

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101823\
 Data File : VY016017.D
 Acq On : 18 Oct 2023 12:40
 Operator : SY/MD
 Sample : VSTDICCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/19/2023
 Supervised By : Semsettin Yesilyurt 10/20/2023

Quant Time: Oct 19 02:56:13 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y101823S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 19 02:50:45 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	216315	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	350491	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	321693	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	164157	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	112853	45.902	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	91.800%		
35) Dibromofluoromethane	7.722	113	106001	45.948	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	91.900%		
50) Toluene-d8	10.185	98	384656	45.909	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	91.820%		
62) 4-Bromofluorobenzene	12.483	95	138951	46.478	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	92.960%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	90939	50.866	ug/l	97
3) Chloromethane	2.107	50	114873	50.887	ug/l	98
4) Vinyl Chloride	2.247	62	126882	50.081	ug/l	96
5) Bromomethane	2.644	94	93069	50.359	ug/l	99
6) Chloroethane	2.790	64	84359	51.782	ug/l	98
7) Trichlorofluoromethane	3.119	101	187653	48.670	ug/l	100
8) Diethyl Ether	3.534	74	66928	49.133	ug/l	87
9) 1,1,2-Trichlorotrifluo...	3.893	101	107658	48.541	ug/l	96
10) Methyl Iodide	4.088	142	147588	50.962	ug/l	98
11) Tert butyl alcohol	4.966	59	87821	231.400	ug/l #	81
12) 1,1-Dichloroethene	3.869	96	102153	49.226	ug/l	91
13) Acrolein	3.729	56	69241	258.255	ug/l	98
14) Allyl chloride	4.479	41	160258	49.387	ug/l	95
15) Acrylonitrile	5.167	53	205456	252.825	ug/l	99
16) Acetone	3.948	43	233184	255.864	ug/l	92
17) Carbon Disulfide	4.192	76	299432	49.253	ug/l	99
18) Methyl Acetate	4.479	43	162707	51.871	ug/l	91
19) Methyl tert-butyl Ether	5.222	73	339443	50.703	ug/l	98
20) Methylene Chloride	4.716	84	121041	44.707	ug/l	89
21) trans-1,2-Dichloroethene	5.222	96	119817	49.581	ug/l	94
22) Diisopropyl ether	6.125	45	361467	51.158	ug/l #	90
23) Vinyl Acetate	6.064	43	1127374	257.219	ug/l #	93
24) 1,1-Dichloroethane	6.021	63	207047	49.394	ug/l	97
25) 2-Butanone	6.990	43	316320	253.396	ug/l	94
26) 2,2-Dichloropropane	6.978	77	181567	48.142	ug/l	97
27) cis-1,2-Dichloroethene	6.984	96	138236	49.669	ug/l	93
28) Bromochloromethane	7.338	49	94652	52.798	ug/l	90
29) Tetrahydrofuran	7.350	42	196746	260.381	ug/l	90
30) Chloroform	7.508	83	223253	49.673	ug/l	97
31) Cyclohexane	7.789	56	182803	47.504	ug/l	88
32) 1,1,1-Trichloroethane	7.704	97	200469	49.851	ug/l	98
36) 1,1-Dichloropropene	7.923	75	170279	49.060	ug/l	99
37) Ethyl Acetate	7.076	43	124386	49.717	ug/l #	94
38) Carbon Tetrachloride	7.905	117	179729	48.720	ug/l	98
39) Methylcyclohexane	9.185	83	212857	49.073	ug/l	94
40) Benzene	8.161	78	481704	49.243	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.326	41	68341m	54.252	ug/l	
42) 1,2-Dichloroethane	8.240	62	155490	49.345	ug/l	94
43) Isopropyl Acetate	8.277	43	223625	51.124	ug/l	95
44) Trichloroethene	8.941	130	132996	48.489	ug/l	96
45) 1,2-Dichloropropane	9.216	63	119996	49.015	ug/l	97
46) Dibromomethane	9.307	93	81344	50.049	ug/l	97
47) Bromodichloromethane	9.496	83	176975	49.682	ug/l	98
48) Methyl methacrylate	9.295	41	102853	51.657	ug/l	88
49) 1,4-Dioxane	9.307	88	28578	1104.262	ug/l #	67
51) 4-Methyl-2-Pentanone	10.069	43	647186	257.290	ug/l	91
52) Toluene	10.246	92	318837	50.251	ug/l	94
53) t-1,3-Dichloropropene	10.465	75	195481	50.658	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	210580	50.062	ug/l	91
55) 1,1,2-Trichloroethane	10.648	97	111898	50.114	ug/l	96
56) Ethyl methacrylate	10.514	69	170494	52.248	ug/l #	86
57) 1,3-Dichloropropane	10.788	76	190395	50.264	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.782	63	401675	256.273	ug/l	94
59) 2-Hexanone	10.831	43	495939	259.143	ug/l	90
60) Dibromochloromethane	10.983	129	134949	49.974	ug/l	98
61) 1,2-Dibromoethane	11.093	107	114295	50.298	ug/l	99
64) Tetrachloroethene	10.721	164	120768	48.414	ug/l	98
65) Chlorobenzene	11.520	112	344249	49.412	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	128758	49.033	ug/l	98
67) Ethyl Benzene	11.593	91	613647	49.776	ug/l	99
68) m/p-Xylenes	11.703	106	479754	99.797	ug/l	95
69) o-Xylene	12.032	106	228375	49.936	ug/l	97
70) Styrene	12.044	104	389865	50.017	ug/l	96
71) Bromoform	12.209	173	94308	51.039	ug/l #	99
73) Isopropylbenzene	12.331	105	604450	49.224	ug/l	99
74) N-amyl acetate	12.142	43	198279	51.122	ug/l #	90
75) 1,1,2,2-Tetrachloroethane	12.581	83	151523	49.267	ug/l	98
76) 1,2,3-Trichloropropane	12.636	75	116520m	50.320	ug/l	
77) Bromobenzene	12.611	156	146298	49.085	ug/l	98
78) n-propylbenzene	12.672	91	730253	49.373	ug/l	99
79) 2-Chlorotoluene	12.758	91	409249	49.296	ug/l	98
80) 1,3,5-Trimethylbenzene	12.812	105	504597	49.611	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.380	75	53722	50.454	ug/l	93
82) 4-Chlorotoluene	12.855	91	431415	49.792	ug/l	100
83) tert-Butylbenzene	13.075	119	444253	49.812	ug/l	97
84) 1,2,4-Trimethylbenzene	13.117	105	506521	50.150	ug/l	98
85) sec-Butylbenzene	13.251	105	664679	49.900	ug/l	100
86) p-Isopropyltoluene	13.367	119	559662	50.278	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	286721	49.443	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	286732	49.109	ug/l	99
89) n-Butylbenzene	13.696	91	519096	50.093	ug/l	97
90) Hexachloroethane	13.959	117	104815	49.395	ug/l	90
91) 1,2-Dichlorobenzene	13.739	146	263325	49.457	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	28267	48.283	ug/l	90
93) 1,2,4-Trichlorobenzene	15.007	180	169160	49.872	ug/l	99
94) Hexachlorobutadiene	15.111	225	89698	48.688	ug/l	99
95) Naphthalene	15.233	128	422155	50.709	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	155452	50.175	ug/l	99

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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

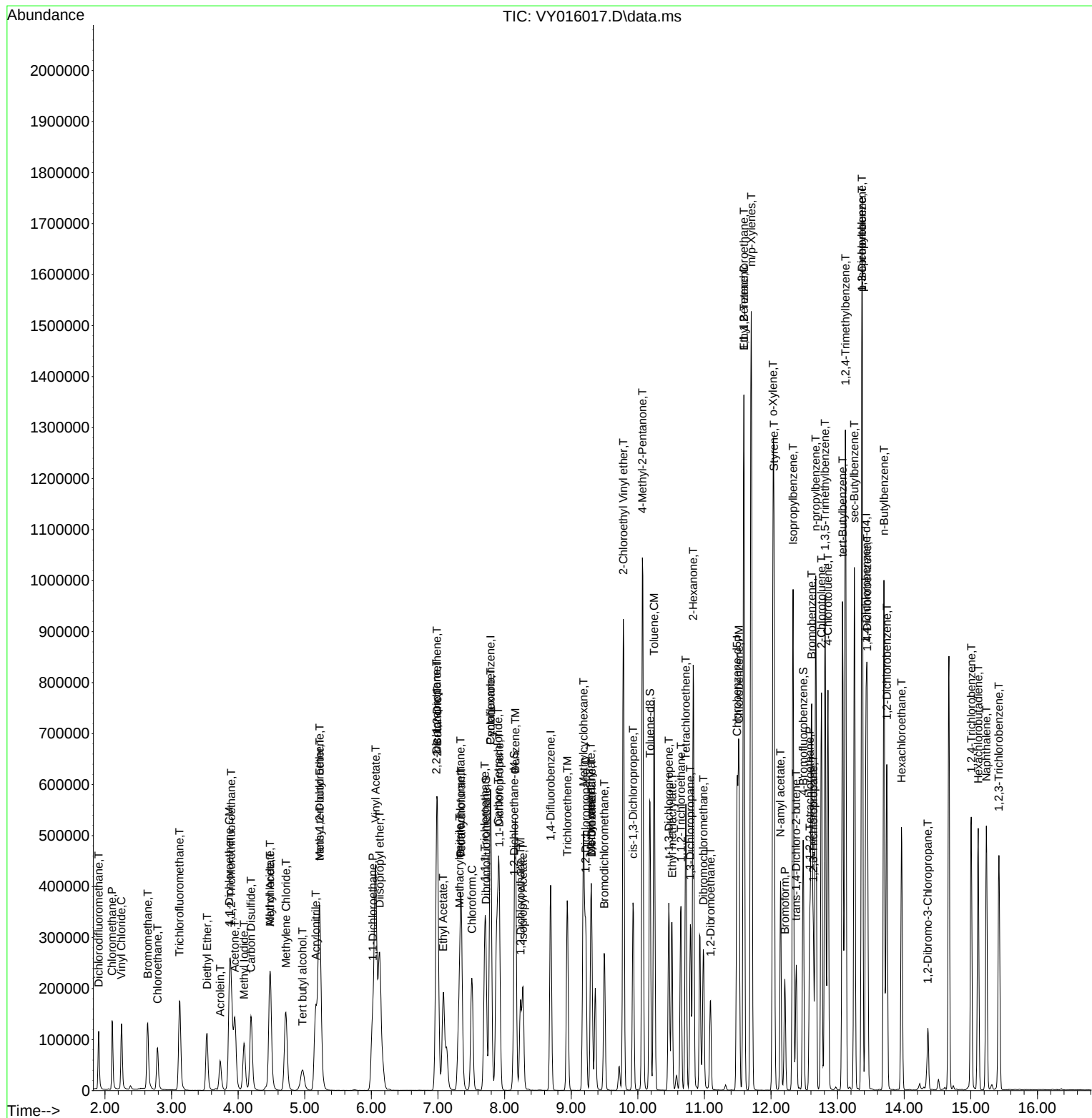
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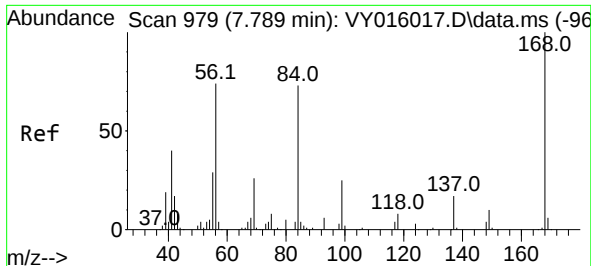
Instrument :
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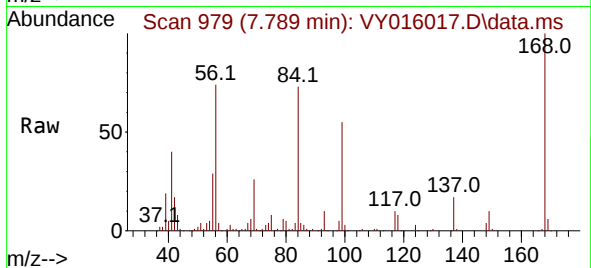
Reviewed By :John Carlone 10/19/2023
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY016017.D
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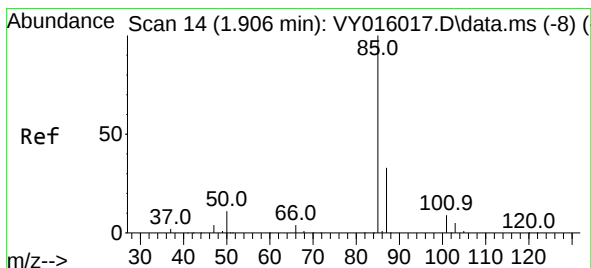
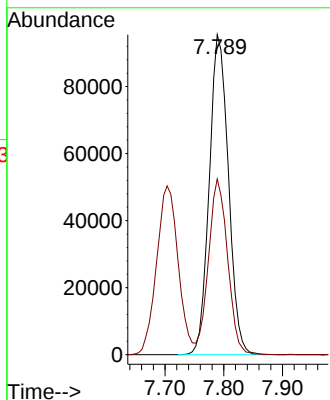
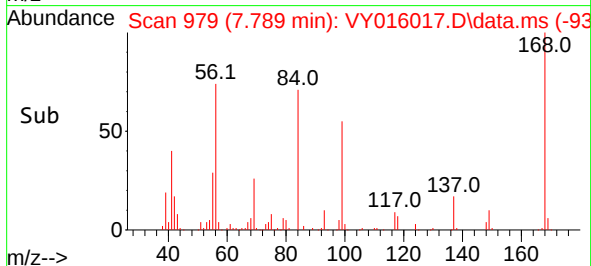
Instrument :
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ClientSampleId :
VSTDICCC050



Tgt Ion:168 Resp: 21631
Ion Ratio Lower Upper
168 100
99 54.9 43.4 65.0

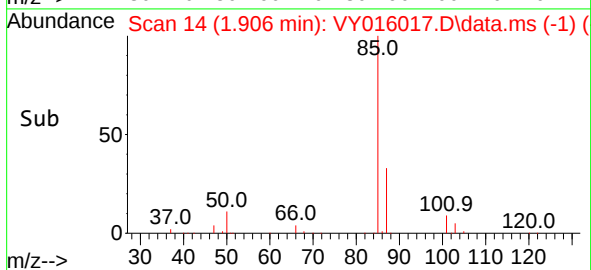
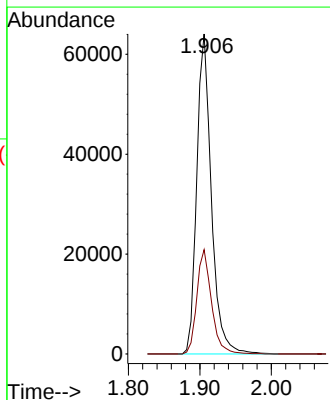
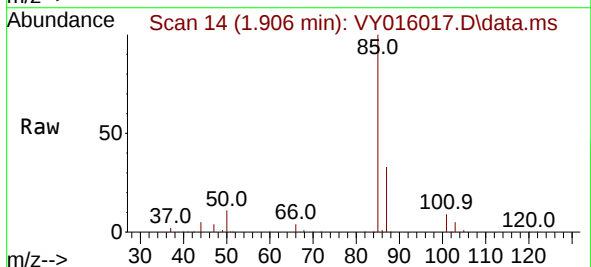
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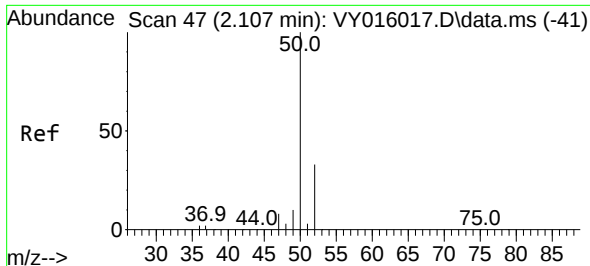
Reviewed By :John Carlone 10/19/2023
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#2
Dichlorodifluoromethane
Concen: 50.866 ug/l
RT: 1.906 min Scan# 14
Delta R.T. 0.000 min
Lab File: VY016017.D
Acq: 18 Oct 2023 12:40

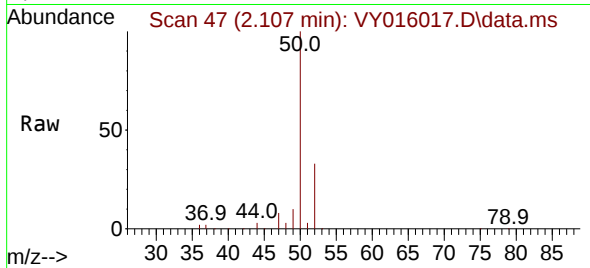
Tgt Ion: 85 Resp: 90939
Ion Ratio Lower Upper
85 100
87 32.6 15.6 46.8





#3
Chloromethane
Concen: 50.887 ug/l
RT: 2.107 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY016017.D
Acq: 18 Oct 2023 12:40

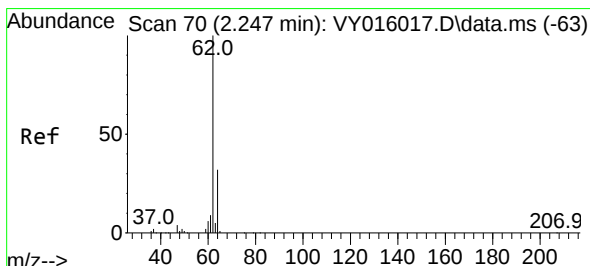
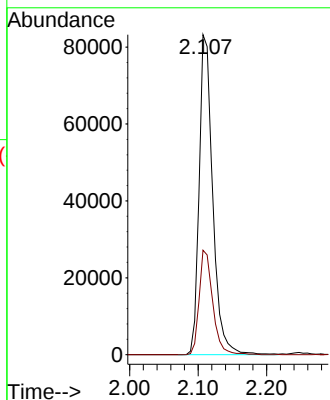
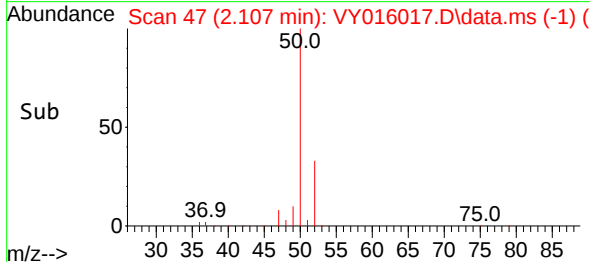
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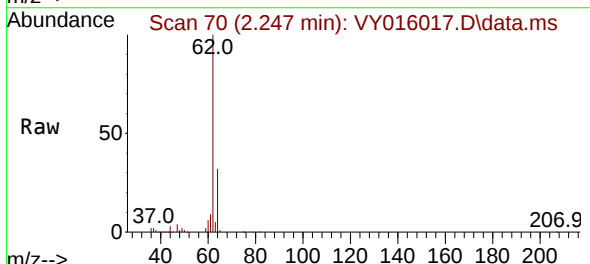
Tgt Ion: 50 Resp: 11487
Ion Ratio Lower Upper
50 100
52 32.6 25.4 38.2

Manual Integrations
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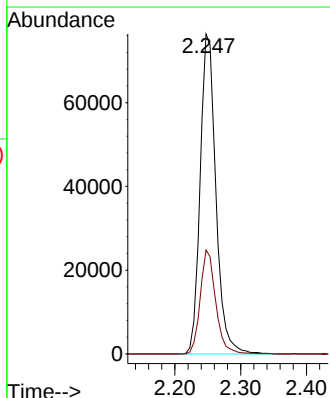
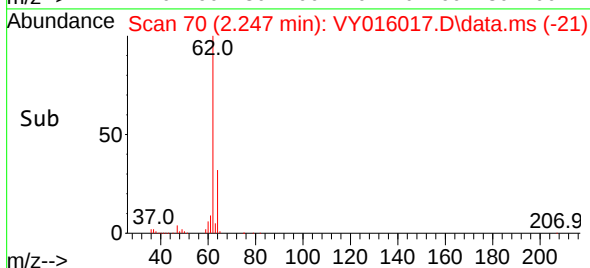
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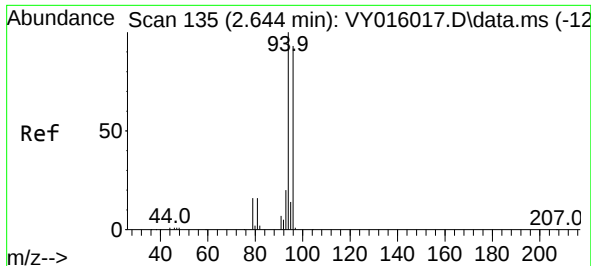


#4
Vinyl Chloride
Concen: 50.081 ug/l
RT: 2.247 min Scan# 70
Delta R.T. 0.000 min
Lab File: VY016017.D
Acq: 18 Oct 2023 12:40



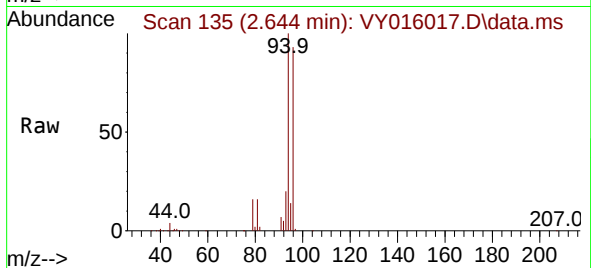
Tgt Ion: 62 Resp: 126882
Ion Ratio Lower Upper
62 100
64 32.5 24.3 36.5





#5
Bromomethane
Concen: 50.359 ug/l
RT: 2.644 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY016017.D
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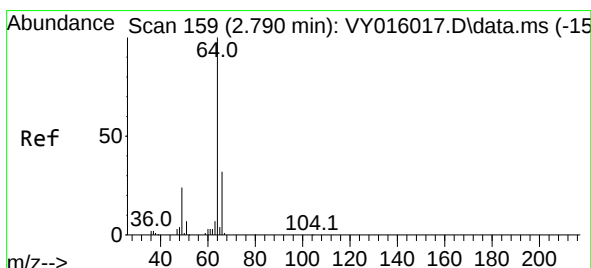
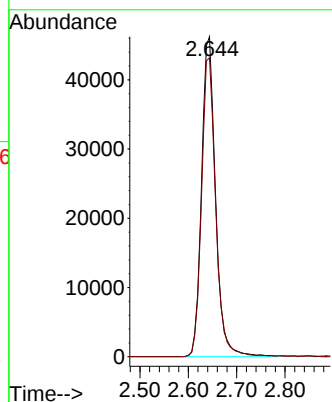
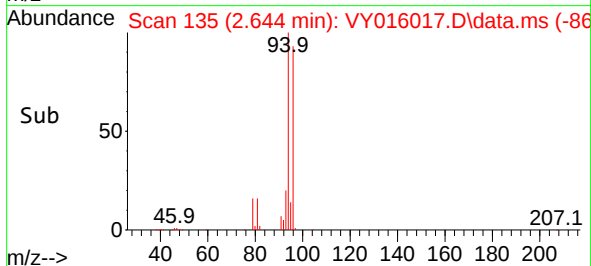
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Tgt Ion: 94 Resp: 93069
Ion Ratio Lower Upper
94 100
96 93.4 75.8 113.6

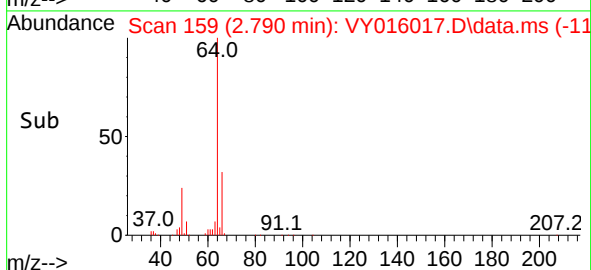
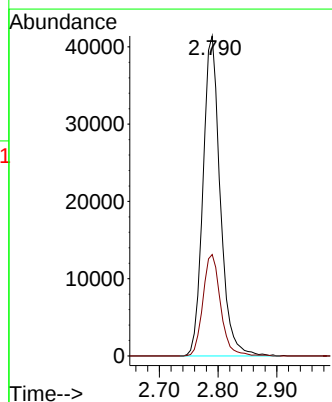
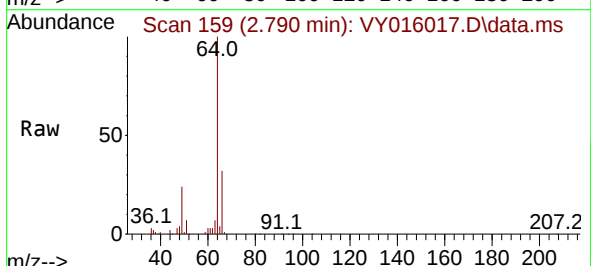
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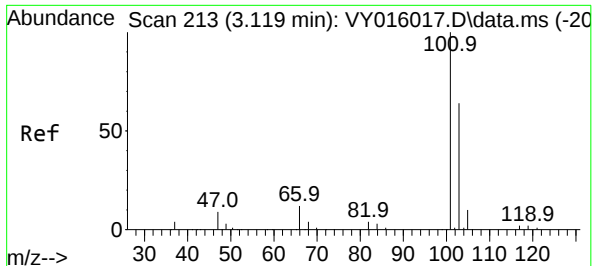
Reviewed By :John Carlone 10/19/2023
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#6
Chloroethane
Concen: 51.782 ug/l
RT: 2.790 min Scan# 159
Delta R.T. 0.000 min
Lab File: VY016017.D
Acq: 18 Oct 2023 12:40

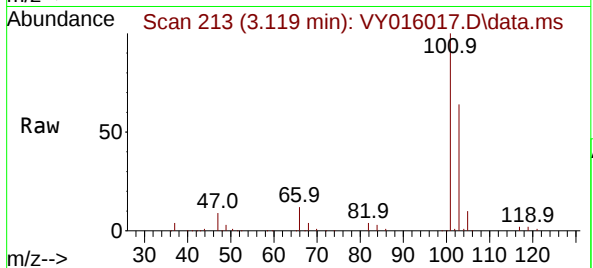
Tgt Ion: 64 Resp: 84359
Ion Ratio Lower Upper
64 100
66 31.7 24.4 36.6





#7
Trichlorofluoromethane
Concen: 48.670 ug/l
RT: 3.119 min Scan# 213
Delta R.T. 0.000 min
Lab File: VY016017.D
Acq: 18 Oct 2023 12:40

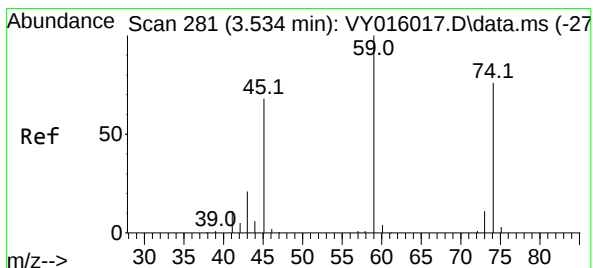
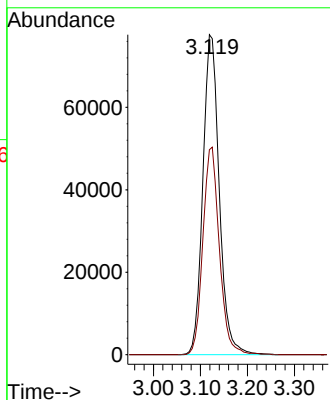
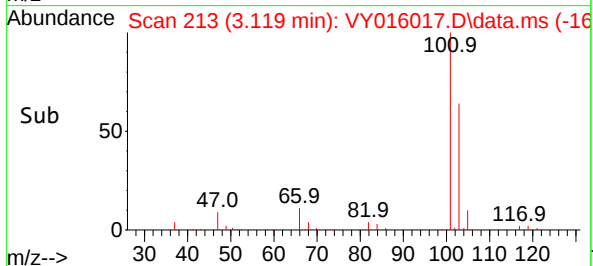
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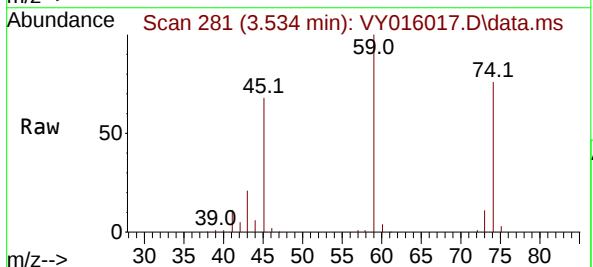
Tgt Ion:101 Resp: 18765
Ion Ratio Lower Upper
101 100
103 64.1 51.4 77.0

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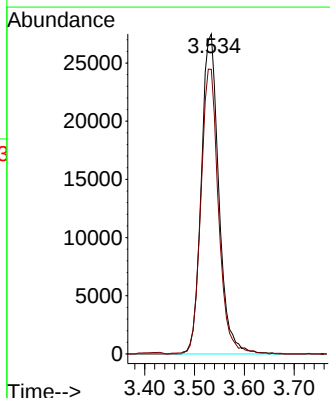
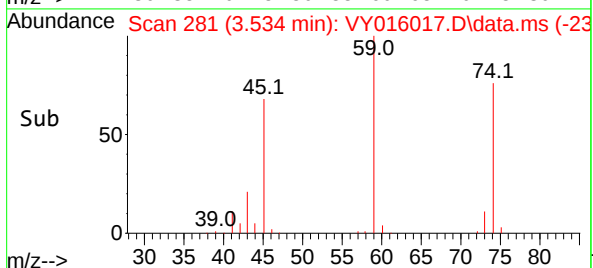
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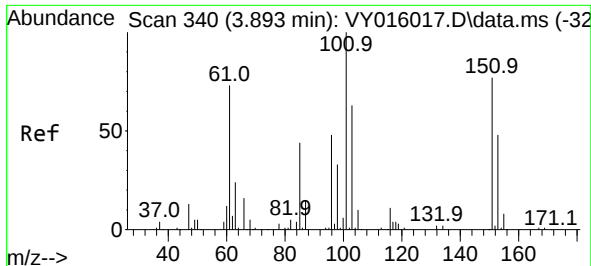


#8
Diethyl Ether
Concen: 49.133 ug/l
RT: 3.534 min Scan# 281
Delta R.T. 0.000 min
Lab File: VY016017.D
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Tgt Ion: 74 Resp: 66928
Ion Ratio Lower Upper
74 100
45 89.7 51.5 154.5





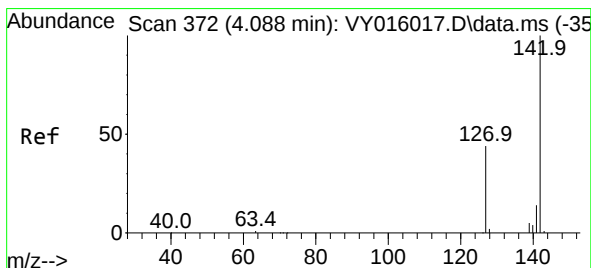
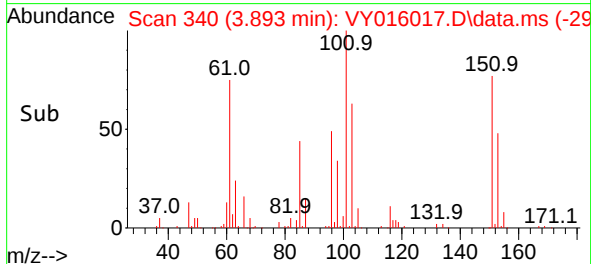
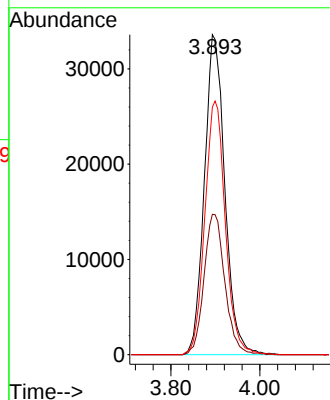
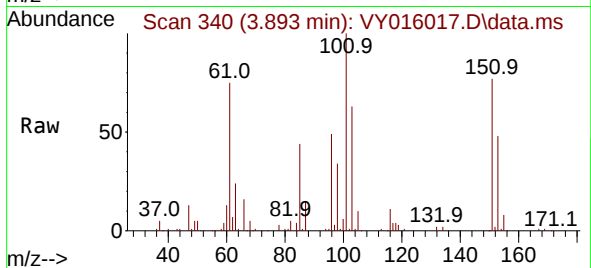
#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.541 ug/l
RT: 3.893 min Scan# 340
Delta R.T. 0.000 min
Lab File: VY016017.D
Acq: 18 Oct 2023 12:40

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion:101 Resp: 107658
Ion Ratio Lower Upper
101 100
85 44.8 36.6 55.0
151 79.3 67.0 100.6

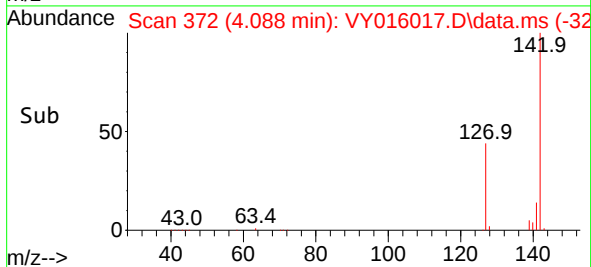
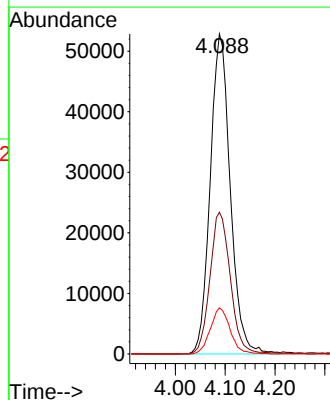
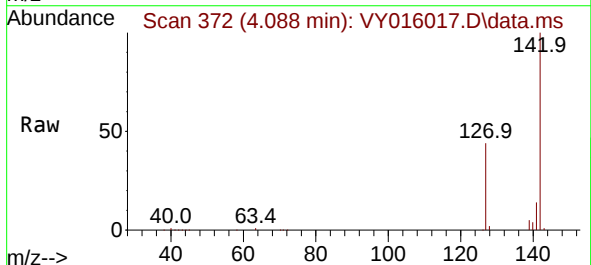
Manual Integrations
APPROVED

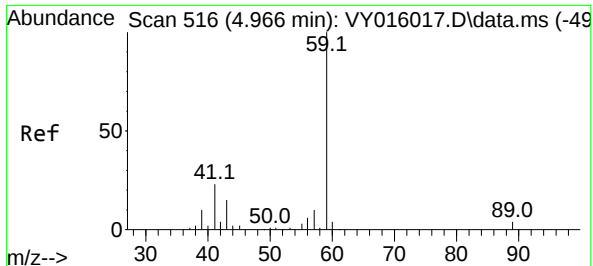
Reviewed By :John Carlone 10/19/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#10
Methyl Iodide
Concen: 50.962 ug/l
RT: 4.088 min Scan# 372
Delta R.T. 0.000 min
Lab File: VY016017.D
Acq: 18 Oct 2023 12:40

Tgt Ion:142 Resp: 147588
Ion Ratio Lower Upper
142 100
127 45.2 37.6 56.4
141 14.2 11.8 17.8





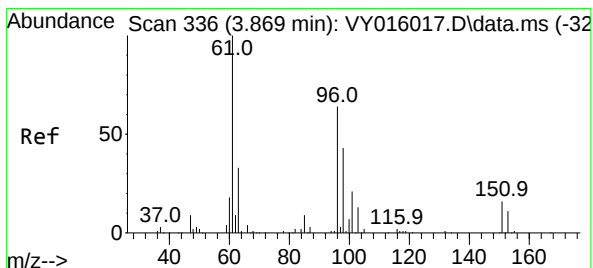
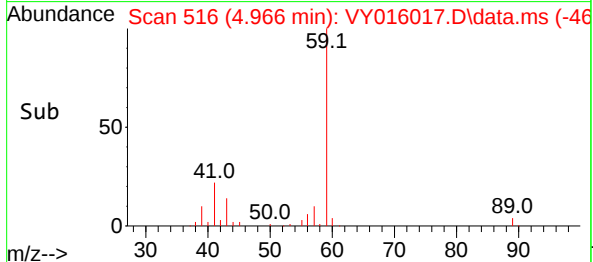
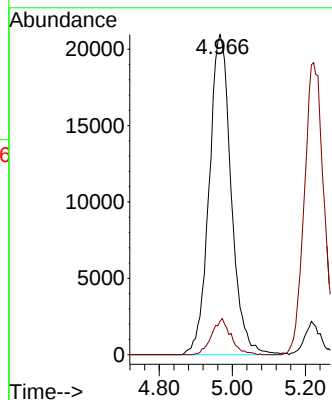
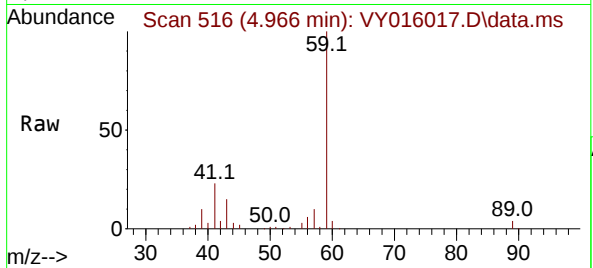
#11
Tert butyl alcohol
Concen: 231.400 ug/l
RT: 4.966 min Scan# 516
Delta R.T. 0.000 min
Lab File: VY016017.D
Acq: 18 Oct 2023 12:40

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion: 59 Resp: 8782
Ion Ratio Lower Upper
59 100
57 9.9 3.0 4.4

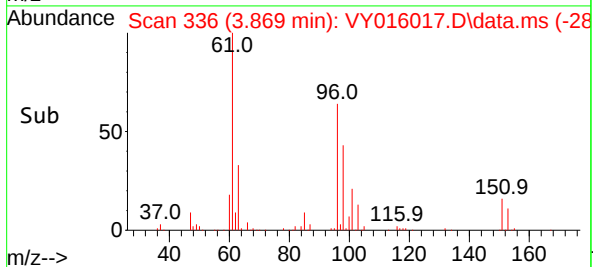
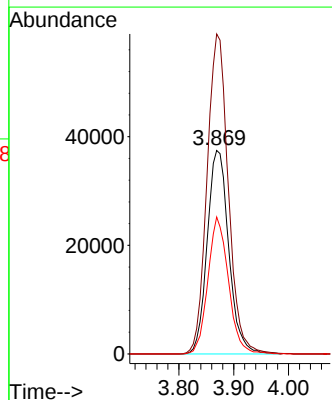
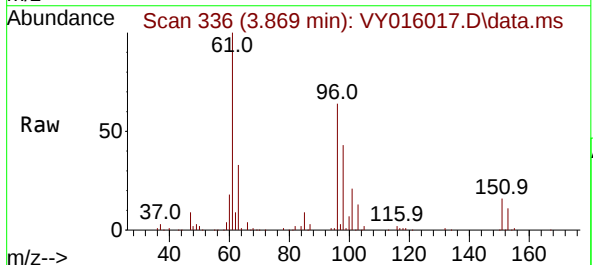
Manual Integrations
APPROVED

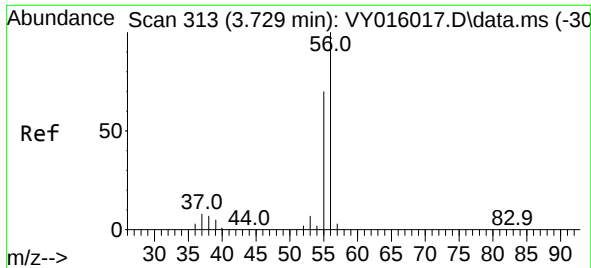
Reviewed By :John Carlone 10/19/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#12
1,1-Dichloroethene
Concen: 49.226 ug/l
RT: 3.869 min Scan# 336
Delta R.T. 0.000 min
Lab File: VY016017.D
Acq: 18 Oct 2023 12:40

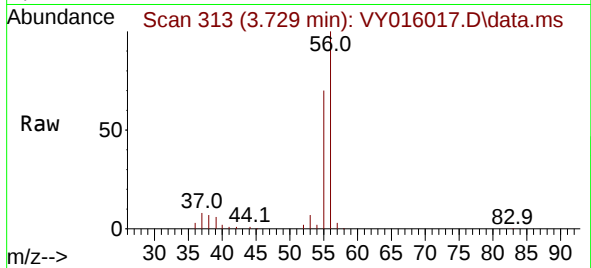
Tgt Ion: 96 Resp: 102153
Ion Ratio Lower Upper
96 100
61 157.2 136.4 204.6
98 67.3 49.4 74.2





#13
Acrolein
Concen: 258.255 ug/l
RT: 3.729 min Scan# 313
Delta R.T. -0.000 min
Lab File: VY016017.D
Acq: 18 Oct 2023 12:40

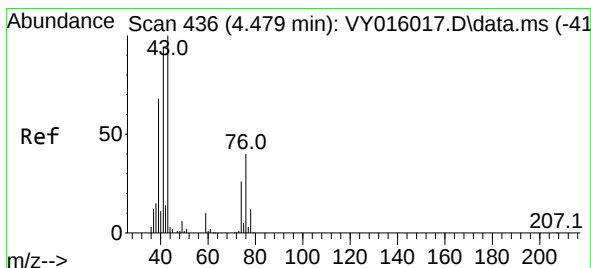
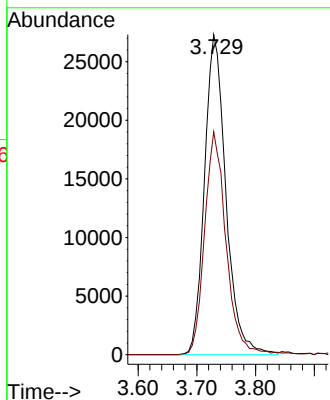
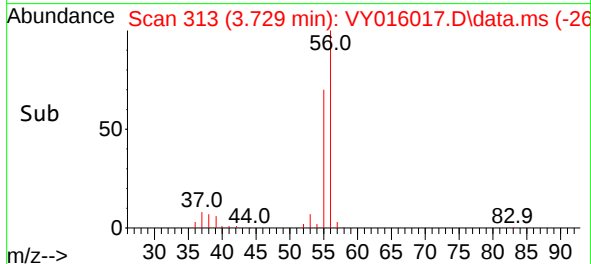
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050



Tgt Ion: 56 Resp: 6924
Ion Ratio Lower Upper
56 100
55 69.9 57.0 85.4

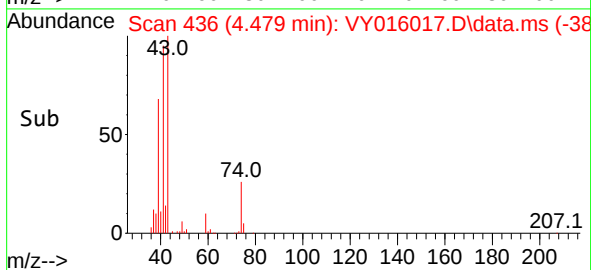
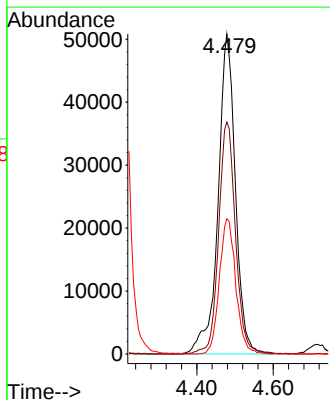
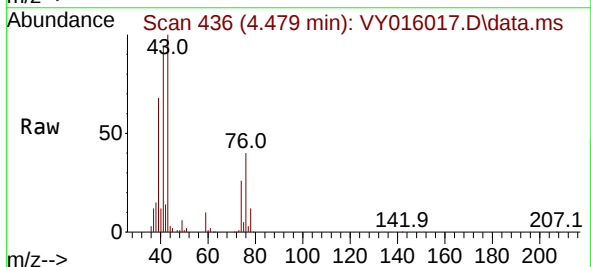
Manual Integrations
APPROVED

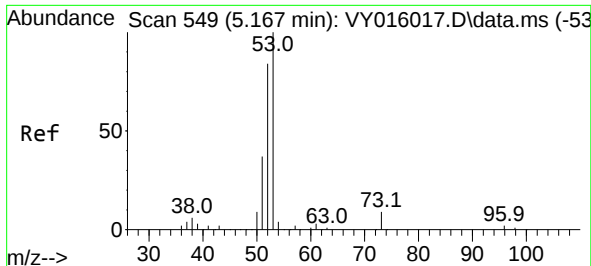
Reviewed By :John Carlone 10/19/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#14
Allyl chloride
Concen: 49.387 ug/l
RT: 4.479 min Scan# 436
Delta R.T. 0.000 min
Lab File: VY016017.D
Acq: 18 Oct 2023 12:40

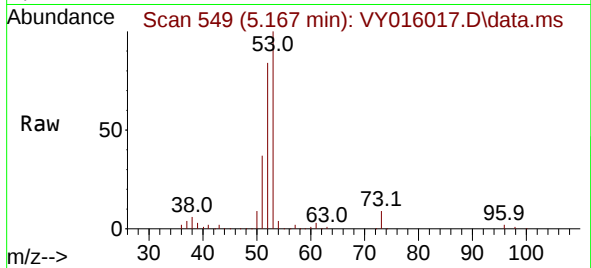
Tgt Ion: 41 Resp: 160258
Ion Ratio Lower Upper
41 100
39 70.4 58.0 87.0
76 40.1 27.4 41.2





#15
Acrylonitrile
Concen: 252.825 ug/l
RT: 5.167 min Scan# 549
Delta R.T. 0.000 min
Lab File: VY016017.D
Acq: 18 Oct 2023 12:40

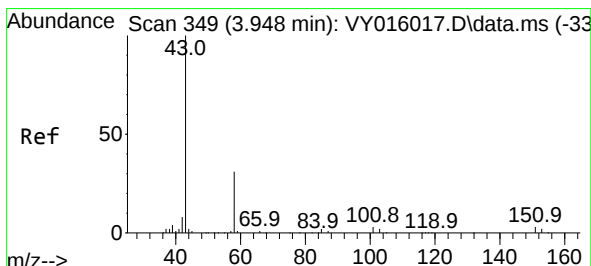
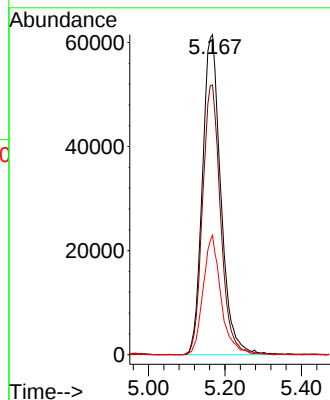
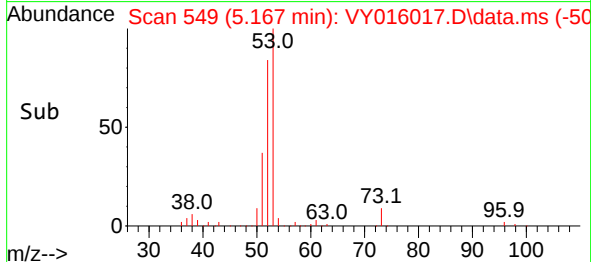
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050



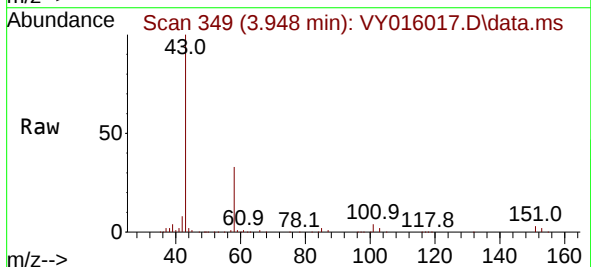
Tgt Ion: 53 Resp: 205456
Ion Ratio Lower Upper
53 100
52 82.6 66.9 100.3
51 36.3 29.8 44.6

Manual Integrations
APPROVED

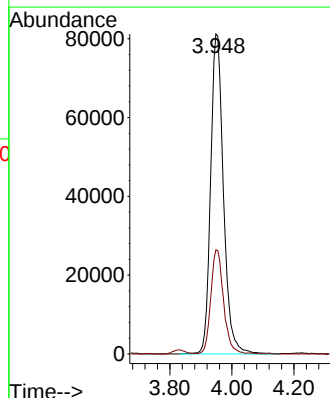
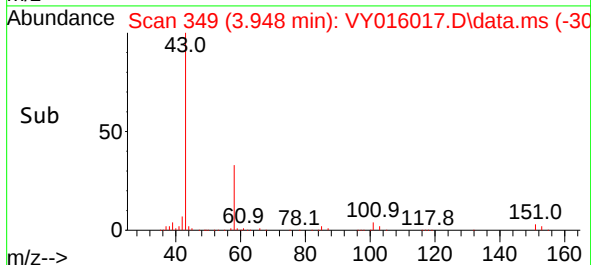
Reviewed By :John Carlone 10/19/2023
Supervised By :Semsettin Yesilyurt 10/20/2023

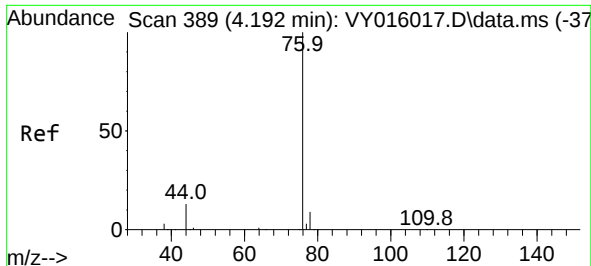


#16
Acetone
Concen: 255.864 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.000 min
Lab File: VY016017.D
Acq: 18 Oct 2023 12:40



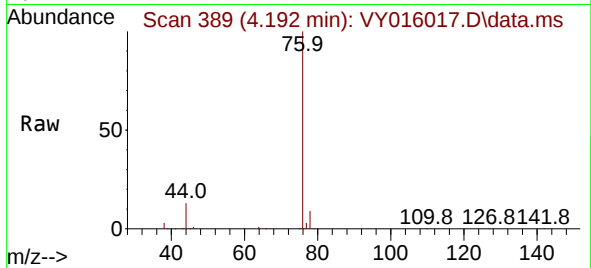
Tgt Ion: 43 Resp: 233184
Ion Ratio Lower Upper
43 100
58 32.6 22.7 34.1





#17
Carbon Disulfide
Concen: 49.253 ug/l
RT: 4.192 min Scan# 389
Delta R.T. 0.000 min
Lab File: VY016017.D
Acq: 18 Oct 2023 12:40

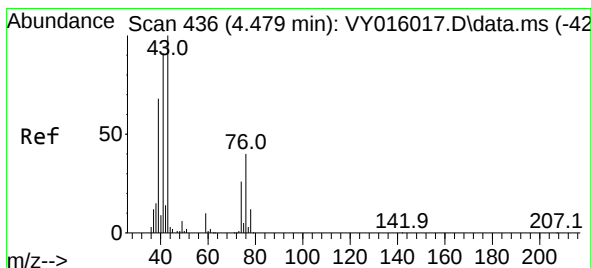
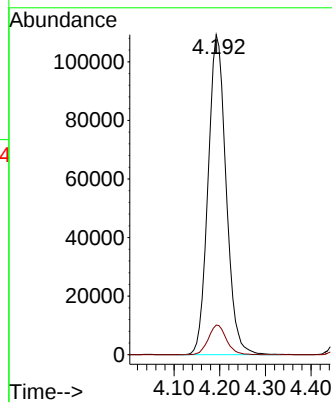
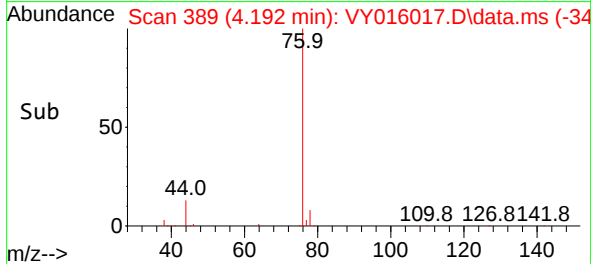
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050



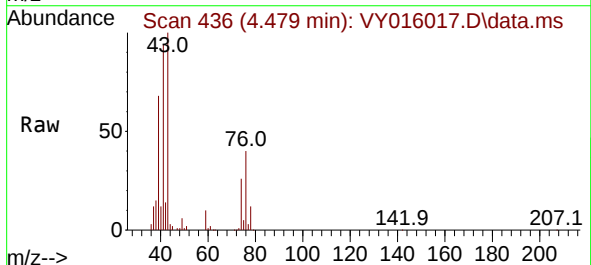
Tgt Ion: 76 Resp: 29943
Ion Ratio Lower Upper
76 100
78 9.2 7.0 10.4

Manual Integrations
APPROVED

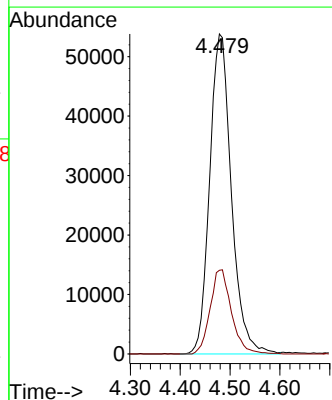
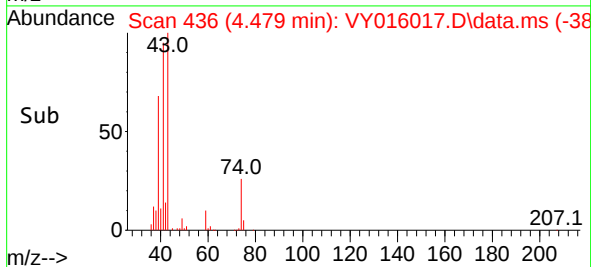
Reviewed By :John Carlone 10/19/2023
Supervised By :Semsettin Yesilyurt 10/20/2023

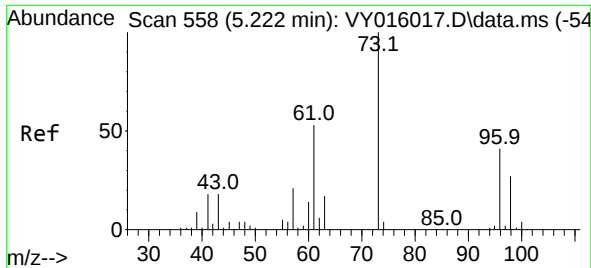


#18
Methyl Acetate
Concen: 51.871 ug/l
RT: 4.479 min Scan# 436
Delta R.T. 0.000 min
Lab File: VY016017.D
Acq: 18 Oct 2023 12:40



Tgt Ion: 43 Resp: 162707
Ion Ratio Lower Upper
43 100
74 25.8 17.4 26.0





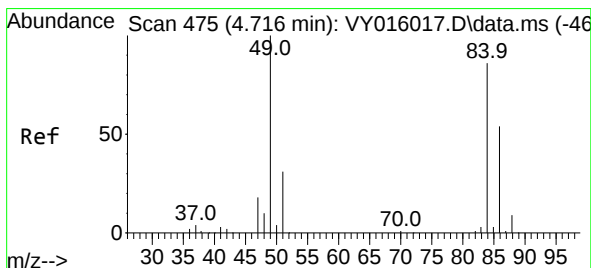
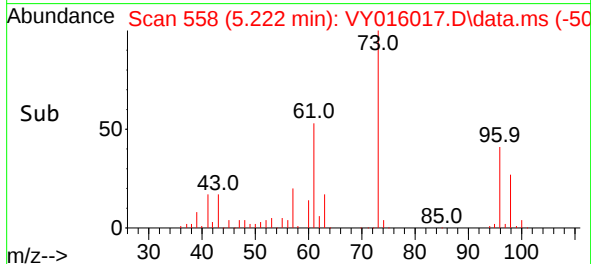
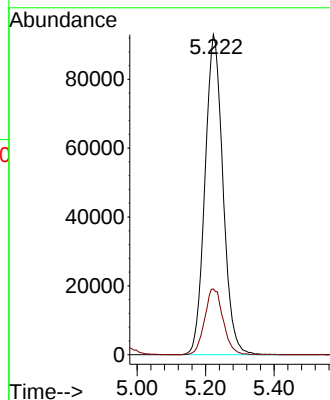
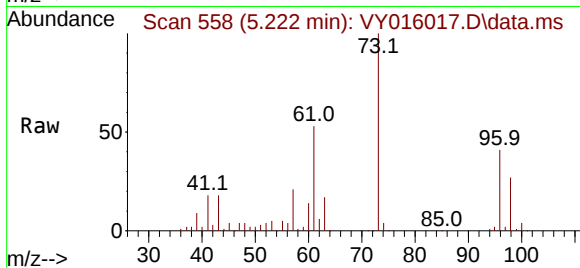
#19
Methyl tert-butyl Ether
Concen: 50.703 ug/l
RT: 5.222 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY016017.D
Acq: 18 Oct 2023 12:40

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion: 73 Resp: 33944
Ion Ratio Lower Upper
73 100
57 20.6 17.3 25.9

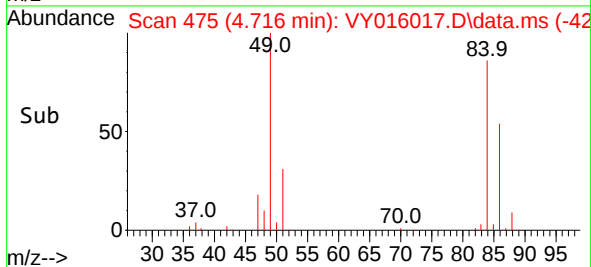
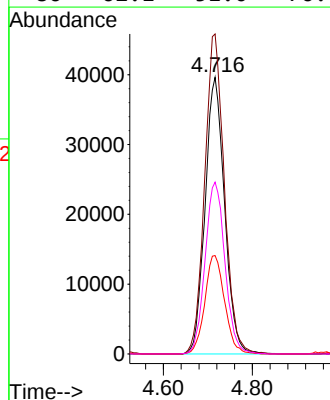
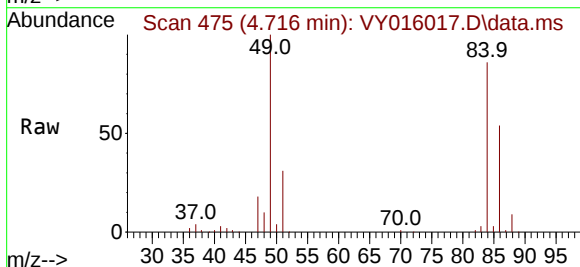
Manual Integrations
APPROVED

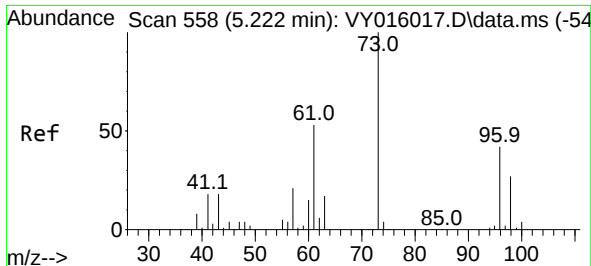
Reviewed By :John Carlone 10/19/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#20
Methylene Chloride
Concen: 44.707 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY016017.D
Acq: 18 Oct 2023 12:40

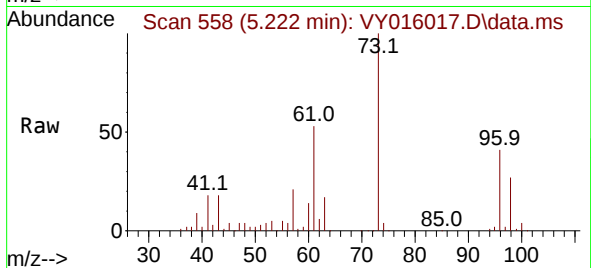
Tgt Ion: 84 Resp: 121041
Ion Ratio Lower Upper
84 100
49 115.7 106.9 160.3
51 35.6 33.2 49.8
86 62.1 51.0 76.6





#21
trans-1,2-Dichloroethene
Concen: 49.581 ug/l
RT: 5.222 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY016017.D
Acq: 18 Oct 2023 12:40

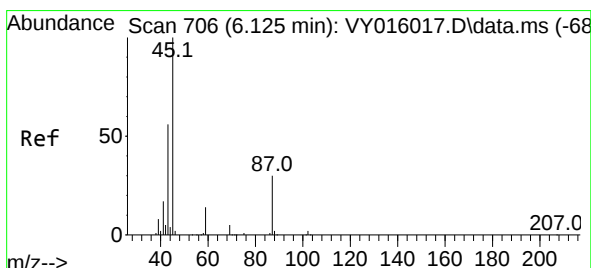
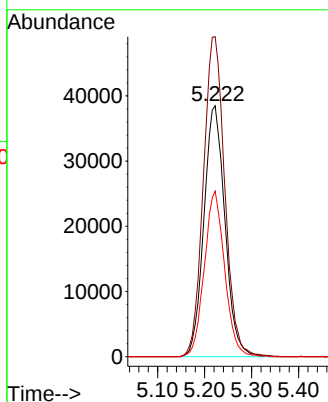
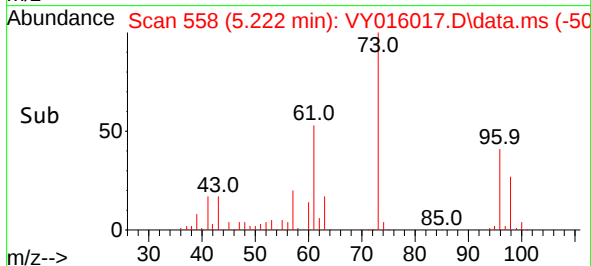
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050



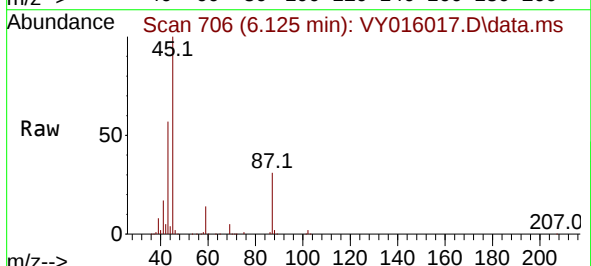
Tgt Ion: 96 Resp: 11981
Ion Ratio Lower Upper
96 100
61 127.5 110.2 165.4
98 66.0 51.8 77.6

Manual Integrations
APPROVED

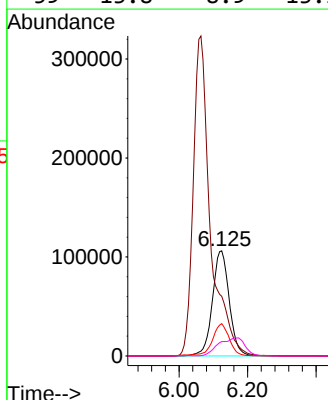
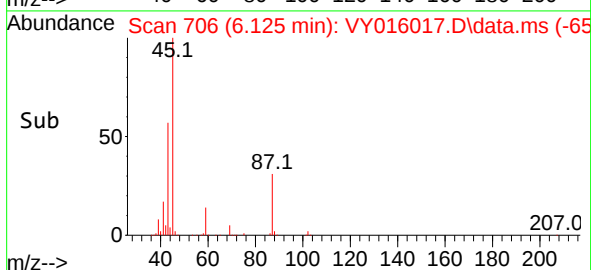
Reviewed By :John Carlone 10/19/2023
Supervised By :Semsettin Yesilyurt 10/20/2023

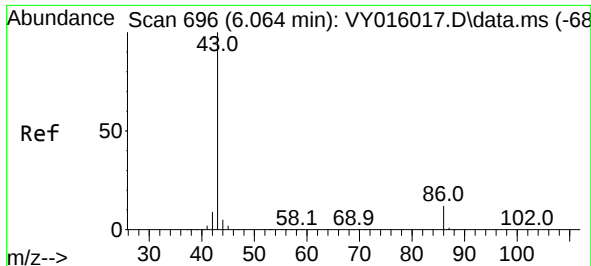


#22
Diisopropyl ether
Concen: 51.158 ug/l
RT: 6.125 min Scan# 706
Delta R.T. 0.000 min
Lab File: VY016017.D
Acq: 18 Oct 2023 12:40



Tgt Ion: 45 Resp: 361467
Ion Ratio Lower Upper
45 100
43 56.5 52.2 78.4
87 30.7 21.0 31.6
59 13.8 8.9 13.3#





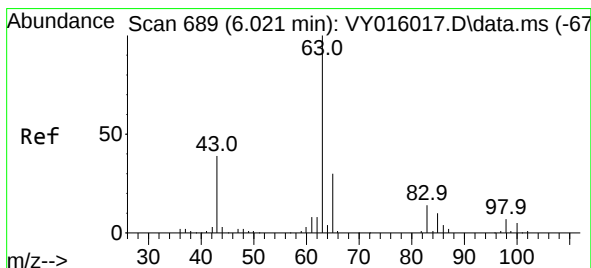
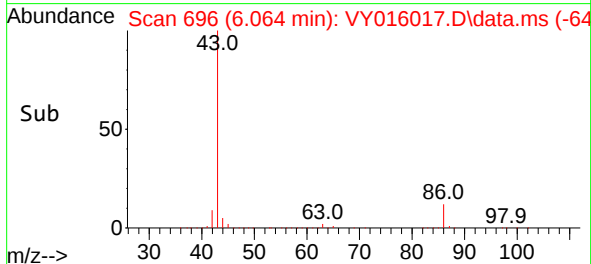
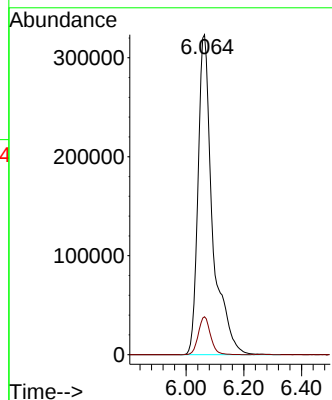
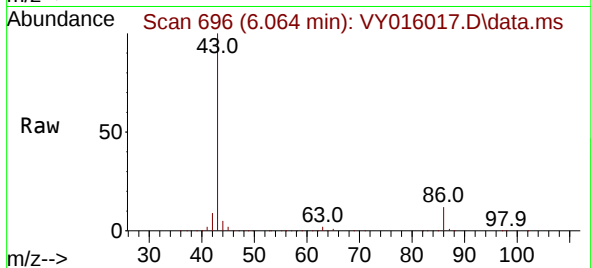
#23
 Vinyl Acetate
 Concen: 257.219 ug/l
 RT: 6.064 min Scan# 696
 Delta R.T. 0.000 min
 Lab File: VY016017.D
 Acq: 18 Oct 2023 12:40

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

Tgt Ion: 43 Resp: 1127374
 Ion Ratio Lower Upper
 43 100
 86 11.8 7.5 11.3

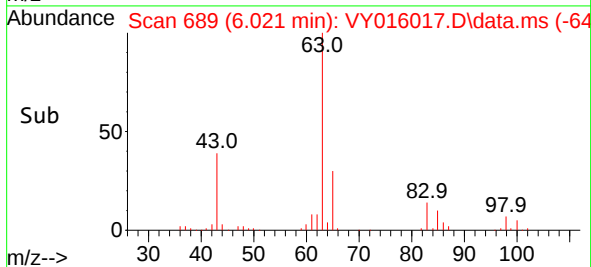
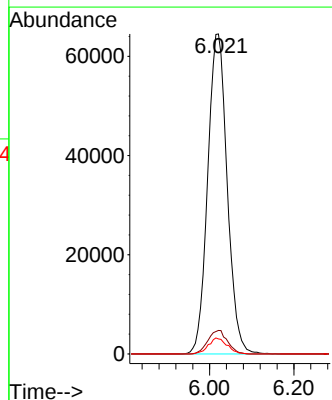
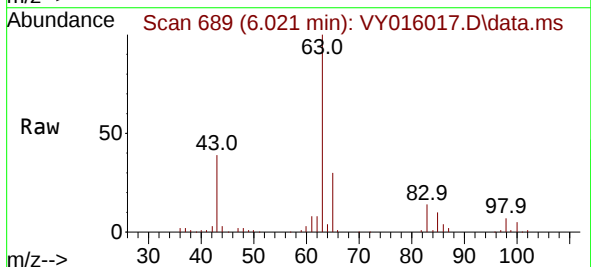
Manual Integrations
 APPROVED

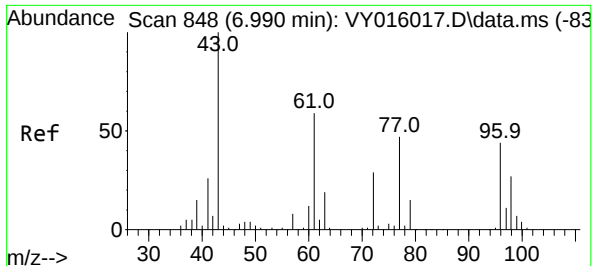
Reviewed By :John Carlone 10/19/2023
 Supervised By :Semsettin Yesilyurt 10/20/2023



#24
 1,1-Dichloroethane
 Concen: 49.394 ug/l
 RT: 6.021 min Scan# 689
 Delta R.T. 0.000 min
 Lab File: VY016017.D
 Acq: 18 Oct 2023 12:40

Tgt Ion: 63 Resp: 207047
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.1 9.4
 100 4.7 1.8 5.5





#25

2-Butanone

Concen: 253.396 ug/l

RT: 6.990 min Scan# 848

Delta R.T. 0.000 min

Lab File: VY016017.D

Acq: 18 Oct 2023 12:40

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

Tgt Ion: 43 Resp: 316320

Ion Ratio Lower Upper

43 100

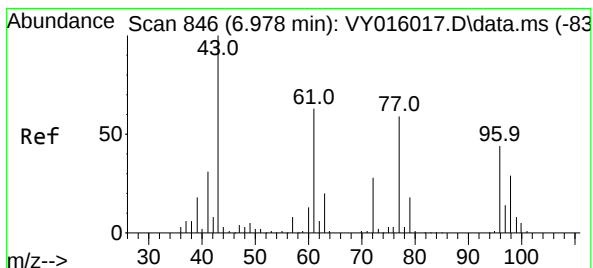
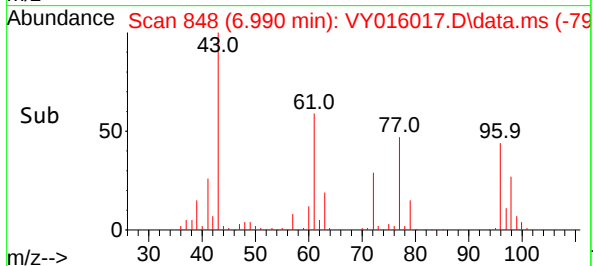
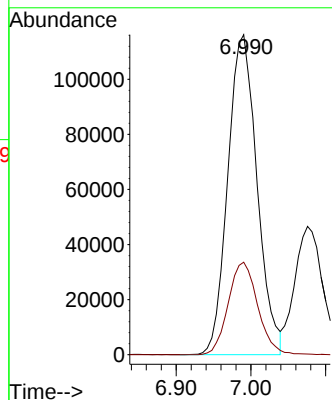
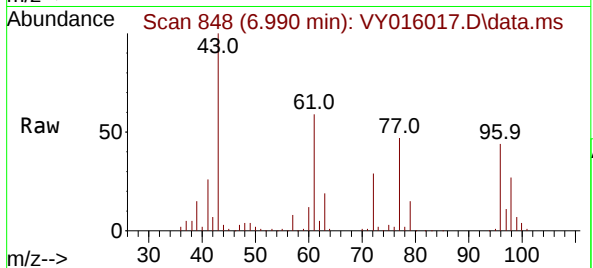
72 28.9 20.5 30.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/19/2023

Supervised By :Semsettin Yesilyurt 10/20/2023



#26

2,2-Dichloropropane

Concen: 48.142 ug/l

RT: 6.978 min Scan# 846

Delta R.T. 0.000 min

Lab File: VY016017.D

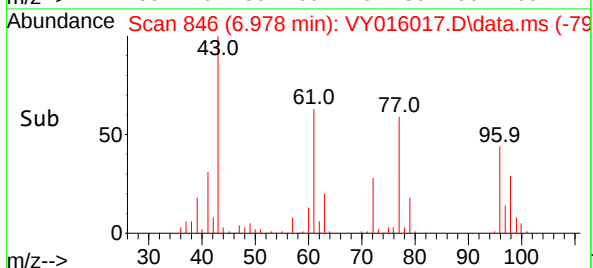
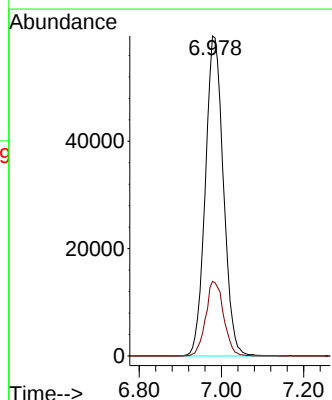
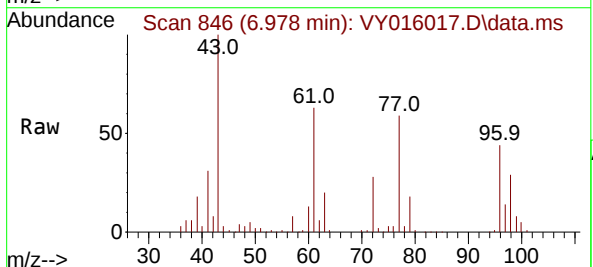
Acq: 18 Oct 2023 12:40

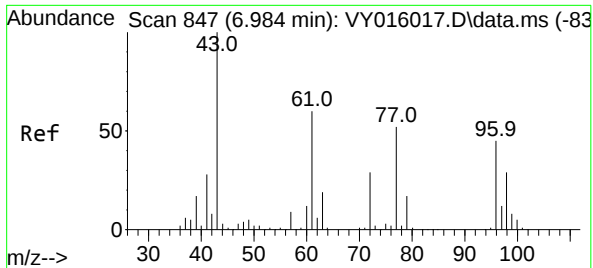
Tgt Ion: 77 Resp: 181567

Ion Ratio Lower Upper

77 100

97 23.1 10.9 32.9





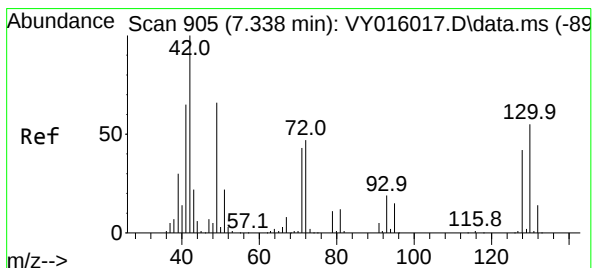
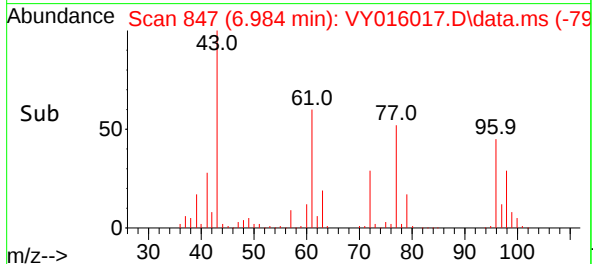
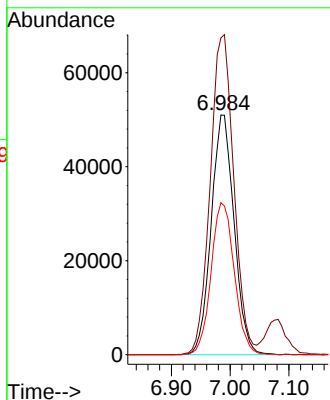
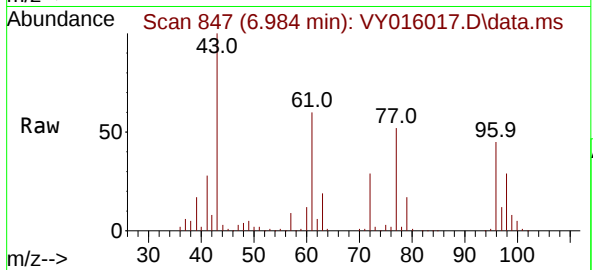
#27
 cis-1,2-Dichloroethene
 Concen: 49.669 ug/l
 RT: 6.984 min Scan# 847
 Delta R.T. 0.000 min
 Lab File: VY016017.D
 Acq: 18 Oct 2023 12:40

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

Tgt Ion: 96 Resp: 138230
 Ion Ratio Lower Upper
 96 100
 61 137.8 0.0 301.4
 98 64.1 0.0 130.4

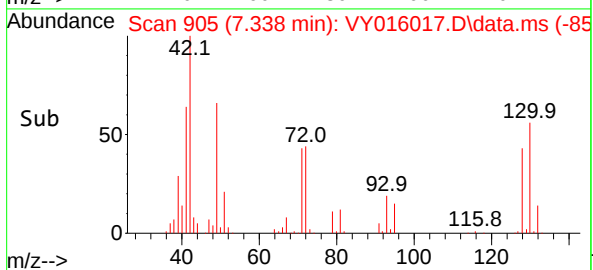
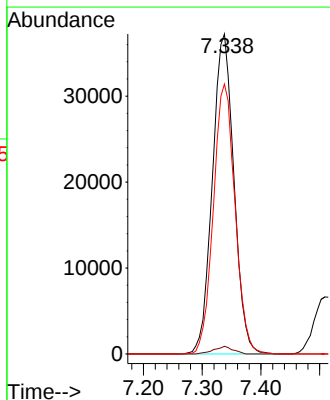
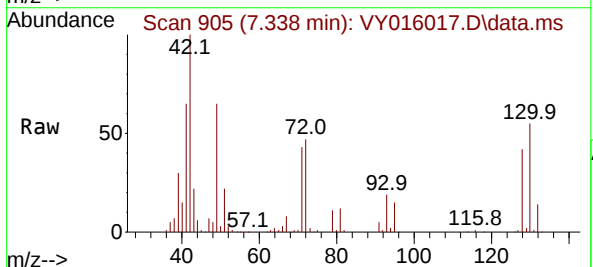
Manual Integrations
 APPROVED

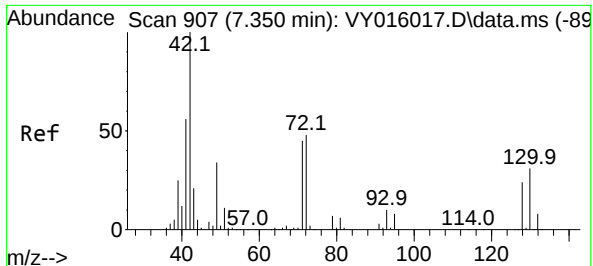
Reviewed By :John Carlone 10/19/2023
 Supervised By :Semsettin Yesilyurt 10/20/2023



#28
 Bromochloromethane
 Concen: 52.798 ug/l
 RT: 7.338 min Scan# 905
 Delta R.T. 0.000 min
 Lab File: VY016017.D
 Acq: 18 Oct 2023 12:40

Tgt Ion: 49 Resp: 94652
 Ion Ratio Lower Upper
 49 100
 129 2.1 0.0 4.6
 130 84.8 60.7 91.1





#29

Tetrahydrofuran

Concen: 260.381 ug/l

RT: 7.350 min Scan# 907

Delta R.T. 0.000 min

Lab File: VY016017.D

Acq: 18 Oct 2023 12:40

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

Tgt Ion: 42 Resp: 196740

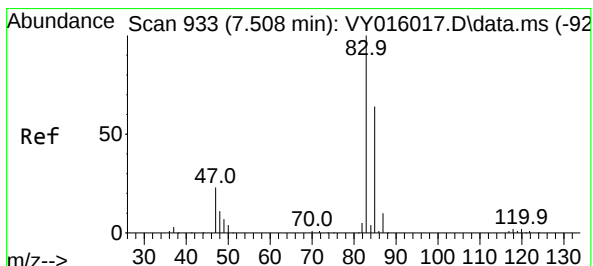
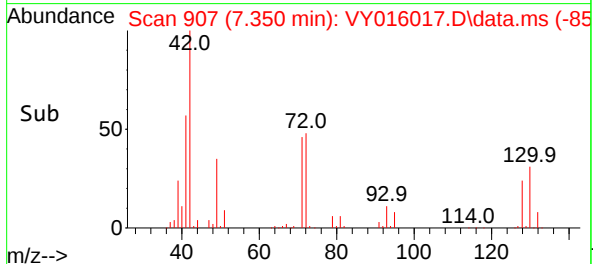
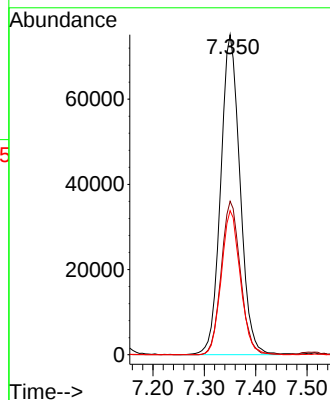
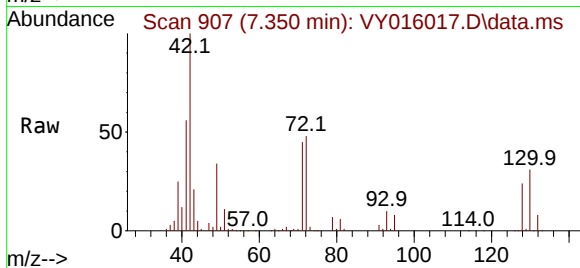
Ion	Ratio	Lower	Upper
42	100		
72	47.5	32.8	49.2
71	44.4	31.0	46.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/19/2023

Supervised By :Semsettin Yesilyurt 10/20/2023



#30

Chloroform

Concen: 49.673 ug/l

RT: 7.508 min Scan# 933

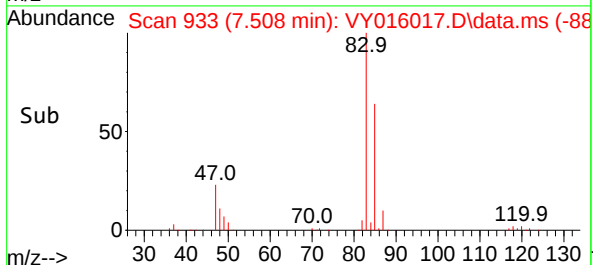
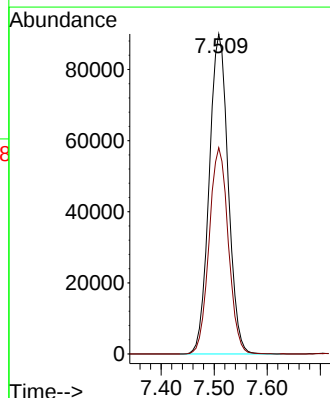
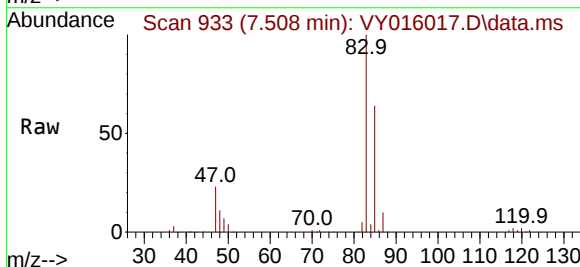
Delta R.T. 0.000 min

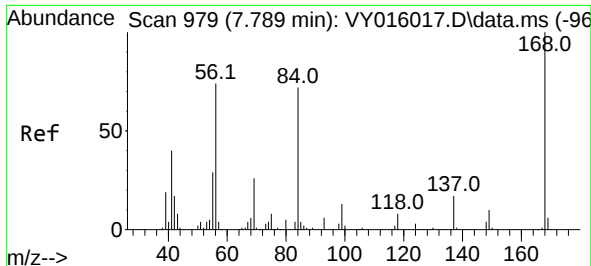
Lab File: VY016017.D

Acq: 18 Oct 2023 12:40

Tgt Ion: 83 Resp: 223253

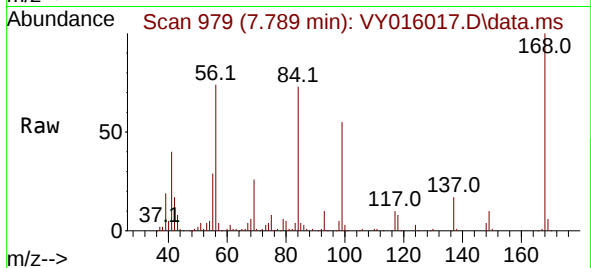
Ion	Ratio	Lower	Upper
83	100		
85	64.4	49.7	74.5





#31
Cyclohexane
Concen: 47.504 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY016017.D
Acq: 18 Oct 2023 12:40

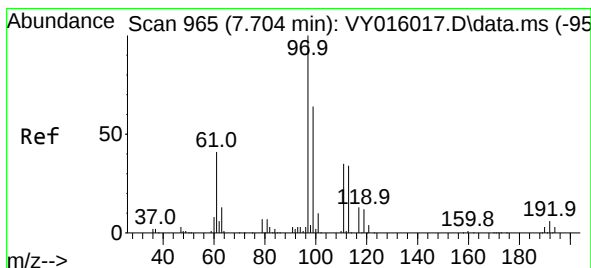
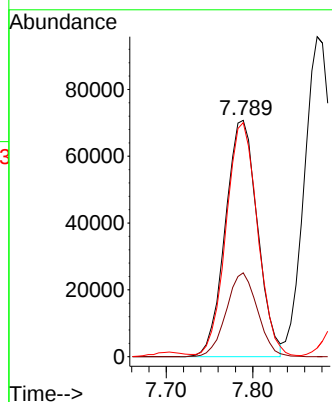
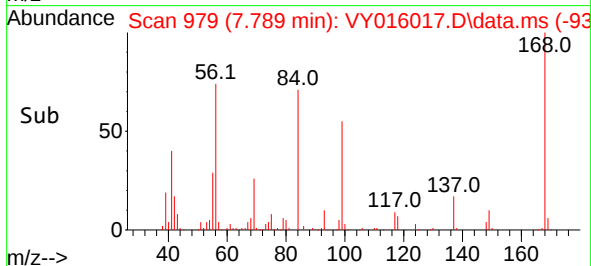
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050



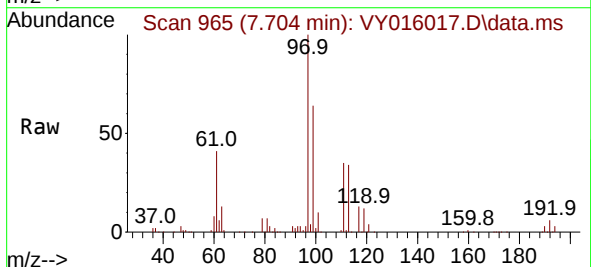
Tgt Ion: 56 Resp: 18280
Ion Ratio Lower Upper
56 100
69 35.5 27.8 41.6
84 97.6 66.4 99.6

Manual Integrations
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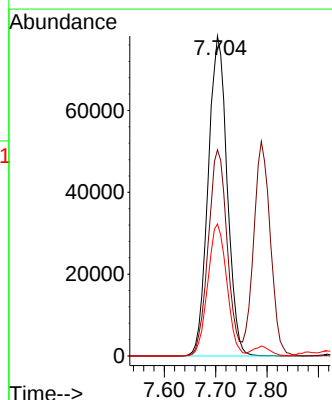
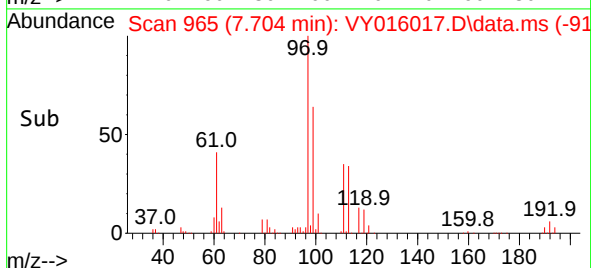
Reviewed By :John Carlone 10/19/2023
Supervised By :Semsettin Yesilyurt 10/20/2023

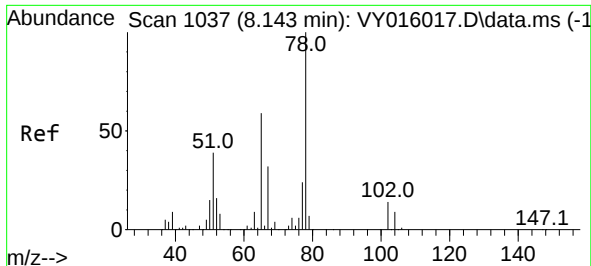


#32
1,1,1-Trichloroethane
Concen: 49.851 ug/l
RT: 7.704 min Scan# 965
Delta R.T. 0.000 min
Lab File: VY016017.D
Acq: 18 Oct 2023 12:40



Tgt Ion: 97 Resp: 200469
Ion Ratio Lower Upper
97 100
99 64.5 50.8 76.2
61 41.5 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 45.902 ug/l

RT: 8.143 min Scan# 1037

Delta R.T. 0.000 min

Lab File: VY016017.D

Acq: 18 Oct 2023 12:40

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

Tgt Ion: 65 Resp: 11285

Ion Ratio Lower Upper

65 100

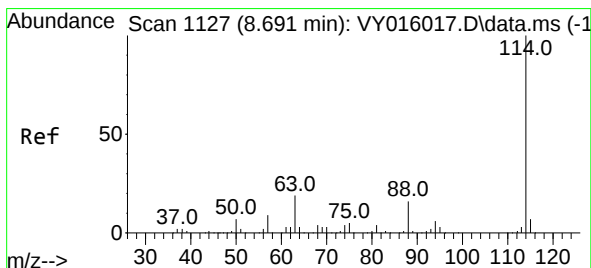
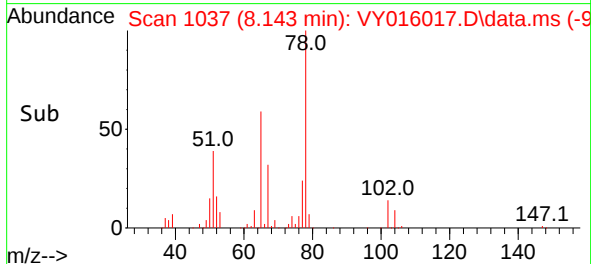
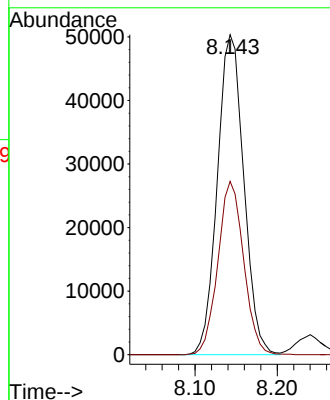
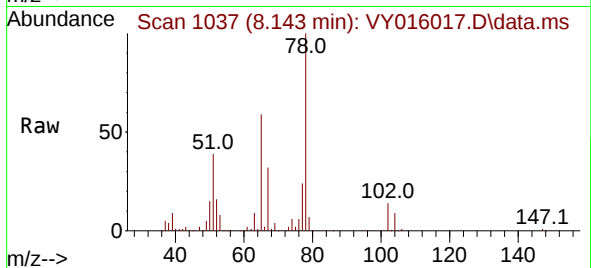
67 52.7 0.0 101.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/19/2023

Supervised By :Semsettin Yesilyurt 10/20/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY016017.D

Acq: 18 Oct 2023 12:40

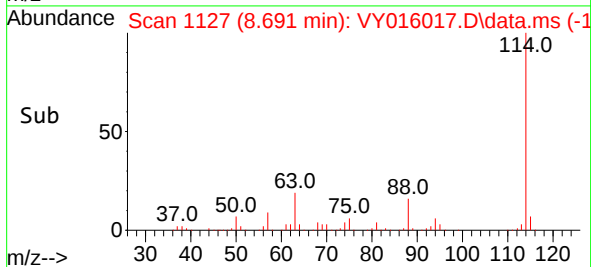
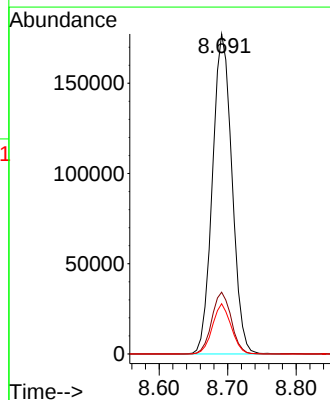
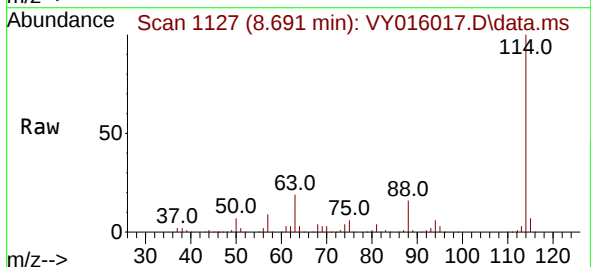
Tgt Ion:114 Resp: 350491

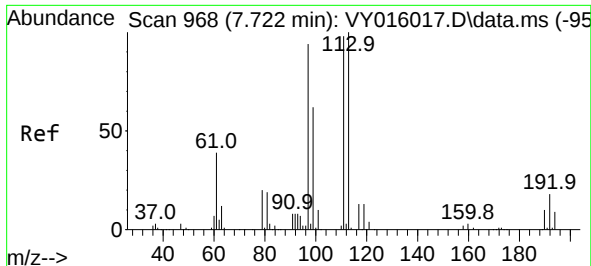
Ion Ratio Lower Upper

114 100

63 19.3 0.0 42.4

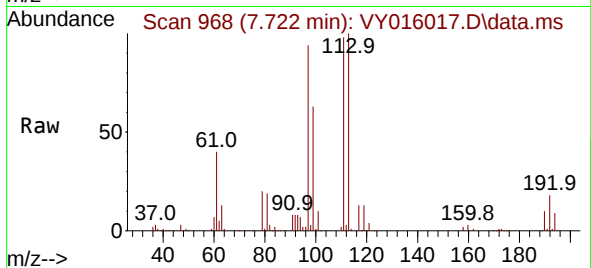
88 15.7 0.0 30.6





#35
Dibromofluoromethane
Concen: 45.948 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.000 min
Lab File: VY016017.D
Acq: 18 Oct 2023 12:40

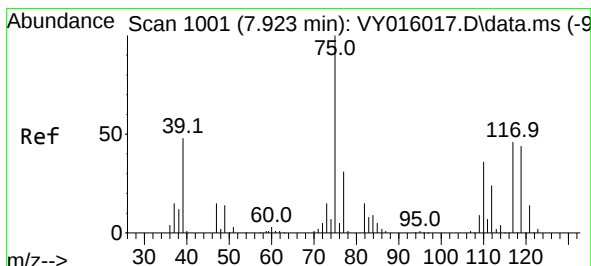
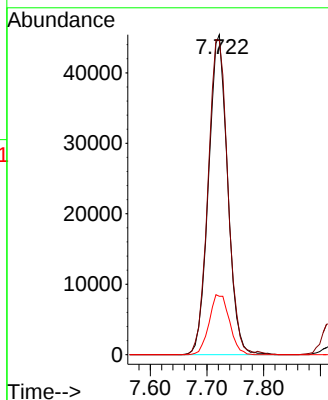
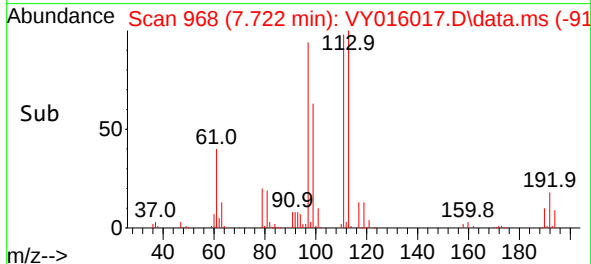
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050



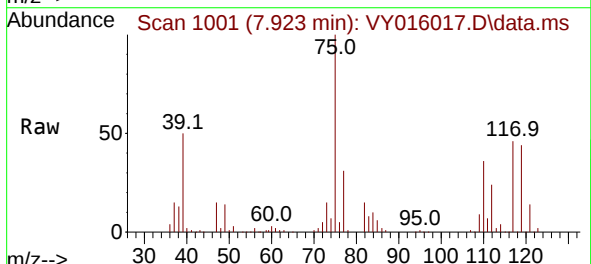
Tgt Ion: 113 Resp: 10600
Ion Ratio Lower Upper
113 100
111 102.4 81.3 121.9
192 19.9 16.9 25.3

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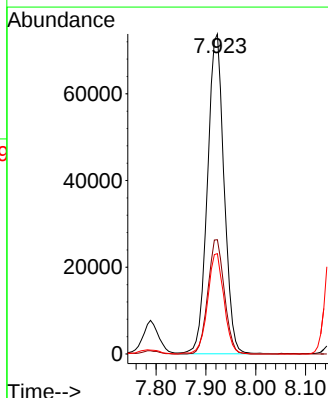
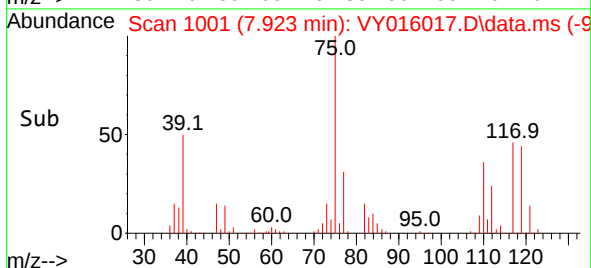
Reviewed By :John Carlone 10/19/2023
Supervised By :Semsettin Yesilyurt 10/20/2023

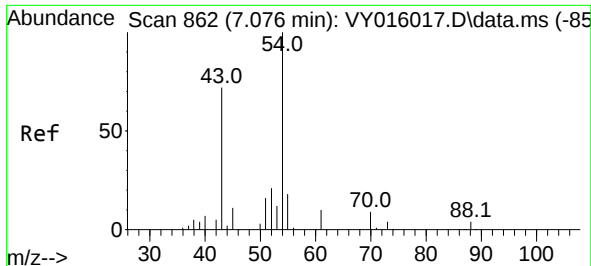


#36
1,1-Dichloropropene
Concen: 49.060 ug/l
RT: 7.923 min Scan# 1001
Delta R.T. 0.000 min
Lab File: VY016017.D
Acq: 18 Oct 2023 12:40



Tgt Ion: 75 Resp: 170279
Ion Ratio Lower Upper
75 100
110 35.4 17.8 53.5
77 31.0 24.4 36.6





#37

Ethyl Acetate

Concen: 49.717 ug/l

RT: 7.076 min Scan# 862

Delta R.T. 0.000 min

Lab File: VY016017.D

Acq: 18 Oct 2023 12:40

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

Tgt Ion: 43 Resp: 124386

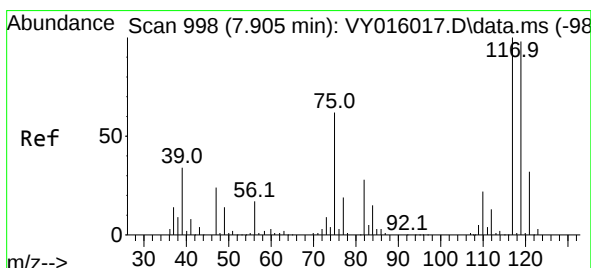
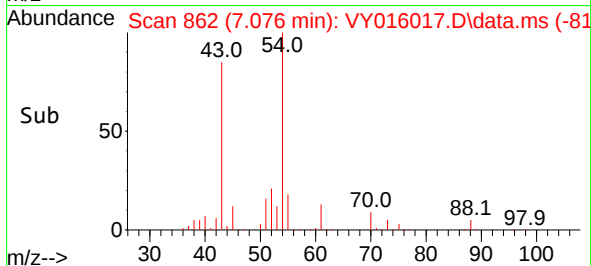
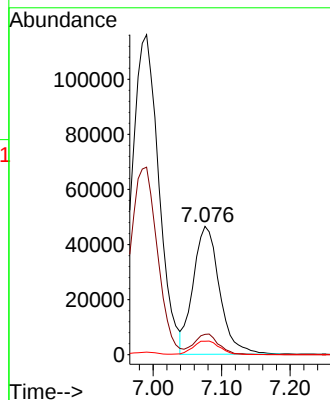
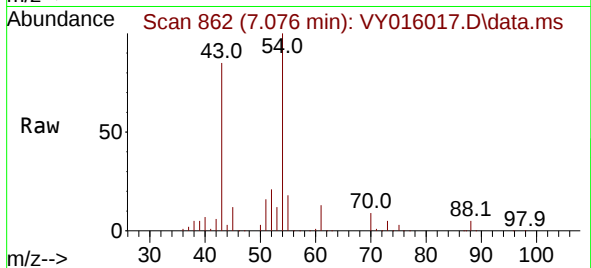
Ion	Ratio	Lower	Upper
43	100		
61	14.8	10.1	15.1
70	10.9	7.1	10.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/19/2023

Supervised By :Semsettin Yesilyurt 10/20/2023



#38

Carbon Tetrachloride

Concen: 48.720 ug/l

RT: 7.905 min Scan# 998

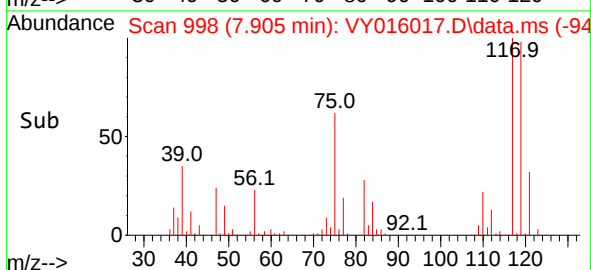
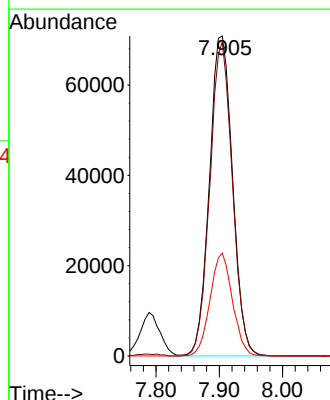
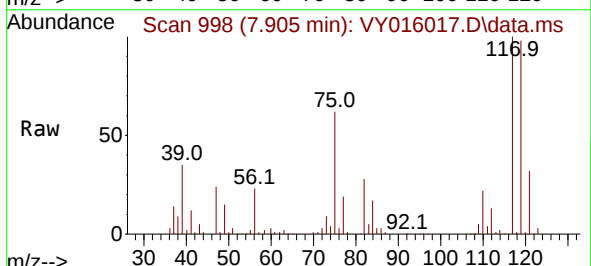
Delta R.T. 0.000 min

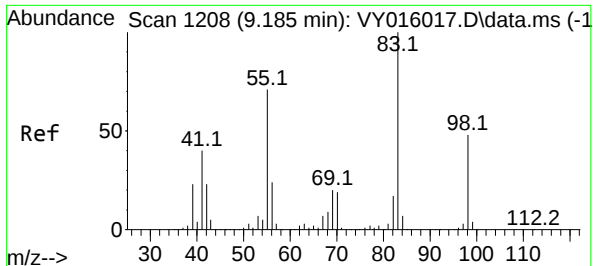
Lab File: VY016017.D

Acq: 18 Oct 2023 12:40

Tgt Ion:117 Resp: 179729

Ion	Ratio	Lower	Upper
117	100		
119	98.1	76.4	114.6
121	32.1	25.8	38.6





#39

Methylcyclohexane

Concen: 49.073 ug/l

RT: 9.185 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY016017.D

Acq: 18 Oct 2023 12:40

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

Tgt Ion: 83 Resp: 21285

Ion Ratio Lower Upper

83 100

55 71.3 63.0 94.4

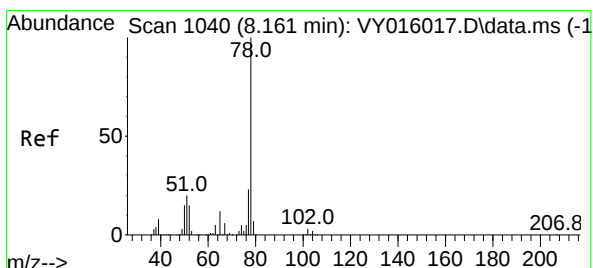
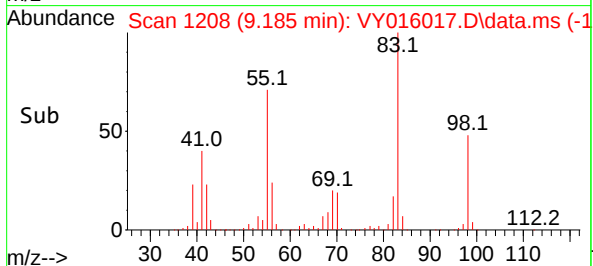
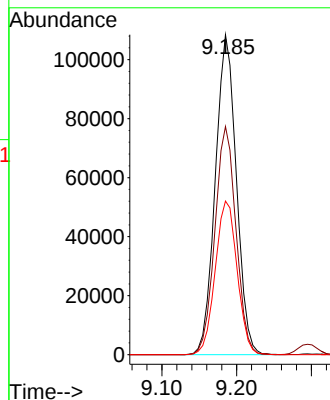
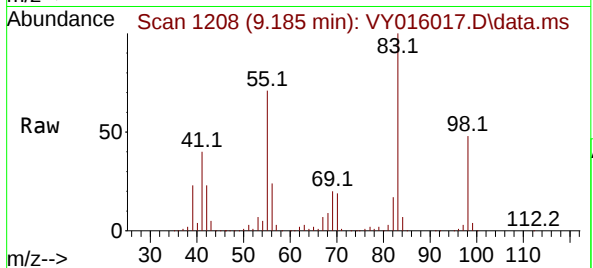
98 48.0 37.4 56.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/19/2023

Supervised By :Semsettin Yesilyurt 10/20/2023



#40

Benzene

Concen: 49.243 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VY016017.D

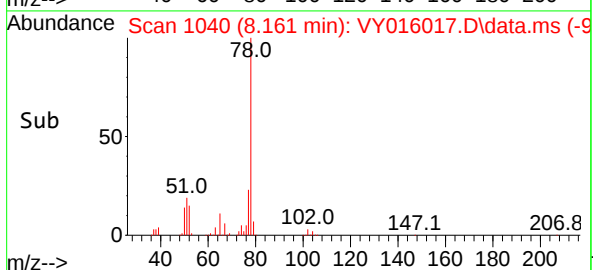
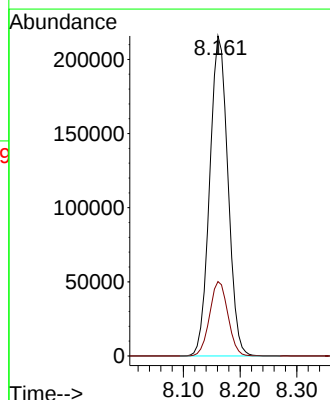
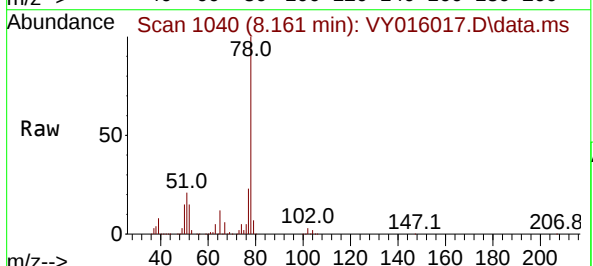
Acq: 18 Oct 2023 12:40

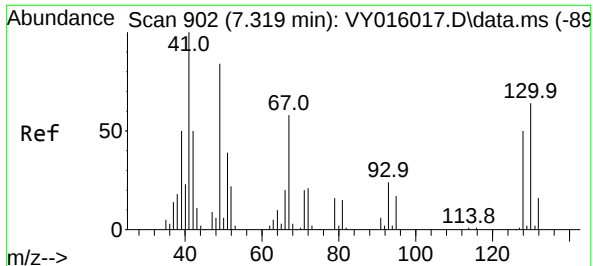
Tgt Ion: 78 Resp: 481704

Ion Ratio Lower Upper

78 100

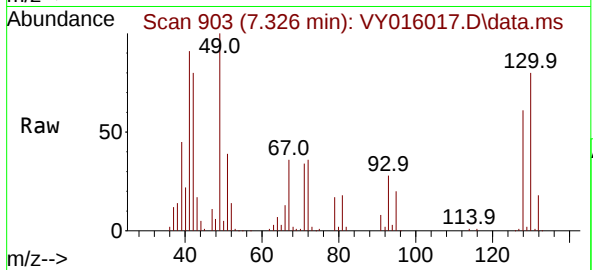
77 23.2 19.0 28.6





#41
Methacrylonitrile
Concen: 54.252 ug/l m
RT: 7.326 min Scan# 902
Delta R.T. 0.006 min
Lab File: VY016017.D
Acq: 18 Oct 2023 12:40

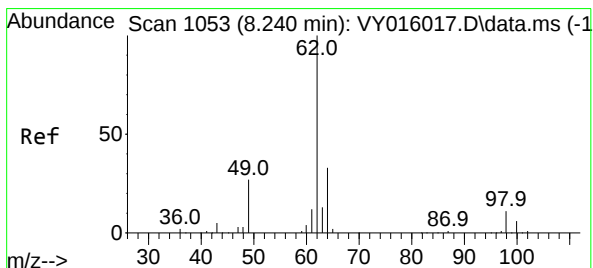
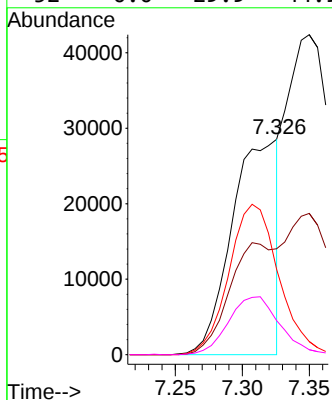
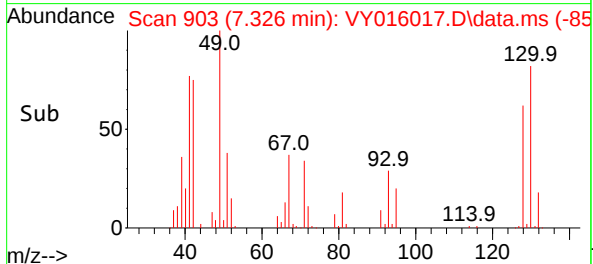
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050



Tgt Ion: 41 Resp: 6834
Ion Ratio Lower Upper
41 100
39 60.6 52.1 78.1
67 0.0 66.2 99.2
52 0.0 29.9 44.9#

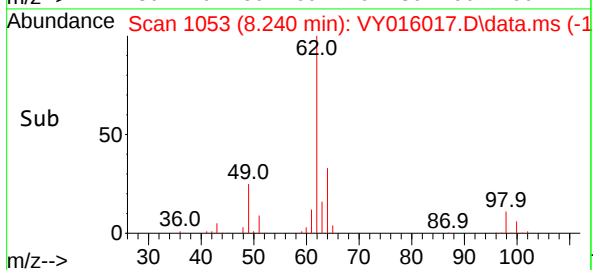
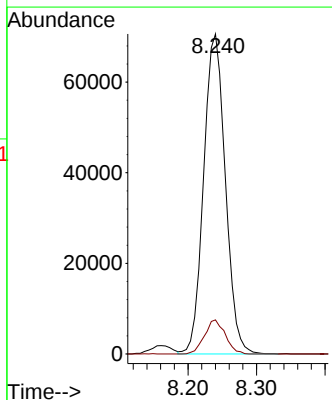
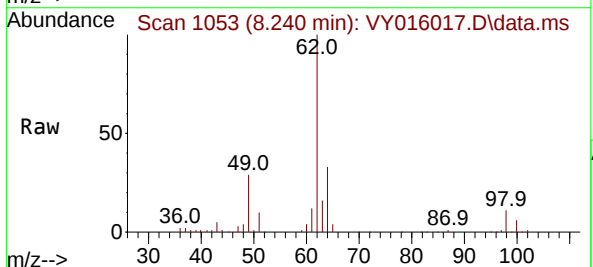
Manual Integrations
APPROVED

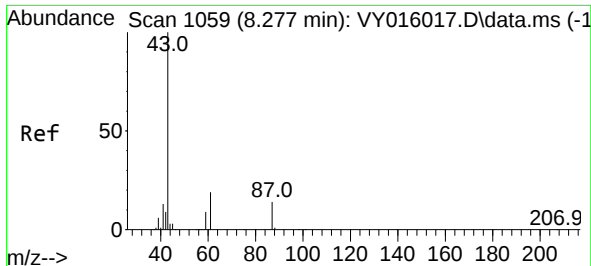
Reviewed By :John Carlone 10/19/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#42
1,2-Dichloroethane
Concen: 49.345 ug/l
RT: 8.240 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VY016017.D
Acq: 18 Oct 2023 12:40

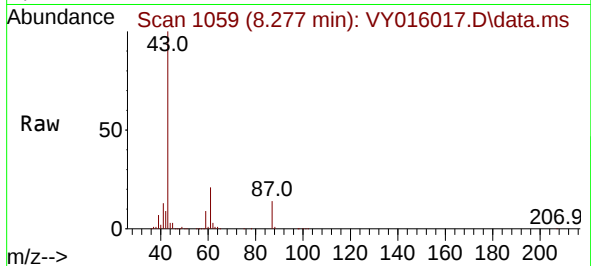
Tgt Ion: 62 Resp: 155490
Ion Ratio Lower Upper
62 100
98 10.2 0.0 15.8





#43
Isopropyl Acetate
Concen: 51.124 ug/l
RT: 8.277 min Scan# 1059
Delta R.T. 0.000 min
Lab File: VY016017.D
Acq: 18 Oct 2023 12:40

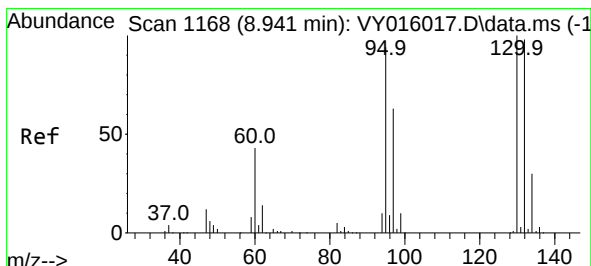
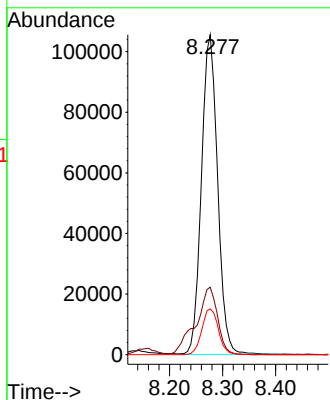
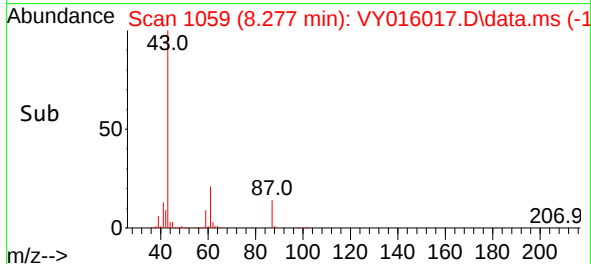
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050



Tgt Ion: 43 Resp: 223625
Ion Ratio Lower Upper
43 100
61 28.4 21.1 31.7
87 14.6 9.8 14.8

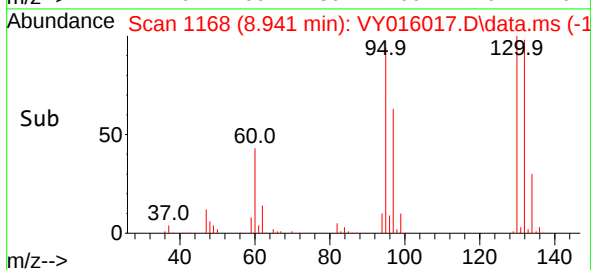
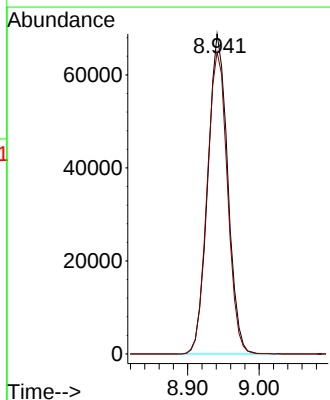
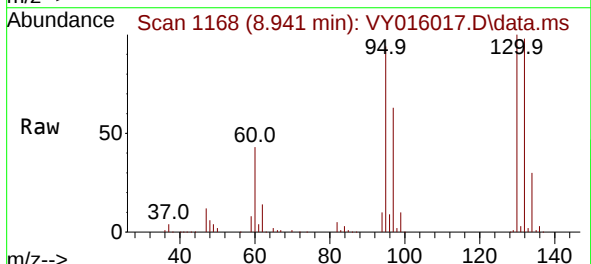
Manual Integrations
APPROVED

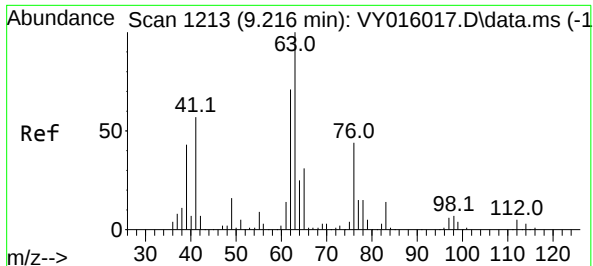
Reviewed By :John Carlone 10/19/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#44
Trichloroethene
Concen: 48.489 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. 0.000 min
Lab File: VY016017.D
Acq: 18 Oct 2023 12:40

Tgt Ion:130 Resp: 132996
Ion Ratio Lower Upper
130 100
95 94.4 0.0 196.0





#45

1,2-Dichloropropane

Concen: 49.015 ug/l

RT: 9.216 min Scan# 1213

Delta R.T. 0.000 min

Lab File: VY016017.D

Acq: 18 Oct 2023 12:40

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

Tgt Ion: 63 Resp: 11990

Ion Ratio Lower Upper

63 100

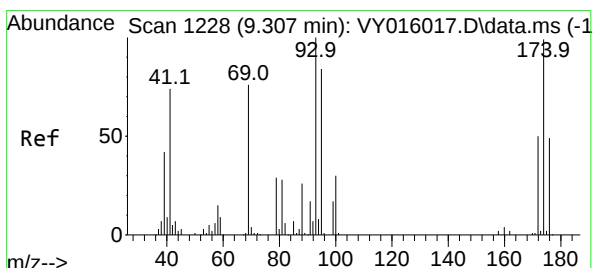
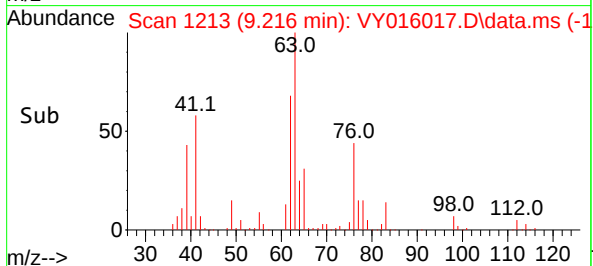
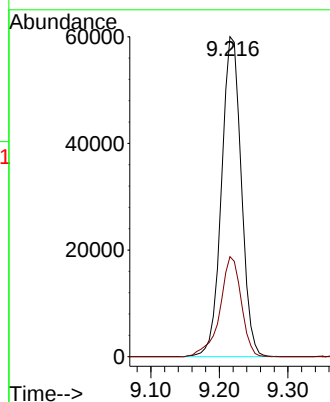
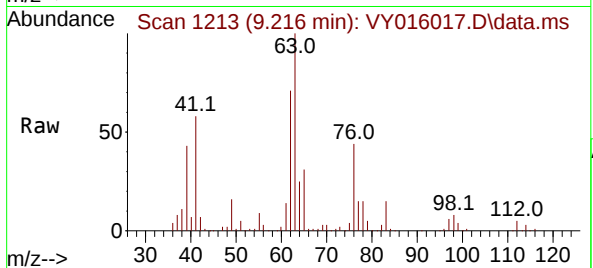
65 31.3 23.8 35.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/19/2023

Supervised By :Semsettin Yesilyurt 10/20/2023



#46

Dibromomethane

Concen: 50.049 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VY016017.D

Acq: 18 Oct 2023 12:40

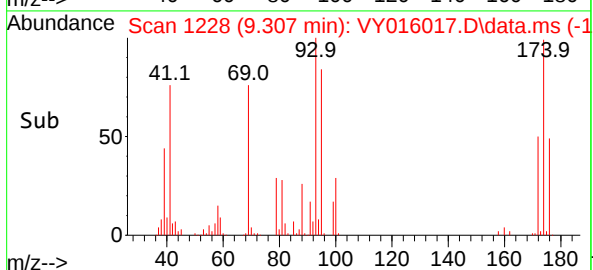
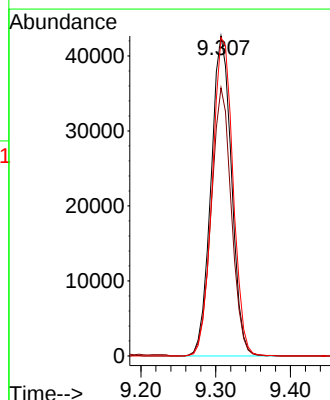
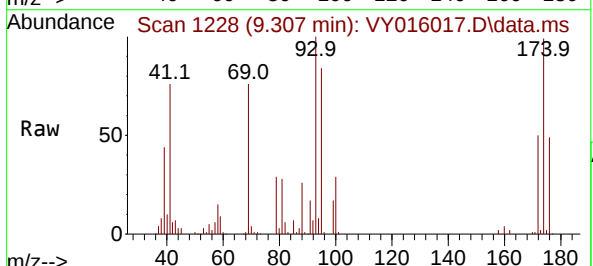
Tgt Ion: 93 Resp: 81344

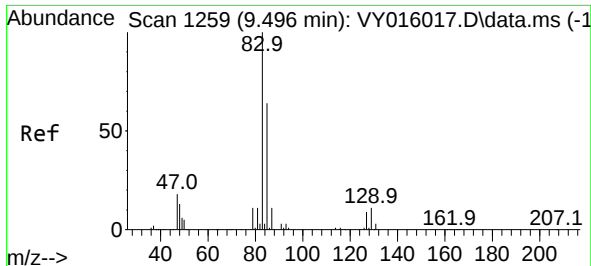
Ion Ratio Lower Upper

93 100

95 82.3 66.6 100.0

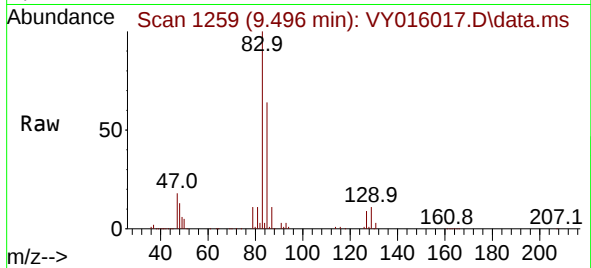
174 100.6 84.8 127.2





#47
Bromodichloromethane
Concen: 49.682 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VY016017.D
Acq: 18 Oct 2023 12:40

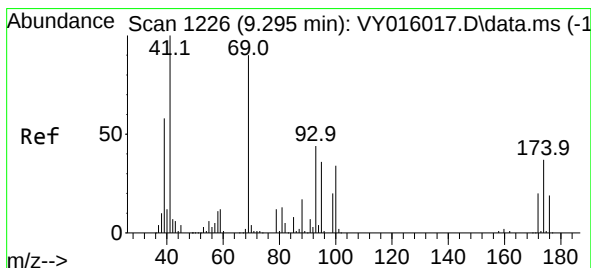
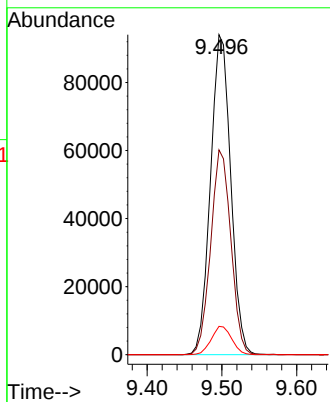
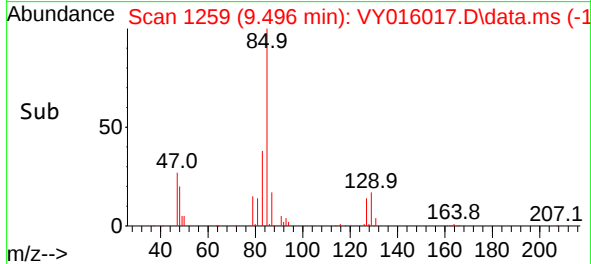
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050



Tgt Ion: 83 Resp: 176979
Ion Ratio Lower Upper
83 100
85 64.0 50.1 75.1
127 8.8 7.1 10.7

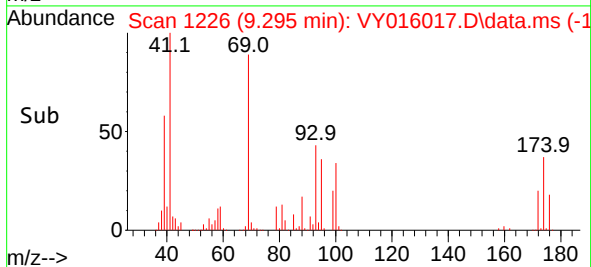
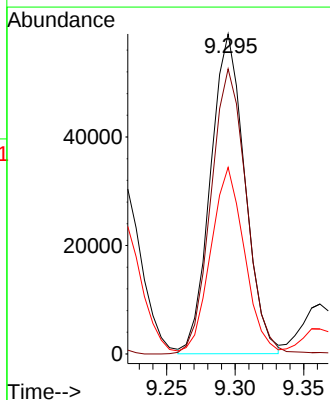
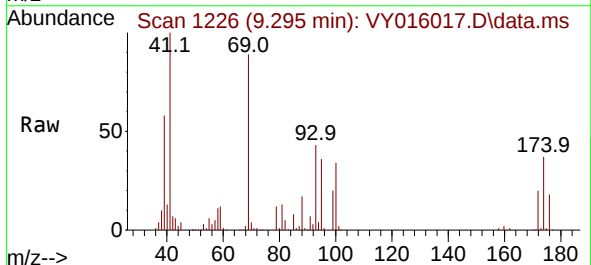
Manual Integrations
APPROVED

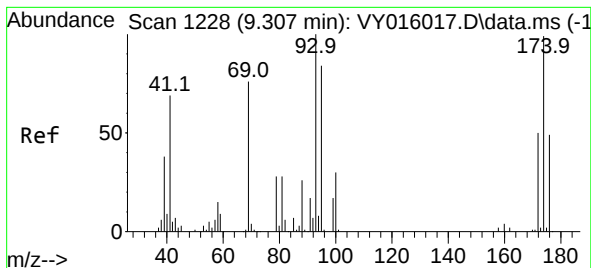
Reviewed By :John Carlone 10/19/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#48
Methyl methacrylate
Concen: 51.657 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. 0.000 min
Lab File: VY016017.D
Acq: 18 Oct 2023 12:40

Tgt Ion: 41 Resp: 102853
Ion Ratio Lower Upper
41 100
69 92.1 64.5 96.7
39 55.5 50.8 76.2





#49

1,4-Dioxane

Concen: 1104.262 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VY016017.D

Acq: 18 Oct 2023 12:40

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

Tgt Ion: 88 Resp: 28578

Ion Ratio Lower Upper

88 100

43 30.0 0.0 0.0

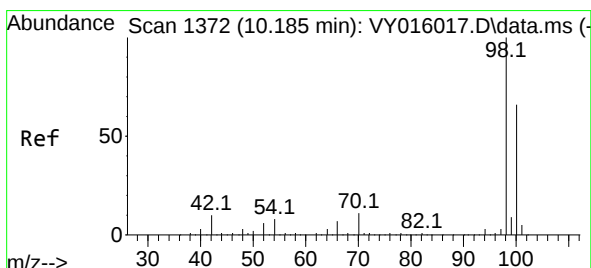
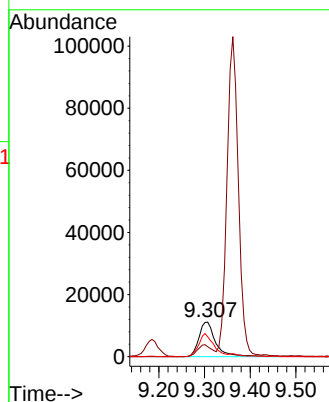
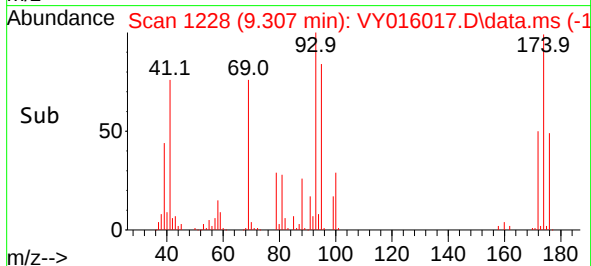
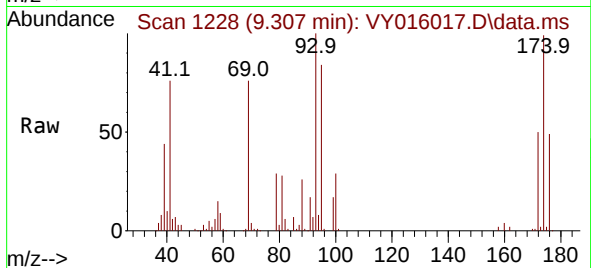
58 58.7 30.9 46.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/19/2023

Supervised By :Semsettin Yesilyurt 10/20/2023



#50

Toluene-d8

Concen: 45.909 ug/l

RT: 10.185 min Scan# 1372

Delta R.T. 0.000 min

Lab File: VY016017.D

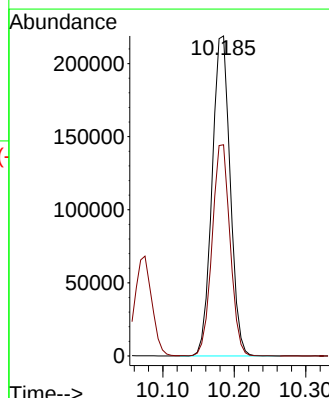
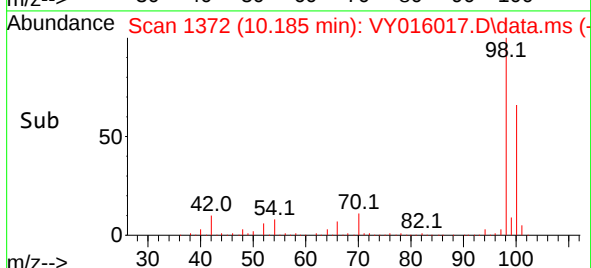
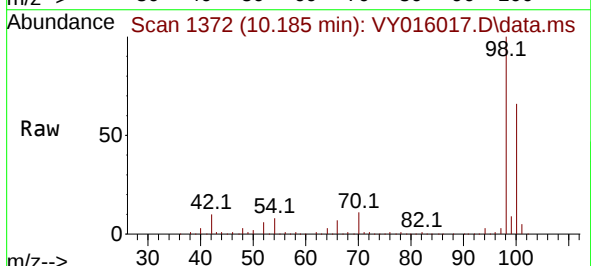
Acq: 18 Oct 2023 12:40

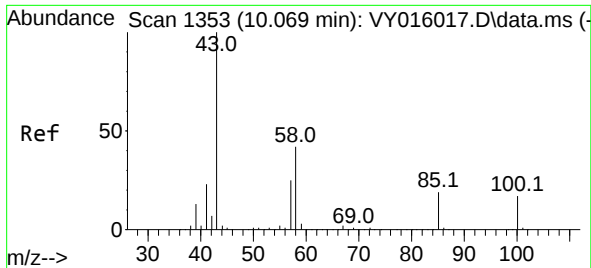
Tgt Ion: 98 Resp: 384656

Ion Ratio Lower Upper

98 100

100 65.7 50.1 75.1





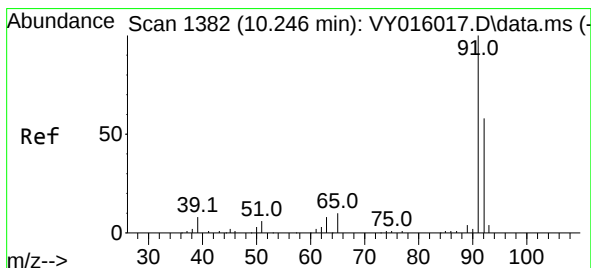
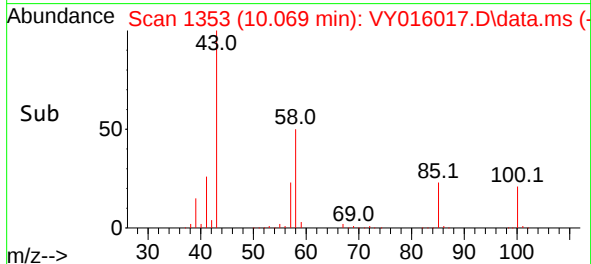
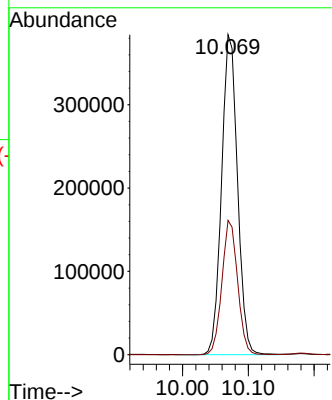
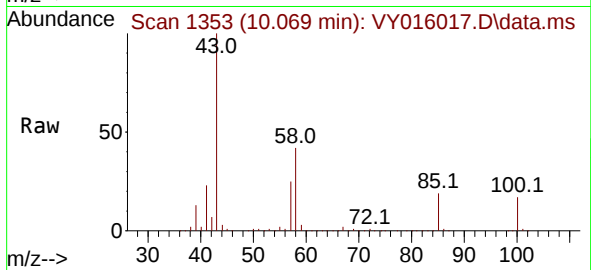
#51
4-Methyl-2-Pentanone
Concen: 257.290 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. 0.000 min
Lab File: VY016017.D
Acq: 18 Oct 2023 12:40

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion: 43 Resp: 647180
Ion Ratio Lower Upper
43 100
58 41.3 29.0 43.6

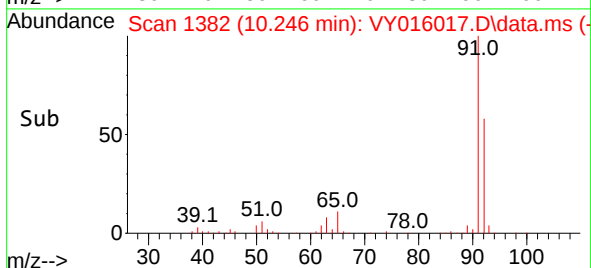
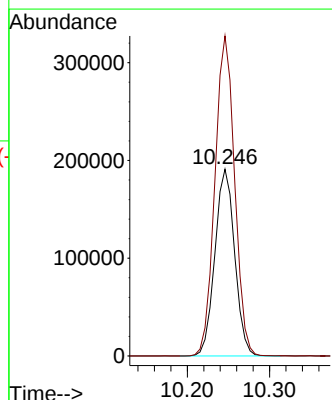
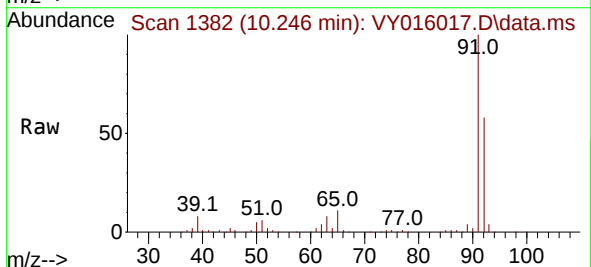
Manual Integrations
APPROVED

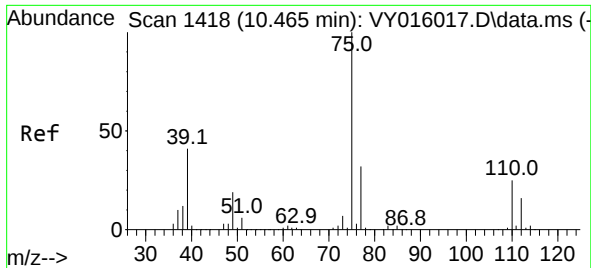
Reviewed By :John Carlone 10/19/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#52
Toluene
Concen: 50.251 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. 0.000 min
Lab File: VY016017.D
Acq: 18 Oct 2023 12:40

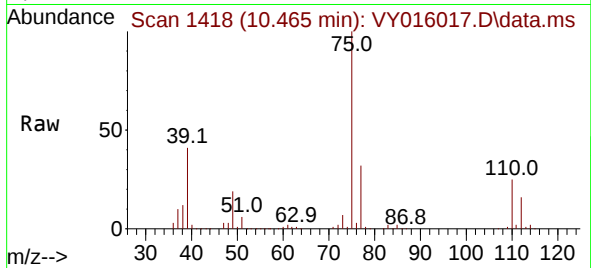
Tgt Ion: 92 Resp: 318837
Ion Ratio Lower Upper
92 100
91 171.2 143.8 215.6





#53
t-1,3-Dichloropropene
Concen: 50.658 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VY016017.D
Acq: 18 Oct 2023 12:40

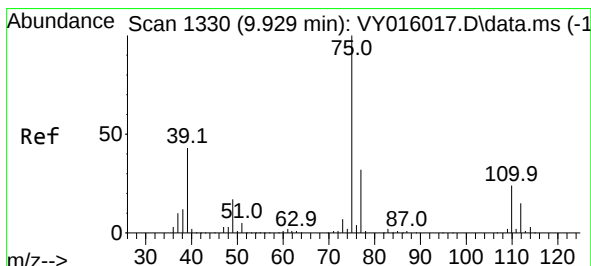
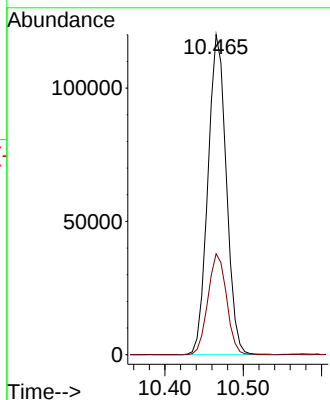
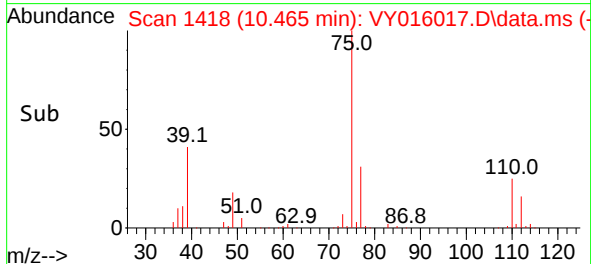
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050



Tgt Ion: 75 Resp: 19548
Ion Ratio Lower Upper
75 100
77 31.6 25.0 37.4

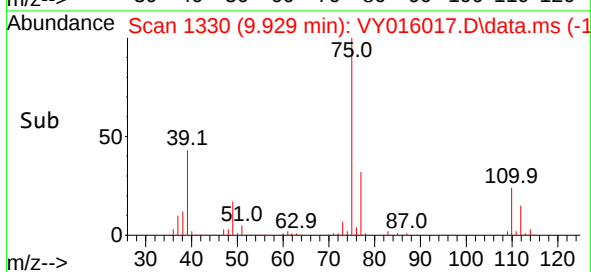
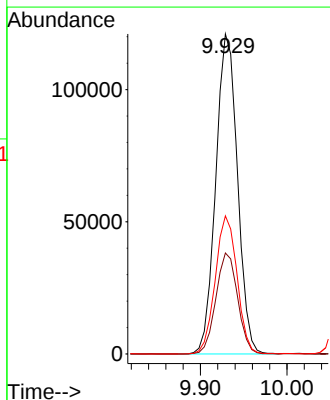
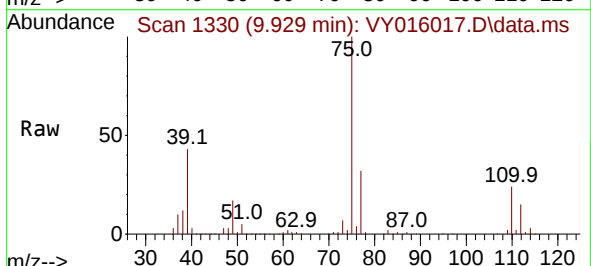
Manual Integrations
APPROVED

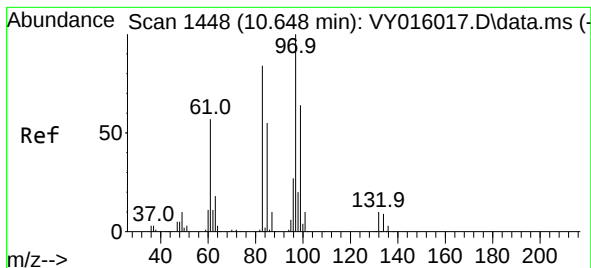
Reviewed By :John Carlone 10/19/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#54
cis-1,3-Dichloropropene
Concen: 50.062 ug/l
RT: 9.929 min Scan# 1330
Delta R.T. 0.000 min
Lab File: VY016017.D
Acq: 18 Oct 2023 12:40

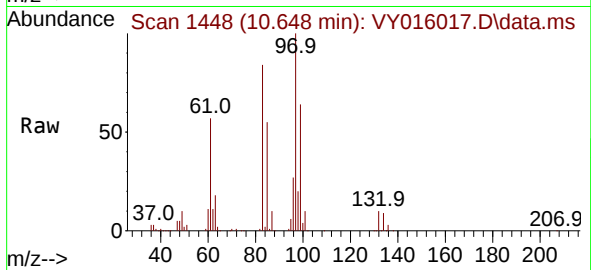
Tgt Ion: 75 Resp: 210580
Ion Ratio Lower Upper
75 100
77 31.5 24.2 36.4
39 43.1 42.2 63.4





#55
1,1,2-Trichloroethane
Concen: 50.114 ug/l
RT: 10.648 min Scan# 1448
Delta R.T. 0.000 min
Lab File: VY016017.D
Acq: 18 Oct 2023 12:40

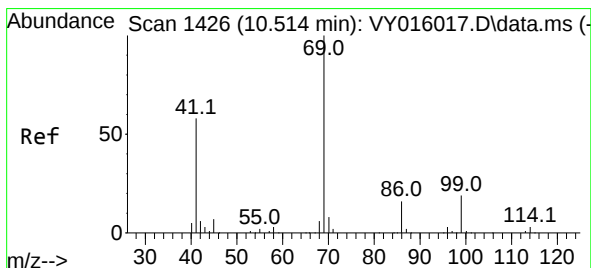
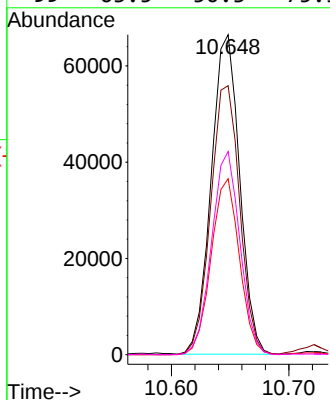
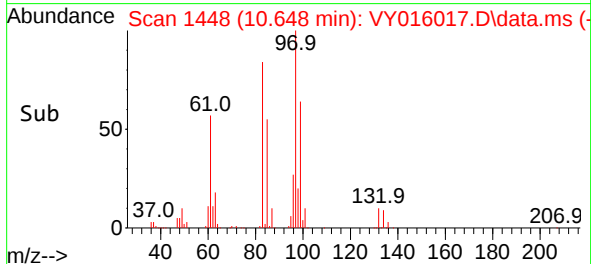
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050



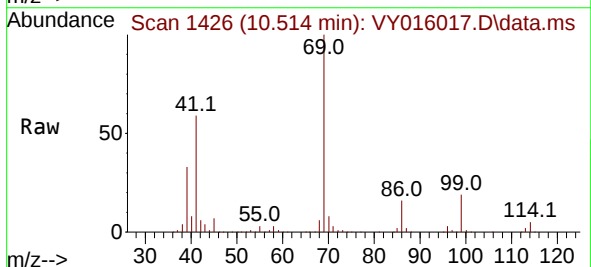
Tgt Ion: 97 Resp: 111898
Ion Ratio Lower Upper
97 100
83 84.1 72.0 108.0
85 55.1 45.4 68.0
99 63.5 50.3 75.5

Manual Integrations
APPROVED

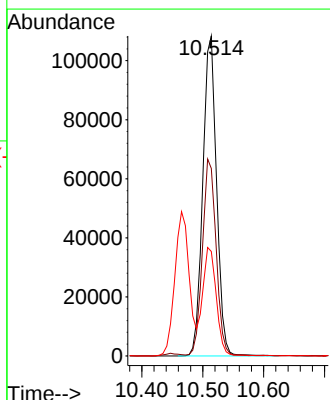
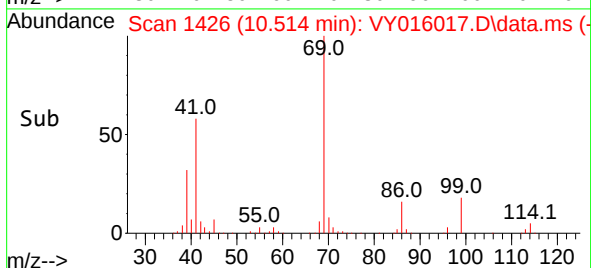
Reviewed By :John Carlone 10/19/2023
Supervised By :Semsettin Yesilyurt 10/20/2023

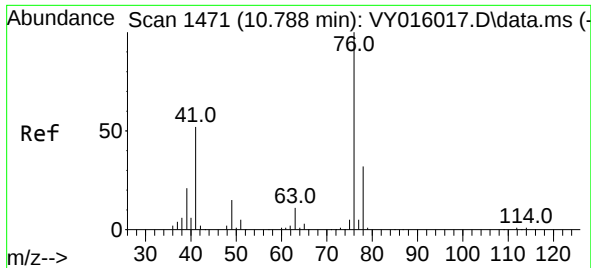


#56
Ethyl methacrylate
Concen: 52.248 ug/l
RT: 10.514 min Scan# 1426
Delta R.T. 0.000 min
Lab File: VY016017.D
Acq: 18 Oct 2023 12:40



Tgt Ion: 69 Resp: 170494
Ion Ratio Lower Upper
69 100
41 60.8 57.6 86.4
39 33.3 34.1 51.1





#57

1,3-Dichloropropane

Concen: 50.264 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VY016017.D

Acq: 18 Oct 2023 12:40

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

Tgt Ion: 76 Resp: 19039

Ion Ratio Lower Upper

76 100

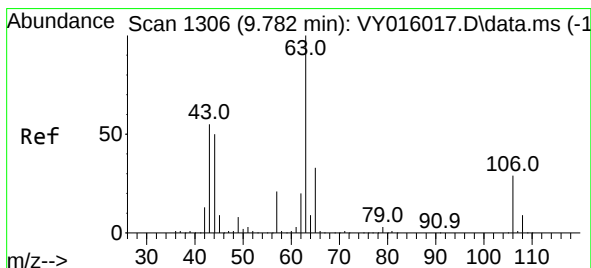
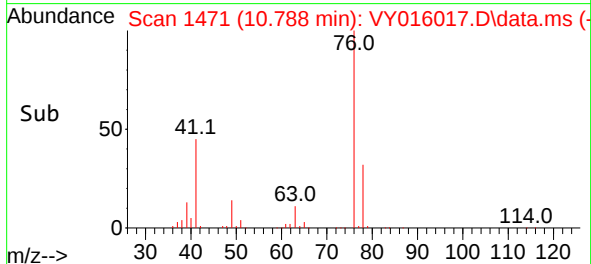
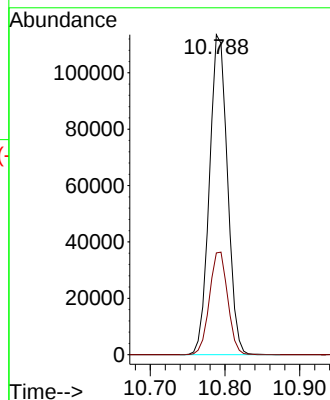
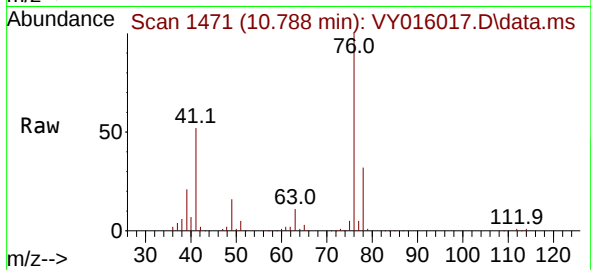
78 32.4 25.3 37.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/19/2023

Supervised By :Semsettin Yesilyurt 10/20/2023



#58

2-Chloroethyl Vinyl ether

Concen: 256.273 ug/l

RT: 9.782 min Scan# 1306

Delta R.T. 0.000 min

Lab File: VY016017.D

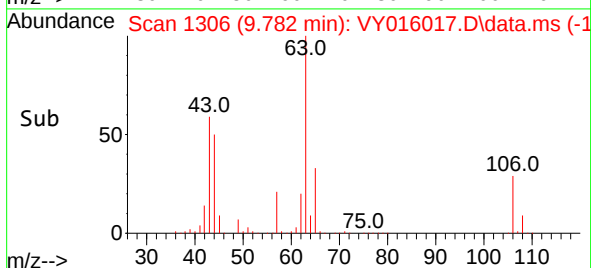
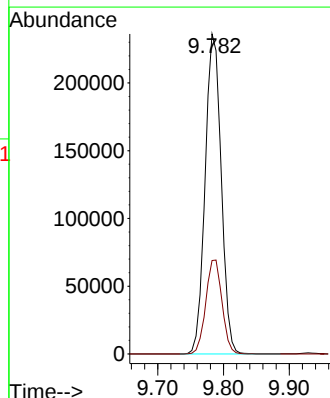
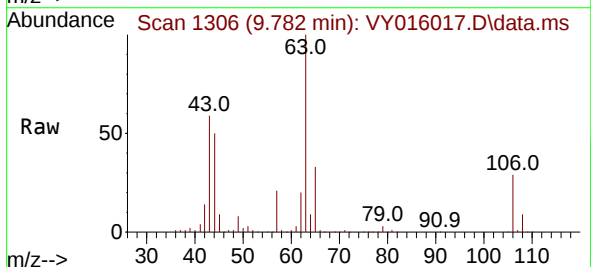
Acq: 18 Oct 2023 12:40

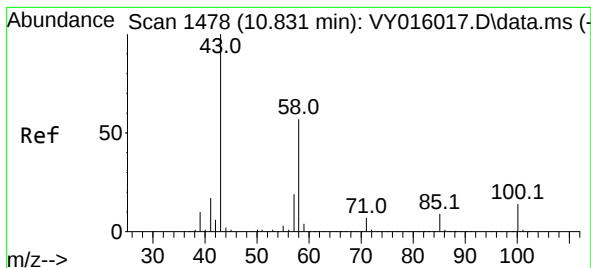
Tgt Ion: 63 Resp: 401675

Ion Ratio Lower Upper

63 100

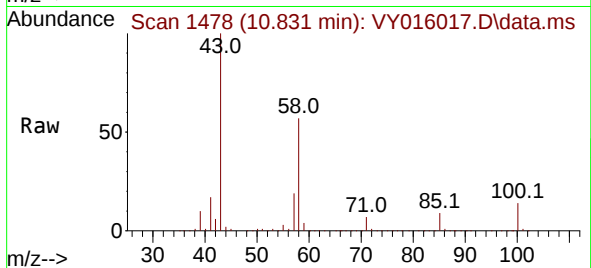
106 29.6 21.2 31.8





#59
2-Hexanone
Concen: 259.143 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY016017.D
Acq: 18 Oct 2023 12:40

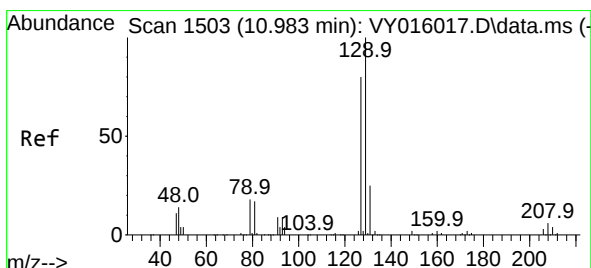
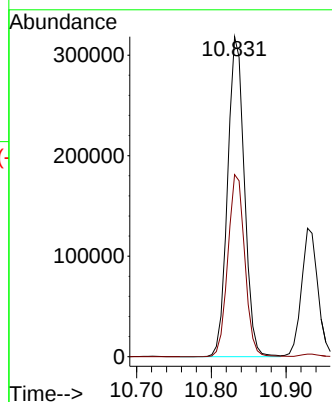
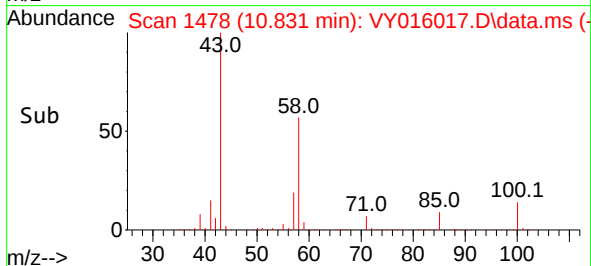
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050



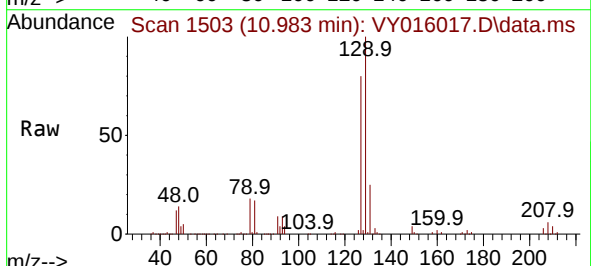
Tgt Ion: 43 Resp: 495939
Ion Ratio Lower Upper
43 100
58 57.3 25.1 75.3

Manual Integrations
APPROVED

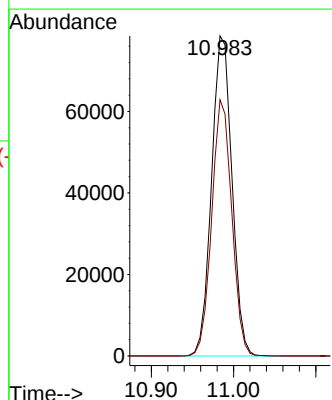
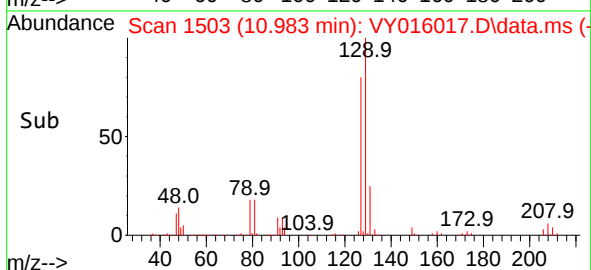
Reviewed By :John Carlone 10/19/2023
Supervised By :Semsettin Yesilyurt 10/20/2023

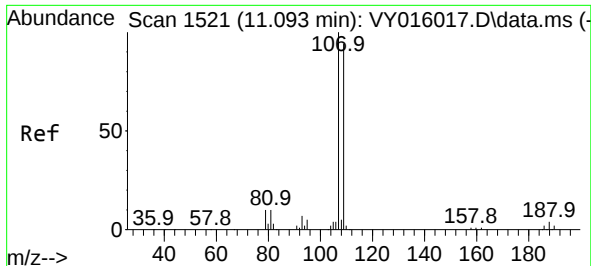


#60
Dibromochloromethane
Concen: 49.974 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. 0.000 min
Lab File: VY016017.D
Acq: 18 Oct 2023 12:40



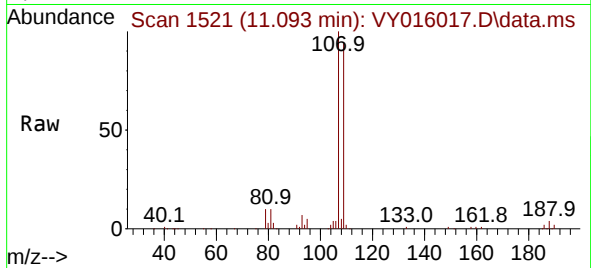
Tgt Ion:129 Resp: 134949
Ion Ratio Lower Upper
129 100
127 78.7 38.5 115.5





#61
1,2-Dibromoethane
Concen: 50.298 ug/l
RT: 11.093 min Scan# 1521
Delta R.T. 0.000 min
Lab File: VY016017.D
Acq: 18 Oct 2023 12:40

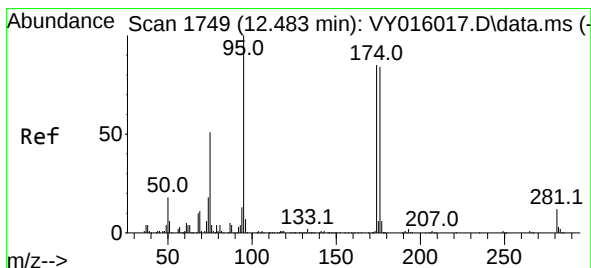
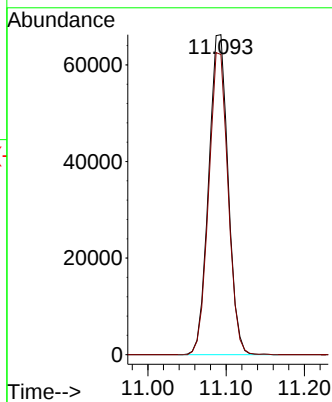
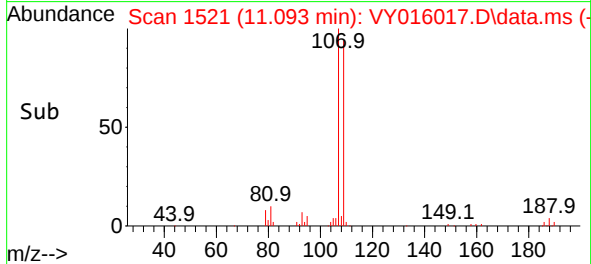
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050



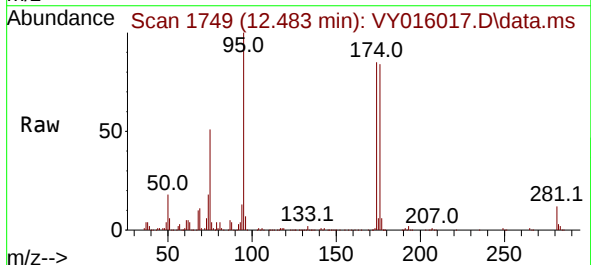
Tgt Ion:107 Resp: 114295
Ion Ratio Lower Upper
107 100
109 93.8 75.6 113.4

Manual Integrations
APPROVED

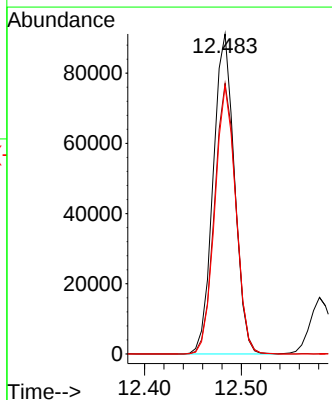
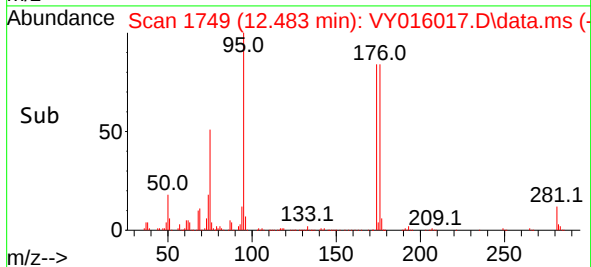
Reviewed By :John Carlone 10/19/2023
Supervised By :Semsettin Yesilyurt 10/20/2023

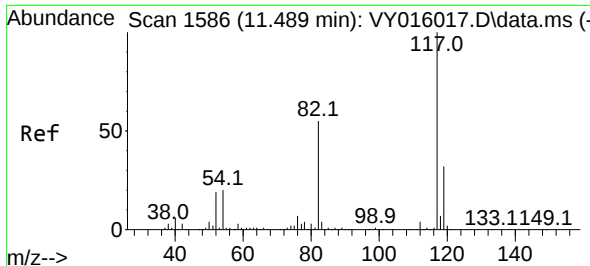


#62
4-Bromofluorobenzene
Concen: 46.478 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY016017.D
Acq: 18 Oct 2023 12:40



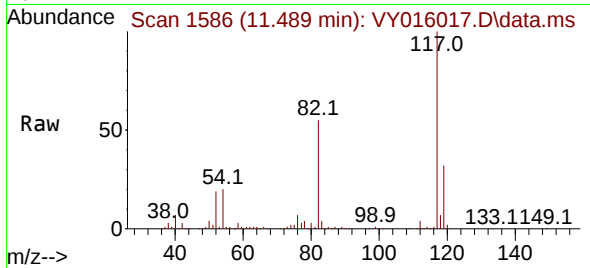
Tgt Ion: 95 Resp: 138951
Ion Ratio Lower Upper
95 100
174 84.9 0.0 178.2
176 82.3 0.0 173.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY016017.D
Acq: 18 Oct 2023 12:40

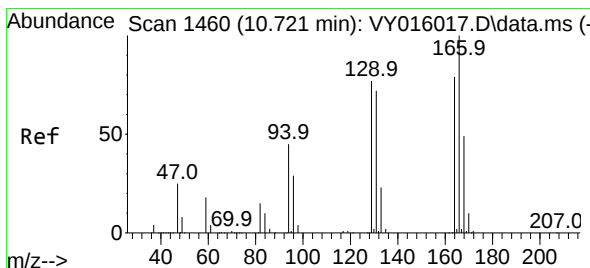
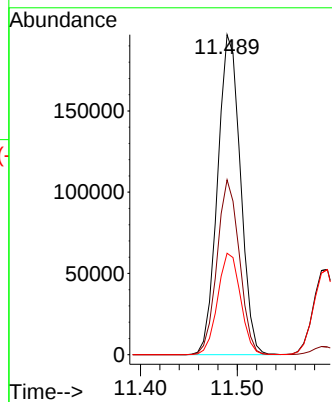
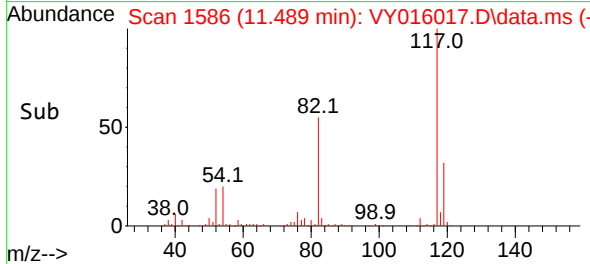
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050



Tgt Ion:117 Resp: 32169
Ion Ratio Lower Upper
117 100
82 54.7 43.4 65.0
119 31.7 26.3 39.5

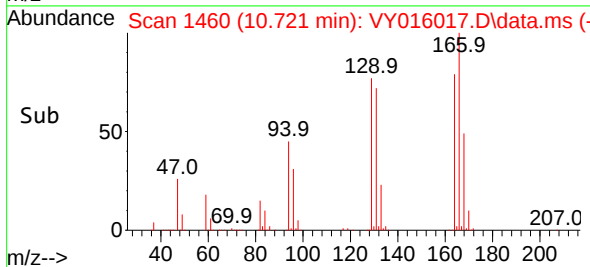
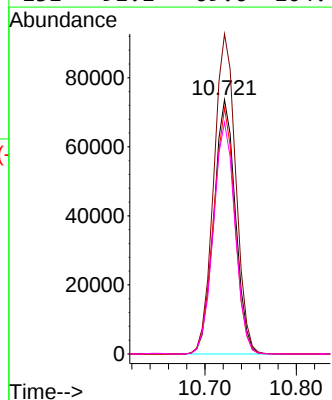
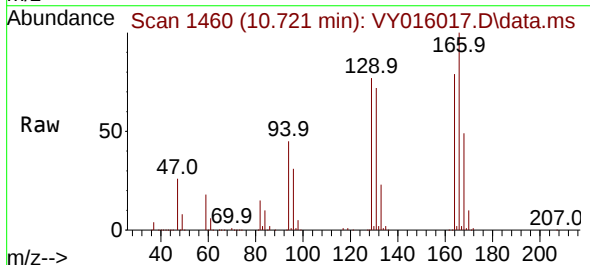
Manual Integrations
APPROVED

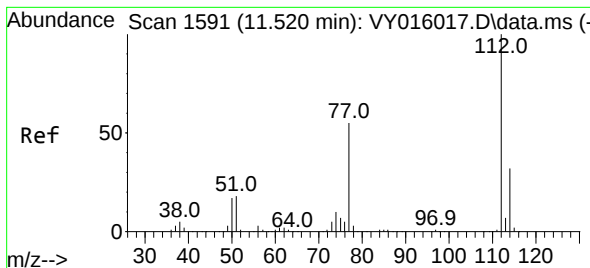
Reviewed By :John Carlone 10/19/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#64
Tetrachloroethene
Concen: 48.414 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. 0.000 min
Lab File: VY016017.D
Acq: 18 Oct 2023 12:40

Tgt Ion:164 Resp: 120768
Ion Ratio Lower Upper
164 100
166 125.9 103.0 154.6
129 96.8 77.2 115.8
131 91.1 69.6 104.4





#65

Chlorobenzene

Concen: 49.412 ug/l

RT: 11.520 min Scan# 1591

Delta R.T. 0.000 min

Lab File: VY016017.D

Acq: 18 Oct 2023 12:40

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

Tgt Ion:112 Resp: 344249

Ion Ratio Lower Upper

112 100

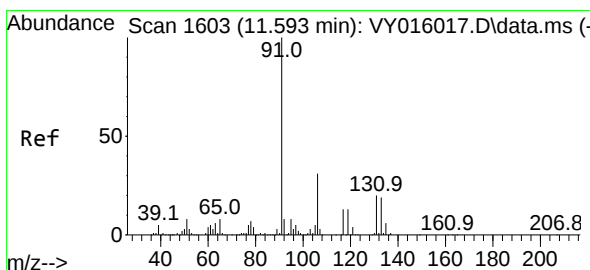
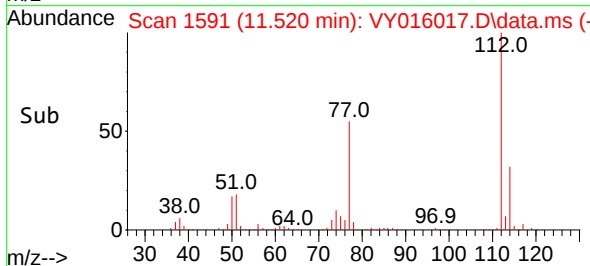
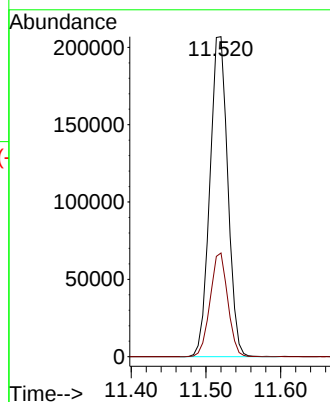
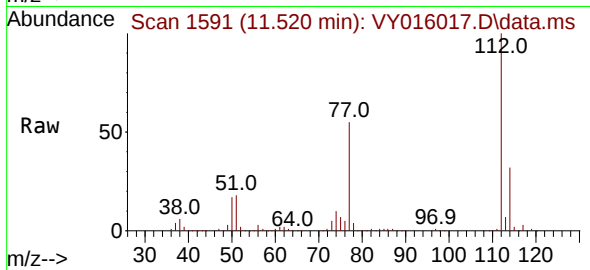
114 32.4 25.5 38.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/19/2023

Supervised By :Semsettin Yesilyurt 10/20/2023



#66

1,1,1,2-Tetrachloroethane

Concen: 49.033 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. 0.000 min

Lab File: VY016017.D

Acq: 18 Oct 2023 12:40

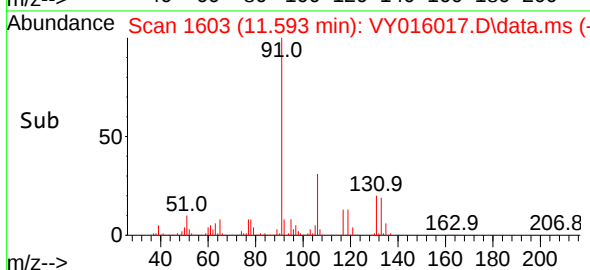
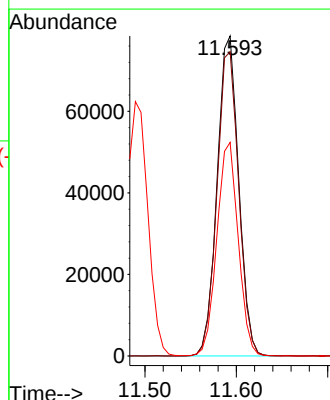
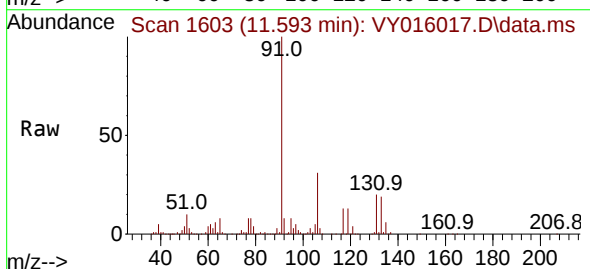
Tgt Ion:131 Resp: 128758

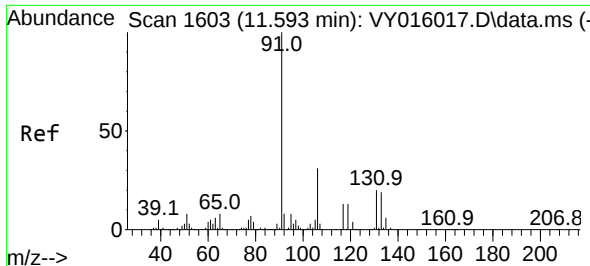
Ion Ratio Lower Upper

131 100

133 95.9 47.5 142.6

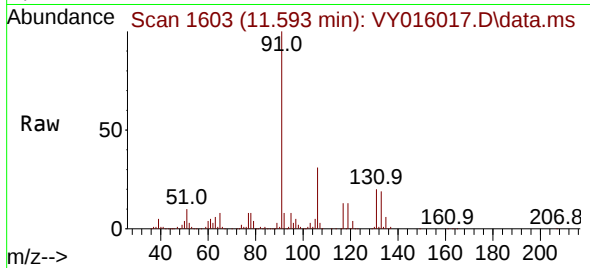
119 66.3 31.6 94.7





#67
Ethyl Benzene
Concen: 49.776 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY016017.D
Acq: 18 Oct 2023 12:40

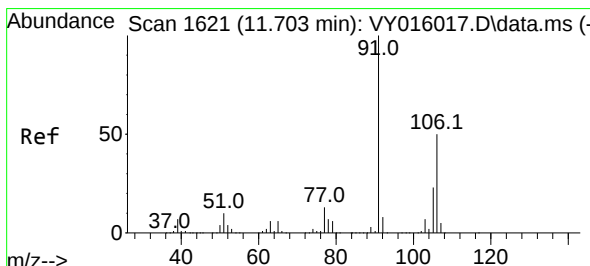
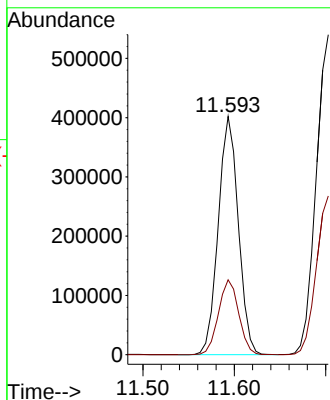
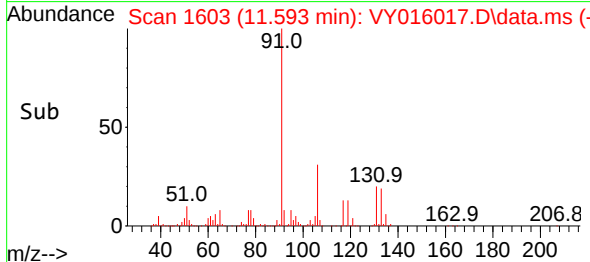
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050



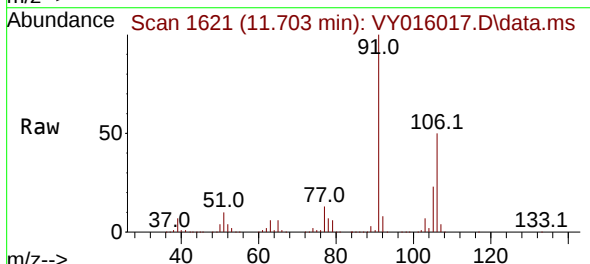
Tgt Ion: 91 Resp: 61364
Ion Ratio Lower Upper
91 100
106 31.4 24.6 36.8

Manual Integrations
APPROVED

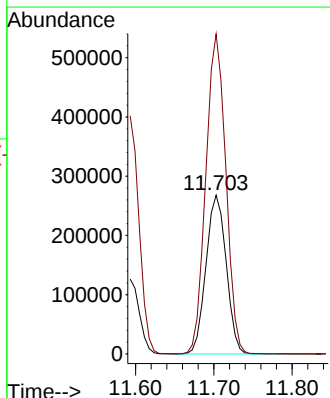
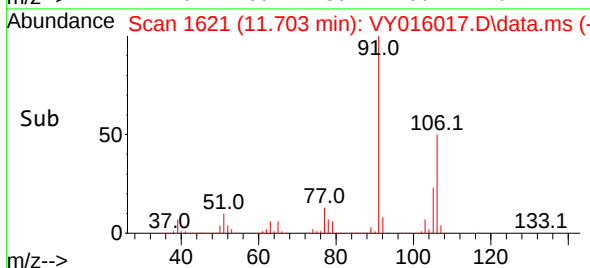
Reviewed By :John Carlone 10/19/2023
Supervised By :Semsettin Yesilyurt 10/20/2023

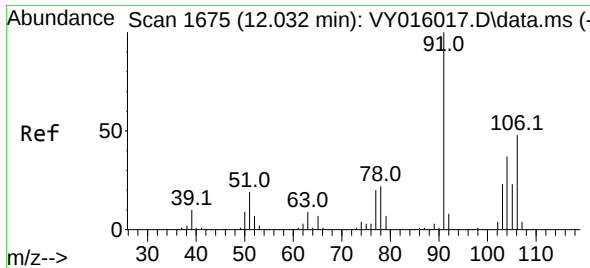


#68
m/p-Xylenes
Concen: 99.797 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. 0.000 min
Lab File: VY016017.D
Acq: 18 Oct 2023 12:40



Tgt Ion:106 Resp: 479754
Ion Ratio Lower Upper
106 100
91 199.5 166.1 249.1





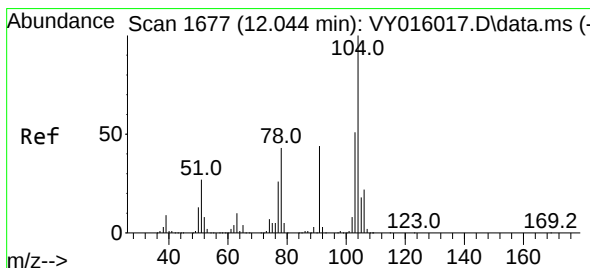
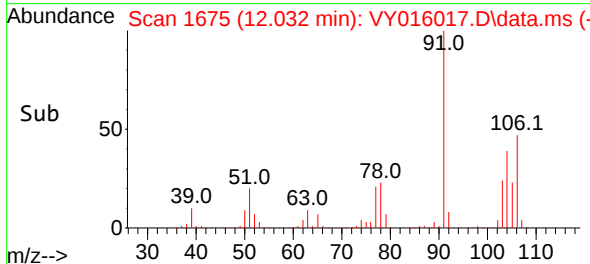
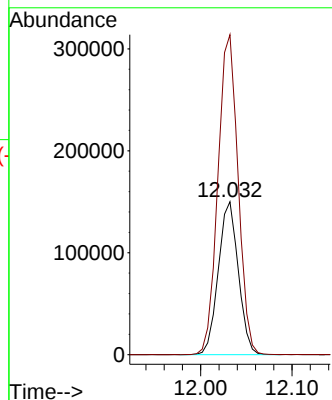
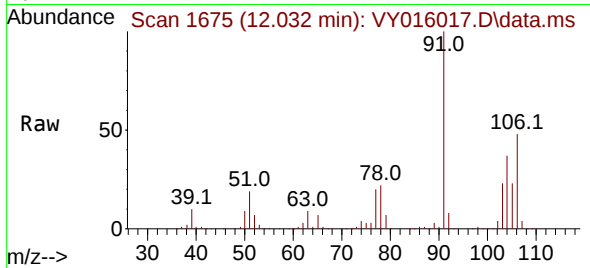
#69
o-Xylene
Concen: 49.936 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VY016017.D
Acq: 18 Oct 2023 12:40

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion:106 Resp: 228375
Ion Ratio Lower Upper
106 100
91 211.0 108.1 324.3

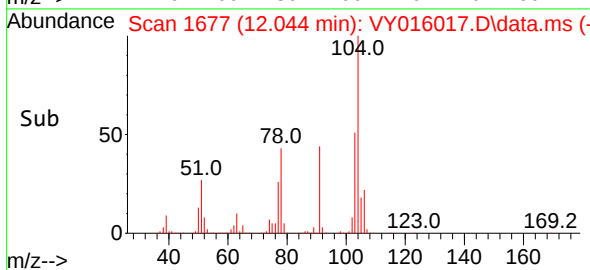
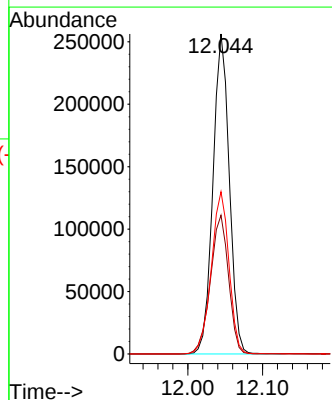
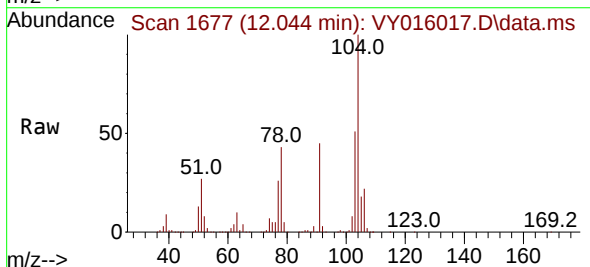
Manual Integrations
APPROVED

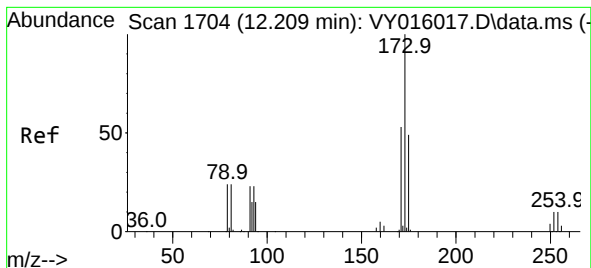
Reviewed By :John Carlone 10/19/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#70
Styrene
Concen: 50.017 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VY016017.D
Acq: 18 Oct 2023 12:40

Tgt Ion:104 Resp: 389865
Ion Ratio Lower Upper
104 100
78 47.9 41.5 62.3
103 54.7 44.6 67.0





#71

Bromoform

Concen: 51.039 ug/l

RT: 12.209 min Scan# 1704

Delta R.T. 0.000 min

Lab File: VY016017.D

Acq: 18 Oct 2023 12:40

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

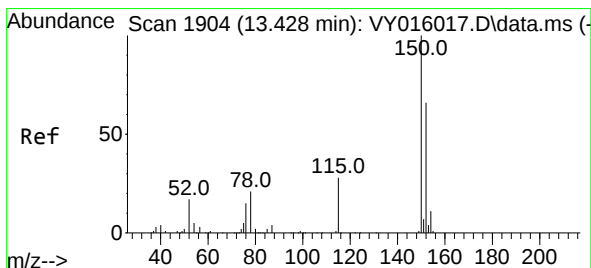
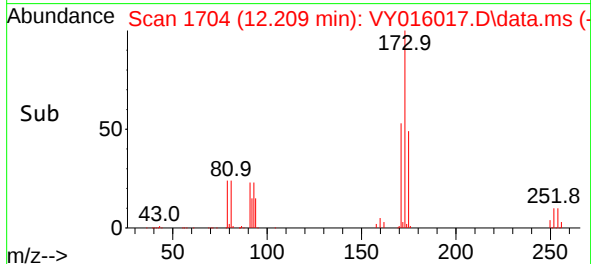
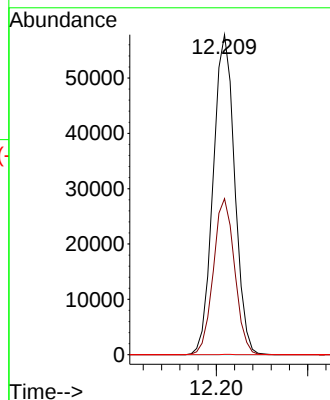
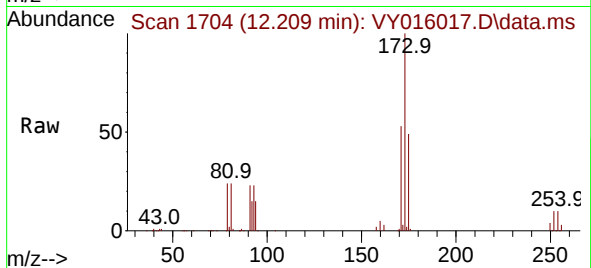
Tgt Ion:	173	Resp:	94308
Ion Ratio	Lower	Upper	
173	100		
175	48.4	24.6	73.8
254	0.1	0.2	0.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/19/2023

Supervised By :Semsettin Yesilyurt 10/20/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

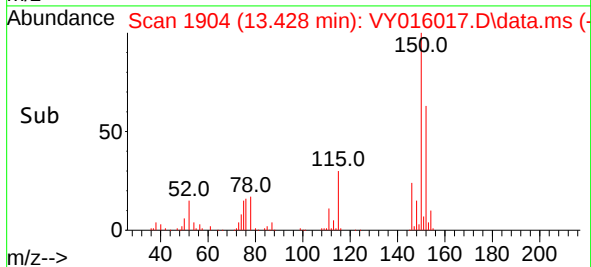
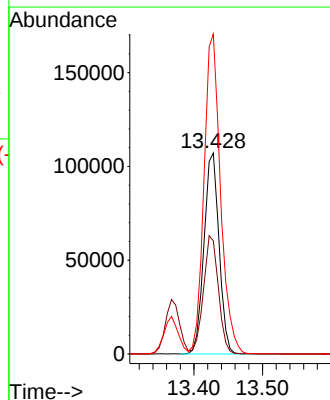
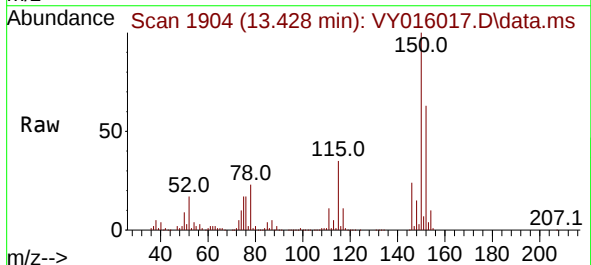
RT: 13.428 min Scan# 1904

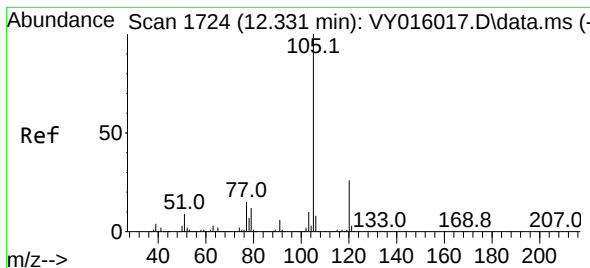
Delta R.T. 0.000 min

Lab File: VY016017.D

Acq: 18 Oct 2023 12:40

Tgt Ion:	152	Resp:	164157
Ion Ratio	Lower	Upper	
152	100		
115	58.6	28.8	86.5
150	174.5	0.0	348.8





#73

Isopropylbenzene

Concen: 49.224 ug/l

RT: 12.331 min Scan# 1724

Delta R.T. 0.000 min

Lab File: VY016017.D

Acq: 18 Oct 2023 12:40

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

Tgt Ion:105 Resp: 604450

Ion Ratio Lower Upper

105 100

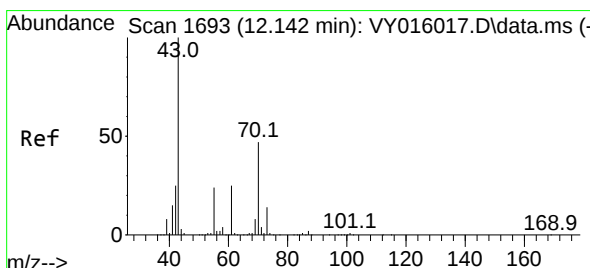
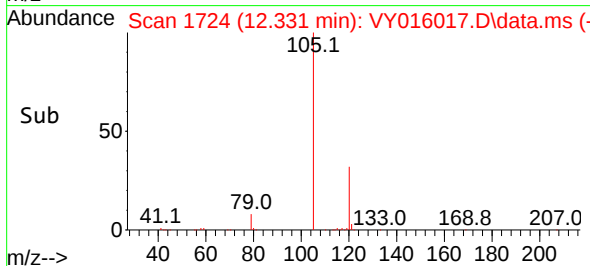
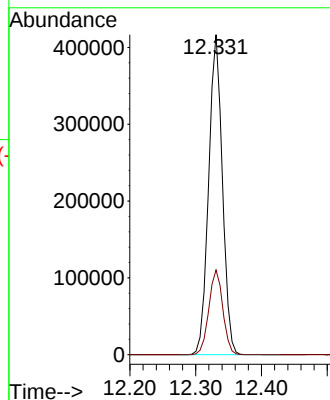
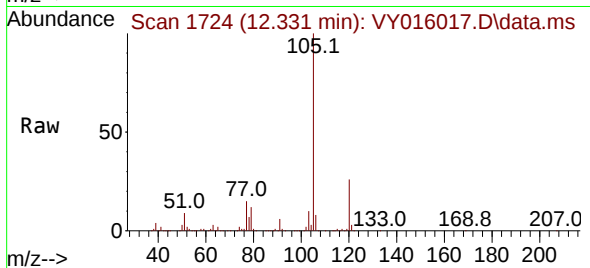
120 26.9 13.3 39.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/19/2023

Supervised By :Semsettin Yesilyurt 10/20/2023



#74

N-ethyl acetate

Concen: 51.122 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. 0.000 min

Lab File: VY016017.D

Acq: 18 Oct 2023 12:40

Tgt Ion: 43 Resp: 198279

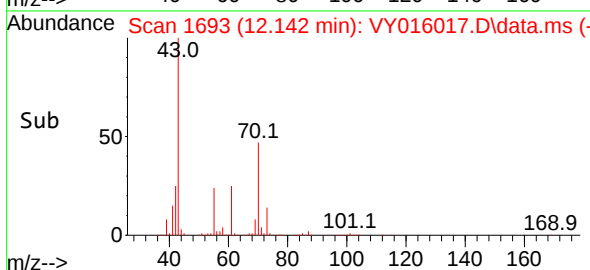
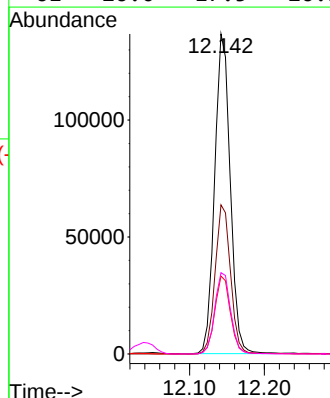
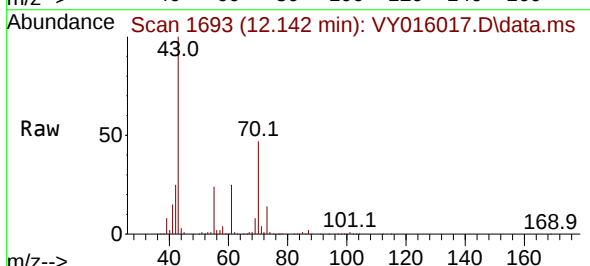
Ion Ratio Lower Upper

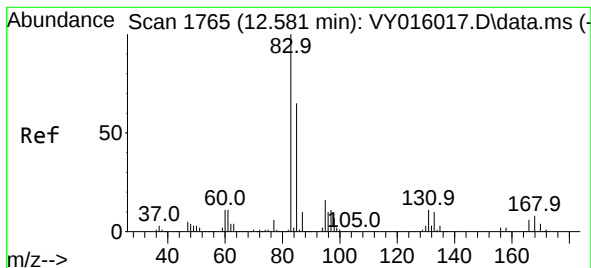
43 100

70 46.3 29.7 44.5

55 24.7 18.3 27.5

61 26.0 17.5 26.3





#75

1,1,2,2-Tetrachloroethane

Concen: 49.267 ug/l

RT: 12.581 min Scan# 1765

Delta R.T. 0.000 min

Lab File: VY016017.D

Acq: 18 Oct 2023 12:40

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

Tgt Ion: 83 Resp: 15152

Ion Ratio Lower Upper

83 100

131 10.7 5.4 16.2

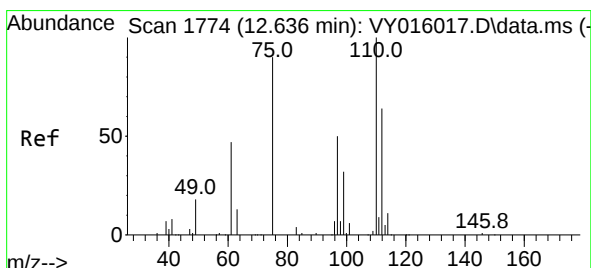
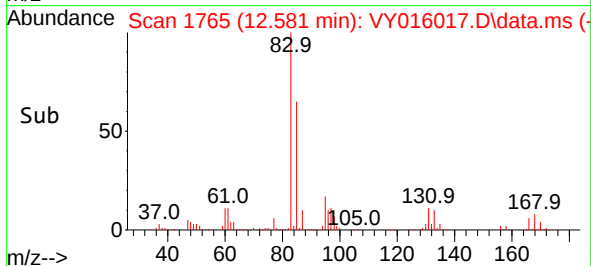
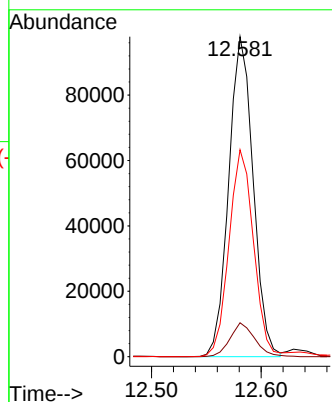
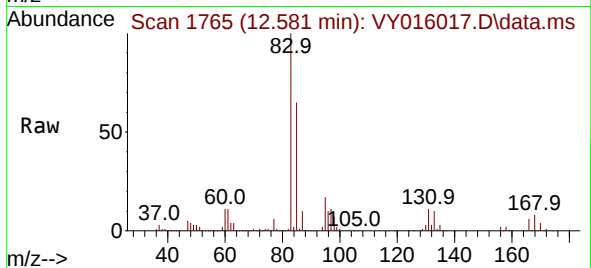
85 65.1 31.8 95.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/19/2023

Supervised By :Semsettin Yesilyurt 10/20/2023



#76

1,2,3-Trichloropropane

Concen: 50.320 ug/l m

RT: 12.636 min Scan# 1774

Delta R.T. 0.000 min

Lab File: VY016017.D

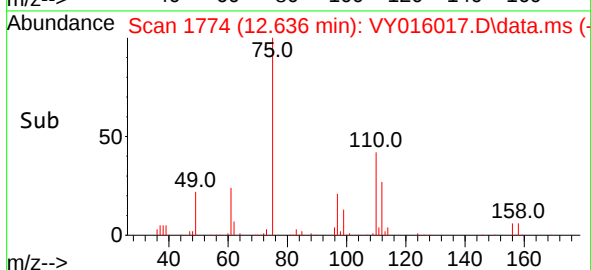
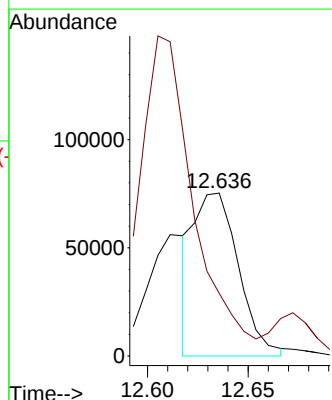
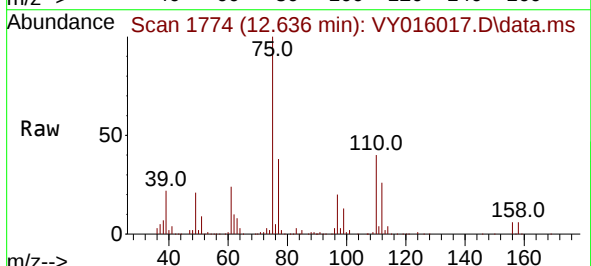
Acq: 18 Oct 2023 12:40

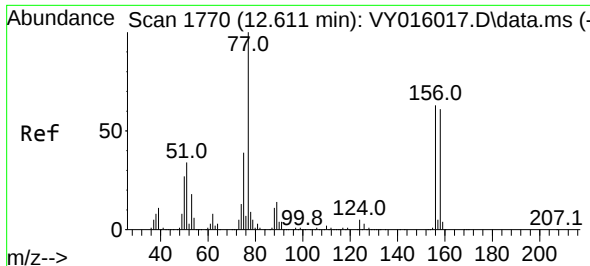
Tgt Ion: 75 Resp: 116520

Ion Ratio Lower Upper

75 100

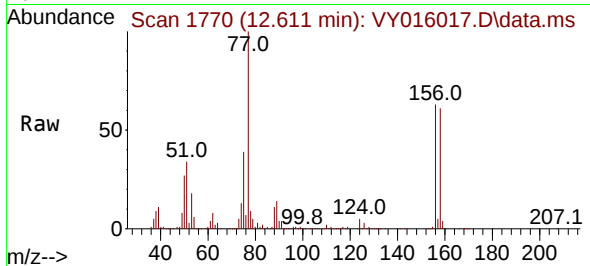
77 0.0 0.0 0.0





#77
Bromobenzene
Concen: 49.085 ug/l
RT: 12.611 min Scan# 1770
Delta R.T. 0.000 min
Lab File: VY016017.D
Acq: 18 Oct 2023 12:40

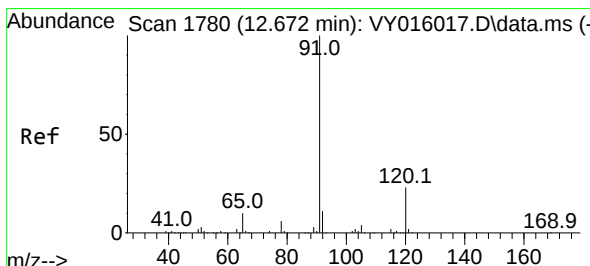
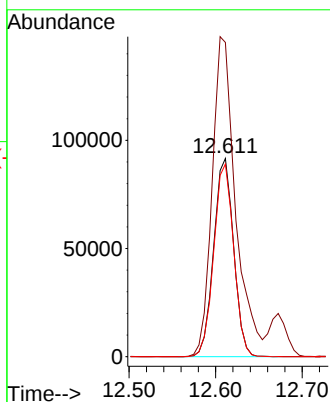
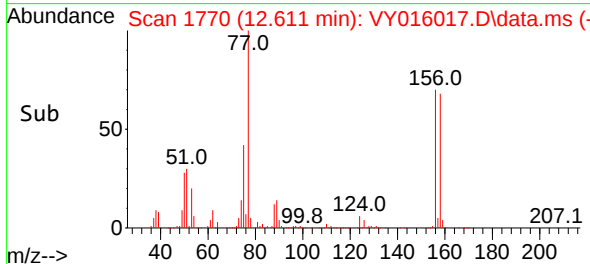
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050



Tgt Ion:156 Resp: 146298
Ion Ratio Lower Upper
156 100
77 189.1 92.8 278.6
158 97.5 48.4 145.3

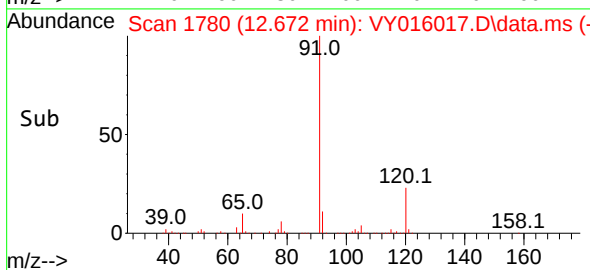
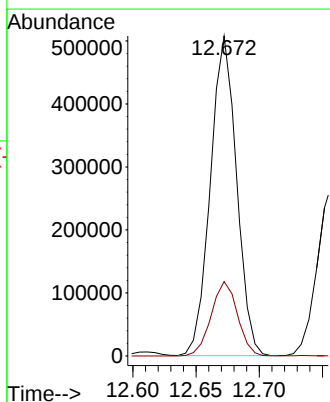
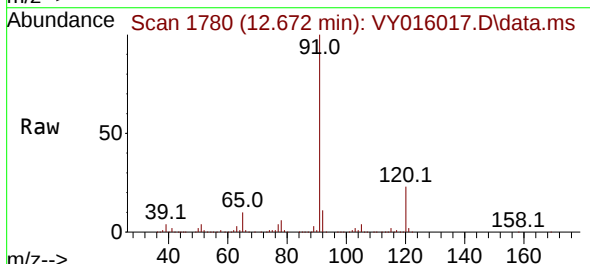
Manual Integrations
APPROVED

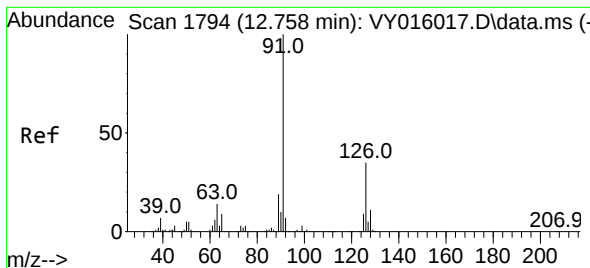
Reviewed By :John Carlone 10/19/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#78
n-propylbenzene
Concen: 49.373 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. 0.000 min
Lab File: VY016017.D
Acq: 18 Oct 2023 12:40

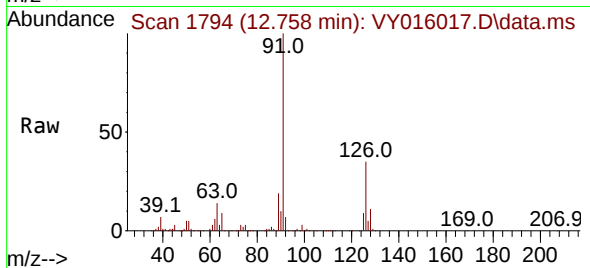
Tgt Ion: 91 Resp: 730253
Ion Ratio Lower Upper
91 100
120 23.3 11.5 34.4





#79
2-Chlorotoluene
Concen: 49.296 ug/l
RT: 12.758 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VY016017.D
Acq: 18 Oct 2023 12:40

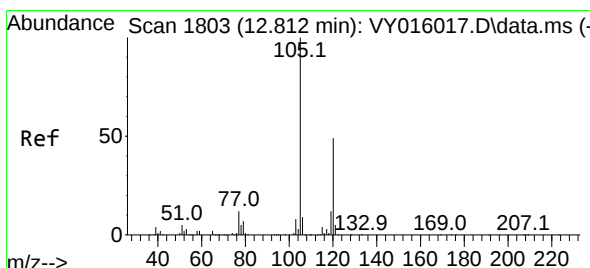
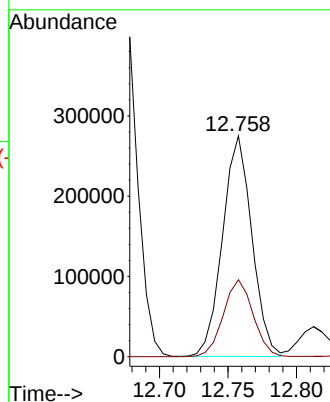
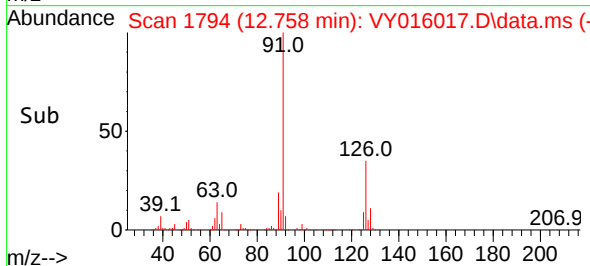
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050



Tgt Ion: 91 Resp: 409249
Ion Ratio Lower Upper
91 100
126 35.4 17.3 51.7

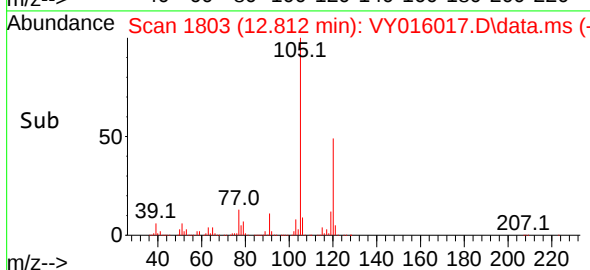
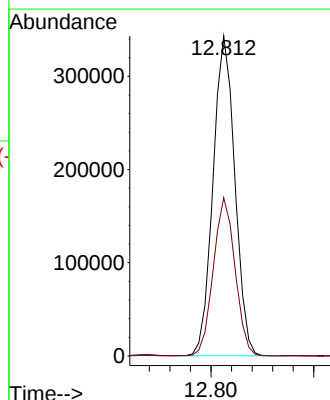
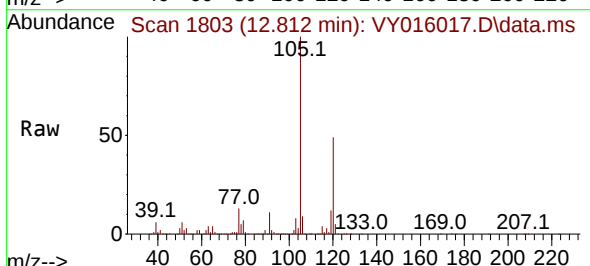
Manual Integrations
APPROVED

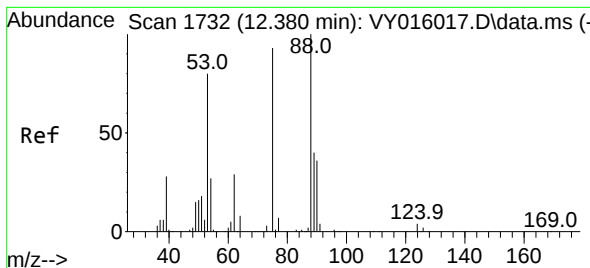
Reviewed By :John Carlone 10/19/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#80
1,3,5-Trimethylbenzene
Concen: 49.611 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY016017.D
Acq: 18 Oct 2023 12:40

Tgt Ion:105 Resp: 504597
Ion Ratio Lower Upper
105 100
120 49.4 23.9 71.7





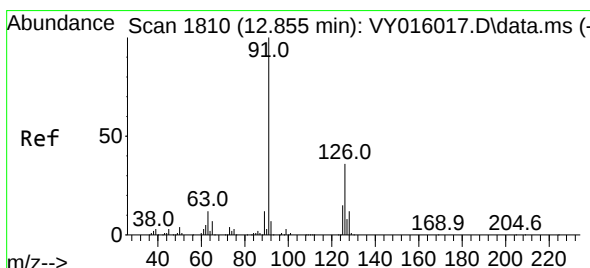
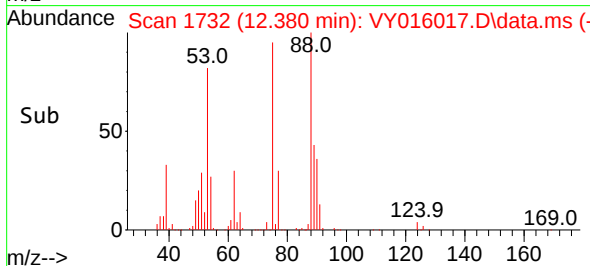
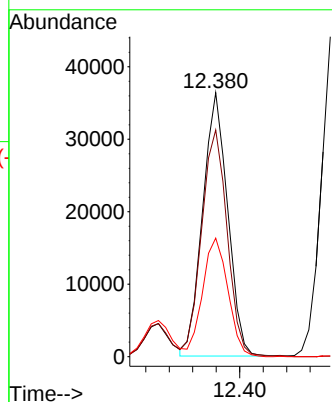
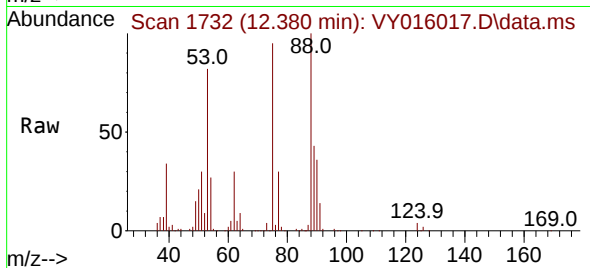
#81
trans-1,4-Dichloro-2-butene
Concen: 50.454 ug/l
RT: 12.380 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VY016017.D
Acq: 18 Oct 2023 12:40

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion: 75 Resp: 5372
Ion Ratio Lower Upper
75 100
53 88.3 77.8 116.8
89 45.4 37.4 56.0

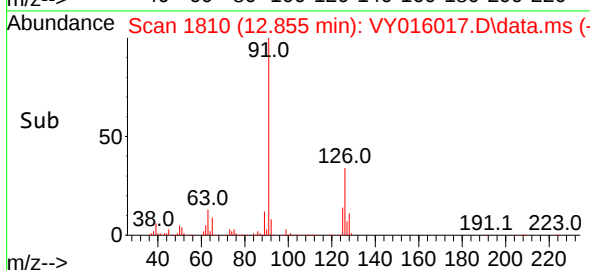
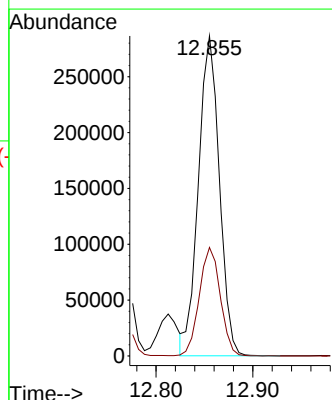
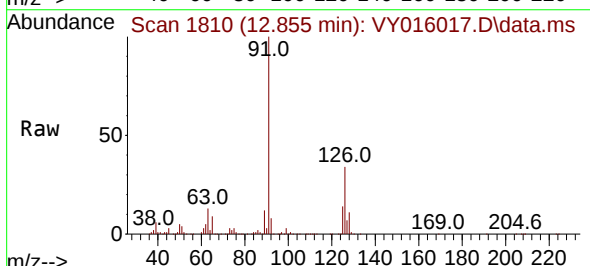
Manual Integrations
APPROVED

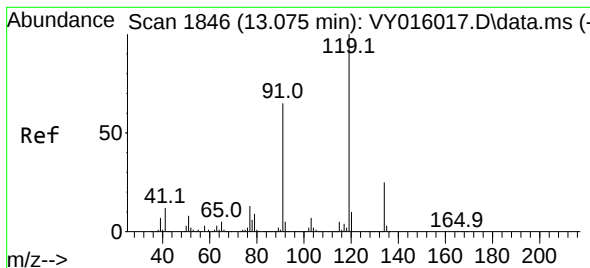
Reviewed By :John Carlone 10/19/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#82
4-Chlorotoluene
Concen: 49.792 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY016017.D
Acq: 18 Oct 2023 12:40

Tgt Ion: 91 Resp: 431415
Ion Ratio Lower Upper
91 100
126 34.2 17.2 51.6





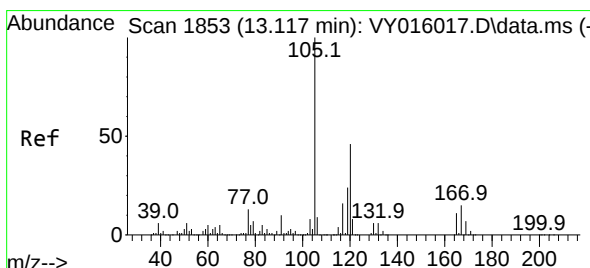
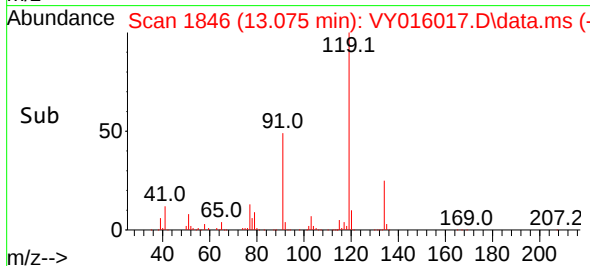
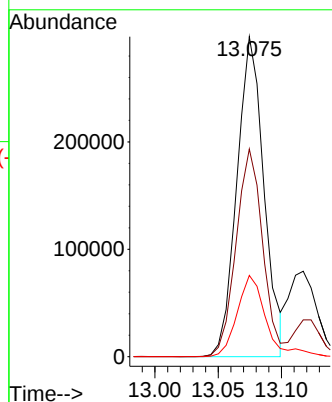
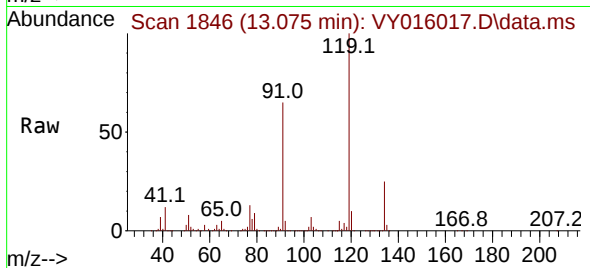
#83
tert-Butylbenzene
Concen: 49.812 ug/l
RT: 13.075 min Scan# 1846
Delta R.T. 0.000 min
Lab File: VY016017.D
Acq: 18 Oct 2023 12:40

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion:119 Resp: 444251
Ion Ratio Lower Upper
119 100
91 63.4 32.9 98.6
134 27.1 13.0 38.9

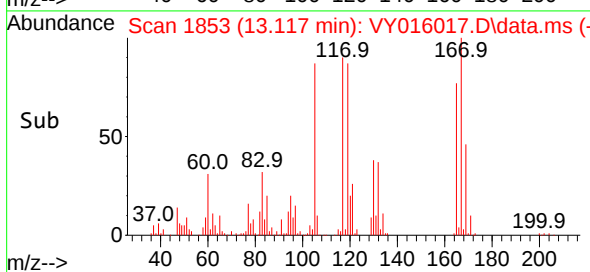
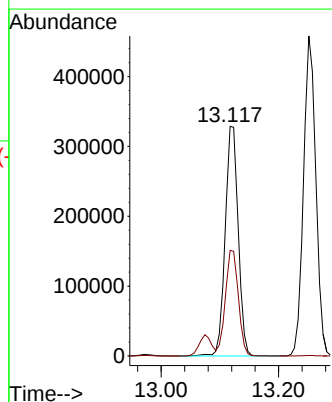
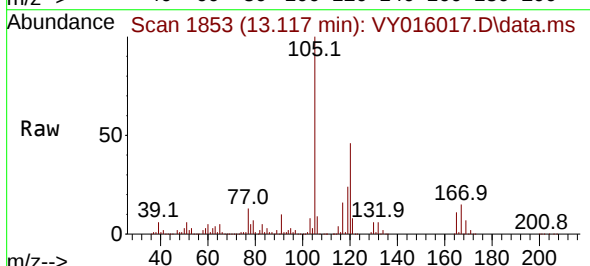
Manual Integrations
APPROVED

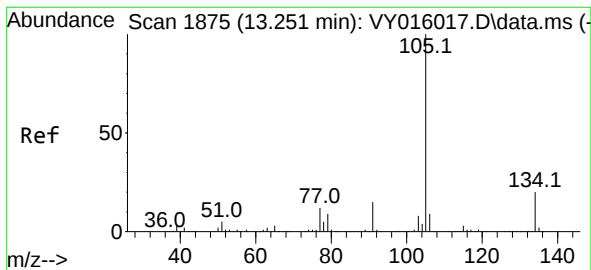
Reviewed By :John Carbone 10/19/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#84
1,2,4-Trimethylbenzene
Concen: 50.150 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VY016017.D
Acq: 18 Oct 2023 12:40

Tgt Ion:105 Resp: 506521
Ion Ratio Lower Upper
105 100
120 45.8 22.2 66.6





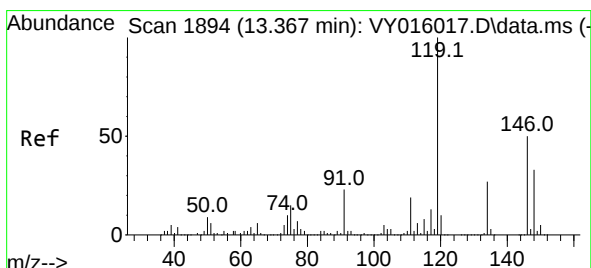
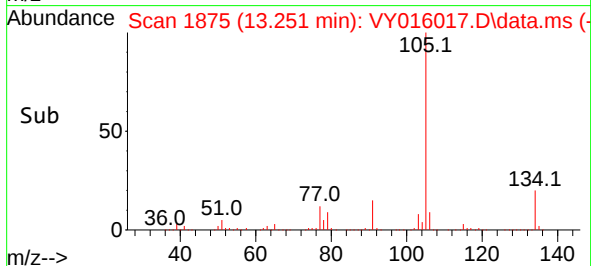
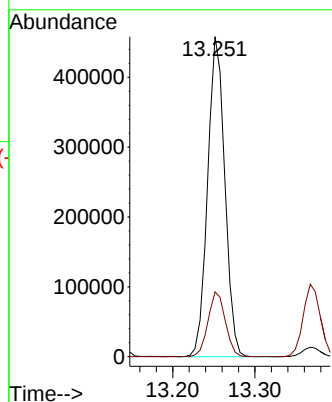
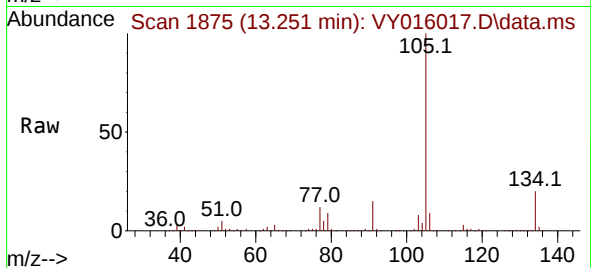
#85
 sec-Butylbenzene
 Concen: 49.900 ug/l
 RT: 13.251 min Scan# 1875
 Delta R.T. 0.000 min
 Lab File: VY016017.D
 Acq: 18 Oct 2023 12:40

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

Tgt Ion:105 Resp: 664679
 Ion Ratio Lower Upper
 105 100
 134 20.4 10.2 30.6

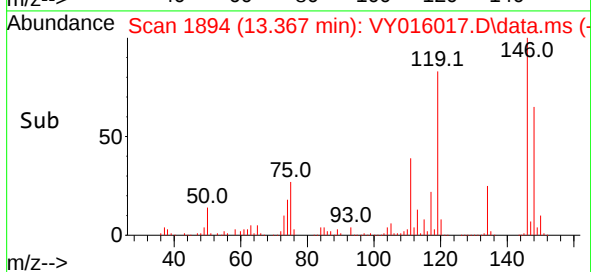
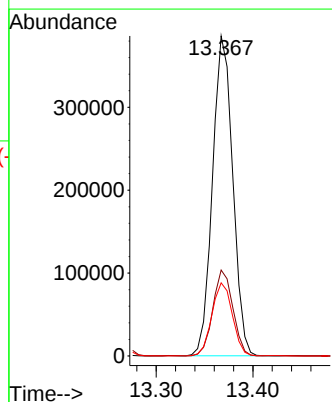
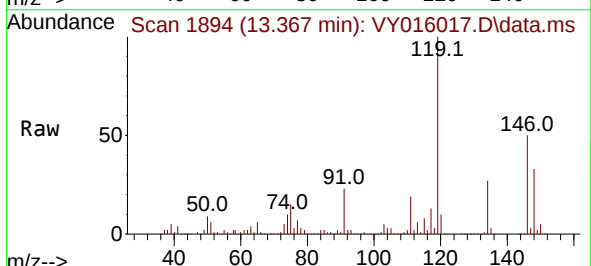
Manual Integrations
 APPROVED

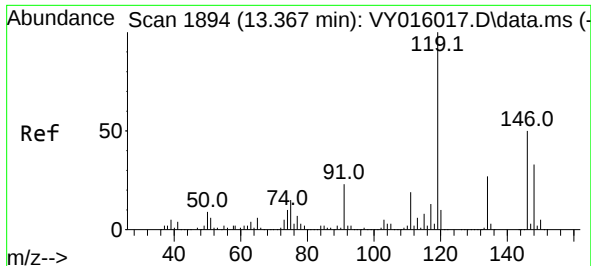
Reviewed By :John Carlone 10/19/2023
 Supervised By :Semsettin Yesilyurt 10/20/2023



#86
 p-Isopropyltoluene
 Concen: 50.278 ug/l
 RT: 13.367 min Scan# 1894
 Delta R.T. 0.000 min
 Lab File: VY016017.D
 Acq: 18 Oct 2023 12:40

Tgt Ion:119 Resp: 559662
 Ion Ratio Lower Upper
 119 100
 134 26.5 13.3 39.8
 91 23.1 12.4 37.4





#87

1,3-Dichlorobenzene

Concen: 49.443 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY016017.D

Acq: 18 Oct 2023 12:40

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

Tgt Ion:146 Resp: 28672

Ion Ratio Lower Upper

146 100

111 39.4 19.4 58.2

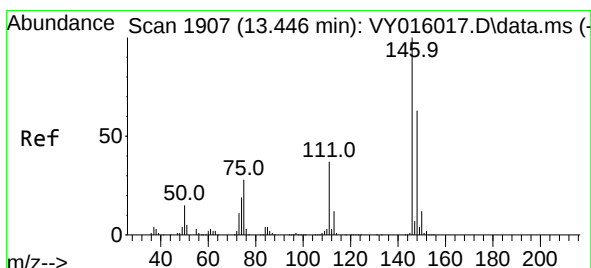
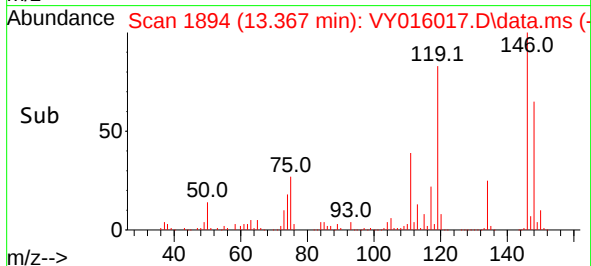
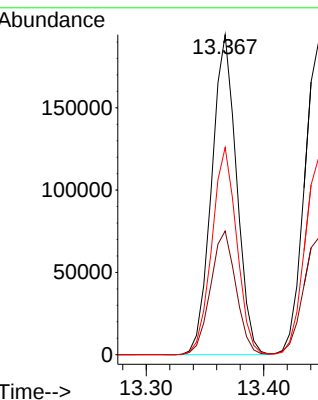
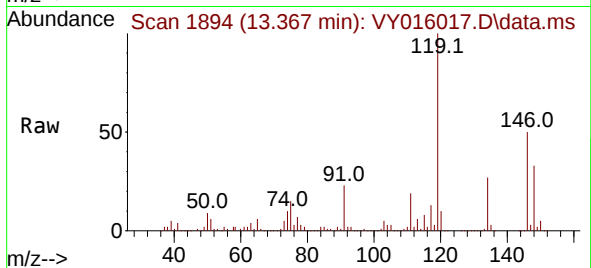
148 64.7 31.9 95.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/19/2023

Supervised By :Semsettin Yesilyurt 10/20/2023



#88

1,4-Dichlorobenzene

Concen: 49.109 ug/l

RT: 13.446 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY016017.D

Acq: 18 Oct 2023 12:40

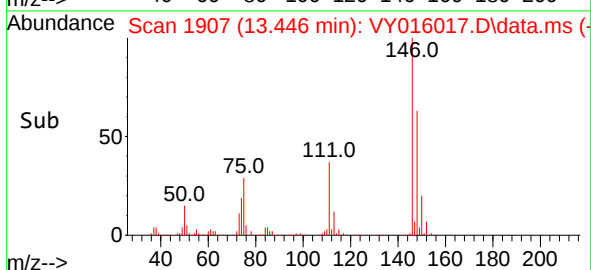
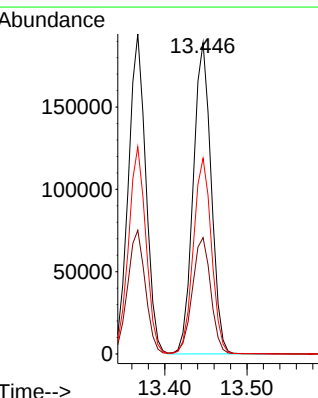
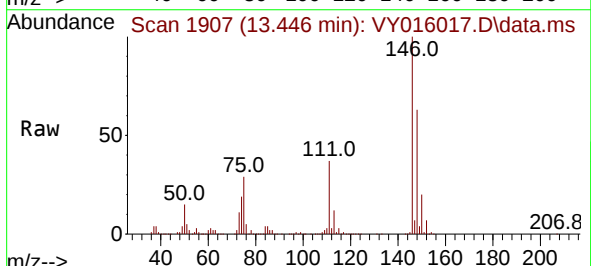
Tgt Ion:146 Resp: 286732

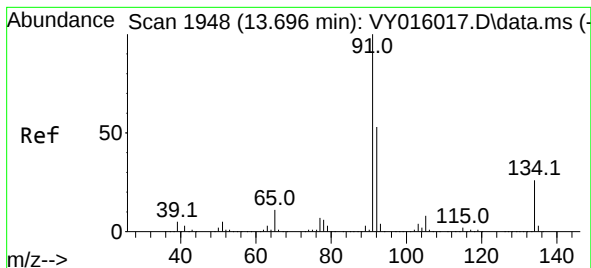
Ion Ratio Lower Upper

146 100

111 38.3 18.9 56.7

148 63.6 32.1 96.5





#89

n-Butylbenzene

Concen: 50.093 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. 0.000 min

Lab File: VY016017.D

Acq: 18 Oct 2023 12:40

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

Tgt Ion: 91 Resp: 519090

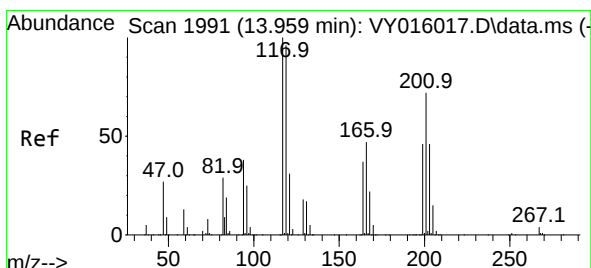
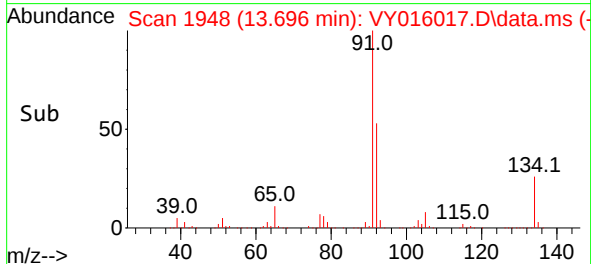
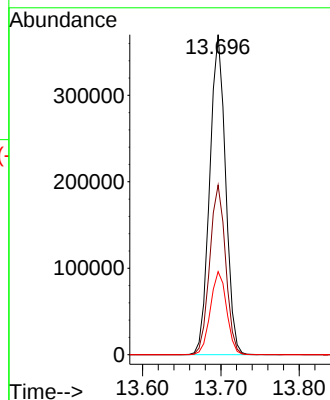
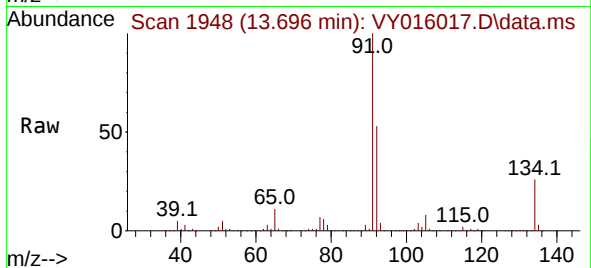
Ion	Ratio	Lower	Upper
91	100		
92	53.3	25.4	76.0
134	26.6	12.6	37.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/19/2023

Supervised By :Semsettin Yesilyurt 10/20/2023



#90

Hexachloroethane

Concen: 49.395 ug/l

RT: 13.959 min Scan# 1991

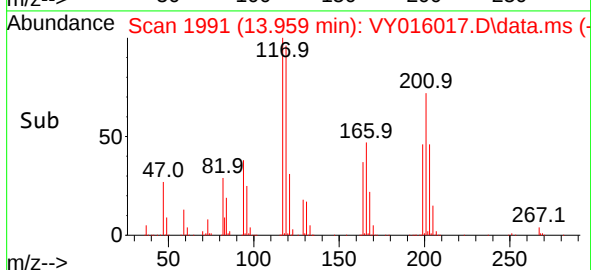
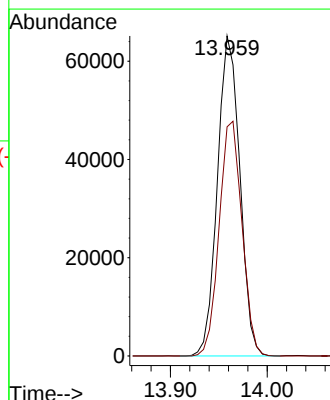
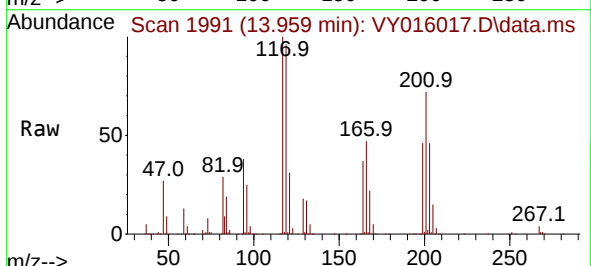
Delta R.T. 0.000 min

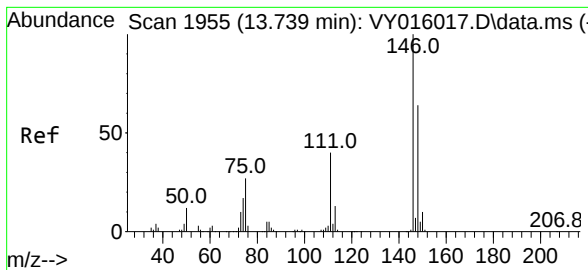
Lab File: VY016017.D

Acq: 18 Oct 2023 12:40

Tgt Ion:117 Resp: 104815

Ion	Ratio	Lower	Upper
117	100		
201	74.6	41.6	124.8





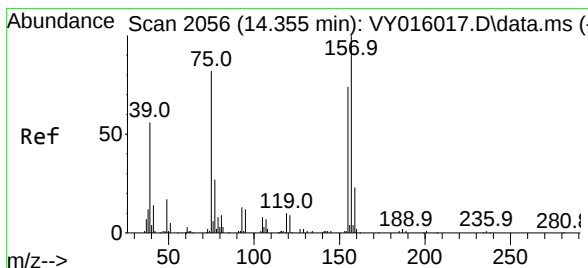
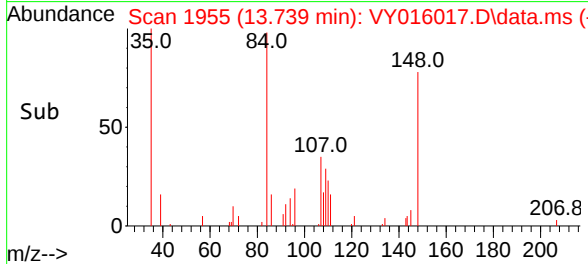
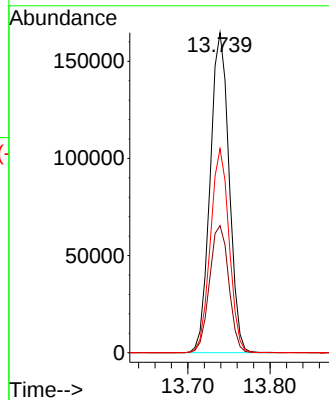
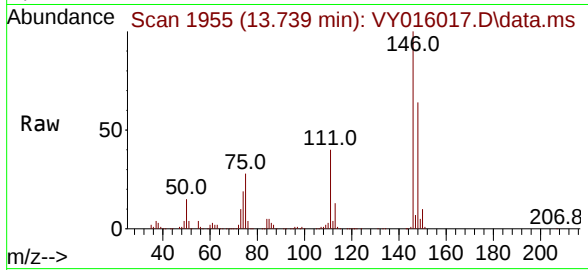
#91
1,2-Dichlorobenzene
Concen: 49.457 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. 0.000 min
Lab File: VY016017.D
Acq: 18 Oct 2023 12:40

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion:146 Resp: 263325
Ion Ratio Lower Upper
146 100
111 40.5 19.7 59.0
148 62.9 32.0 96.2

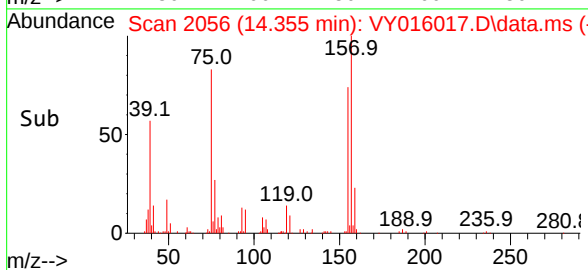
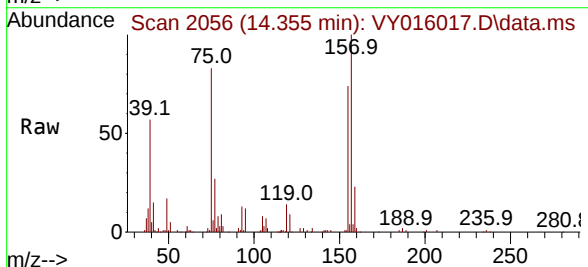
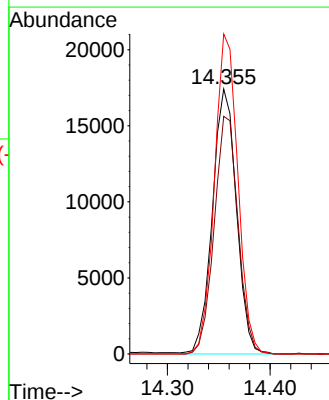
Manual Integrations
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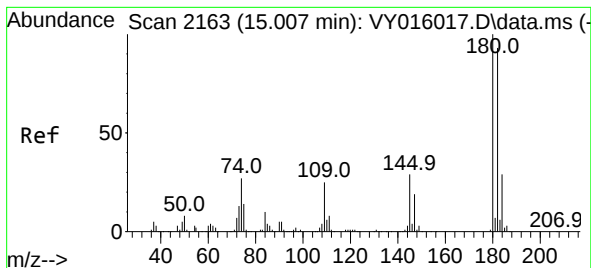
Reviewed By :John Carlone 10/19/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 48.283 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. 0.000 min
Lab File: VY016017.D
Acq: 18 Oct 2023 12:40

Tgt Ion: 75 Resp: 28267
Ion Ratio Lower Upper
75 100
155 89.0 41.5 124.6
157 117.4 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 49.872 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY016017.D

Acq: 18 Oct 2023 12:40

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

Tgt Ion:180 Resp: 169160

Ion Ratio Lower Upper

180 100

182 94.4 47.0 141.2

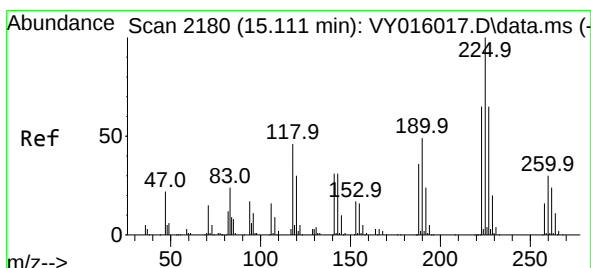
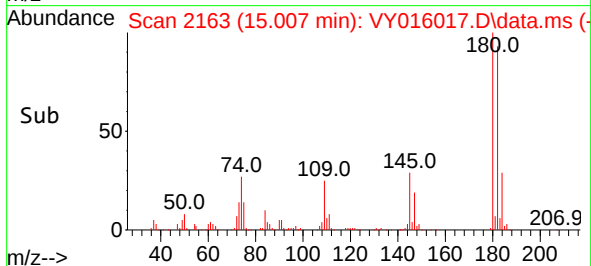
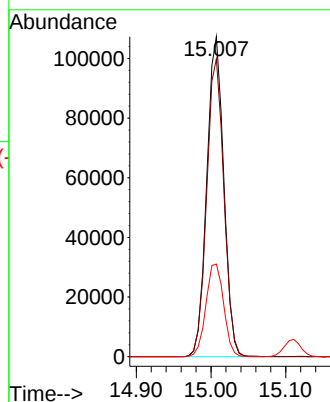
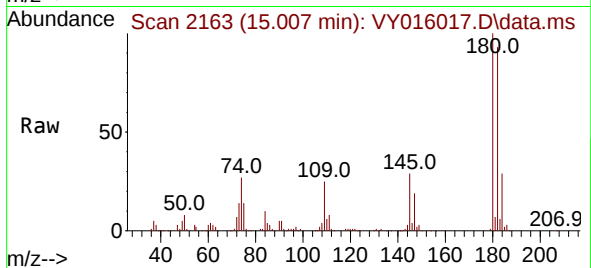
145 30.4 14.5 43.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/19/2023

Supervised By :Semsettin Yesilyurt 10/20/2023



#94

Hexachlorobutadiene

Concen: 48.688 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. 0.000 min

Lab File: VY016017.D

Acq: 18 Oct 2023 12:40

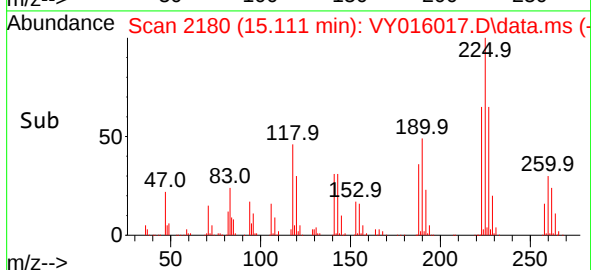
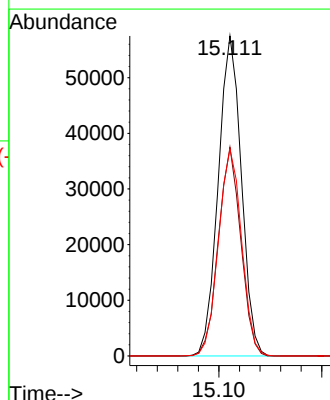
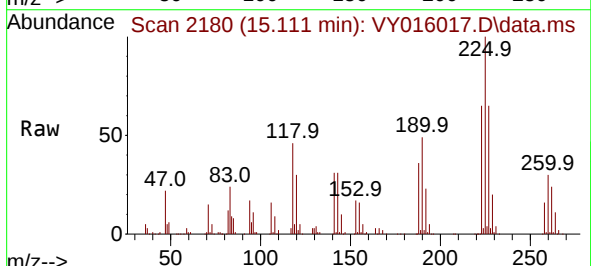
Tgt Ion:225 Resp: 89698

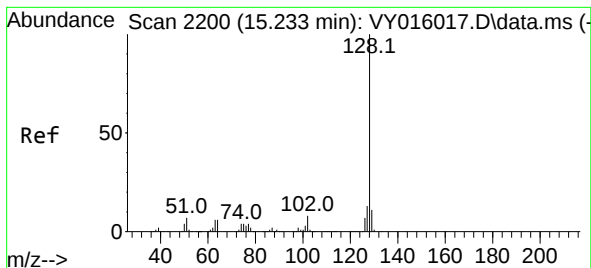
Ion Ratio Lower Upper

225 100

223 63.3 31.9 95.9

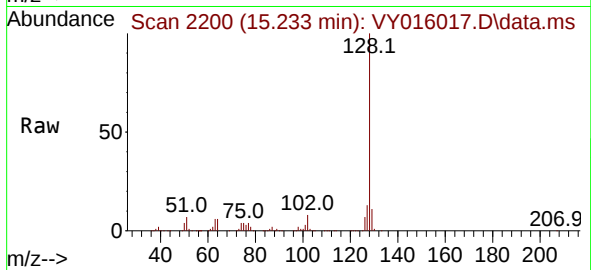
227 64.8 33.0 98.9





#95
Naphthalene
Concen: 50.709 ug/l
RT: 15.233 min Scan# 2200
Delta R.T. 0.000 min
Lab File: VY016017.D
Acq: 18 Oct 2023 12:40

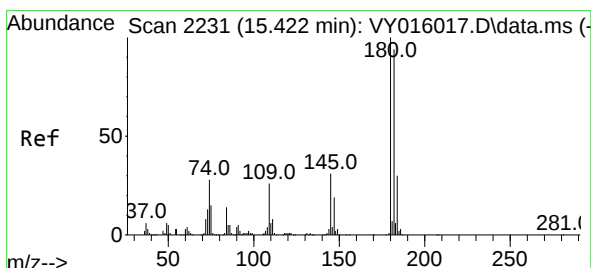
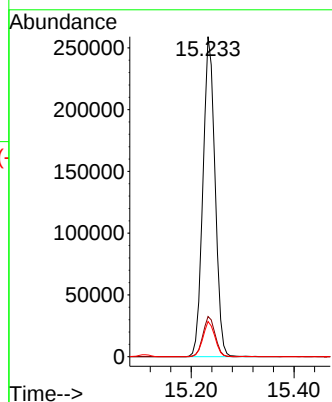
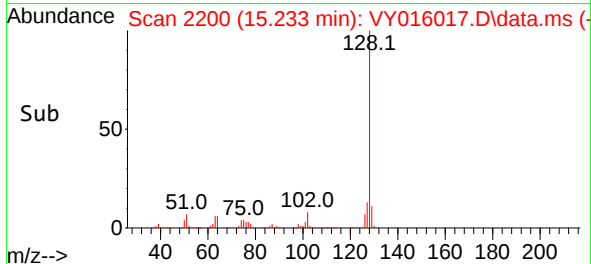
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050



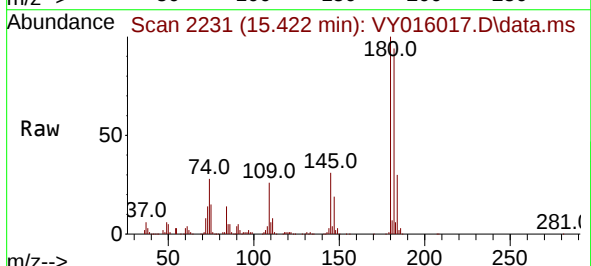
Tgt Ion:128 Resp: 42215
Ion Ratio Lower Upper
128 100
127 12.6 10.8 16.2
129 10.9 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 10/19/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#96
1,2,3-Trichlorobenzene
Concen: 50.175 ug/l
RT: 15.422 min Scan# 2231
Delta R.T. 0.000 min
Lab File: VY016017.D
Acq: 18 Oct 2023 12:40



Tgt Ion:180 Resp: 155452
Ion Ratio Lower Upper
180 100
182 94.7 47.3 141.8
145 31.8 15.4 46.2

