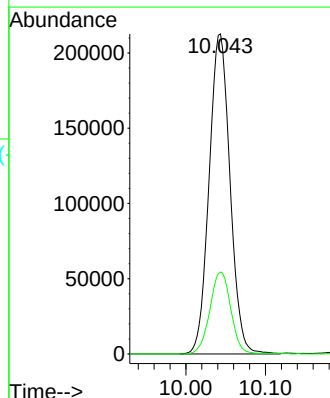
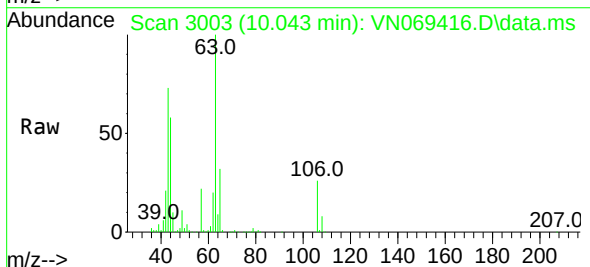
Acq: 9 Nov 2021 10:56

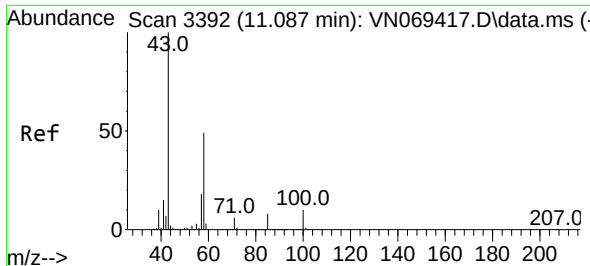
Tgt Ion: 63 Resp: 388312

Ion Ratio Lower Upper

63 100

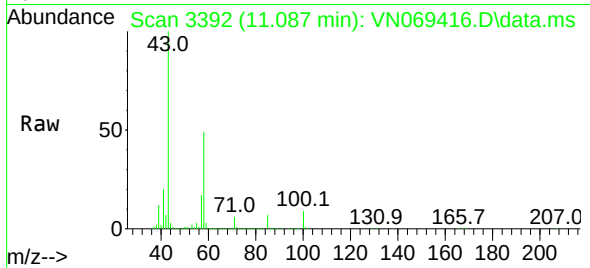
106 25.7 23.9 35.9





#59
2-Hexanone
Concen: 135.162 ug/l
RT: 11.087 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN069416.D
Acq: 9 Nov 2021 10:56

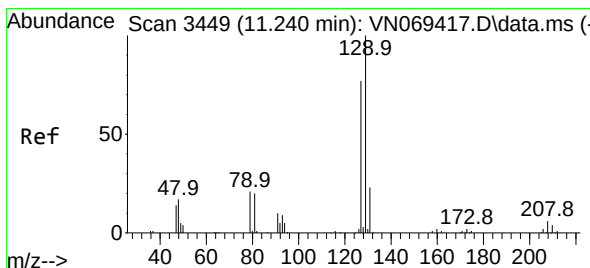
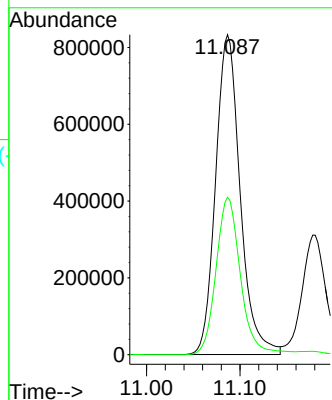
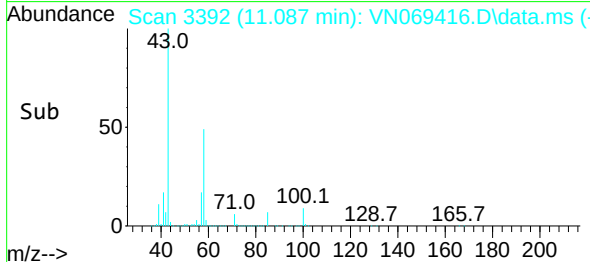
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



Tgt Ion: 43 Resp: 152286
Ion Ratio Lower Upper
43 100
58 49.2 26.9 80.7

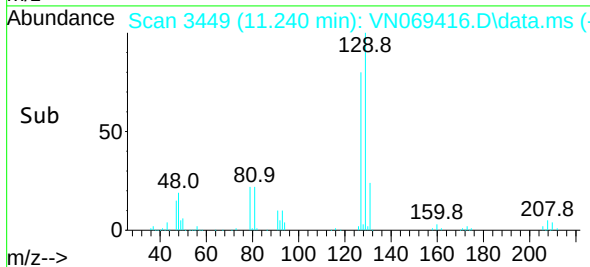
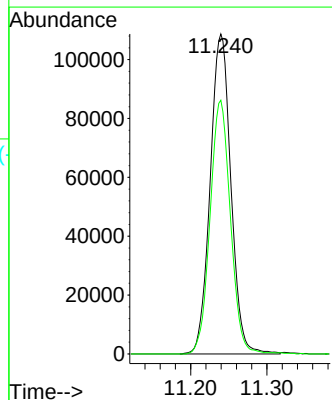
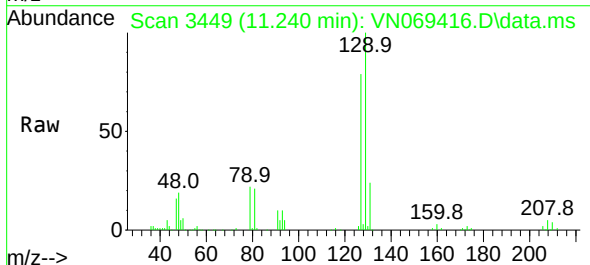
Manual Integrations
APPROVED

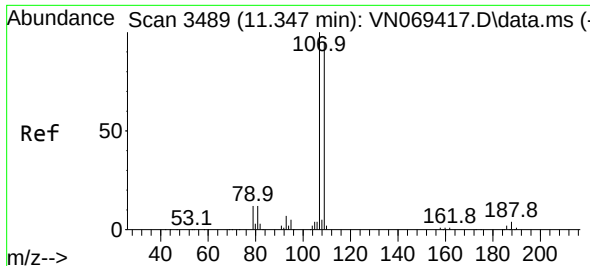
Reviewed By :John Carlone 11/10/2021
Supervised By :Semsettin Yesilyurt 11/17/2021



#60
Dibromochloromethane
Concen: 21.966 ug/l
RT: 11.240 min Scan# 3449
Delta R.T. -0.000 min
Lab File: VN069416.D
Acq: 9 Nov 2021 10:56

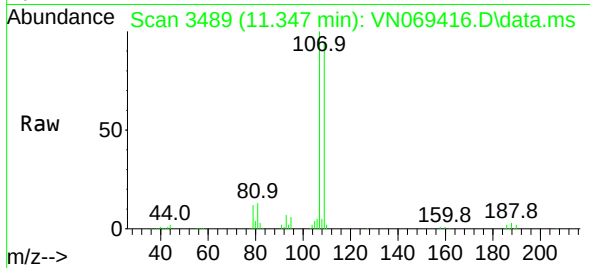
Tgt Ion:129 Resp: 205029
Ion Ratio Lower Upper
129 100
127 77.8 38.6 116.0





#61
1,2-Dibromoethane
Concen: 22.611 ug/l
RT: 11.347 min Scan# 3489
Delta R.T. -0.000 min
Lab File: VN069416.D
Acq: 9 Nov 2021 10:56

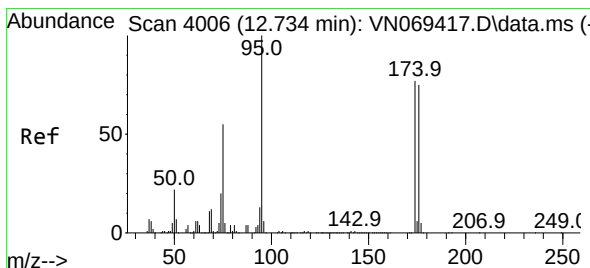
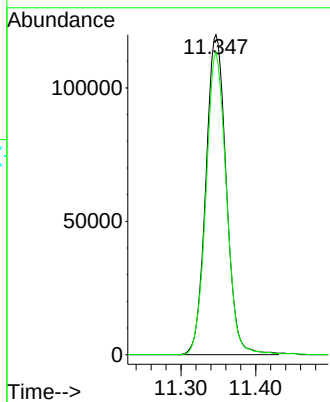
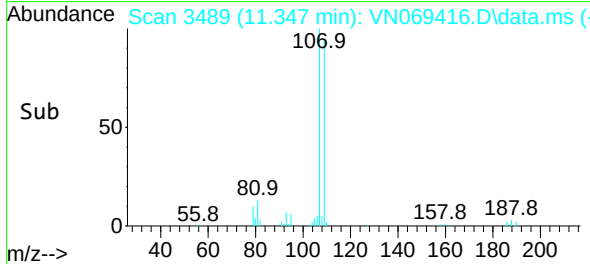
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



Tgt Ion:107 Resp: 227689
Ion Ratio Lower Upper
107 100
109 93.9 75.7 113.5

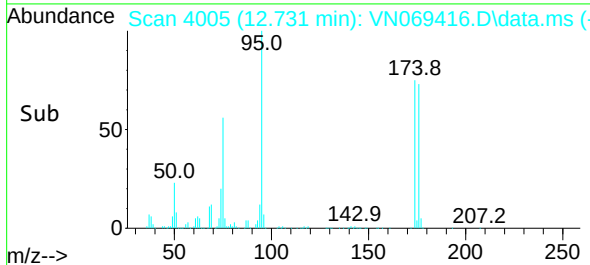
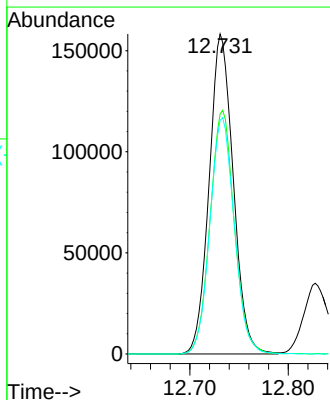
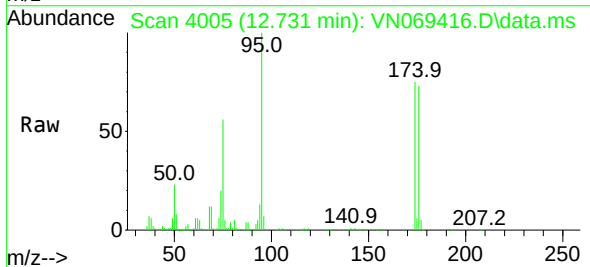
Manual Integrations
APPROVED

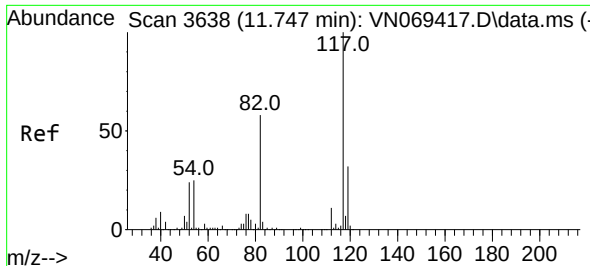
Reviewed By :John Carlone 11/10/2021
Supervised By :Semsettin Yesilyurt 11/17/2021



#62
4-Bromofluorobenzene
Concen: 22.166 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.003 min
Lab File: VN069416.D
Acq: 9 Nov 2021 10:56

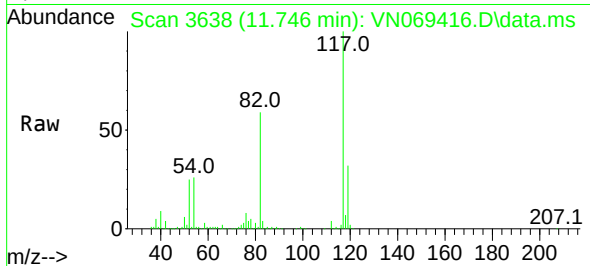
Tgt Ion: 95 Resp: 269804
Ion Ratio Lower Upper
95 100
174 76.9 0.0 187.2
176 74.9 0.0 181.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.746 min Scan# 3638
Delta R.T. -0.000 min
Lab File: VN069416.D
Acq: 9 Nov 2021 10:56

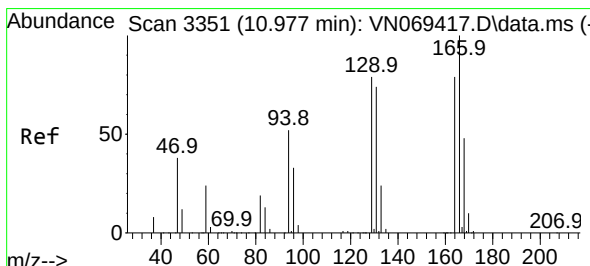
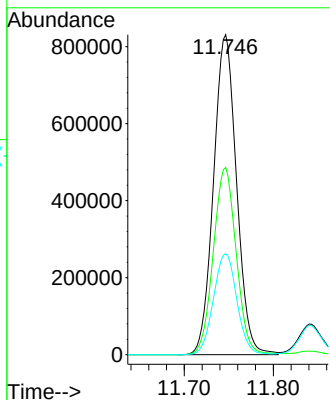
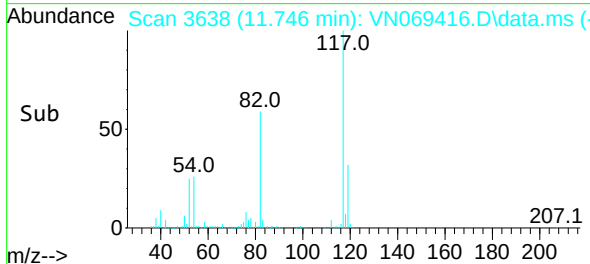
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



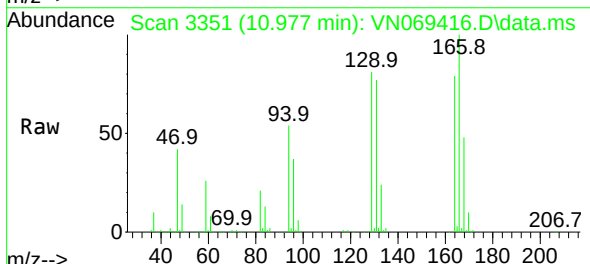
Tgt Ion:117 Resp: 1493820
Ion Ratio Lower Upper
117 100
82 58.5 42.4 63.6
119 31.6 25.4 38.2

Manual Integrations
APPROVED

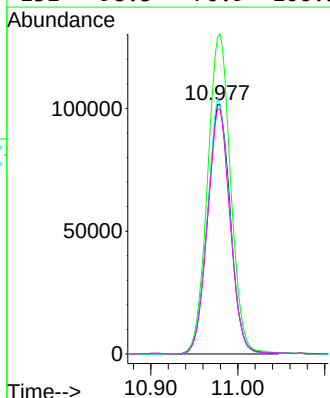
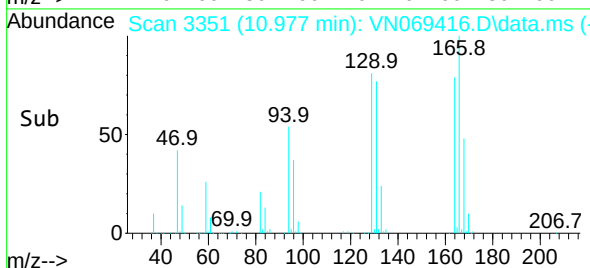
Reviewed By :John Carlone 11/10/2021
Supervised By :Semsettin Yesilyurt 11/17/2021

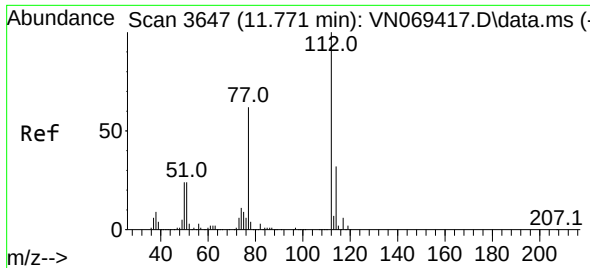


#64
Tetrachloroethene
Concen: 20.186 ug/l
RT: 10.977 min Scan# 3351
Delta R.T. -0.000 min
Lab File: VN069416.D
Acq: 9 Nov 2021 10:56



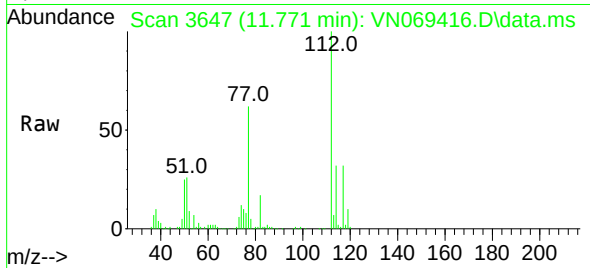
Tgt Ion:164 Resp: 185577
Ion Ratio Lower Upper
164 100
166 127.0 101.9 152.9
129 102.3 72.0 108.0
131 98.3 70.9 106.3





#65
Chlorobenzene
Concen: 22.007 ug/l
RT: 11.771 min Scan# 3647
Delta R.T. -0.000 min
Lab File: VN069416.D
Acq: 9 Nov 2021 10:56

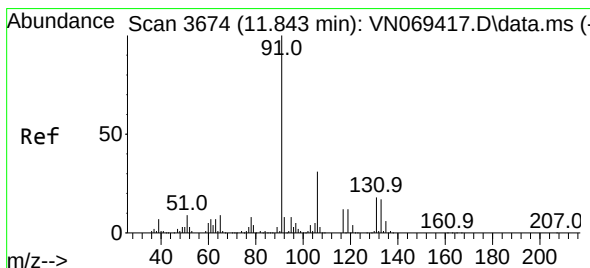
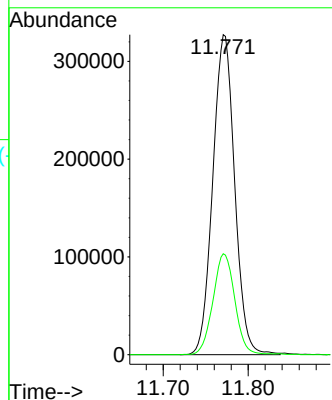
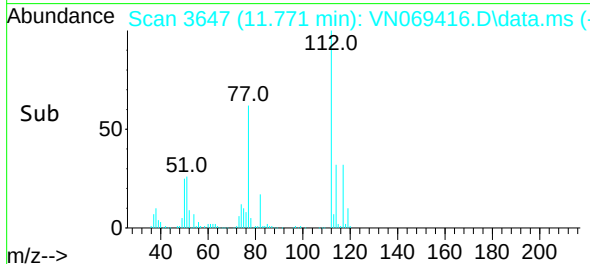
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



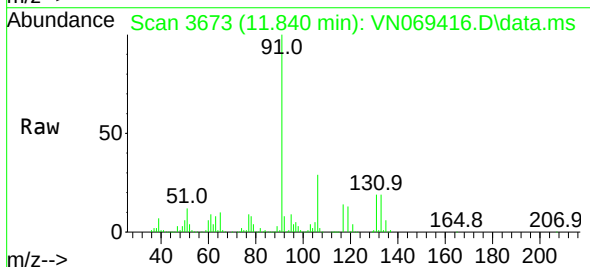
Tgt Ion:112 Resp: 58572
Ion Ratio Lower Upper
112 100
114 31.6 25.4 38.0

Manual Integrations
APPROVED

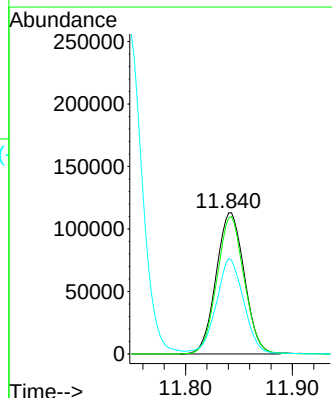
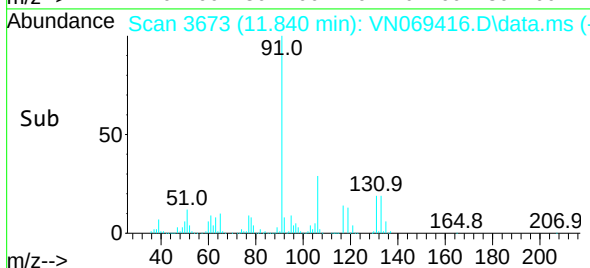
Reviewed By :John Carlone 11/10/2021
Supervised By :Semsettin Yesilyurt 11/17/2021

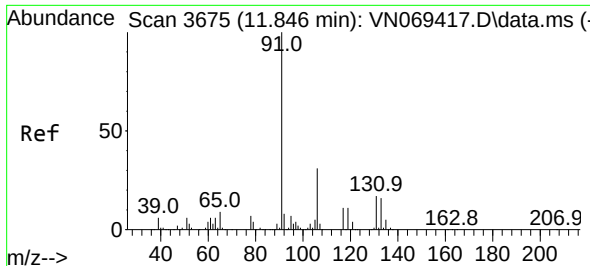


#66
1,1,1,2-Tetrachloroethane
Concen: 22.195 ug/l
RT: 11.840 min Scan# 3673
Delta R.T. -0.003 min
Lab File: VN069416.D
Acq: 9 Nov 2021 10:56



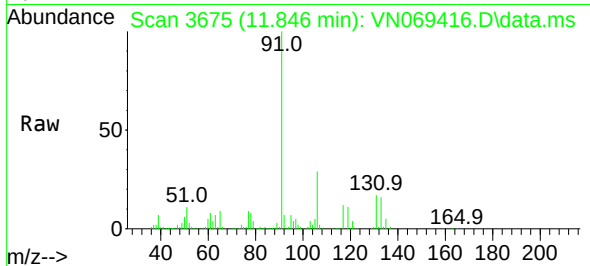
Tgt Ion:131 Resp: 207728
Ion Ratio Lower Upper
131 100
133 94.2 47.9 143.7
119 65.3 32.1 96.5





#67
Ethyl Benzene
Concen: 23.484 ug/l
RT: 11.846 min Scan# 3675
Delta R.T. -0.000 min
Lab File: VN069416.D
Acq: 9 Nov 2021 10:56

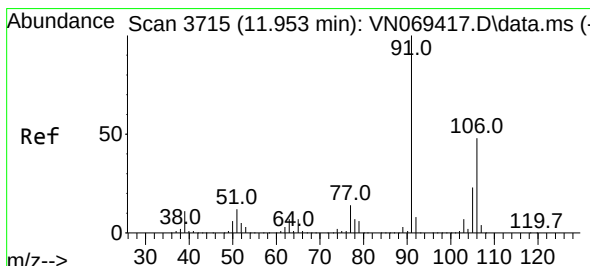
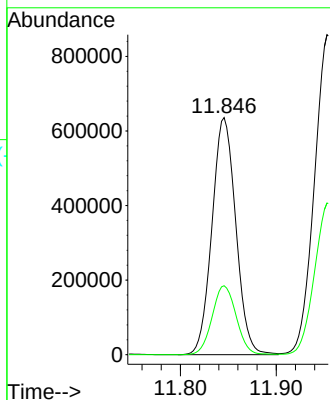
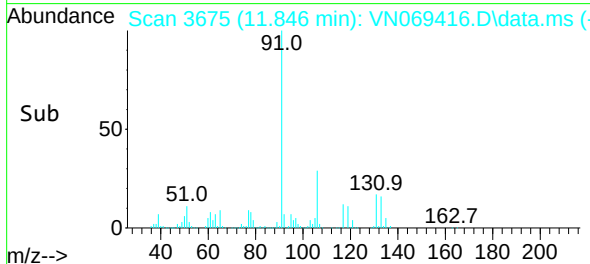
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



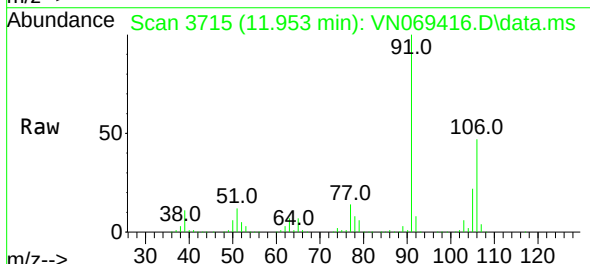
Tgt Ion: 91 Resp: 1096548
Ion Ratio Lower Upper
91 100
106 29.1 25.7 38.5

Manual Integrations
APPROVED

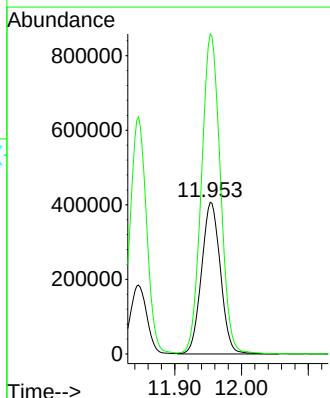
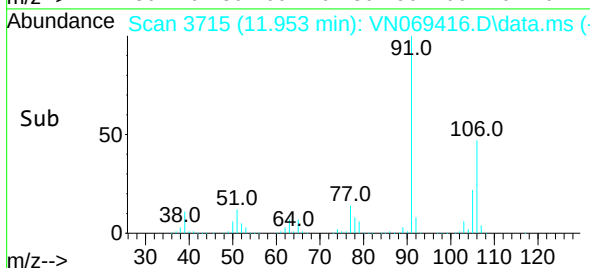
Reviewed By :John Carlone 11/10/2021
Supervised By :Semsettin Yesilyurt 11/17/2021

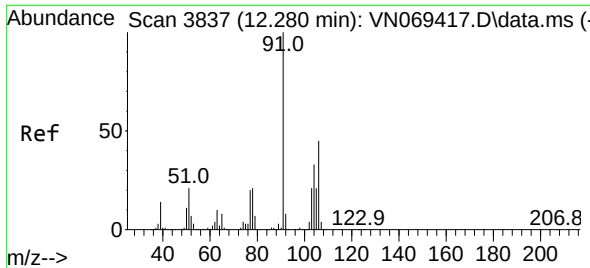


#68
m/p-Xylenes
Concen: 49.433 ug/l
RT: 11.953 min Scan# 3715
Delta R.T. -0.000 min
Lab File: VN069416.D
Acq: 9 Nov 2021 10:56



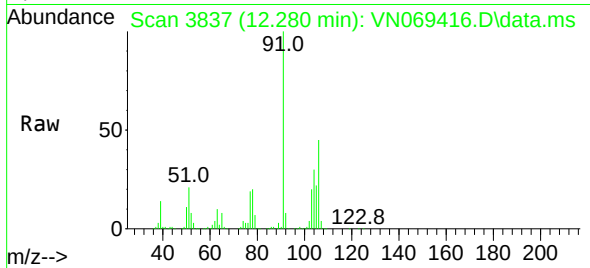
Tgt Ion:106 Resp: 799075
Ion Ratio Lower Upper
106 100
91 211.8 160.6 240.8





#69
o-Xylene
Concen: 22.793 ug/l
RT: 12.280 min Scan# 3837
Delta R.T. -0.000 min
Lab File: VN069416.D
Acq: 9 Nov 2021 10:56

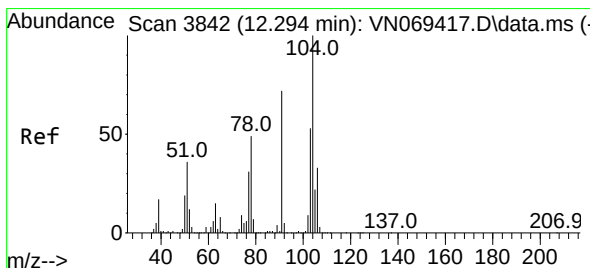
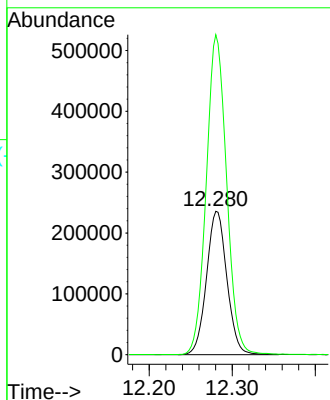
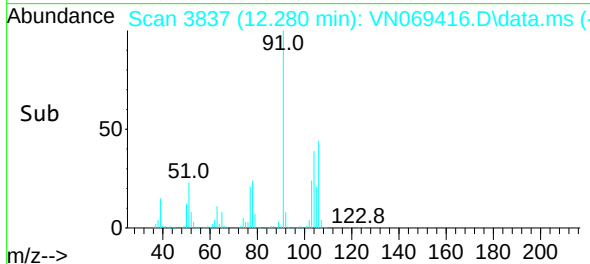
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



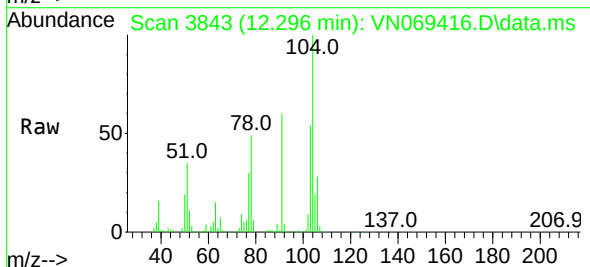
Tgt Ion:106 Resp: 401230
Ion Ratio Lower Upper
106 100
91 222.2 105.8 317.3

Manual Integrations
APPROVED

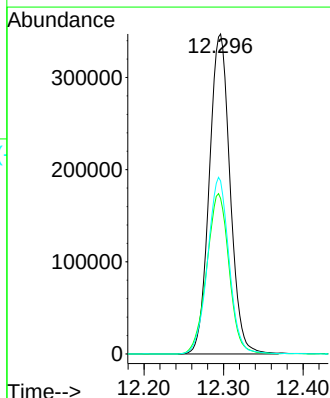
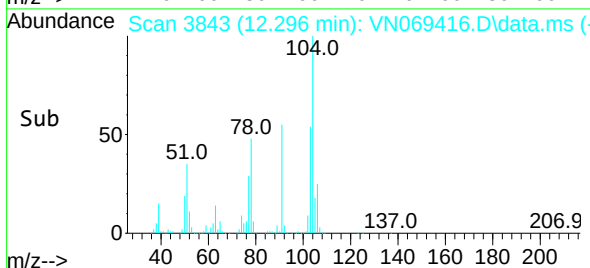
Reviewed By :John Carlone 11/10/2021
Supervised By :Semsettin Yesilyurt 11/17/2021

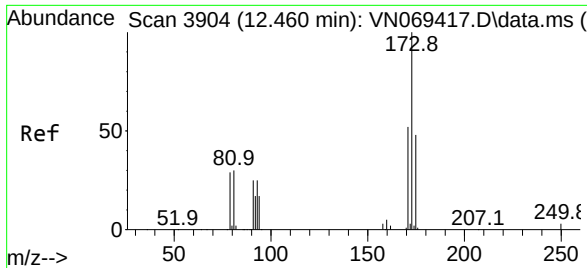


#70
Styrene
Concen: 22.756 ug/l
RT: 12.296 min Scan# 3843
Delta R.T. 0.002 min
Lab File: VN069416.D
Acq: 9 Nov 2021 10:56



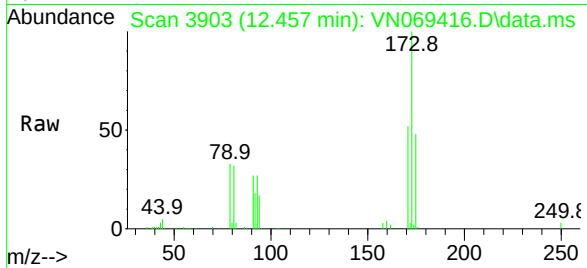
Tgt Ion:104 Resp: 631954
Ion Ratio Lower Upper
104 100
78 53.8 38.7 58.1
103 56.9 45.0 67.6





#71
Bromoform
Concen: 19.988 ug/l
RT: 12.457 min Scan# 3903
Delta R.T. -0.003 min
Lab File: VN069416.D
Acq: 9 Nov 2021 10:56

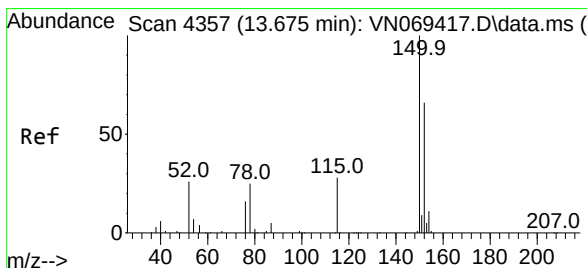
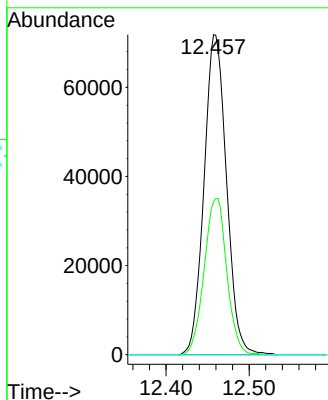
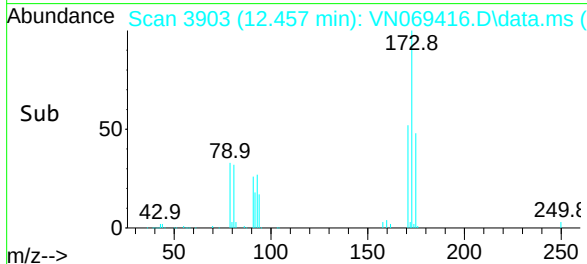
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



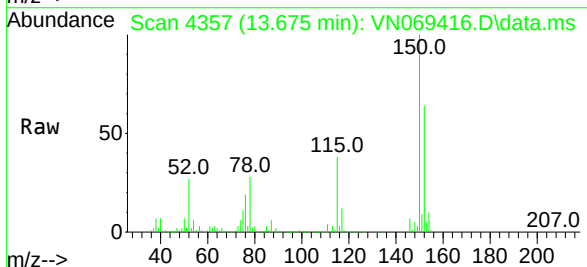
Tgt Ion:173 Resp: 134769
Ion Ratio Lower Upper
173 100
175 49.1 24.2 72.6
254 0.0 0.0 0.0

Manual Integrations
APPROVED

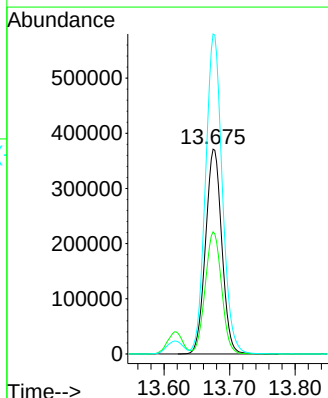
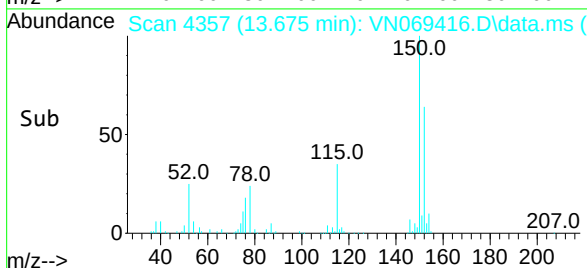
Reviewed By :John Carlone 11/10/2021
Supervised By :Semsettin Yesilyurt 11/17/2021

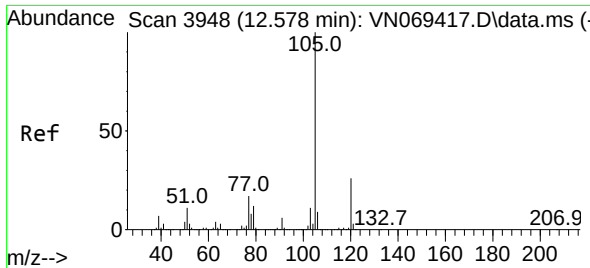


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.675 min Scan# 4357
Delta R.T. -0.000 min
Lab File: VN069416.D
Acq: 9 Nov 2021 10:56



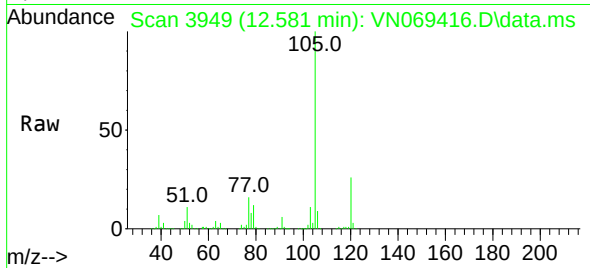
Tgt Ion:152 Resp: 638354
Ion Ratio Lower Upper
152 100
115 59.6 27.5 82.5
150 160.7 0.0 344.4





#73
Isopropylbenzene
Concen: 23.151 ug/l
RT: 12.581 min Scan# 3949
Delta R.T. 0.002 min
Lab File: VN069416.D
Acq: 9 Nov 2021 10:56

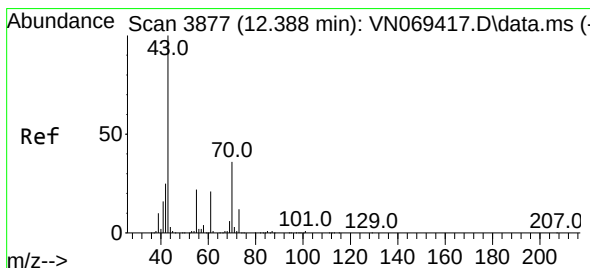
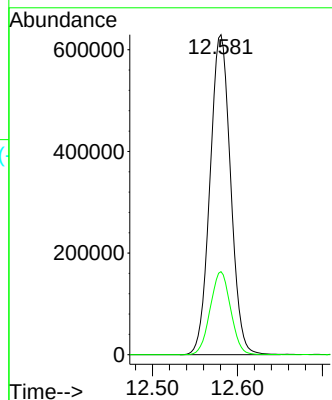
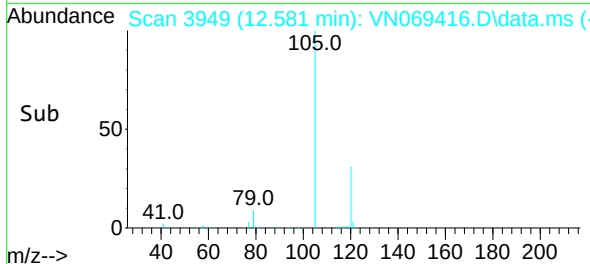
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



Tgt Ion:105 Resp: 105989
Ion Ratio Lower Upper
105 100
120 25.8 13.4 40.1

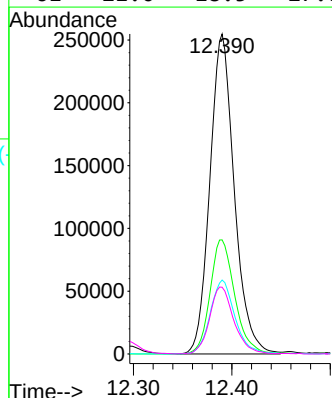
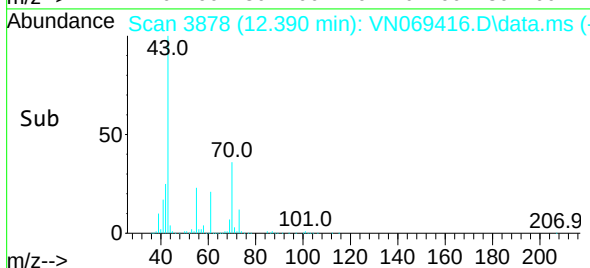
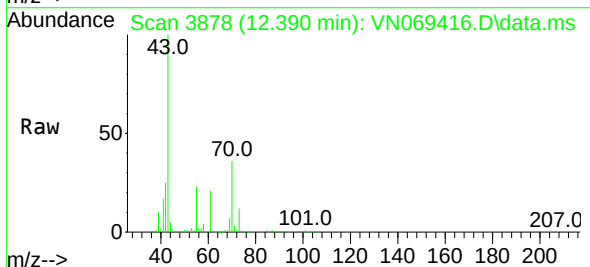
Manual Integrations
APPROVED

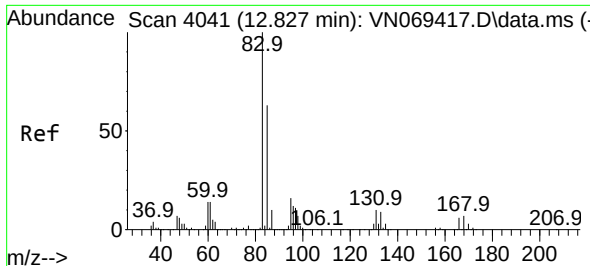
Reviewed By :John Carlone 11/10/2021
Supervised By :Semsettin Yesilyurt 11/17/2021



#74
N-amy1 acetate
Concen: 26.945 ug/l
RT: 12.390 min Scan# 3878
Delta R.T. 0.002 min
Lab File: VN069416.D
Acq: 9 Nov 2021 10:56

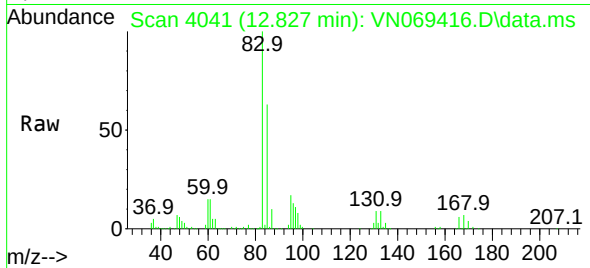
Tgt Ion: 43 Resp: 439619
Ion Ratio Lower Upper
43 100
70 36.2 33.4 50.0
55 23.4 19.3 28.9
61 21.0 18.5 27.7





#75
1,1,2,2-Tetrachloroethane
Concen: 24.027 ug/l
RT: 12.827 min Scan# 4041
Delta R.T. -0.000 min
Lab File: VN069416.D
Acq: 9 Nov 2021 10:56

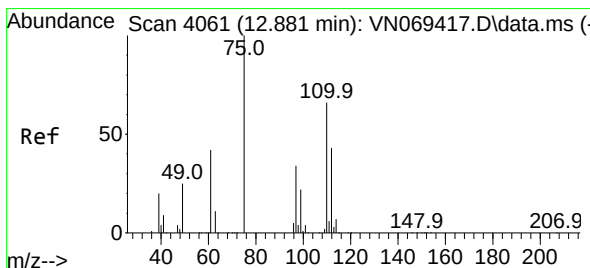
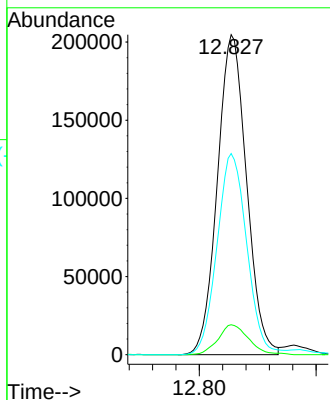
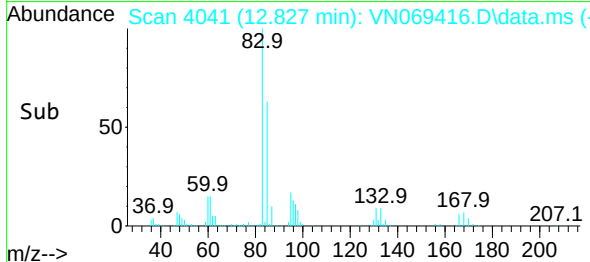
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



Tgt Ion: 83 Resp: 35510
Ion Ratio Lower Upper
83 100
131 9.8 5.5 16.5
85 64.0 32.4 97.2

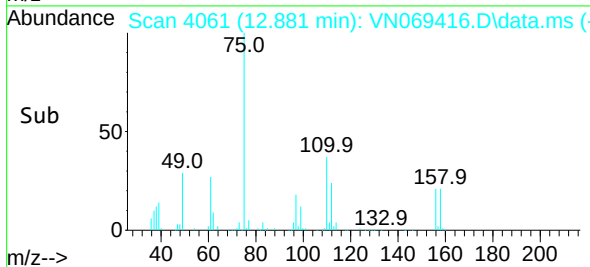
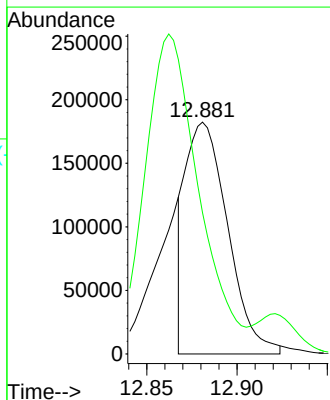
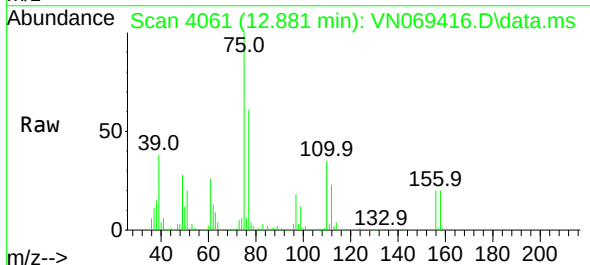
Manual Integrations
APPROVED

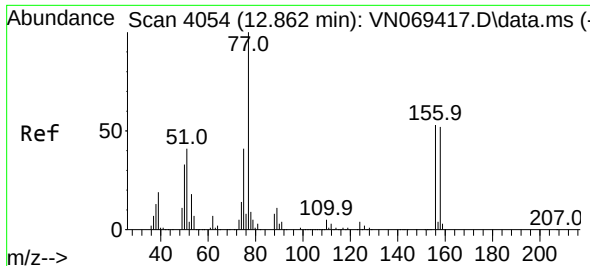
Reviewed By :John Carlone 11/10/2021
Supervised By :Semsettin Yesilyurt 11/17/2021



#76
1,2,3-Trichloropropane
Concen: 21.648 ug/l m
RT: 12.881 min Scan# 4061
Delta R.T. -0.000 min
Lab File: VN069416.D
Acq: 9 Nov 2021 10:56

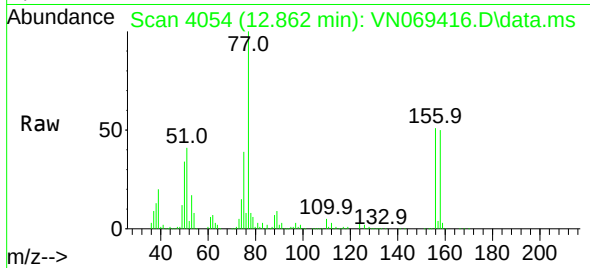
Tgt Ion: 75 Resp: 297801
Ion Ratio Lower Upper
75 100
77 176.1 82.6 247.8





#77
Bromobenzene
Concen: 20.822 ug/l
RT: 12.862 min Scan# 4054
Delta R.T. -0.000 min
Lab File: VN069416.D
Acq: 9 Nov 2021 10:56

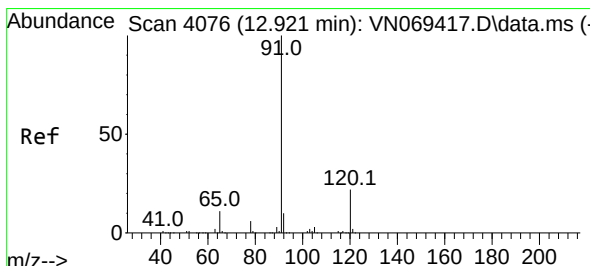
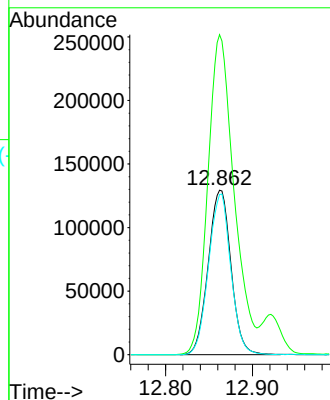
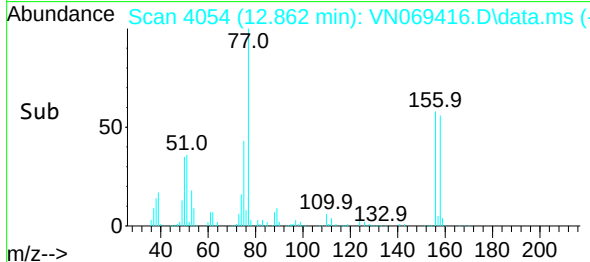
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



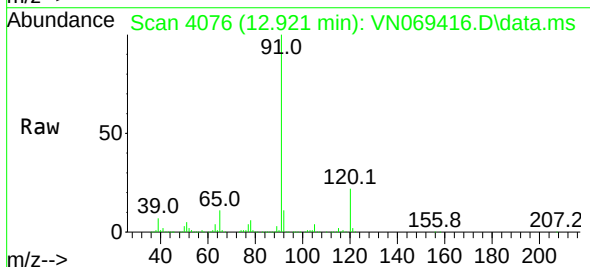
Tgt Ion:156 Resp: 23550
Ion Ratio Lower Upper
156 100
77 222.7 90.6 271.8
158 95.5 48.9 146.7

Manual Integrations
APPROVED

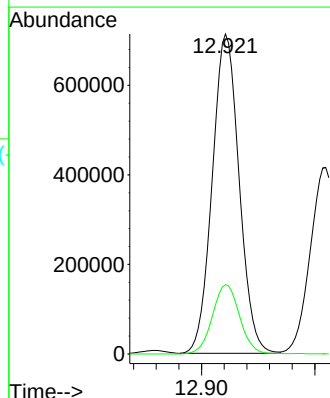
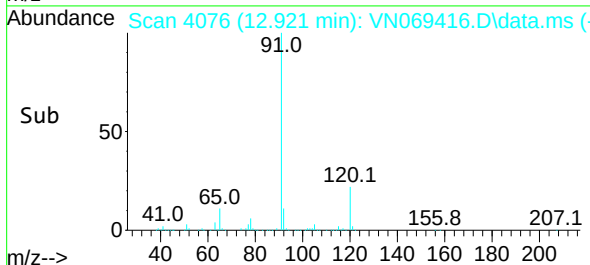
Reviewed By :John Carlone 11/10/2021
Supervised By :Semsettin Yesilyurt 11/17/2021

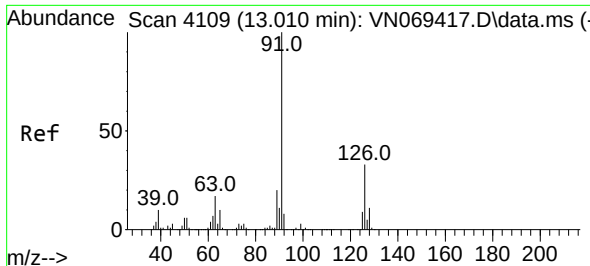


#78
n-propylbenzene
Concen: 23.604 ug/l
RT: 12.921 min Scan# 4076
Delta R.T. -0.000 min
Lab File: VN069416.D
Acq: 9 Nov 2021 10:56



Tgt Ion: 91 Resp: 1174526
Ion Ratio Lower Upper
91 100
120 22.0 11.9 35.9





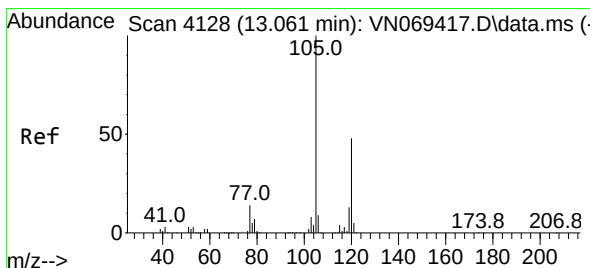
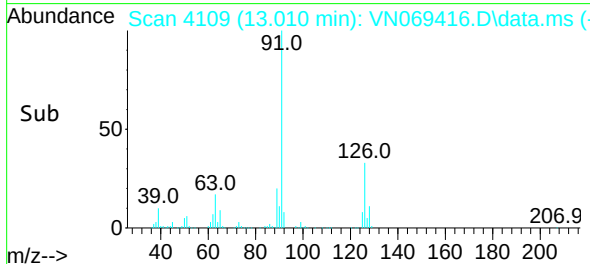
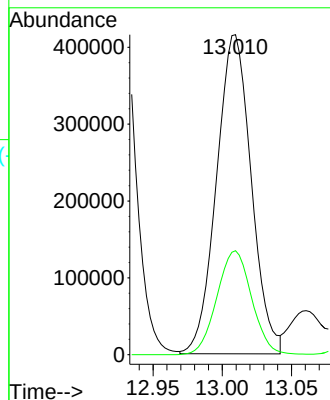
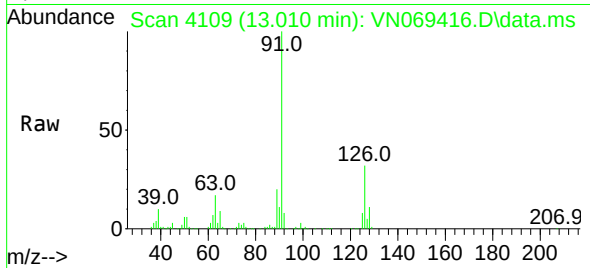
#79
2-Chlorotoluene
Concen: 23.527 ug/l
RT: 13.010 min Scan# 4109
Delta R.T. -0.000 min
Lab File: VN069416.D
Acq: 9 Nov 2021 10:56

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion: 91 Resp: 72527
Ion Ratio Lower Upper
91 100
126 32.6 18.3 54.8

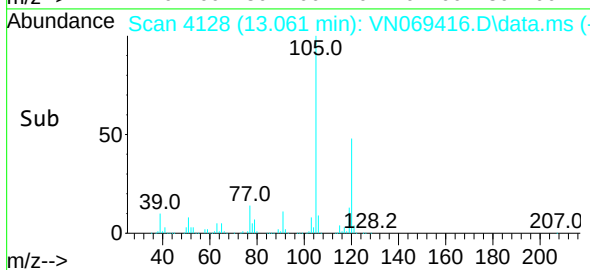
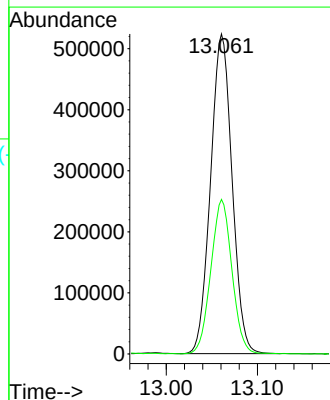
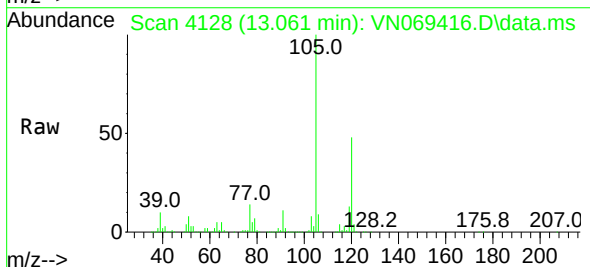
Manual Integrations
APPROVED

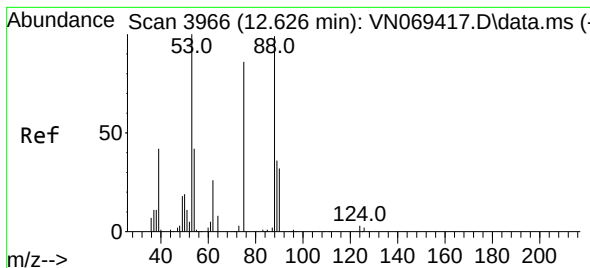
Reviewed By :John Carlone 11/10/2021
Supervised By :Semsettin Yesilyurt 11/17/2021



#80
1,3,5-Trimethylbenzene
Concen: 23.518 ug/l
RT: 13.061 min Scan# 4128
Delta R.T. -0.000 min
Lab File: VN069416.D
Acq: 9 Nov 2021 10:56

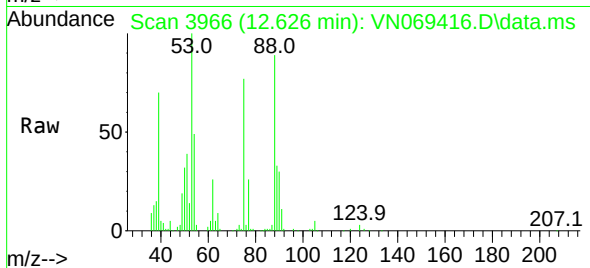
Tgt Ion:105 Resp: 859354
Ion Ratio Lower Upper
105 100
120 47.4 24.6 73.6





#81
trans-1,4-Dichloro-2-butene
Concen: 22.310 ug/l
RT: 12.626 min Scan# 3966
Delta R.T. -0.000 min
Lab File: VN069416.D
Acq: 9 Nov 2021 10:56

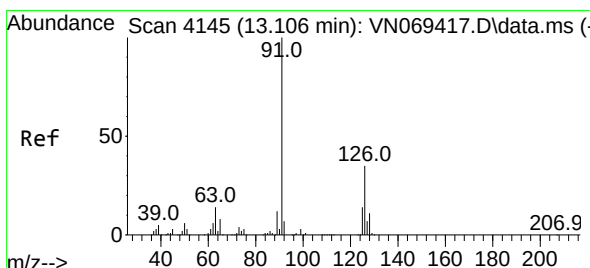
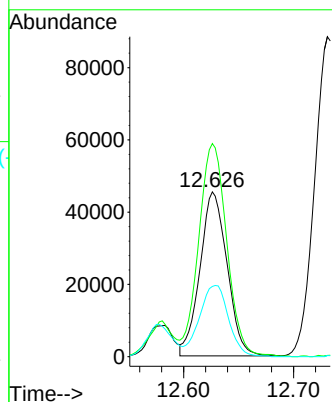
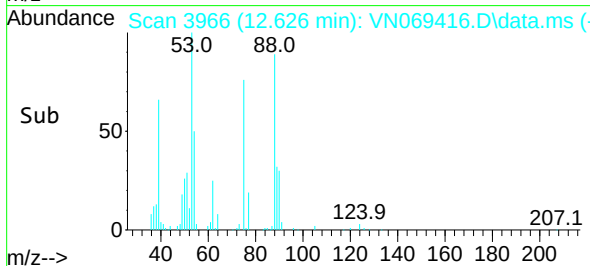
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



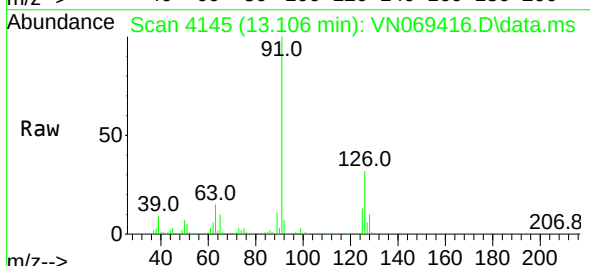
Tgt Ion: 75 Resp: 77864
Ion Ratio Lower Upper
75 100
53 134.6 90.5 135.7
89 46.7 38.2 57.4

Manual Integrations
APPROVED

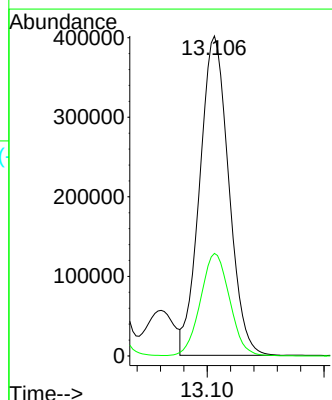
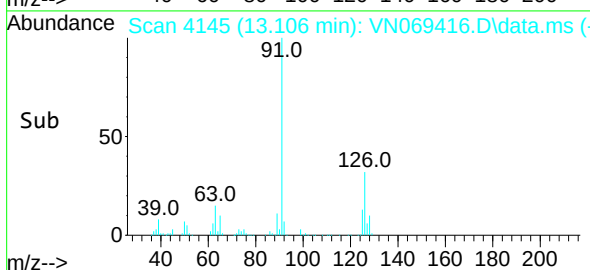
Reviewed By :John Carlone 11/10/2021
Supervised By :Semsettin Yesilyurt 11/17/2021

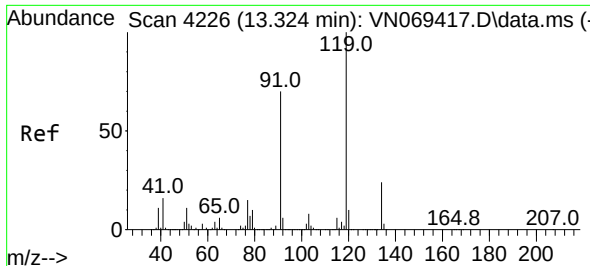


#82
4-Chlorotoluene
Concen: 23.646 ug/l
RT: 13.106 min Scan# 4145
Delta R.T. -0.000 min
Lab File: VN069416.D
Acq: 9 Nov 2021 10:56



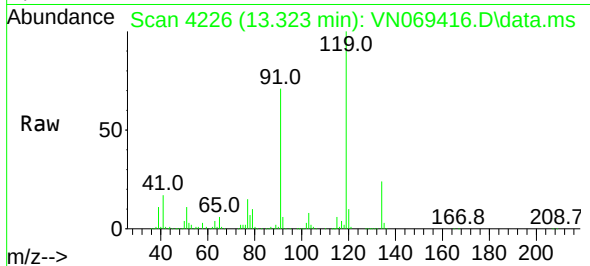
Tgt Ion: 91 Resp: 690546
Ion Ratio Lower Upper
91 100
126 32.5 18.2 54.6





#83
tert-Butylbenzene
Concen: 22.472 ug/l
RT: 13.323 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN069416.D
Acq: 9 Nov 2021 10:56

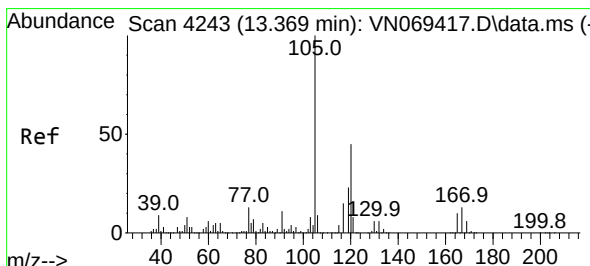
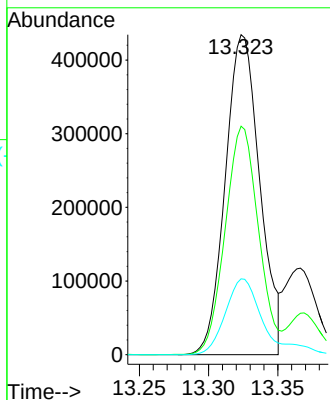
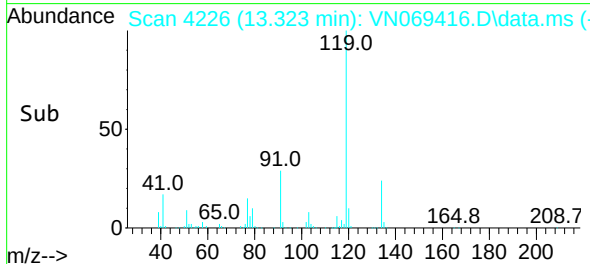
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



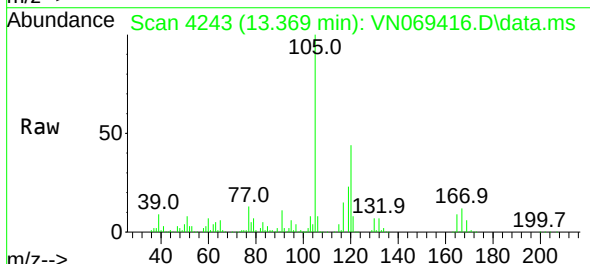
Tgt Ion:119 Resp: 75301
Ion Ratio Lower Upper
119 100
91 69.5 31.5 94.5
134 26.3 12.4 37.4

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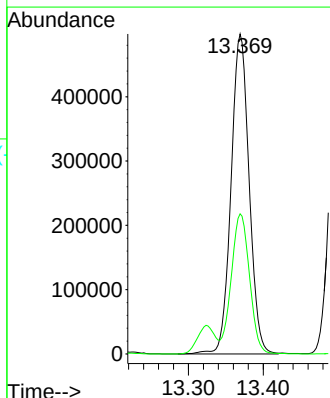
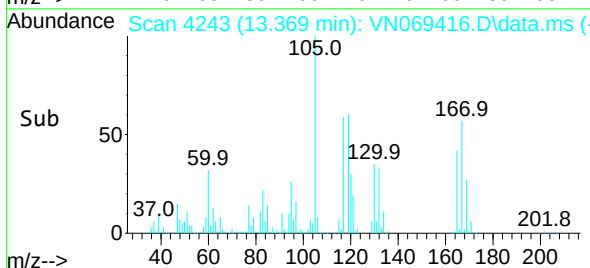
Reviewed By :John Carlone 11/10/2021
Supervised By :Semsettin Yesilyurt 11/17/2021

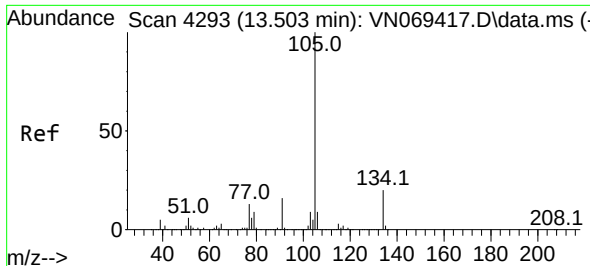


#84
1,2,4-Trimethylbenzene
Concen: 23.623 ug/l
RT: 13.369 min Scan# 4243
Delta R.T. -0.000 min
Lab File: VN069416.D
Acq: 9 Nov 2021 10:56



Tgt Ion:105 Resp: 835367
Ion Ratio Lower Upper
105 100
120 44.3 22.8 68.4





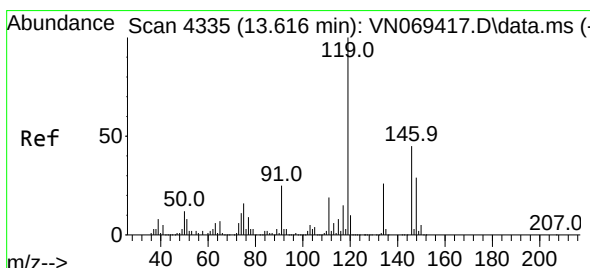
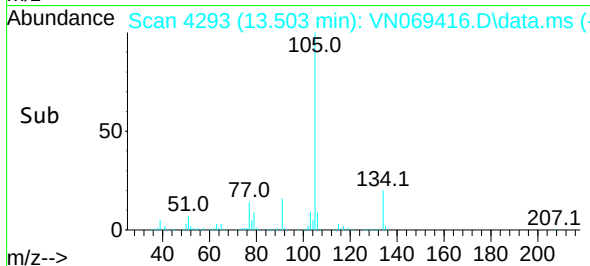
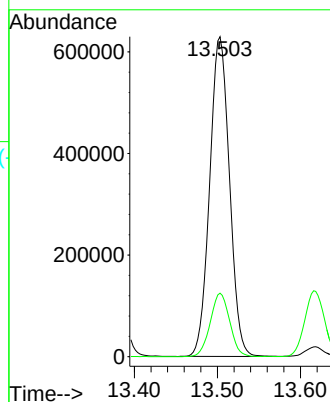
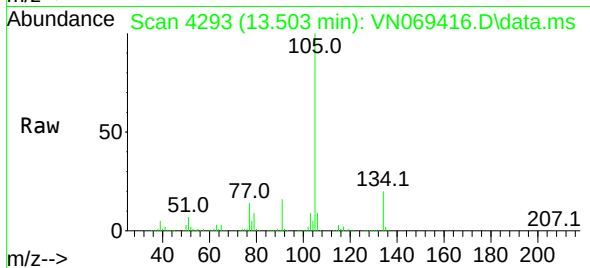
#85
 sec-Butylbenzene
 Concen: 23.249 ug/l
 RT: 13.503 min Scan# 4293
 Delta R.T. -0.000 min
 Lab File: VN069416.D
 Acq: 9 Nov 2021 10:56

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC020

Tgt Ion:105 Resp: 103991
 Ion Ratio Lower Upper
 105 100
 134 19.6 10.4 31.1

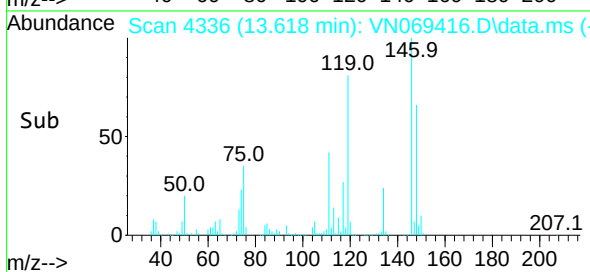
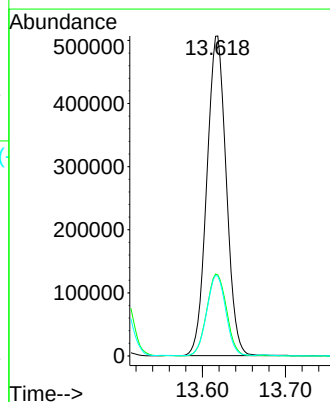
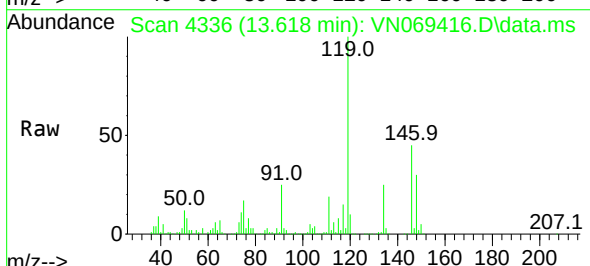
Manual Integrations
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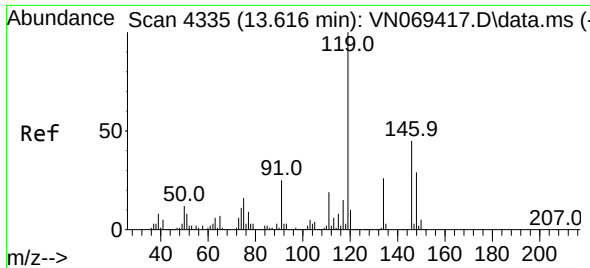
Reviewed By :John Carlone 11/10/2021
 Supervised By :Semsettin Yesilyurt 11/17/2021



#86
 p-Isopropyltoluene
 Concen: 22.631 ug/l
 RT: 13.618 min Scan# 4336
 Delta R.T. 0.002 min
 Lab File: VN069416.D
 Acq: 9 Nov 2021 10:56

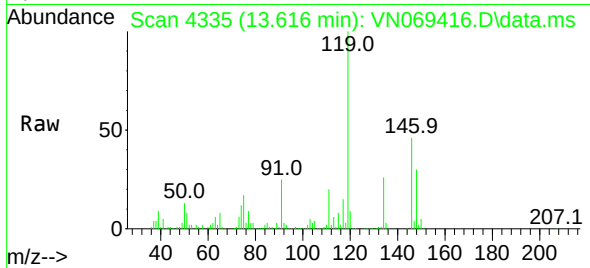
Tgt Ion:119 Resp: 821102
 Ion Ratio Lower Upper
 119 100
 134 26.1 13.6 40.7
 91 24.7 11.4 34.1





#87
1,3-Dichlorobenzene
Concen: 20.943 ug/l
RT: 13.616 min Scan# 4335
Delta R.T. -0.000 min
Lab File: VN069416.D
Acq: 9 Nov 2021 10:56

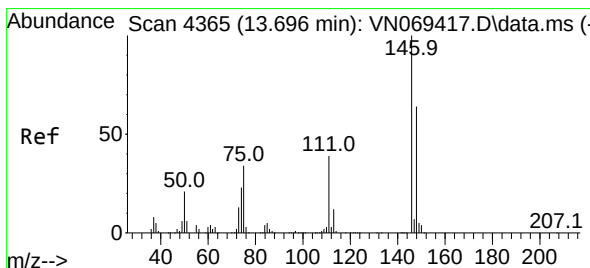
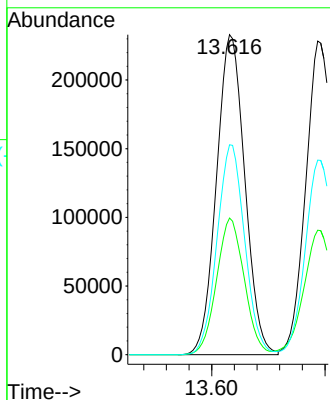
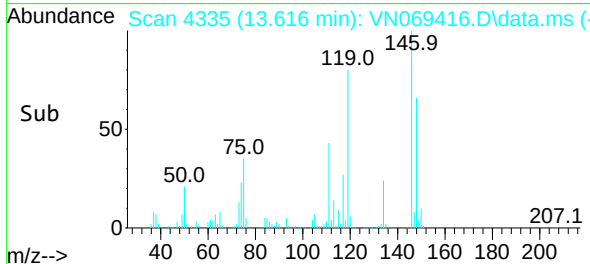
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



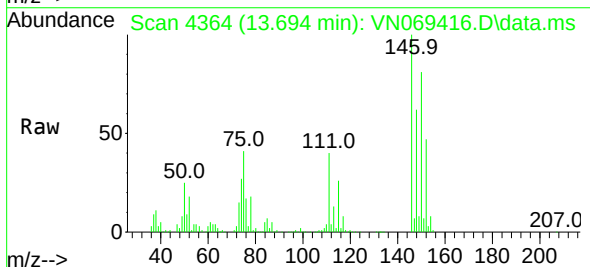
Tgt Ion:146 Resp: 404922
Ion Ratio Lower Upper
146 100
111 41.7 18.6 55.6
148 64.1 31.6 95.0

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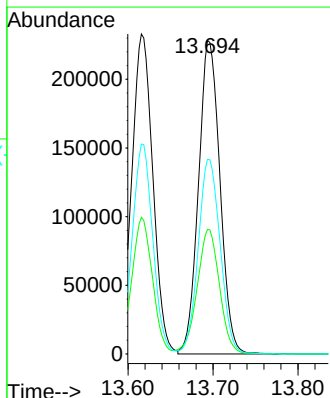
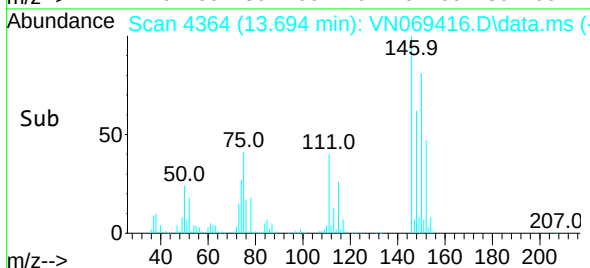
Reviewed By :John Carlone 11/10/2021
Supervised By :Semsettin Yesilyurt 11/17/2021

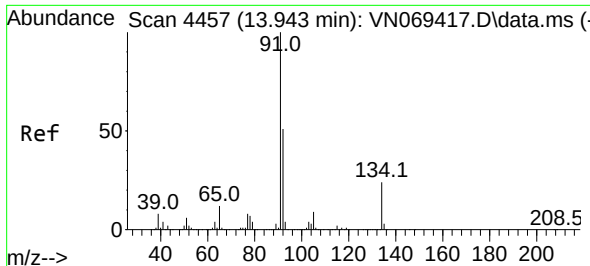


#88
1,4-Dichlorobenzene
Concen: 20.902 ug/l
RT: 13.694 min Scan# 4364
Delta R.T. -0.003 min
Lab File: VN069416.D
Acq: 9 Nov 2021 10:56



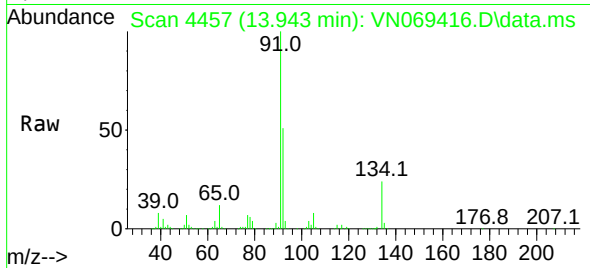
Tgt Ion:146 Resp: 400278
Ion Ratio Lower Upper
146 100
111 41.7 18.3 54.8
148 63.8 31.8 95.4





#89
n-Butylbenzene
Concen: 22.742 ug/l
RT: 13.943 min Scan# 4457
Delta R.T. -0.000 min
Lab File: VN069416.D
Acq: 9 Nov 2021 10:56

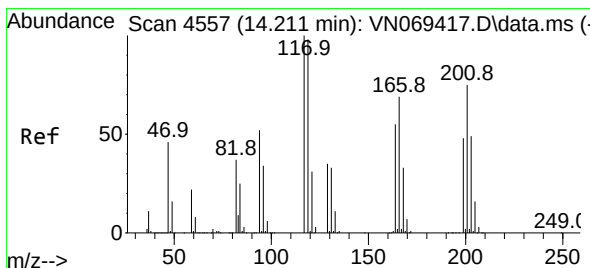
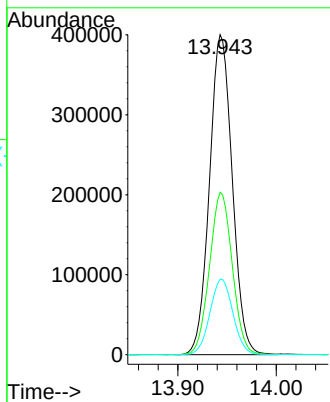
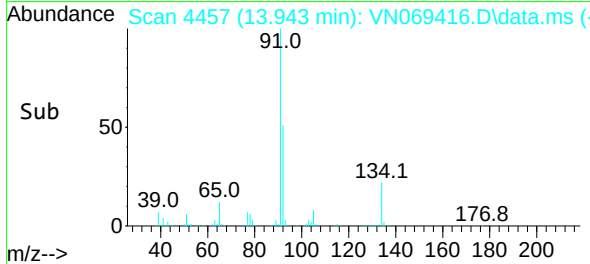
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



Tgt Ion: 91 Resp: 64567
Ion Ratio Lower Upper
91 100
92 50.8 25.4 76.0
134 23.8 13.6 40.8

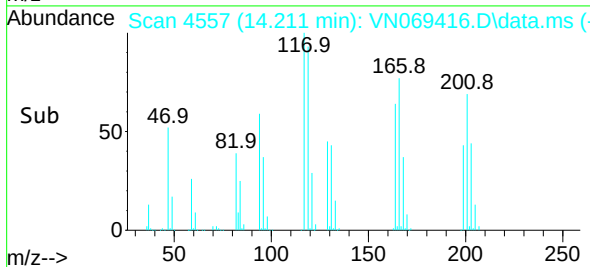
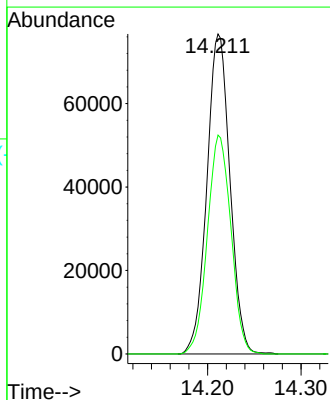
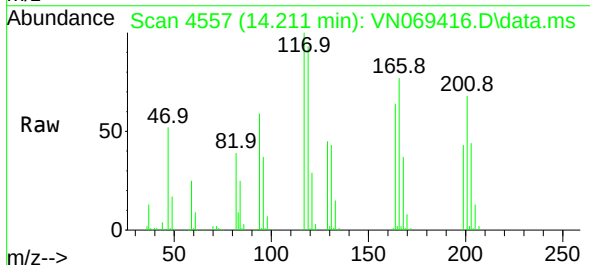
Manual Integrations
APPROVED

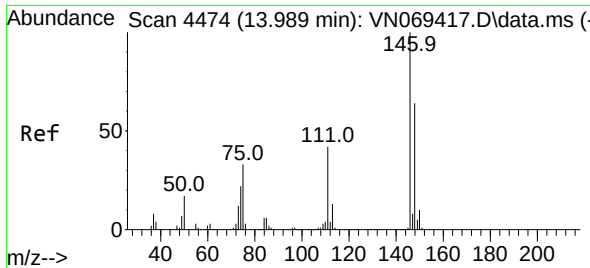
Reviewed By :John Carlone 11/10/2021
Supervised By :Semsettin Yesilyurt 11/17/2021



#90
Hexachloroethane
Concen: 22.510 ug/l
RT: 14.211 min Scan# 4557
Delta R.T. -0.000 min
Lab File: VN069416.D
Acq: 9 Nov 2021 10:56

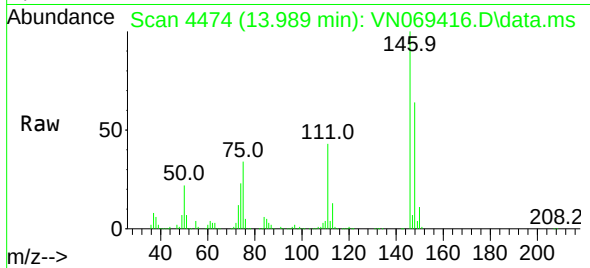
Tgt Ion:117 Resp: 131518
Ion Ratio Lower Upper
117 100
201 69.8 43.9 131.6





#91
1,2-Dichlorobenzene
Concen: 21.450 ug/l
RT: 13.989 min Scan# 4474
Delta R.T. -0.000 min
Lab File: VN069416.D
Acq: 9 Nov 2021 10:56

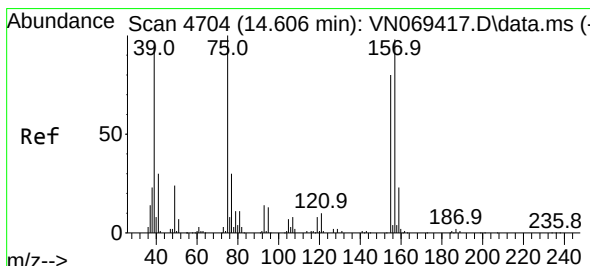
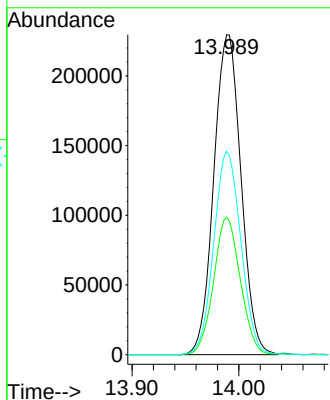
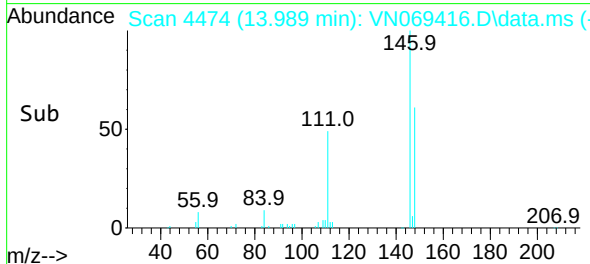
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



Tgt Ion:146 Resp: 40695
Ion Ratio Lower Upper
146 100
111 42.2 19.1 57.3
148 63.4 32.1 96.3

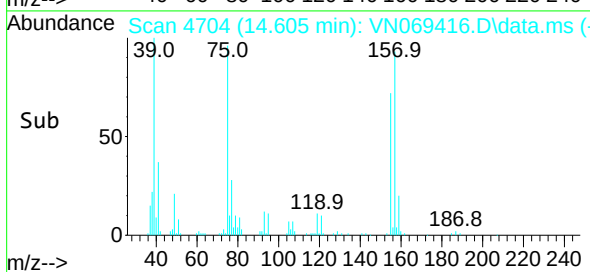
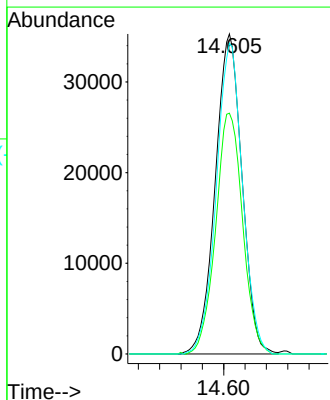
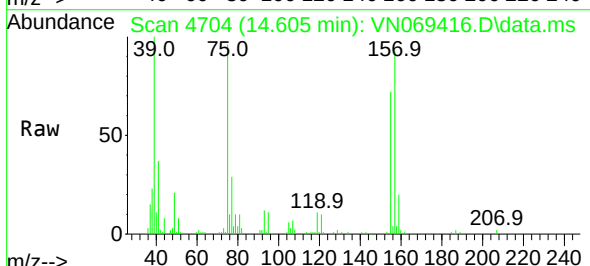
Manual Integrations
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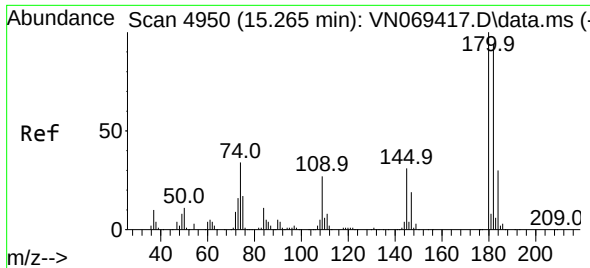
Reviewed By :John Carlone 11/10/2021
Supervised By :Semsettin Yesilyurt 11/17/2021



#92
1,2-Dibromo-3-Chloropropane
Concen: 25.971 ug/l
RT: 14.605 min Scan# 4704
Delta R.T. -0.000 min
Lab File: VN069416.D
Acq: 9 Nov 2021 10:56

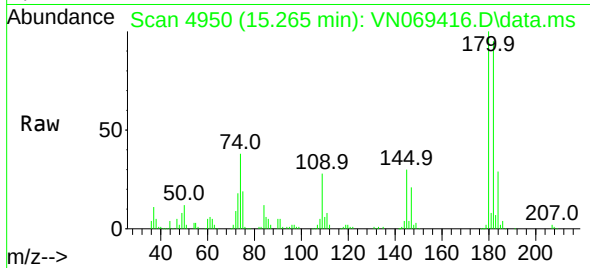
Tgt Ion: 75 Resp: 61275
Ion Ratio Lower Upper
75 100
155 75.9 46.9 140.7
157 95.3 60.6 181.7





#93
1,2,4-Trichlorobenzene
Concen: 18.639 ug/l
RT: 15.265 min Scan# 4950
Delta R.T. -0.000 min
Lab File: VN069416.D
Acq: 9 Nov 2021 10:56

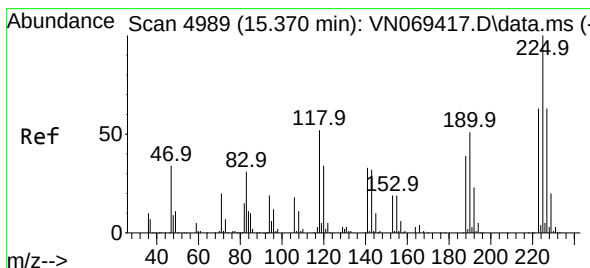
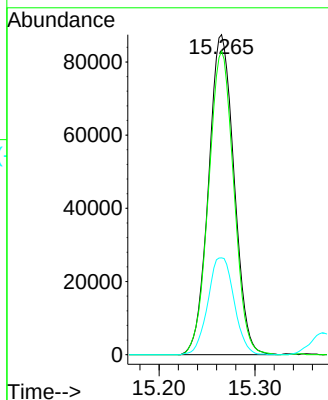
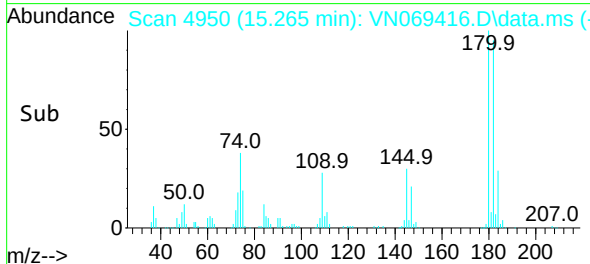
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



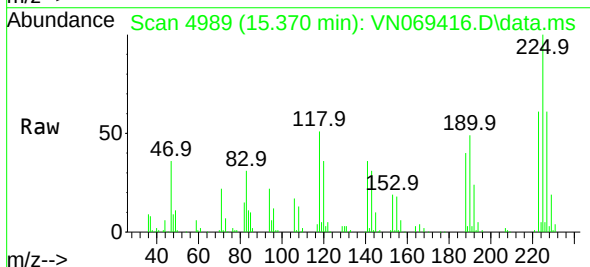
Tgt Ion:180 Resp: 161184
Ion Ratio Lower Upper
180 100
182 93.6 48.3 144.9
145 31.2 14.5 43.5

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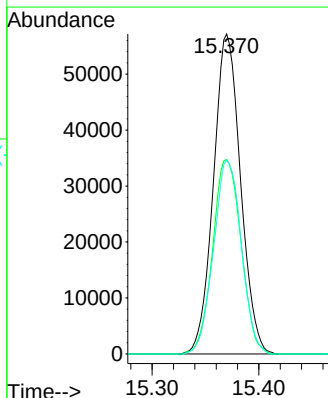
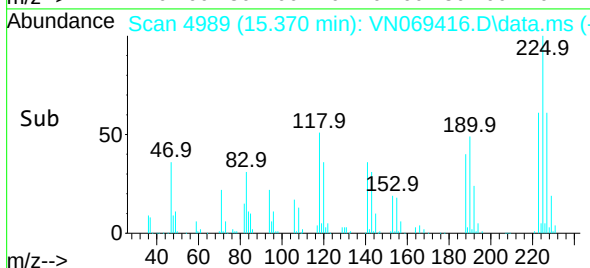
Reviewed By :John Carlone 11/10/2021
Supervised By :Semsettin Yesilyurt 11/17/2021

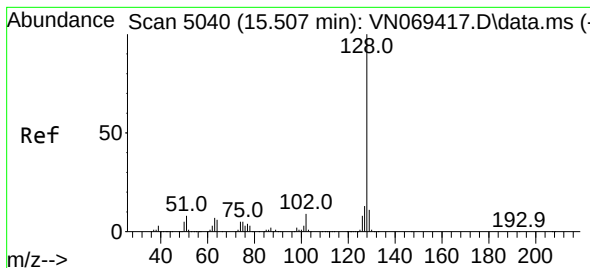


#94
Hexachlorobutadiene
Concen: 18.779 ug/l
RT: 15.370 min Scan# 4989
Delta R.T. -0.000 min
Lab File: VN069416.D
Acq: 9 Nov 2021 10:56



Tgt Ion:225 Resp: 100951
Ion Ratio Lower Upper
225 100
223 63.5 31.9 95.7
227 62.0 32.1 96.3





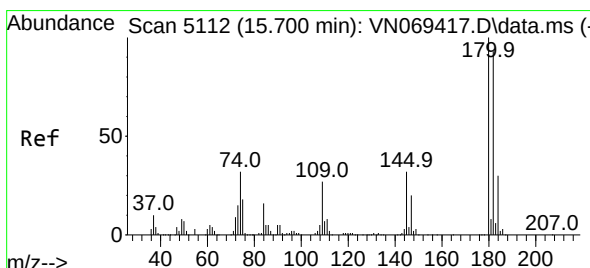
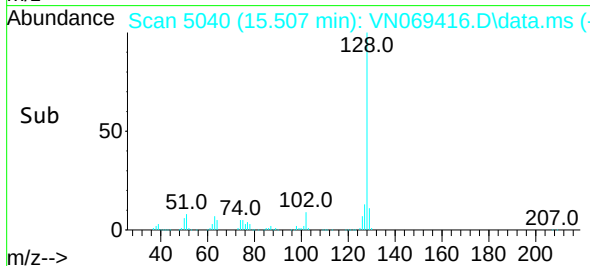
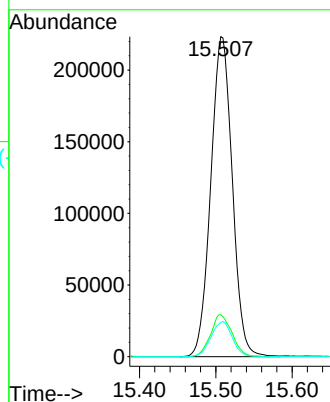
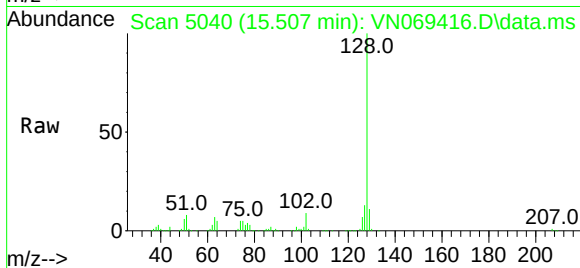
#95
Naphthalene
Concen: 18.657 ug/l
RT: 15.507 min Scan# 5040
Delta R.T. -0.000 min
Lab File: VN069416.D
Acq: 9 Nov 2021 10:56

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion:128 Resp: 43684
Ion Ratio Lower Upper
128 100
127 13.1 10.5 15.7
129 10.9 8.7 13.1

Manual Integrations
APPROVED

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



#96
1,2,3-Trichlorobenzene
Concen: 18.410 ug/l
RT: 15.702 min Scan# 5113
Delta R.T. 0.002 min
Lab File: VN069416.D
Acq: 9 Nov 2021 10:56

Tgt Ion:180 Resp: 156681
Ion Ratio Lower Upper
180 100
182 98.7 47.4 142.2
145 33.6 15.0 45.1

