

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101823\
 Data File : VY016015.D
 Acq On : 18 Oct 2023 11:54
 Operator : SY/MD
 Sample : VSTDIC010
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

Manual Integrations
 APPROVED

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

Quant Time: Oct 19 02:54:20 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	204963	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	332483	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	302355	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	157163	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	25944	11.137	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	22.280%#		
35) Dibromofluoromethane	7.715	113	23132	10.570	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	21.140%#		
50) Toluene-d8	10.178	98	84809	10.670	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	21.340%#		
62) 4-Bromofluorobenzene	12.483	95	30062	10.600	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	21.200%#		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	16286	9.614	ug/l	99
3) Chloromethane	2.113	50	21887	10.233	ug/l	97
4) Vinyl Chloride	2.253	62	24107	10.042	ug/l	99
5) Bromomethane	2.643	94	18016	10.288	ug/l	99
6) Chloroethane	2.790	64	16312	10.567	ug/l	96
7) Trichlorofluoromethane	3.125	101	37011	10.131	ug/l	99
8) Diethyl Ether	3.533	74	12780	9.902	ug/l	92
9) 1,1,2-Trichlorotrifluo...	3.905	101	21070	10.026	ug/l	94
10) Methyl Iodide	4.094	142	27106	9.878	ug/l	97
11) Tert butyl alcohol	4.966	59	19279	53.612	ug/l #	84
12) 1,1-Dichloroethene	3.869	96	19167	9.748	ug/l	95
13) Acrolein	3.734	56	14638	42.260	ug/l	99
14) Allyl chloride	4.484	41	30365	9.876	ug/l	95
15) Acrylonitrile	5.167	53	38843	50.446	ug/l	99
16) Acetone	3.954	43	42759	49.516	ug/l	90
17) Carbon Disulfide	4.198	76	57194	9.929	ug/l	98
18) Methyl Acetate	4.484	43	29593	9.957	ug/l	91
19) Methyl tert-butyl Ether	5.228	73	62736	9.890	ug/l	96
20) Methylene Chloride	4.722	84	27431	10.693	ug/l	88
21) trans-1,2-Dichloroethene	5.222	96	22803	9.959	ug/l	94
22) Diisopropyl ether	6.124	45	66136	9.879	ug/l	91
23) Vinyl Acetate	6.063	43	200672	48.321	ug/l #	92
24) 1,1-Dichloroethane	6.021	63	39133	9.853	ug/l	98
25) 2-Butanone	6.990	43	59637	50.420	ug/l	94
26) 2,2-Dichloropropane	6.984	77	36116	10.106	ug/l	98
27) cis-1,2-Dichloroethene	6.990	96	25960	9.844	ug/l	95
28) Bromochloromethane	7.338	49	17347	10.212	ug/l	90
29) Tetrahydrofuran	7.350	42	35723	49.896	ug/l	92
30) Chloroform	7.508	83	43209	10.146	ug/l	99
31) Cyclohexane	7.789	56	36556	10.026	ug/l #	76
32) 1,1,1-Trichloroethane	7.703	97	37587	9.865	ug/l	99
36) 1,1-Dichloropropene	7.917	75	32310	9.813	ug/l	99
37) Ethyl Acetate	7.075	43	23762	10.012	ug/l #	95
38) Carbon Tetrachloride	7.904	117	34861	9.962	ug/l	98
39) Methylcyclohexane	9.185	83	39364	9.567	ug/l	92
40) Benzene	8.161	78	91314	9.840	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.319	41	13793m	11.543	ug/l	
42) 1,2-Dichloroethane	8.240	62	30416	10.175	ug/l	96
43) Isopropyl Acetate	8.276	43	39497	9.519	ug/l	94
44) Trichloroethene	8.941	130	25536	9.814	ug/l	96
45) 1,2-Dichloropropane	9.215	63	23109	9.951	ug/l	93
46) Dibromomethane	9.307	93	15648	10.149	ug/l	94
47) Bromodichloromethane	9.496	83	33705	9.974	ug/l	96
48) Methyl methacrylate	9.294	41	17827	9.438	ug/l #	86
49) 1,4-Dioxane	9.307	88	5005	203.869	ug/l #	46
51) 4-Methyl-2-Pentanone	10.069	43	117314	49.165	ug/l	92
52) Toluene	10.246	92	59410	9.871	ug/l	94
53) t-1,3-Dichloropropene	10.465	75	35554	9.713	ug/l	98
54) cis-1,3-Dichloropropene	9.928	75	38691	9.696	ug/l	91
55) 1,1,2-Trichloroethane	10.648	97	20999	9.914	ug/l	94
56) Ethyl methacrylate	10.508	69	28895	9.335	ug/l	88
57) 1,3-Dichloropropane	10.788	76	36119	10.052	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.782	63	76544	51.481	ug/l	93
59) 2-Hexanone	10.831	43	89057	49.055	ug/l	89
60) Dibromochloromethane	10.983	129	25266	9.863	ug/l	99
61) 1,2-Dibromoethane	11.087	107	21463	9.957	ug/l	99
64) Tetrachloroethene	10.721	164	23601	10.066	ug/l	96
65) Chlorobenzene	11.514	112	65546	10.010	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	24524	9.936	ug/l	99
67) Ethyl Benzene	11.593	91	112675	9.724	ug/l	98
68) m/p-Xylenes	11.703	106	88895	19.674	ug/l	95
69) o-Xylene	12.032	106	42012	9.774	ug/l	97
70) Styrene	12.044	104	71058	9.699	ug/l	96
71) Bromoform	12.209	173	16714	9.624	ug/l #	99
73) Isopropylbenzene	12.331	105	112684	9.585	ug/l	99
74) N-amyl acetate	12.142	43	34185	9.206	ug/l #	90
75) 1,1,2,2-Tetrachloroethane	12.580	83	28678	9.739	ug/l	98
76) 1,2,3-Trichloropropane	12.629	75	21760m	9.815	ug/l	
77) Bromobenzene	12.605	156	28142	9.862	ug/l	97
78) n-propylbenzene	12.672	91	134774	9.518	ug/l	99
79) 2-Chlorotoluene	12.757	91	76138	9.579	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	94306	9.685	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.379	75	9401	9.222	ug/l	96
82) 4-Chlorotoluene	12.855	91	80800	9.741	ug/l	99
83) tert-Butylbenzene	13.074	119	81003	9.487	ug/l	97
84) 1,2,4-Trimethylbenzene	13.123	105	93418	9.661	ug/l	98
85) sec-Butylbenzene	13.251	105	122122	9.576	ug/l	100
86) p-Isopropyltoluene	13.367	119	102000	9.571	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	53761	9.683	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	55542	9.936	ug/l	98
89) n-Butylbenzene	13.696	91	95418	9.618	ug/l	97
90) Hexachloroethane	13.958	117	19623	9.659	ug/l	88
91) 1,2-Dichlorobenzene	13.739	146	50123	9.833	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	5496	9.805	ug/l	94
93) 1,2,4-Trichlorobenzene	15.007	180	32152	9.901	ug/l	98
94) Hexachlorobutadiene	15.110	225	18172	10.303	ug/l	96
95) Naphthalene	15.239	128	75997	9.535	ug/l	98
96) 1,2,3-Trichlorobenzene	15.428	180	29683	10.007	ug/l	98

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Response via : Initial Calibration

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

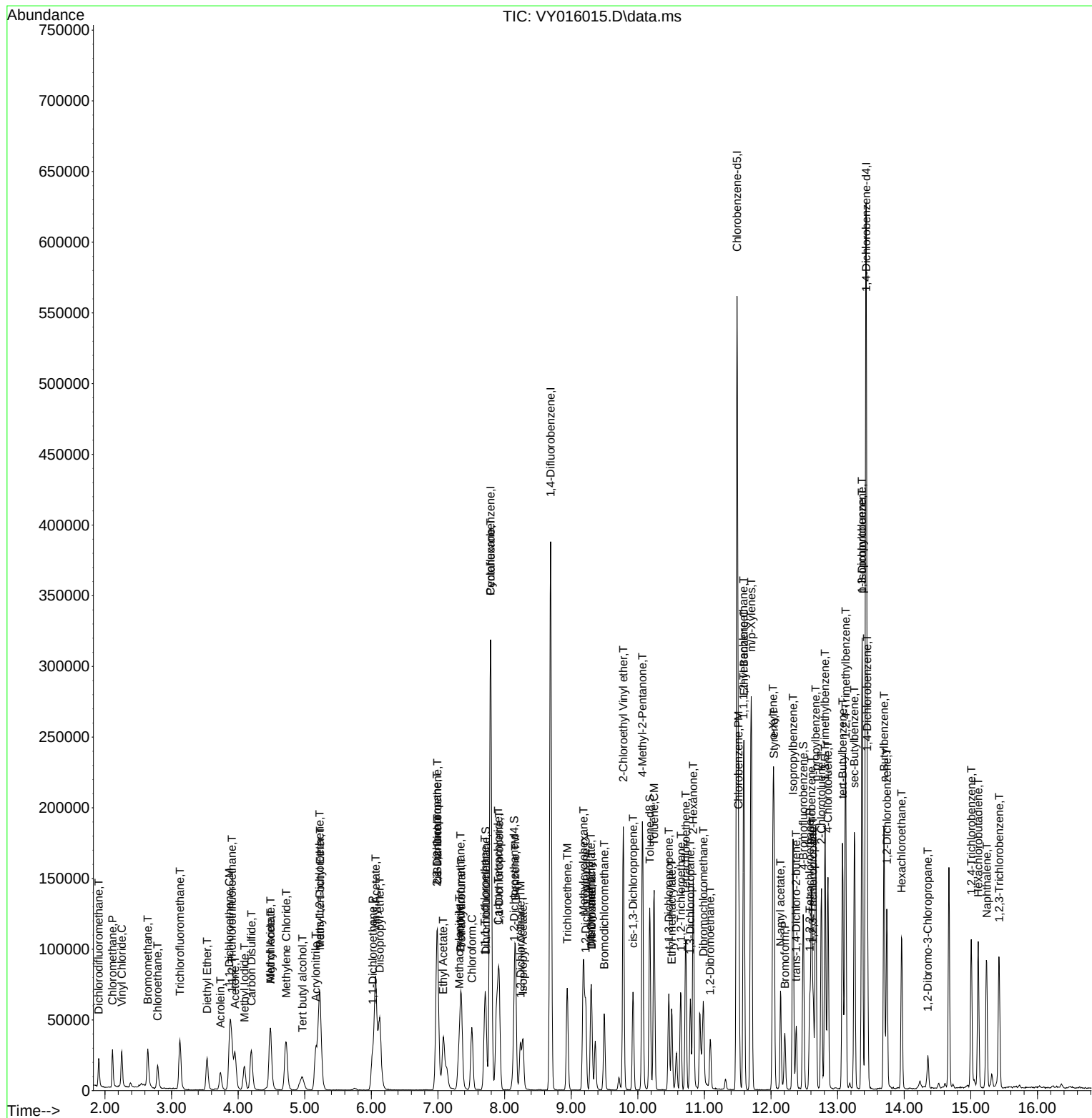
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101823\
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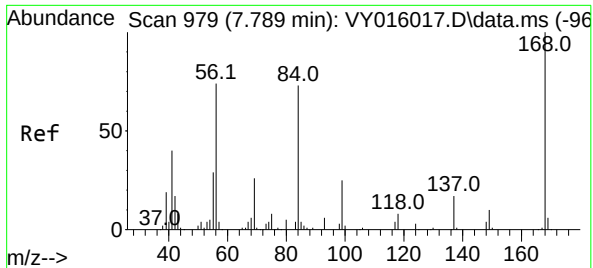
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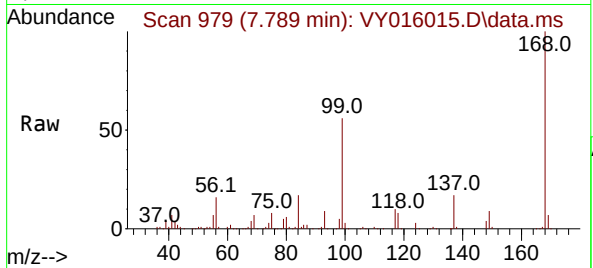
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY016015.D
Acq: 18 Oct 2023 11:54

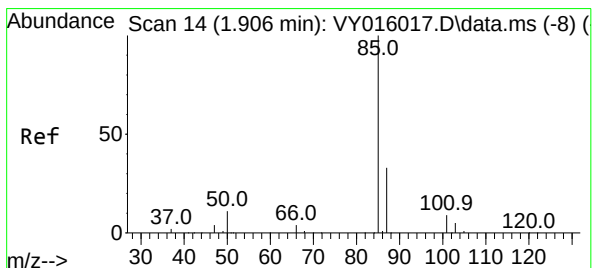
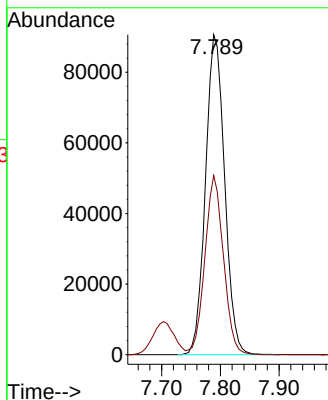
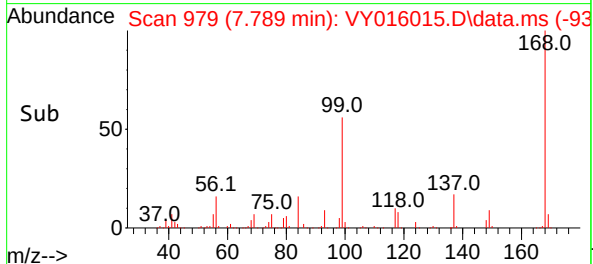
Instrument :
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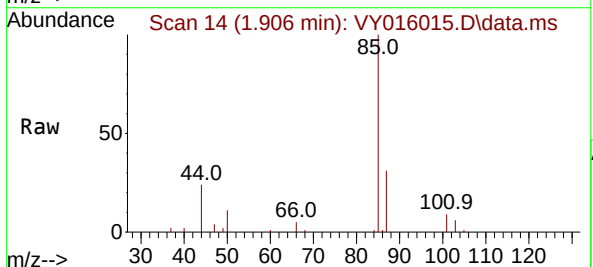
Tgt Ion:168 Resp: 20496
Ion Ratio Lower Upper
168 100
99 56.0 43.4 65.0

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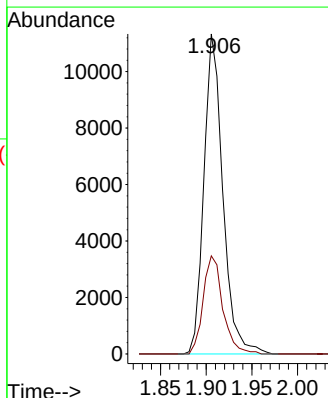
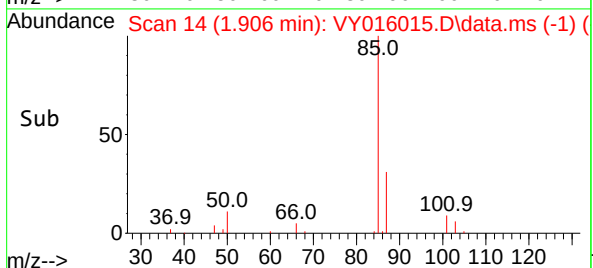
Reviewed By :John Carlone 10/19/2023
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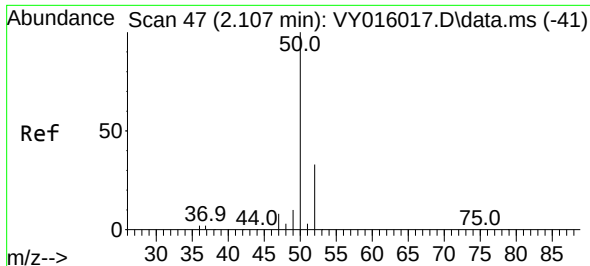


#2
Dichlorodifluoromethane
Concen: 9.614 ug/l
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY016015.D
Acq: 18 Oct 2023 11:54



Tgt Ion: 85 Resp: 16286
Ion Ratio Lower Upper
85 100
87 30.7 15.6 46.8





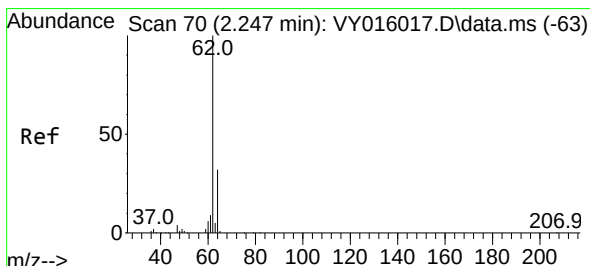
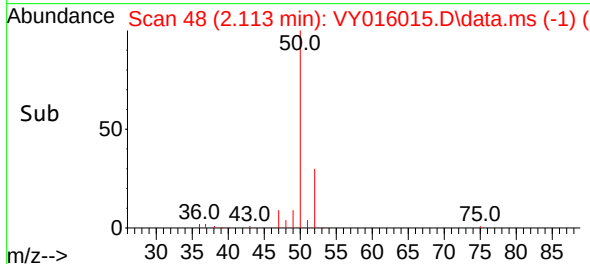
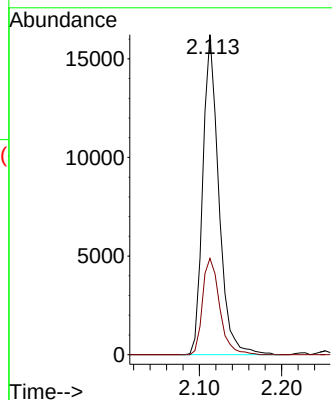
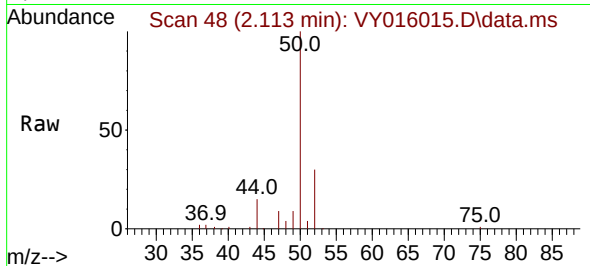
#3
Chloromethane
Concen: 10.233 ug/l
RT: 2.113 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY016015.D
Acq: 18 Oct 2023 11:54

Instrument :
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Tgt Ion: 50 Resp: 2188
Ion Ratio Lower Upper
50 100
52 30.1 25.4 38.2

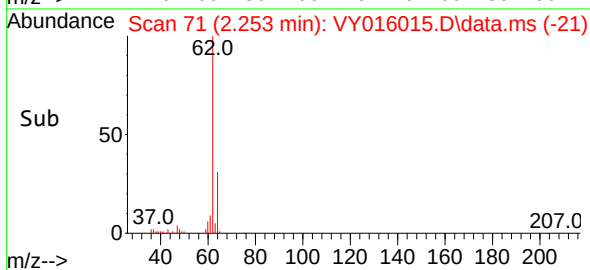
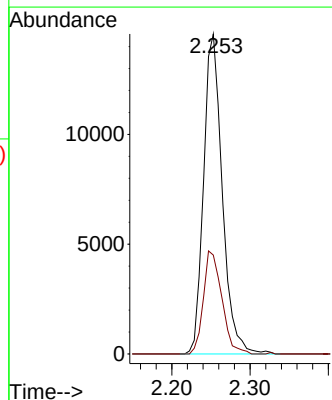
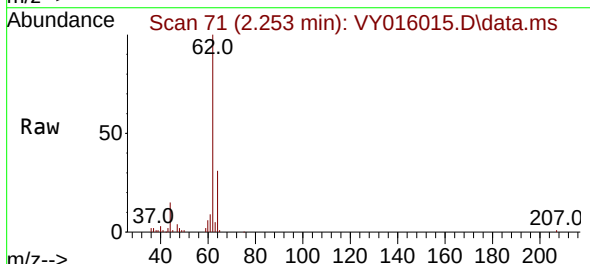
Manual Integrations
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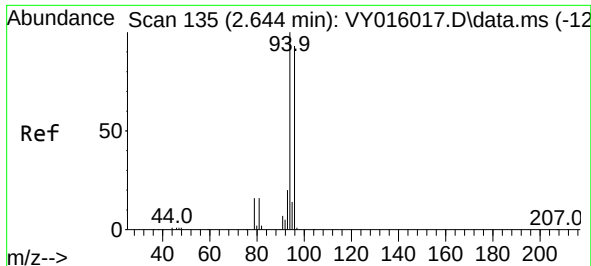
Reviewed By :John Carlone 10/19/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#4
Vinyl Chloride
Concen: 10.042 ug/l
RT: 2.253 min Scan# 71
Delta R.T. 0.006 min
Lab File: VY016015.D
Acq: 18 Oct 2023 11:54

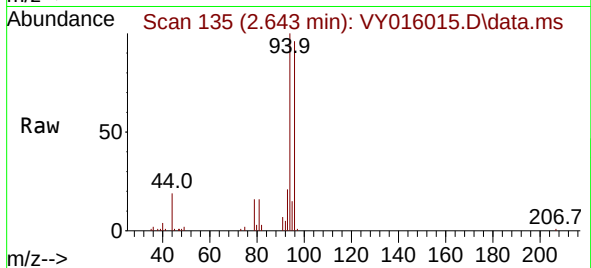
Tgt Ion: 62 Resp: 24107
Ion Ratio Lower Upper
62 100
64 30.9 24.3 36.5





#5
Bromomethane
Concen: 10.288 ug/l
RT: 2.643 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY016015.D
Acq: 18 Oct 2023 11:54

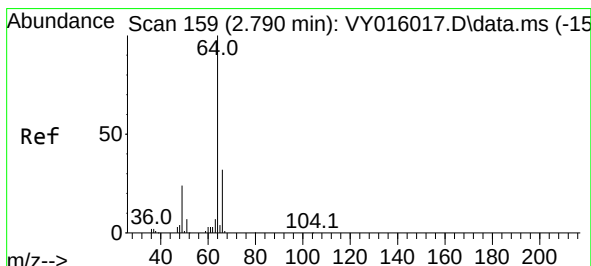
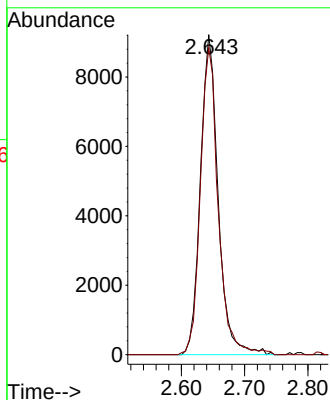
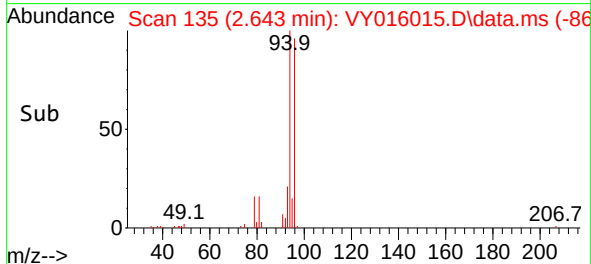
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Tgt Ion: 94 Resp: 18010
Ion Ratio Lower Upper
94 100
96 95.9 75.8 113.6

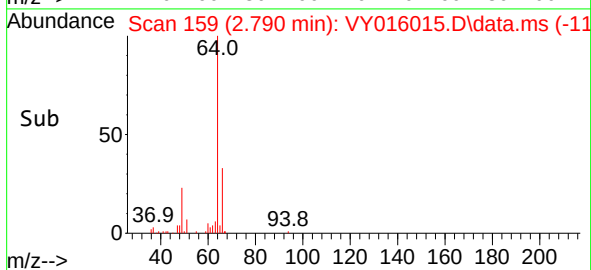
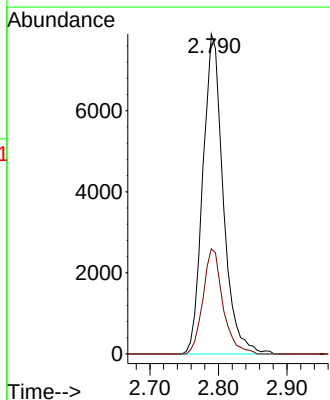
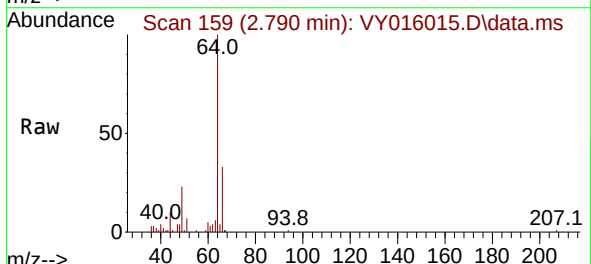
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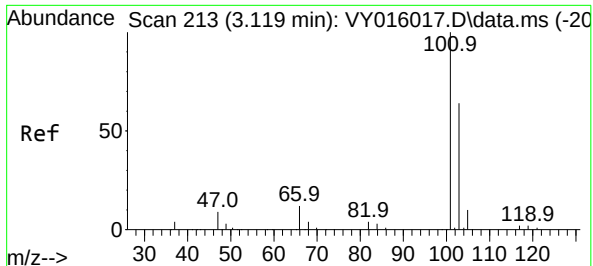
Reviewed By :John Carlone 10/19/2023
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#6
Chloroethane
Concen: 10.567 ug/l
RT: 2.790 min Scan# 159
Delta R.T. -0.000 min
Lab File: VY016015.D
Acq: 18 Oct 2023 11:54

Tgt Ion: 64 Resp: 16312
Ion Ratio Lower Upper
64 100
66 32.9 24.4 36.6





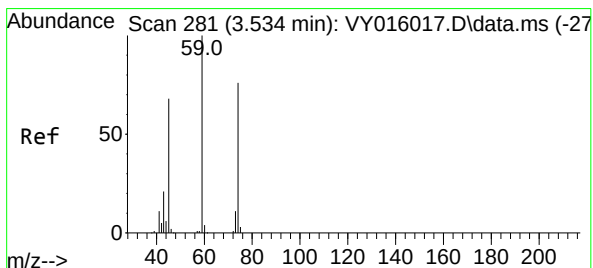
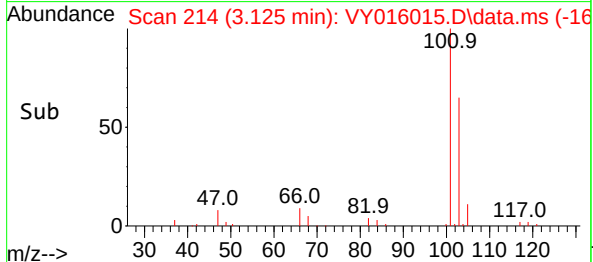
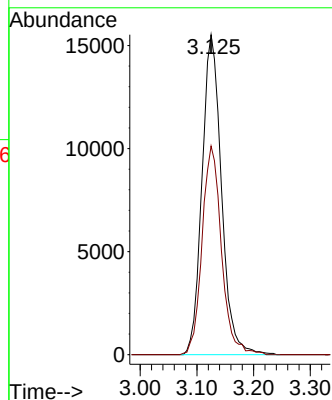
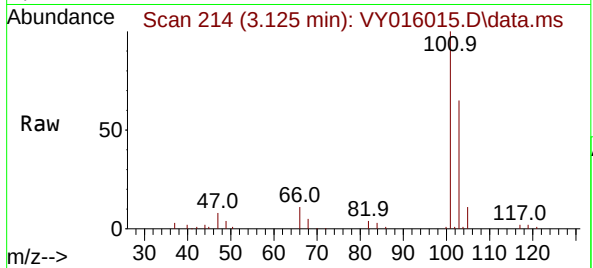
#7
Trichlorofluoromethane
Concen: 10.131 ug/l
RT: 3.125 min Scan# 213
Delta R.T. 0.006 min
Lab File: VY016015.D
Acq: 18 Oct 2023 11:54

Instrument :
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ClientSampleId :
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Tgt Ion:101 Resp: 3701
Ion Ratio Lower Upper
101 100
103 65.2 51.4 77.0

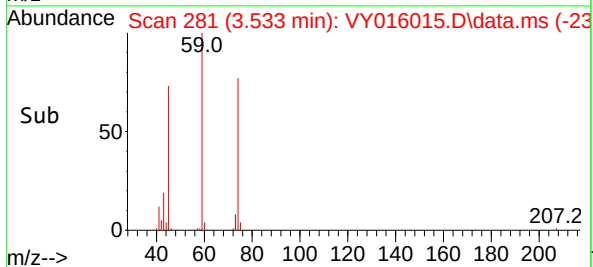
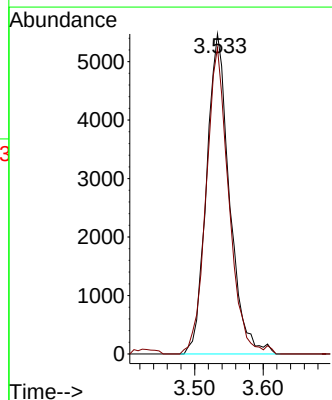
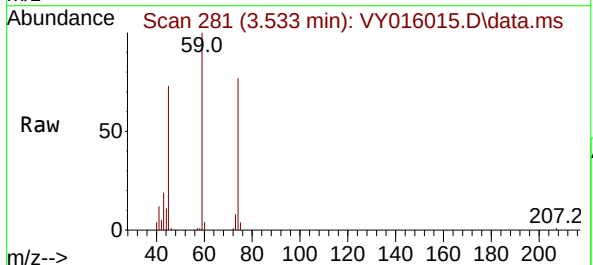
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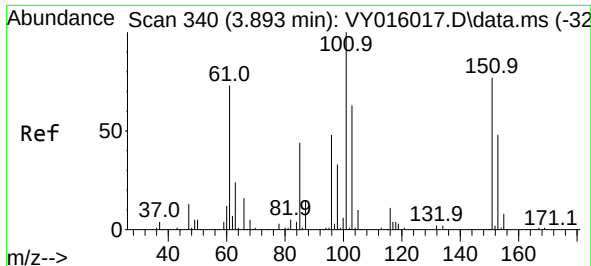
Reviewed By :John Carlone 10/19/2023
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#8
Diethyl Ether
Concen: 9.902 ug/l
RT: 3.533 min Scan# 281
Delta R.T. -0.000 min
Lab File: VY016015.D
Acq: 18 Oct 2023 11:54

Tgt Ion: 74 Resp: 12780
Ion Ratio Lower Upper
74 100
45 94.5 51.5 154.5





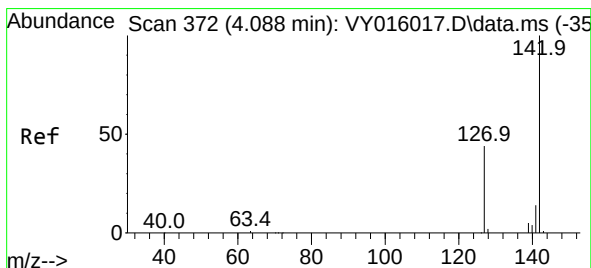
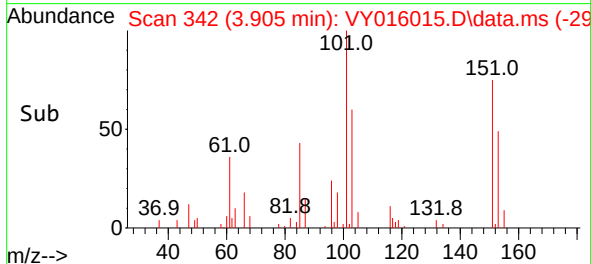
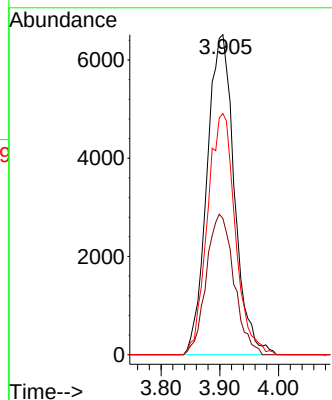
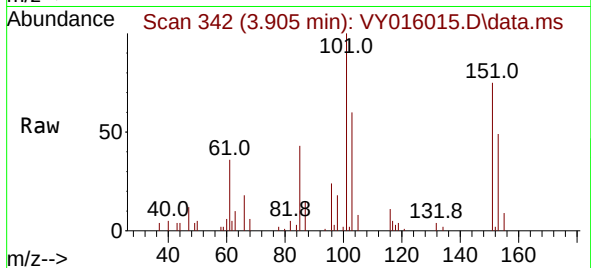
#9
1,1,2-Trichlorotrifluoroethane
Concen: 10.026 ug/l
RT: 3.905 min Scan# 340
Delta R.T. 0.012 min
Lab File: VY016015.D
Acq: 18 Oct 2023 11:54

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tgt Ion:101 Resp: 21070
Ion Ratio Lower Upper
101 100
85 44.4 36.6 55.0
151 76.6 67.0 100.6

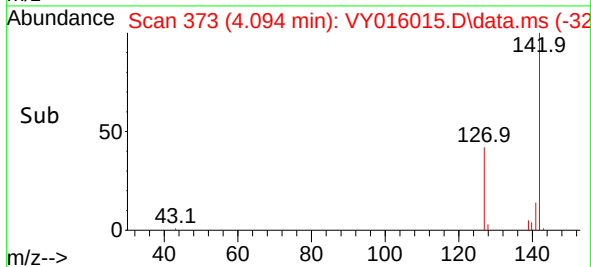
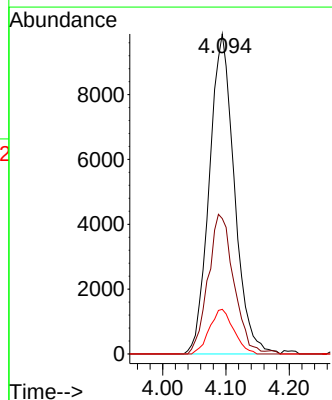
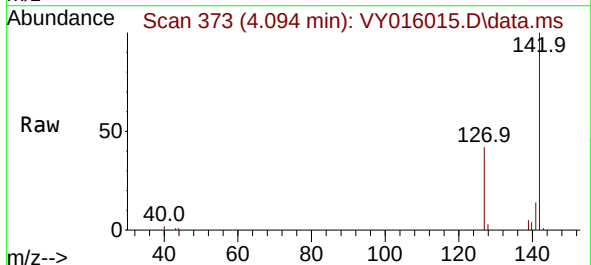
Manual Integrations
APPROVED

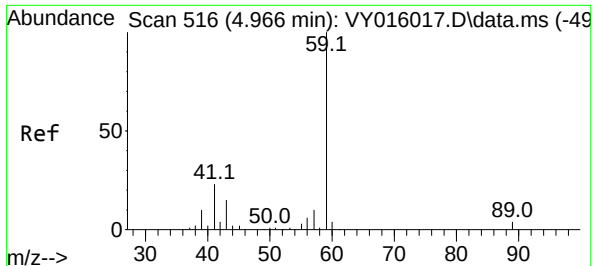
Reviewed By :John Carlone 10/19/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#10
Methyl Iodide
Concen: 9.878 ug/l
RT: 4.094 min Scan# 373
Delta R.T. 0.006 min
Lab File: VY016015.D
Acq: 18 Oct 2023 11:54

Tgt Ion:142 Resp: 27106
Ion Ratio Lower Upper
142 100
127 44.7 37.6 56.4
141 13.5 11.8 17.8





#11

Tert butyl alcohol

Concen: 53.612 ug/l

RT: 4.966 min Scan# 516

Delta R.T. -0.000 min

Lab File: VY016015.D

Acq: 18 Oct 2023 11:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

Tgt Ion: 59 Resp: 19279

Ion Ratio Lower Upper

59 100

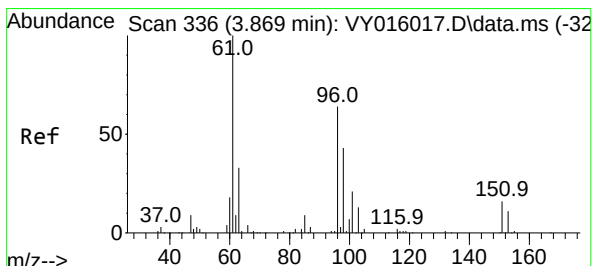
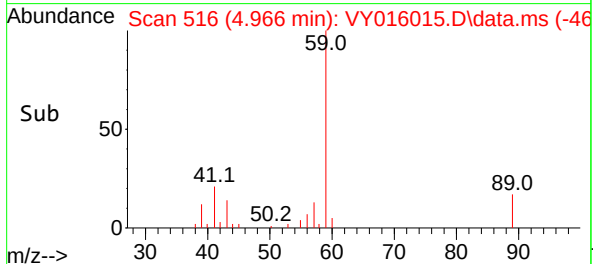
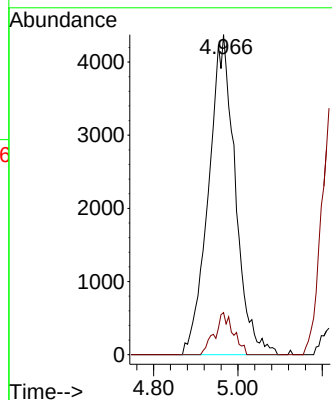
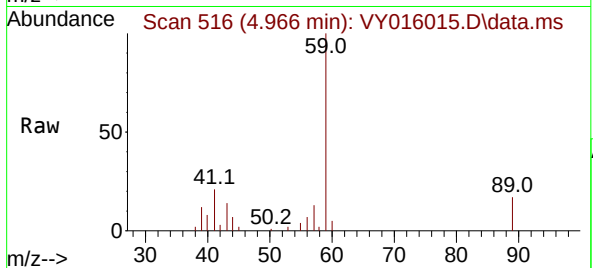
57 9.1 3.0 4.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/19/2023

Supervised By :Semsettin Yesilyurt 10/20/2023



#12

1,1-Dichloroethene

Concen: 9.748 ug/l

RT: 3.869 min Scan# 336

Delta R.T. -0.000 min

Lab File: VY016015.D

Acq: 18 Oct 2023 11:54

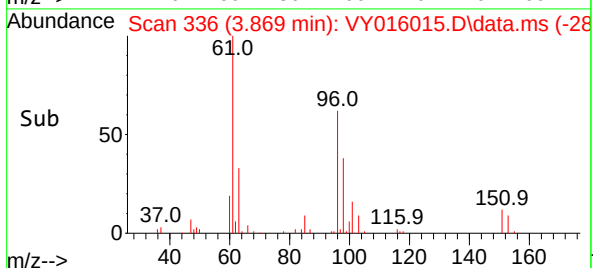
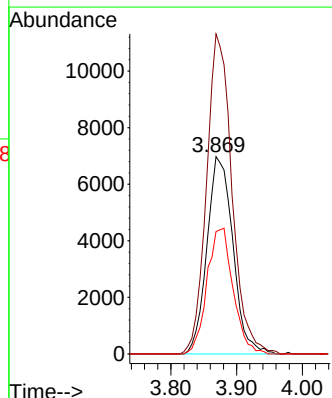
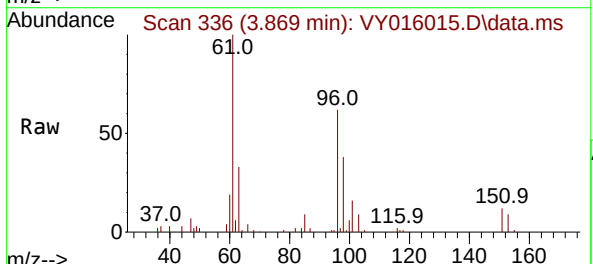
Tgt Ion: 96 Resp: 19167

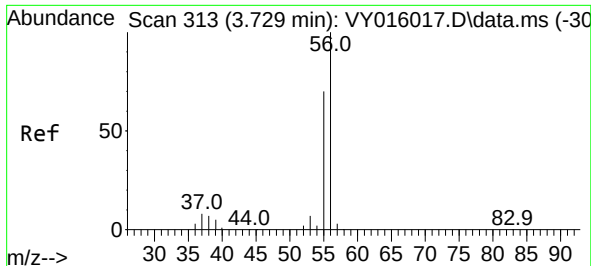
Ion Ratio Lower Upper

96 100

61 162.2 136.4 204.6

98 62.0 49.4 74.2





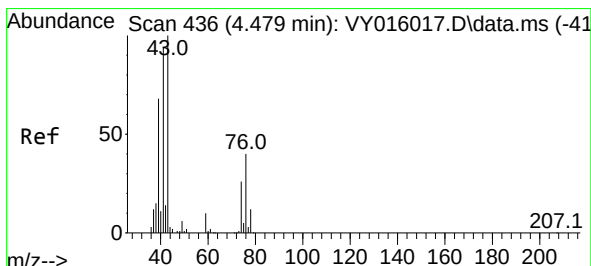
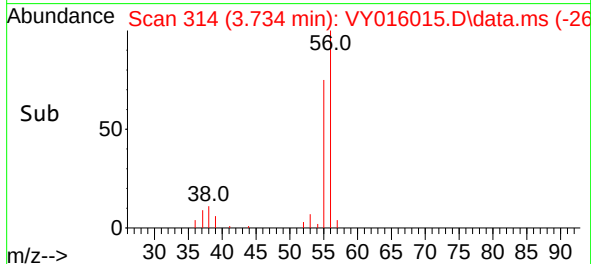
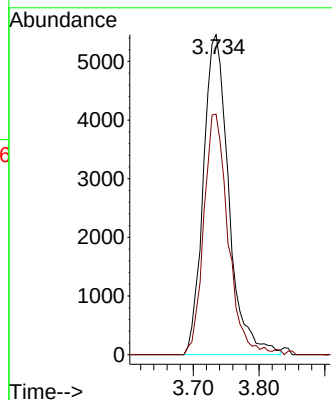
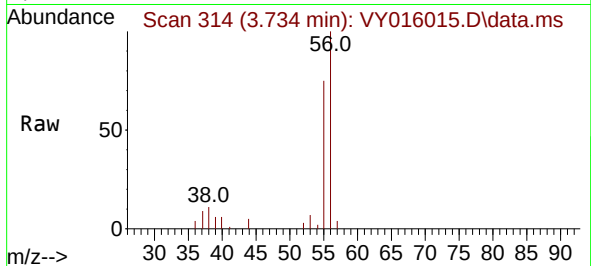
#13
Acrolein
Concen: 42.260 ug/l
RT: 3.734 min Scan# 313
Delta R.T. 0.005 min
Lab File: VY016015.D
Acq: 18 Oct 2023 11:54

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tgt Ion: 56 Resp: 14638
Ion Ratio Lower Upper
56 100
55 71.9 57.0 85.4

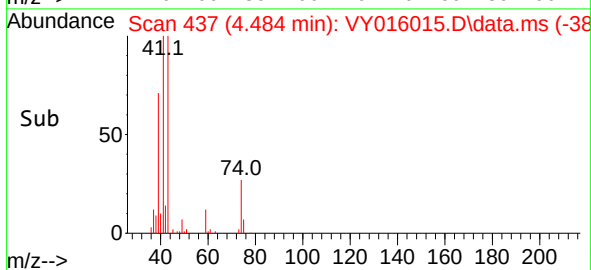
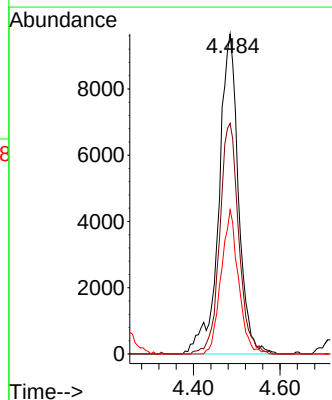
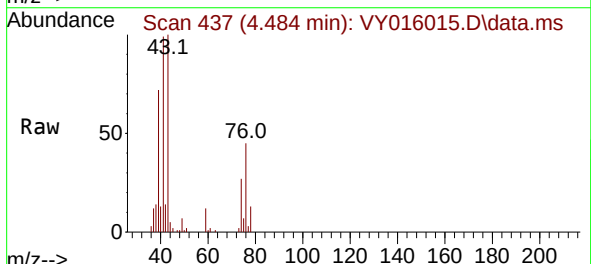
Manual Integrations
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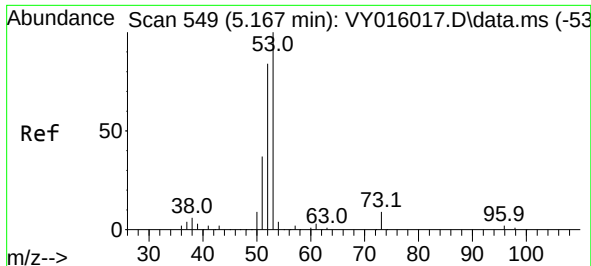
Reviewed By :John Carlone 10/19/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#14
Allyl chloride
Concen: 9.876 ug/l
RT: 4.484 min Scan# 437
Delta R.T. 0.006 min
Lab File: VY016015.D
Acq: 18 Oct 2023 11:54

Tgt Ion: 41 Resp: 30365
Ion Ratio Lower Upper
41 100
39 70.1 58.0 87.0
76 39.9 27.4 41.2





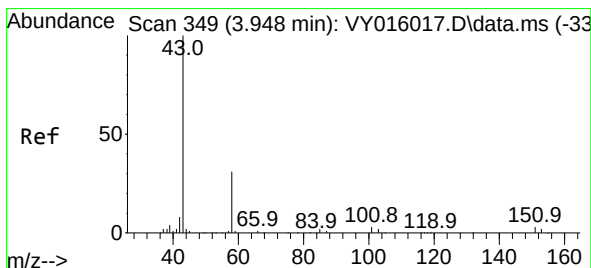
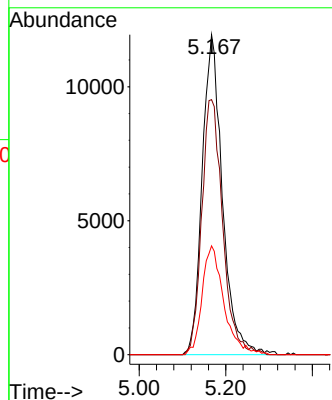
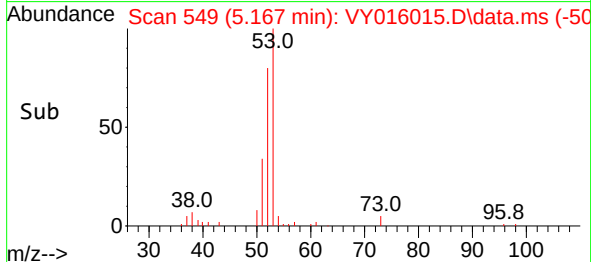
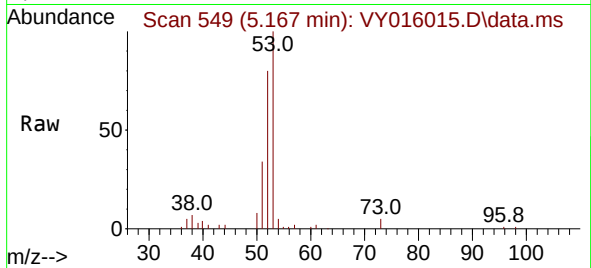
#15
Acrylonitrile
Concen: 50.446 ug/l
RT: 5.167 min Scan# 549
Delta R.T. -0.000 min
Lab File: VY016015.D
Acq: 18 Oct 2023 11:54

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tgt Ion: 53 Resp: 3884
Ion Ratio Lower Upper
53 100
52 82.2 66.9 100.3
51 36.5 29.8 44.6

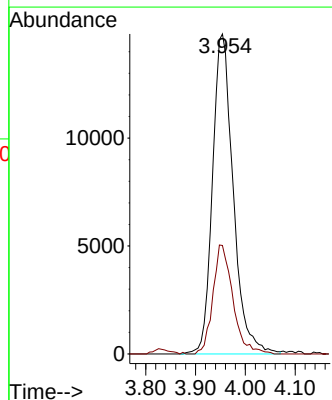
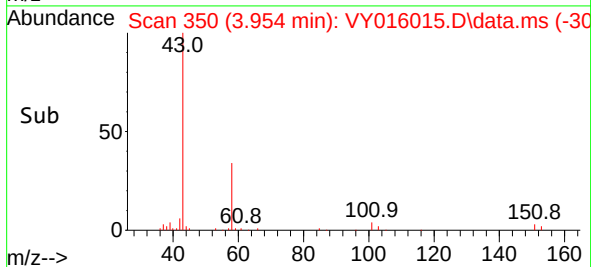
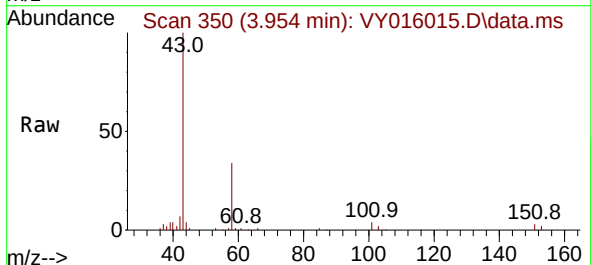
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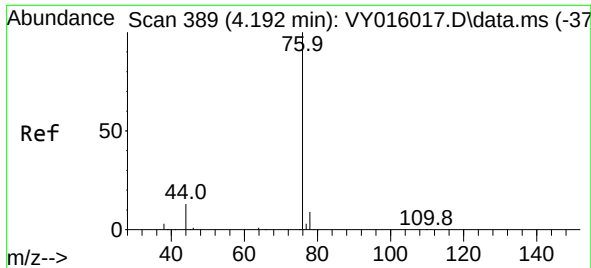
Reviewed By :John Carlone 10/19/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#16
Acetone
Concen: 49.516 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.006 min
Lab File: VY016015.D
Acq: 18 Oct 2023 11:54

Tgt Ion: 43 Resp: 42759
Ion Ratio Lower Upper
43 100
58 33.9 22.7 34.1





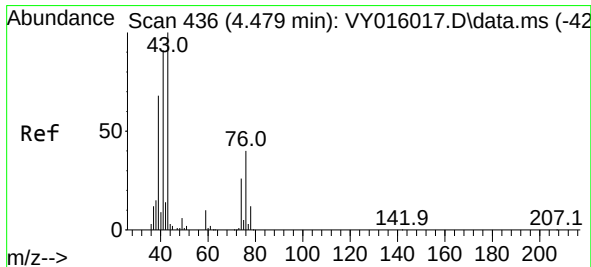
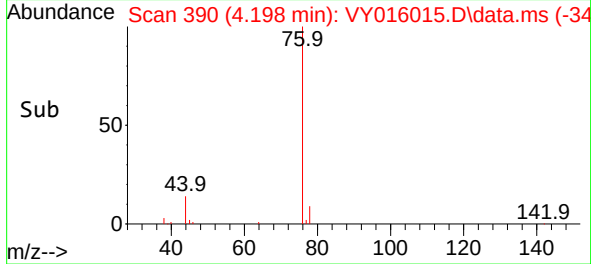
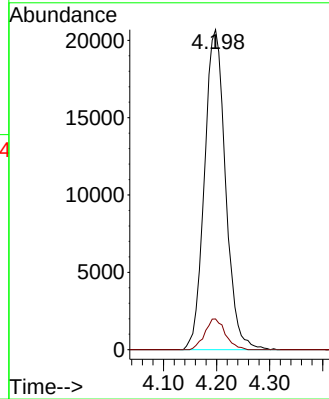
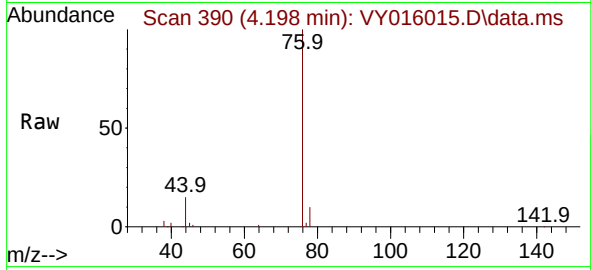
#17
Carbon Disulfide
Concen: 9.929 ug/l
RT: 4.198 min Scan# 390
Delta R.T. 0.006 min
Lab File: VY016015.D
Acq: 18 Oct 2023 11:54

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tgt Ion: 76 Resp: 57194
Ion Ratio Lower Upper
76 100
78 9.6 7.0 10.4

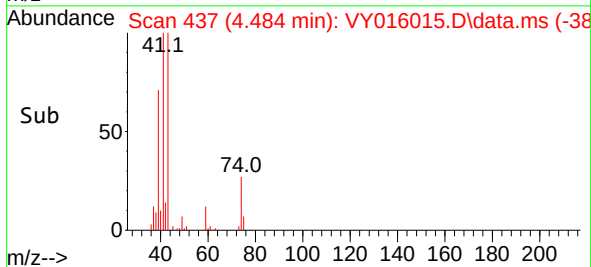
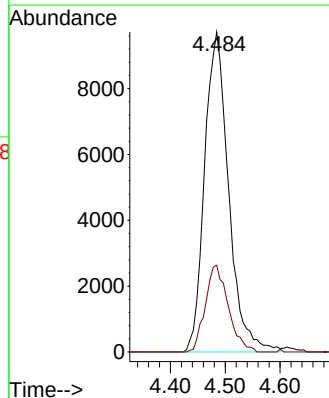
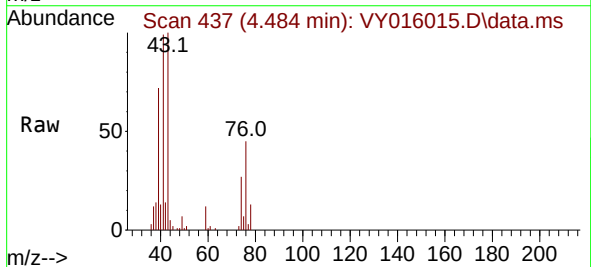
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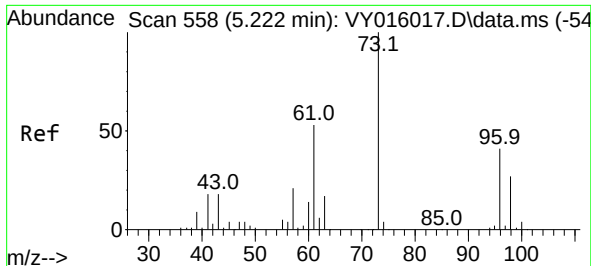
Reviewed By :John Carlone 10/19/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#18
Methyl Acetate
Concen: 9.957 ug/l
RT: 4.484 min Scan# 437
Delta R.T. 0.006 min
Lab File: VY016015.D
Acq: 18 Oct 2023 11:54

Tgt Ion: 43 Resp: 29593
Ion Ratio Lower Upper
43 100
74 25.8 17.4 26.0





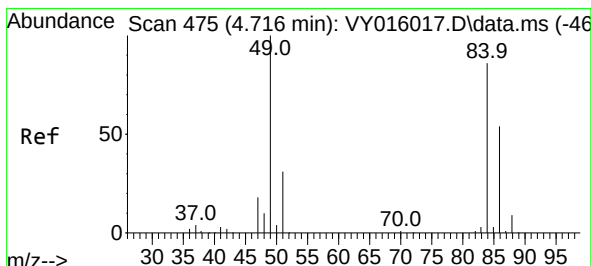
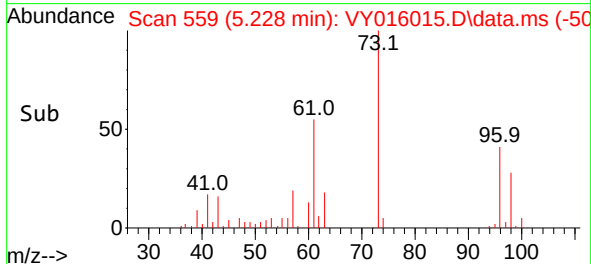
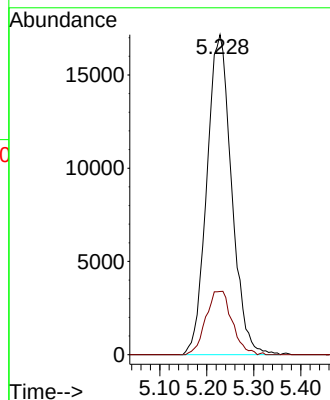
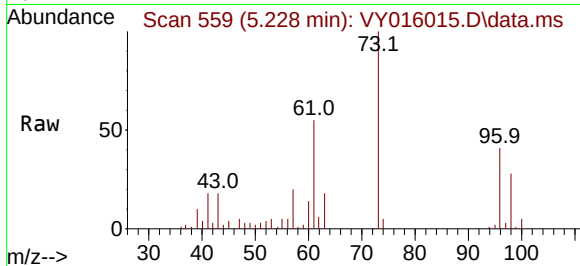
#19
Methyl tert-butyl Ether
Concen: 9.890 ug/l
RT: 5.228 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY016015.D
Acq: 18 Oct 2023 11:54

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tgt Ion: 73 Resp: 62730
Ion Ratio Lower Upper
73 100
57 19.7 17.3 25.9

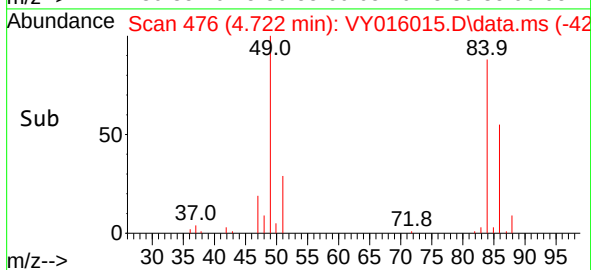
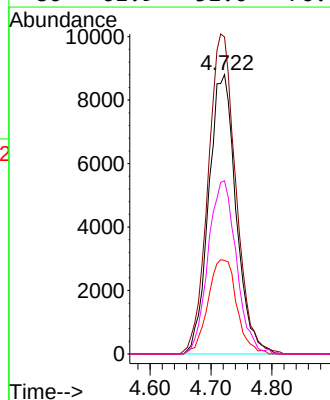
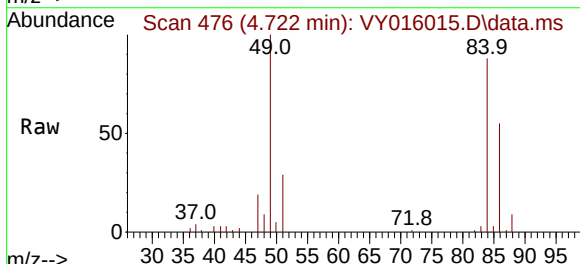
Manual Integrations
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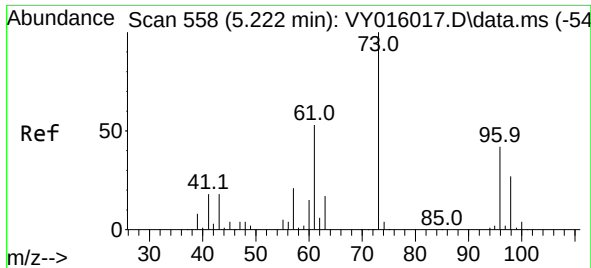
Reviewed By :John Carlone 10/19/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#20
Methylene Chloride
Concen: 10.693 ug/l
RT: 4.722 min Scan# 476
Delta R.T. 0.006 min
Lab File: VY016015.D
Acq: 18 Oct 2023 11:54

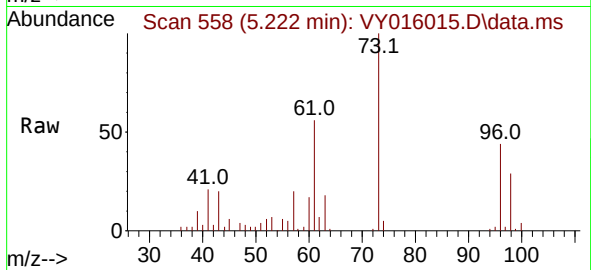
Tgt Ion: 84 Resp: 27431
Ion Ratio Lower Upper
84 100
49 113.4 106.9 160.3
51 33.5 33.2 49.8
86 61.9 51.0 76.6





#21
trans-1,2-Dichloroethene
Concen: 9.959 ug/l
RT: 5.222 min Scan# 511
Delta R.T. -0.000 min
Lab File: VY016015.D
Acq: 18 Oct 2023 11:54

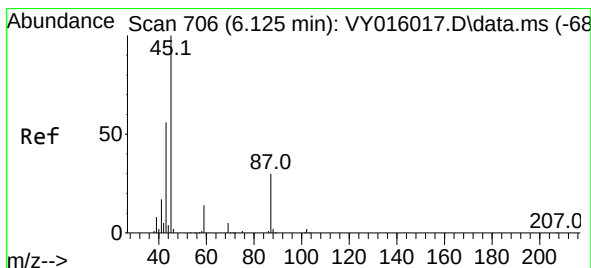
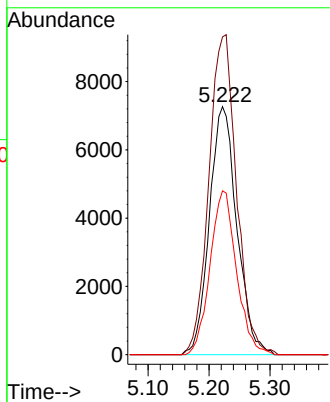
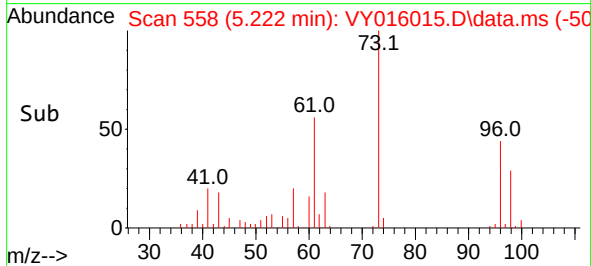
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010



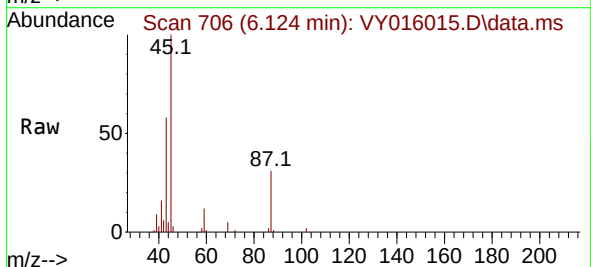
Tgt Ion: 96 Resp: 2280
Ion Ratio Lower Upper
96 100
61 128.1 110.2 165.4
98 66.1 51.8 77.6

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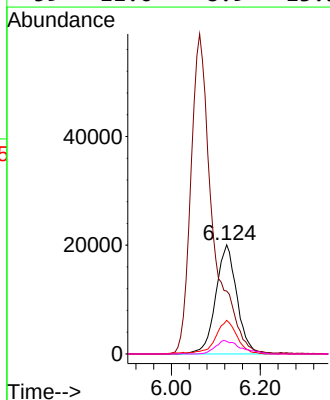
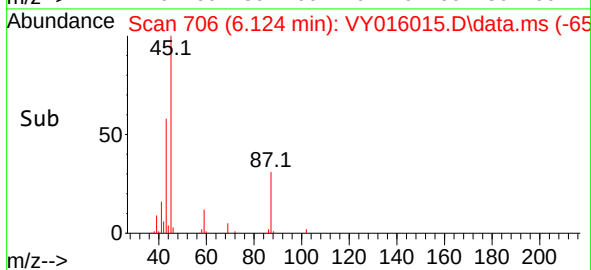
Reviewed By :John Carlone 10/19/2023
Supervised By :Semsettin Yesilyurt 10/20/2023

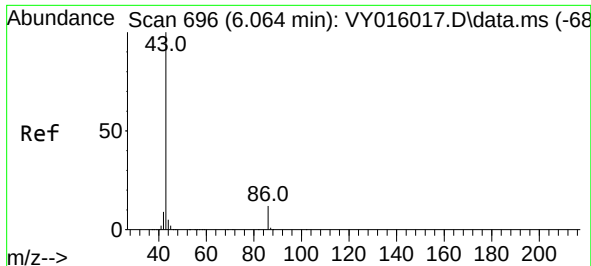


#22
Diisopropyl ether
Concen: 9.879 ug/l
RT: 6.124 min Scan# 706
Delta R.T. -0.000 min
Lab File: VY016015.D
Acq: 18 Oct 2023 11:54



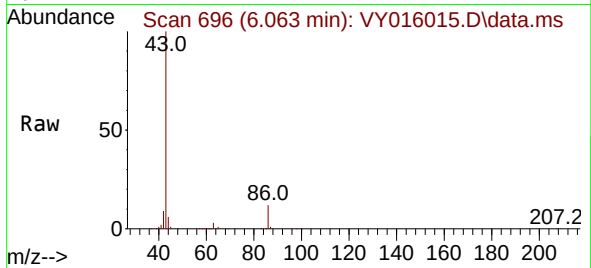
Tgt Ion: 45 Resp: 66136
Ion Ratio Lower Upper
45 100
43 56.8 52.2 78.4
87 30.7 21.0 31.6
59 11.6 8.9 13.3





#23
 Vinyl Acetate
 Concen: 48.321 ug/l
 RT: 6.063 min Scan# 696
 Delta R.T. -0.000 min
 Lab File: VY016015.D
 Acq: 18 Oct 2023 11:54

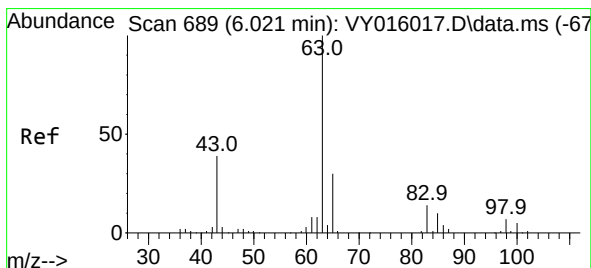
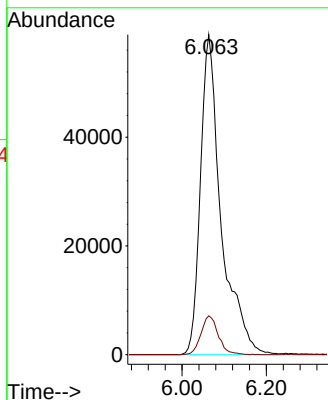
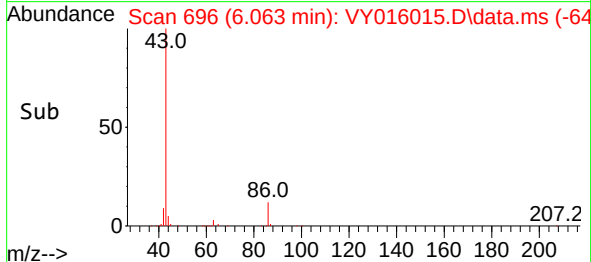
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010



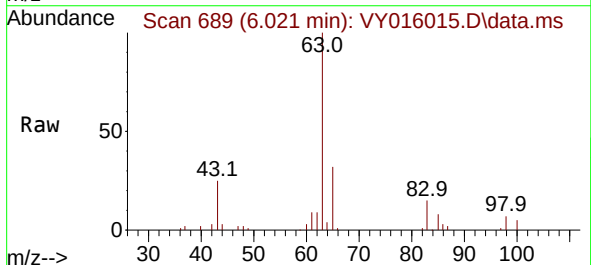
Tgt Ion: 43 Resp: 200672
 Ion Ratio Lower Upper
 43 100
 86 12.2 7.5 11.3

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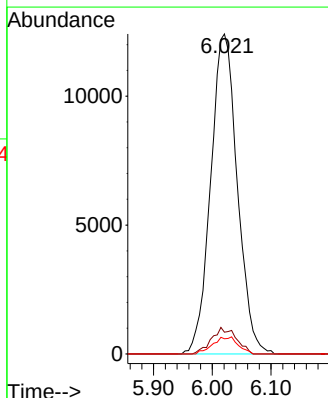
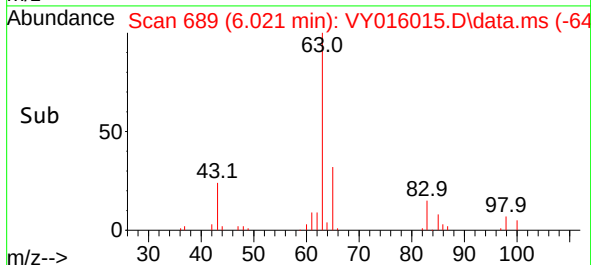
Reviewed By :John Carlone 10/19/2023
 Supervised By :Semsettin Yesilyurt 10/20/2023

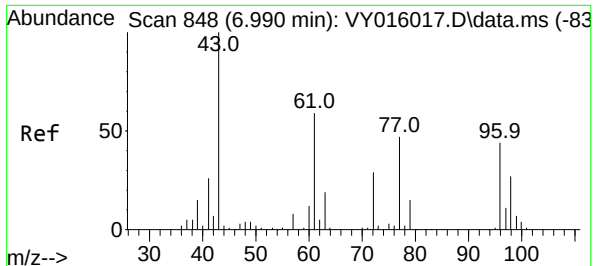


#24
 1,1-Dichloroethane
 Concen: 9.853 ug/l
 RT: 6.021 min Scan# 689
 Delta R.T. -0.000 min
 Lab File: VY016015.D
 Acq: 18 Oct 2023 11:54



Tgt Ion: 63 Resp: 39133
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.1 9.4
 100 4.8 1.8 5.5





#25

2-Butanone

Concen: 50.420 ug/l

RT: 6.990 min Scan# 84

Delta R.T. -0.000 min

Lab File: VY016015.D

Acq: 18 Oct 2023 11:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC010

Tgt Ion: 43 Resp: 5963

Ion Ratio Lower Upper

43 100

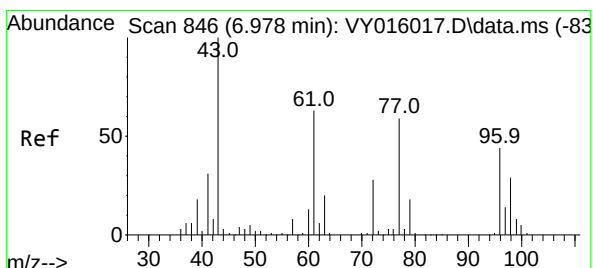
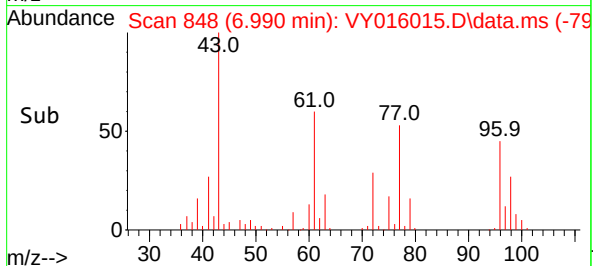
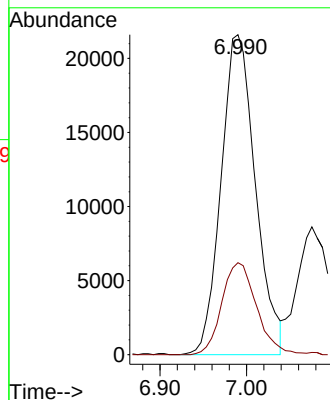
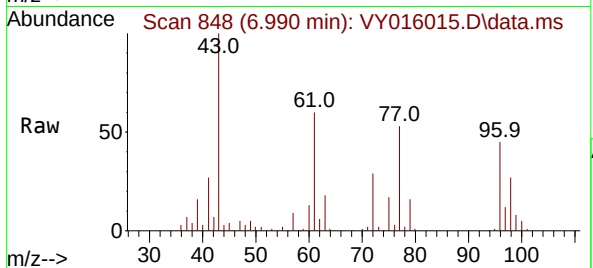
72 28.8 20.5 30.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/19/2023

Supervised By :Semsettin Yesilyurt 10/20/2023



#26

2,2-Dichloropropane

Concen: 10.106 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.006 min

Lab File: VY016015.D

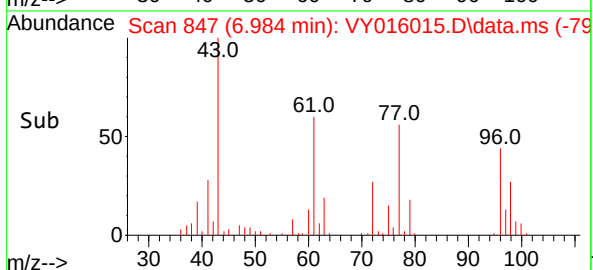
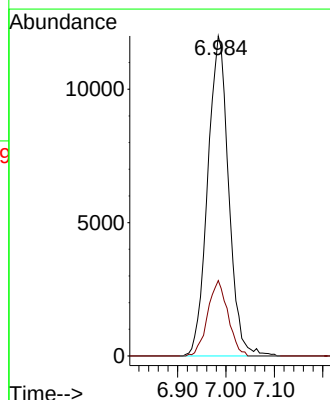
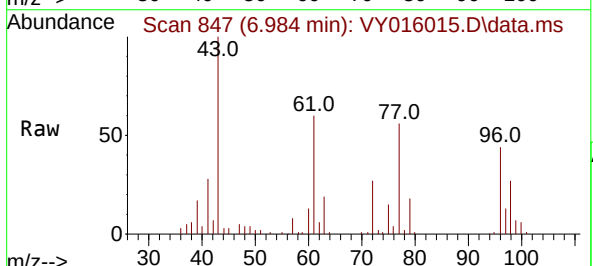
Acq: 18 Oct 2023 11:54

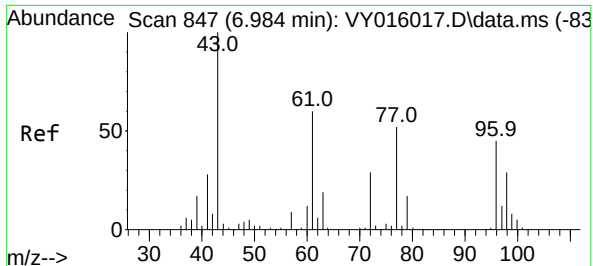
Tgt Ion: 77 Resp: 36116

Ion Ratio Lower Upper

77 100

97 22.8 10.9 32.9





#27

cis-1,2-Dichloroethene

Concen: 9.844 ug/l

RT: 6.990 min Scan# 847

Delta R.T. 0.006 min

Lab File: VY016015.D

Acq: 18 Oct 2023 11:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

Tgt Ion: 96 Resp: 25960

Ion Ratio Lower Upper

96 100

61 142.1 0.0 301.4

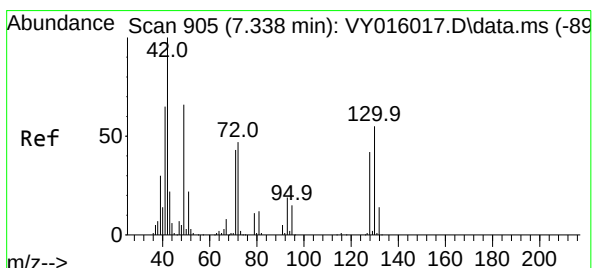
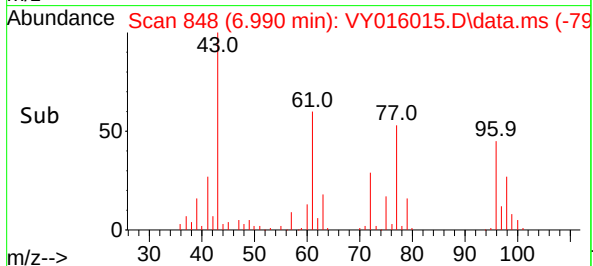
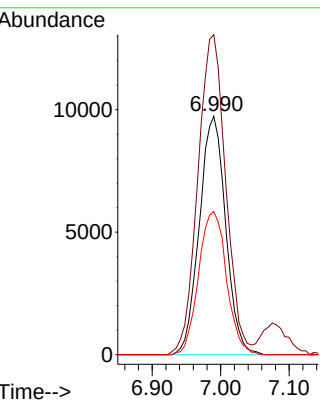
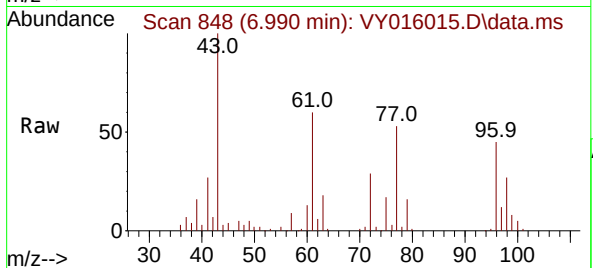
98 63.6 0.0 130.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/19/2023

Supervised By :Semsettin Yesilyurt 10/20/2023



#28

Bromochloromethane

Concen: 10.212 ug/l

RT: 7.338 min Scan# 905

Delta R.T. -0.000 min

Lab File: VY016015.D

Acq: 18 Oct 2023 11:54

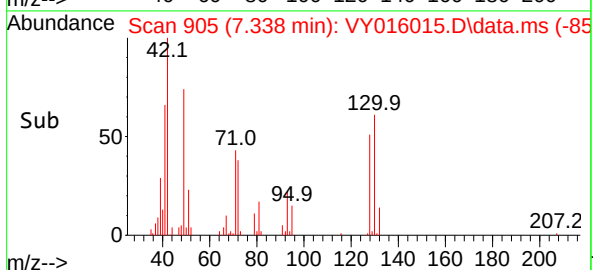
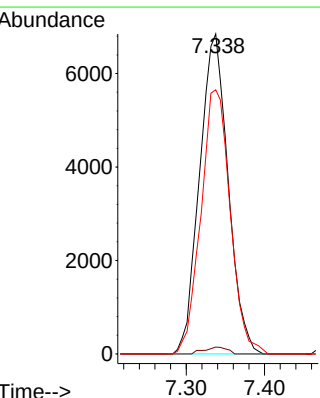
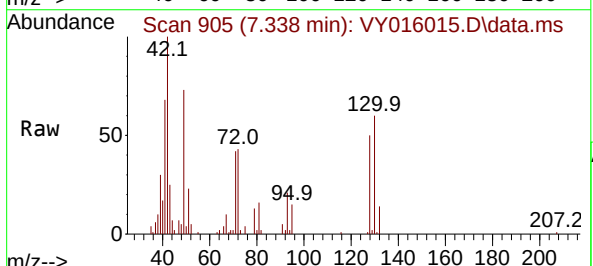
Tgt Ion: 49 Resp: 17347

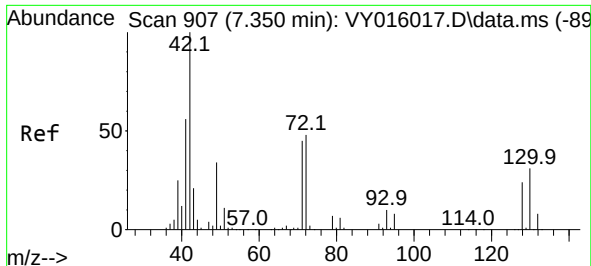
Ion Ratio Lower Upper

49 100

129 1.7 0.0 4.6

130 84.7 60.7 91.1





#29

Tetrahydrofuran

Concen: 49.896 ug/l

RT: 7.350 min Scan# 907

Delta R.T. -0.000 min

Lab File: VY016015.D

Acq: 18 Oct 2023 11:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

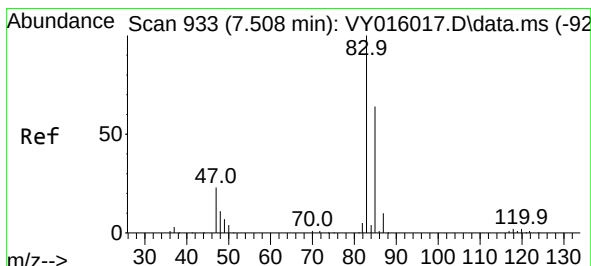
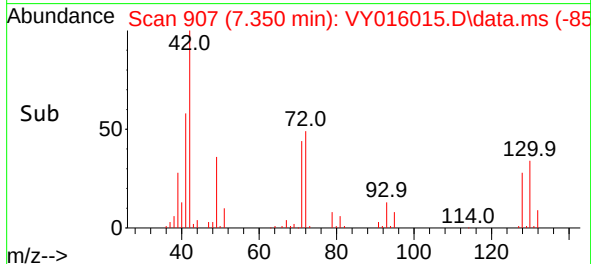
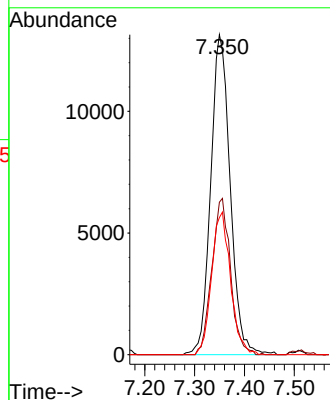
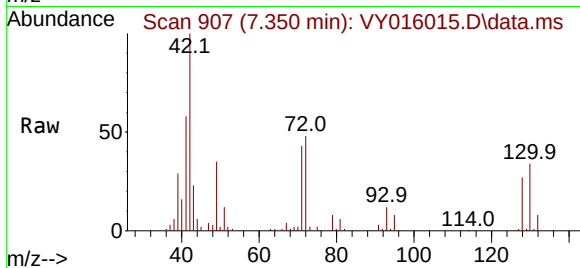
Tgt Ion:	42	Resp:	3572
Ion Ratio	Lower	Upper	
42	100		
72	46.7	32.8	49.2
71	43.3	31.0	46.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/19/2023

Supervised By :Semsettin Yesilyurt 10/20/2023



#30

Chloroform

Concen: 10.146 ug/l

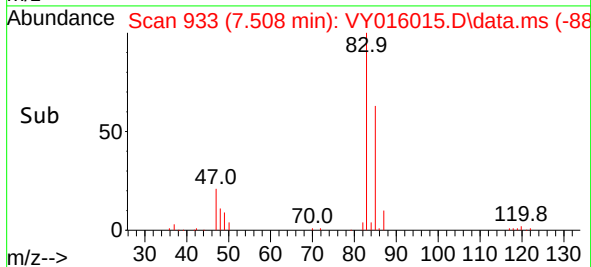
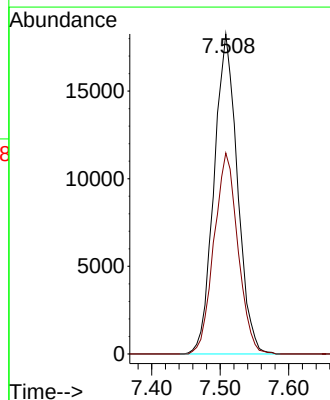
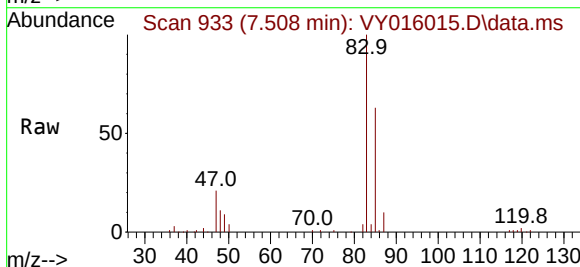
RT: 7.508 min Scan# 933

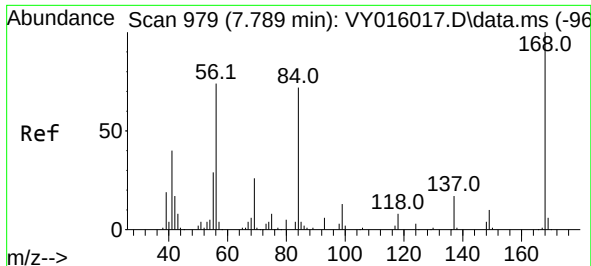
Delta R.T. -0.000 min

Lab File: VY016015.D

Acq: 18 Oct 2023 11:54

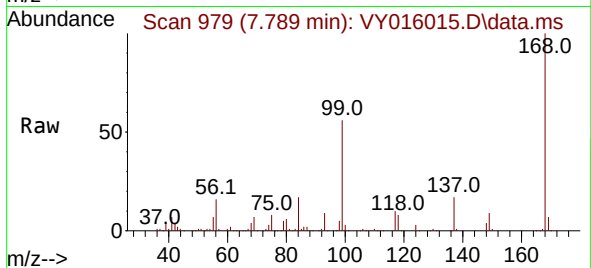
Tgt Ion:	83	Resp:	43209
Ion Ratio	Lower	Upper	
83	100		
85	62.8	49.7	74.5





#31
Cyclohexane
Concen: 10.026 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY016015.D
Acq: 18 Oct 2023 11:54

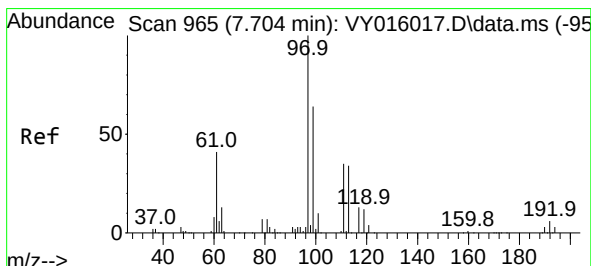
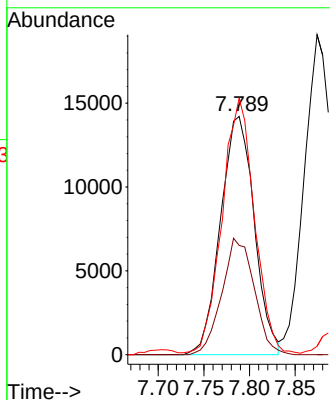
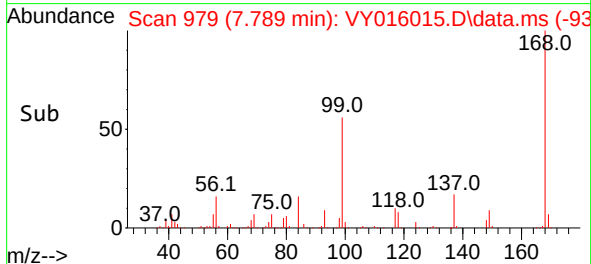
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010



Tgt Ion: 56 Resp: 3655
Ion Ratio Lower Upper
56 100
69 45.9 27.8 41.6
84 106.8 66.4 99.6

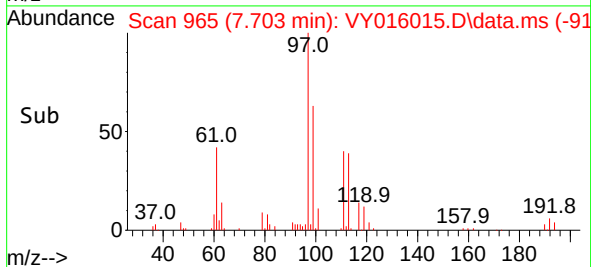
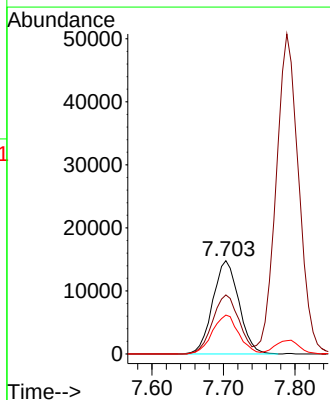
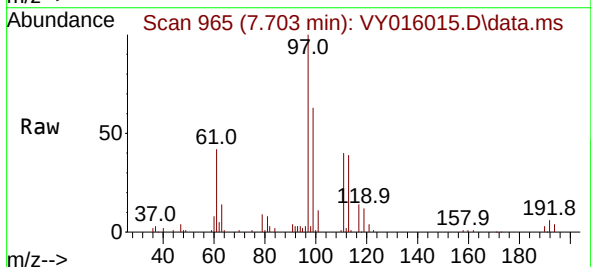
Manual Integrations
APPROVED

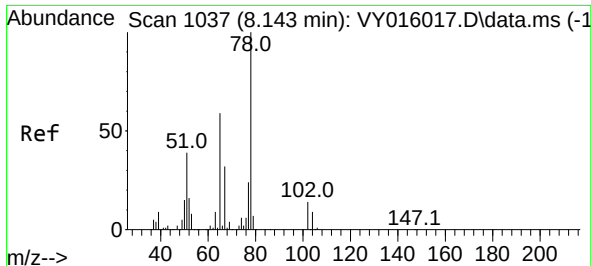
Reviewed By :John Carlone 10/19/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#32
1,1,1-Trichloroethane
Concen: 9.865 ug/l
RT: 7.703 min Scan# 965
Delta R.T. -0.000 min
Lab File: VY016015.D
Acq: 18 Oct 2023 11:54

Tgt Ion: 97 Resp: 37587
Ion Ratio Lower Upper
97 100
99 63.5 50.8 76.2
61 42.1 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 11.137 ug/l

RT: 8.142 min Scan# 1037

Delta R.T. -0.000 min

Lab File: VY016015.D

Acq: 18 Oct 2023 11:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

Tgt Ion: 65 Resp: 25944

Ion Ratio Lower Upper

65 100

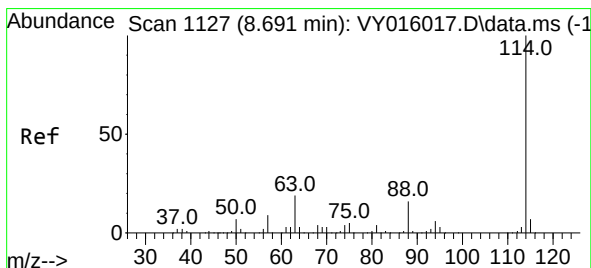
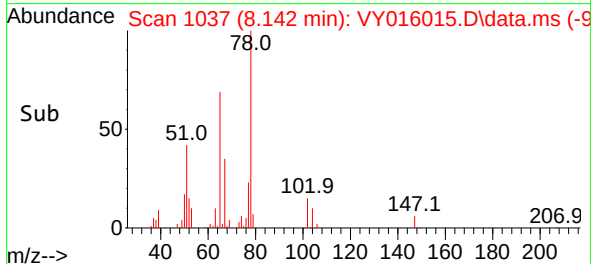
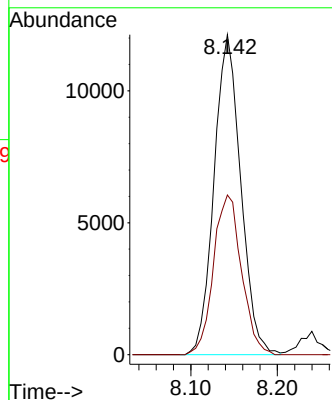
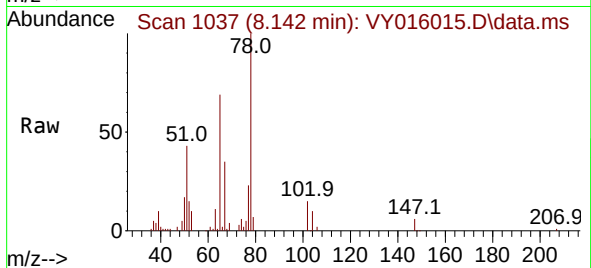
67 52.4 0.0 101.8

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: VY016015.D

Acq: 18 Oct 2023 11:54

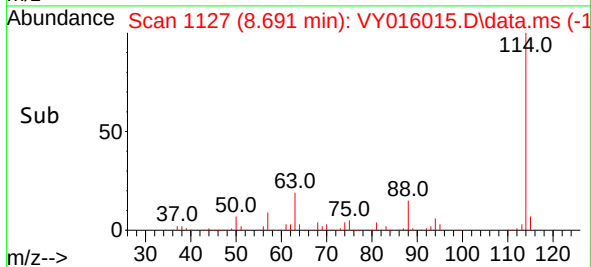
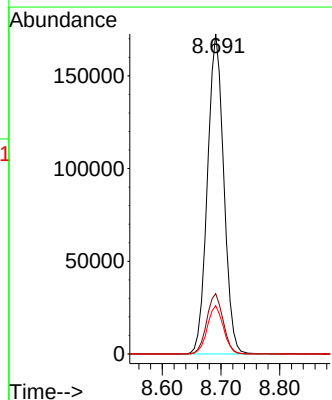
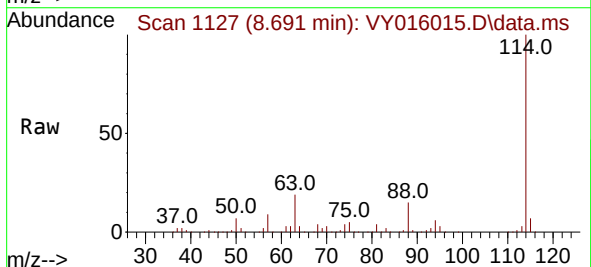
Tgt Ion:114 Resp: 332483

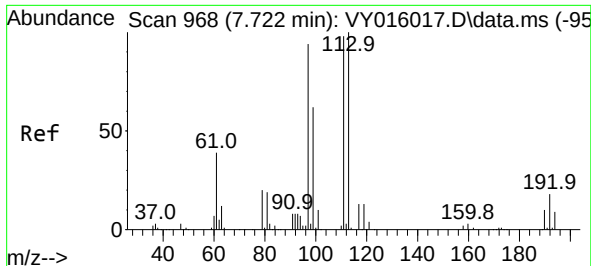
Ion Ratio Lower Upper

114 100

63 18.8 0.0 42.4

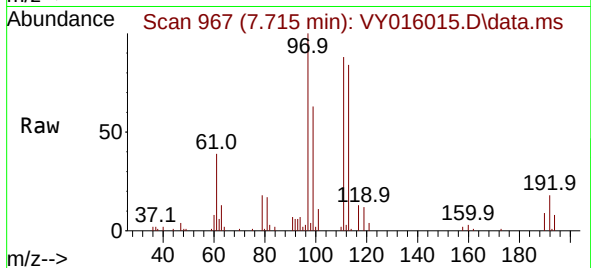
88 15.1 0.0 30.6





#35
Dibromofluoromethane
Concen: 10.570 ug/l
RT: 7.715 min Scan# 90
Delta R.T. -0.006 min
Lab File: VY016015.D
Acq: 18 Oct 2023 11:54

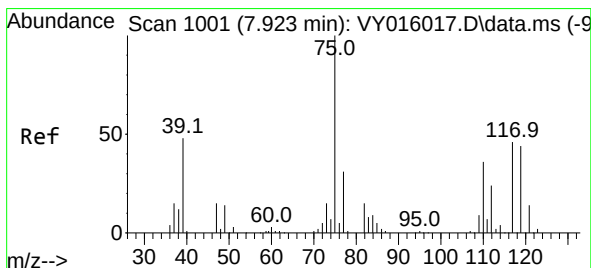
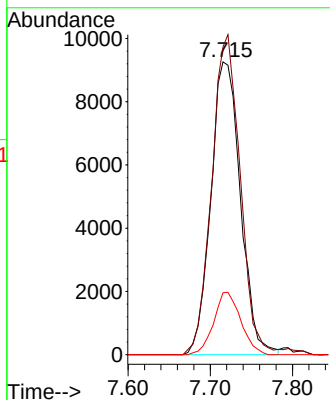
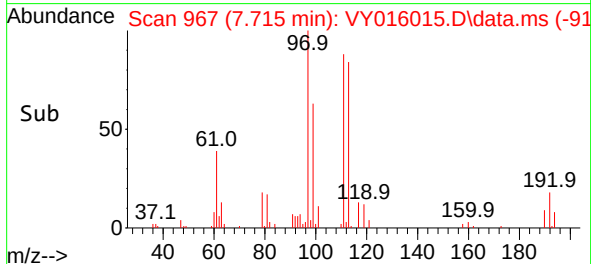
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010



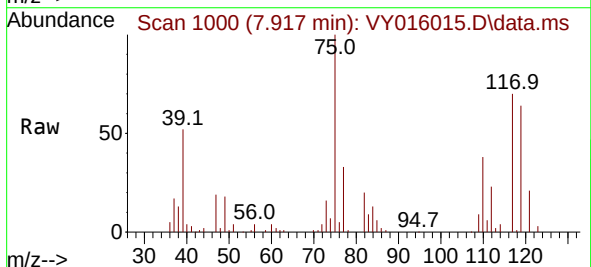
Tgt Ion:113 Resp: 2313
Ion Ratio Lower Upper
113 100
111 105.2 81.3 121.9
192 19.5 16.9 25.3

Manual Integrations
APPROVED

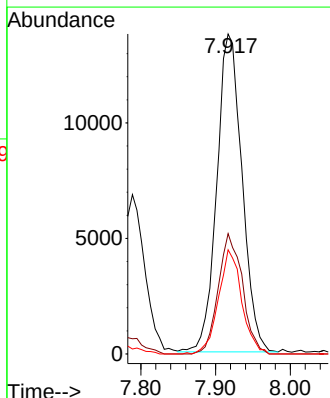
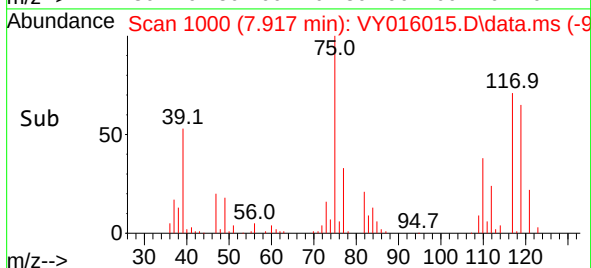
Reviewed By :John Carlone 10/19/2023
Supervised By :Semsettin Yesilyurt 10/20/2023

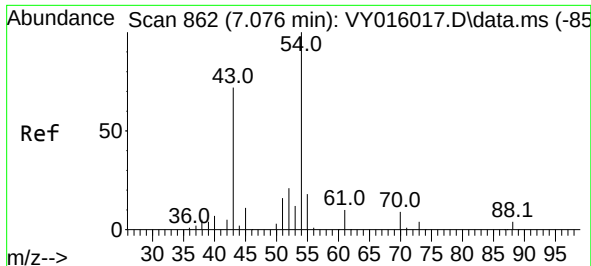


#36
1,1-Dichloropropene
Concen: 9.813 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. -0.006 min
Lab File: VY016015.D
Acq: 18 Oct 2023 11:54



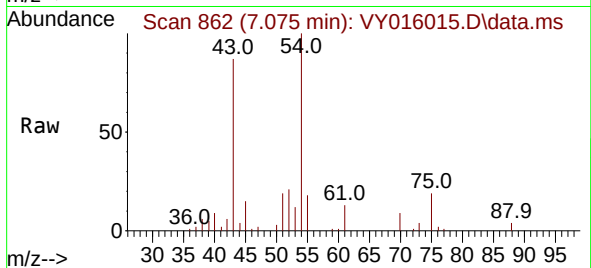
Tgt Ion: 75 Resp: 32310
Ion Ratio Lower Upper
75 100
110 36.1 17.8 53.5
77 30.1 24.4 36.6





#37
Ethyl Acetate
Concen: 10.012 ug/l
RT: 7.075 min Scan# 862
Delta R.T. -0.000 min
Lab File: VY016015.D
Acq: 18 Oct 2023 11:54

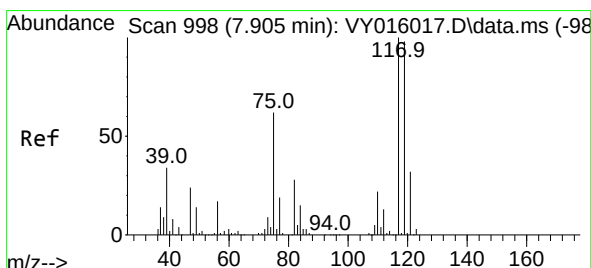
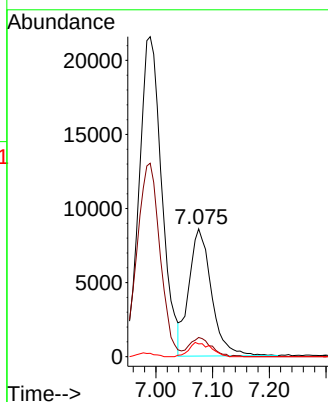
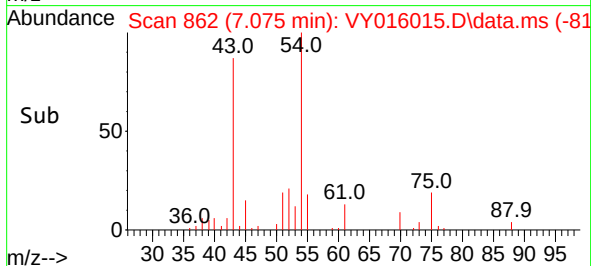
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010



Tgt Ion: 43 Resp: 23762
Ion Ratio Lower Upper
43 100
61 14.3 10.1 15.1
70 10.7 7.1 10.7

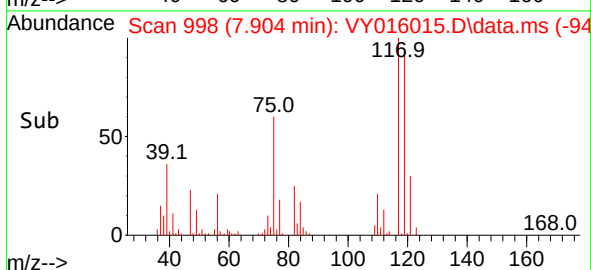
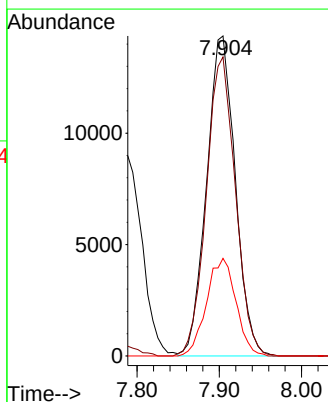
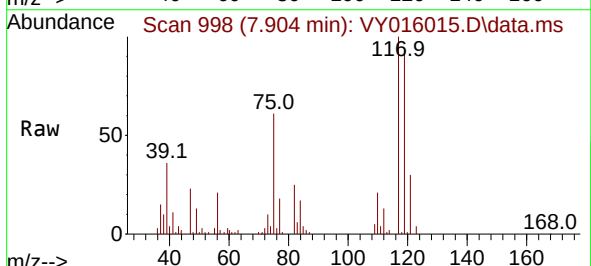
Manual Integrations
APPROVED

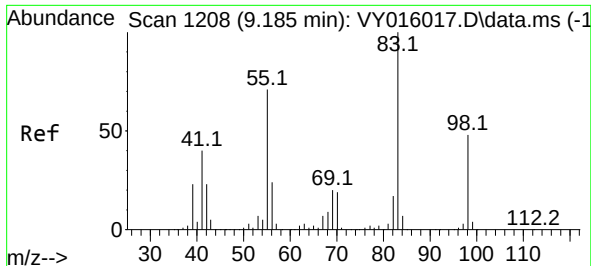
Reviewed By :John Carlone 10/19/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#38
Carbon Tetrachloride
Concen: 9.962 ug/l
RT: 7.904 min Scan# 998
Delta R.T. -0.000 min
Lab File: VY016015.D
Acq: 18 Oct 2023 11:54

Tgt Ion:117 Resp: 34861
Ion Ratio Lower Upper
117 100
119 93.4 76.4 114.6
121 30.5 25.8 38.6





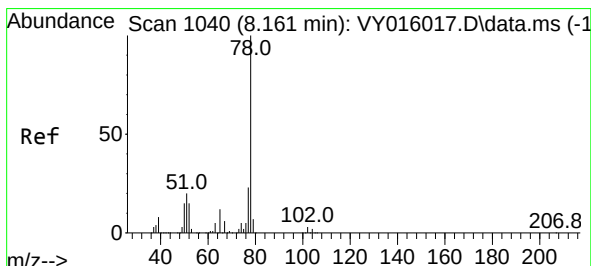
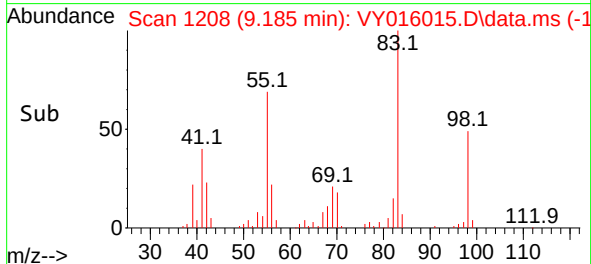
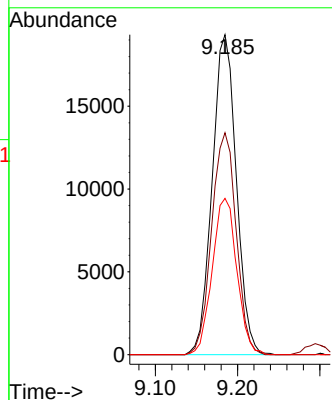
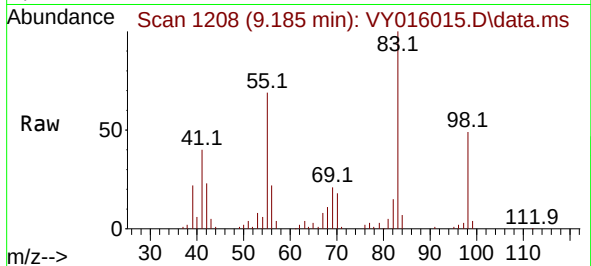
#39
Methylcyclohexane
Concen: 9.567 ug/l
RT: 9.185 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY016015.D
Acq: 18 Oct 2023 11:54

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tgt Ion: 83 Resp: 39364
Ion Ratio Lower Upper
83 100
55 69.3 63.0 94.4
98 48.8 37.4 56.2

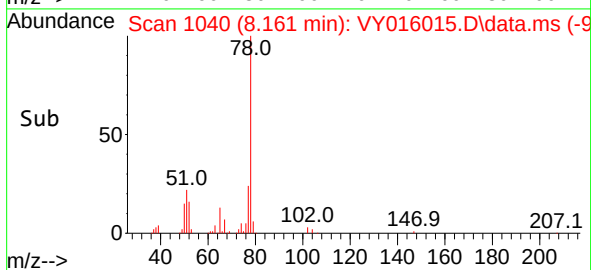
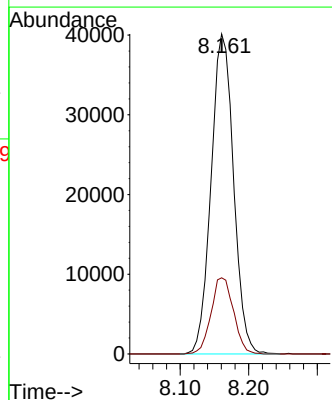
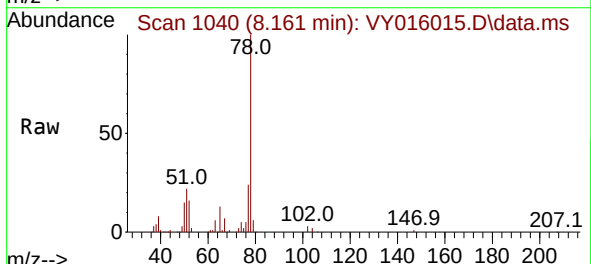
Manual Integrations
APPROVED

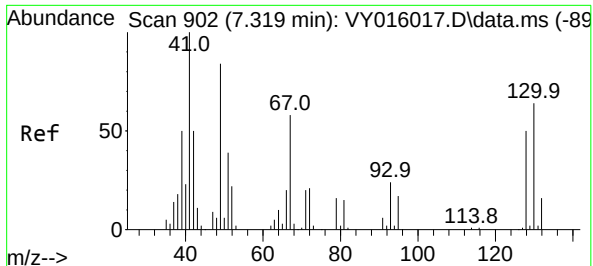
Reviewed By :John Carlone 10/19/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#40
Benzene
Concen: 9.840 ug/l
RT: 8.161 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VY016015.D
Acq: 18 Oct 2023 11:54

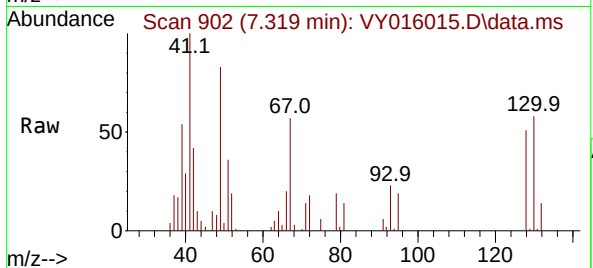
Tgt Ion: 78 Resp: 91314
Ion Ratio Lower Upper
78 100
77 23.8 19.0 28.6





#41
Methacrylonitrile
Concen: 11.543 ug/l m
RT: 7.319 min Scan# 902
Delta R.T. -0.000 min
Lab File: VY016015.D
Acq: 18 Oct 2023 11:54

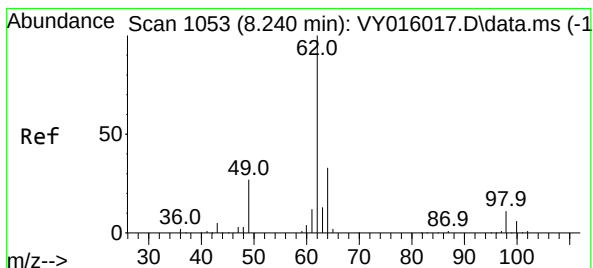
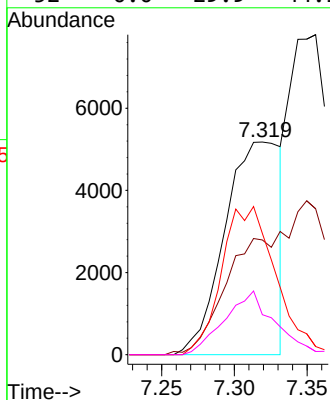
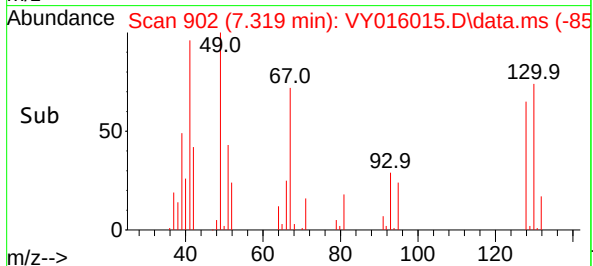
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010



Tgt Ion: 41 Resp: 1379
Ion Ratio Lower Upper
41 100
39 116.9 52.1 78.1
67 0.0 66.2 99.2
52 0.0 29.9 44.9

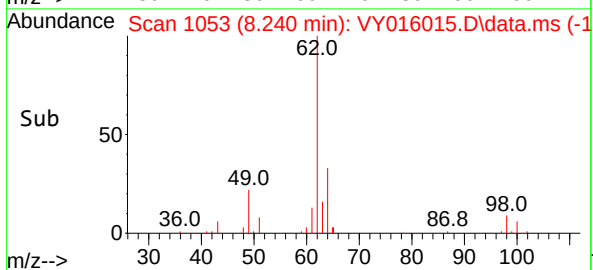
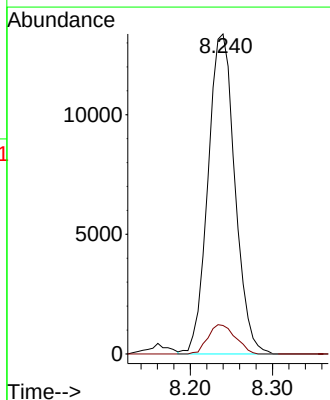
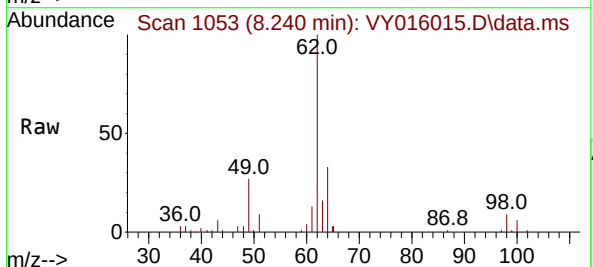
Manual Integrations
APPROVED

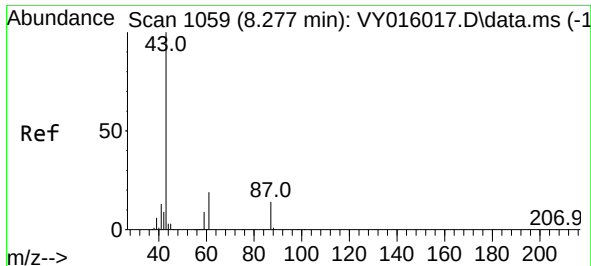
Reviewed By :John Carlone 10/19/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#42
1,2-Dichloroethane
Concen: 10.175 ug/l
RT: 8.240 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VY016015.D
Acq: 18 Oct 2023 11:54

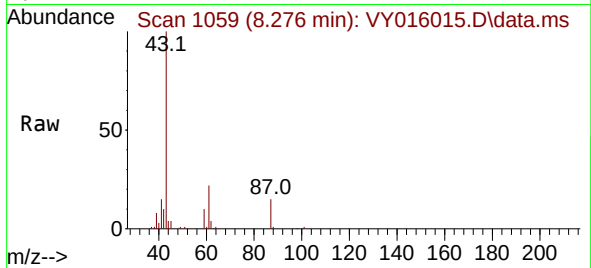
Tgt Ion: 62 Resp: 30416
Ion Ratio Lower Upper
62 100
98 9.3 0.0 15.8





#43
Isopropyl Acetate
Concen: 9.519 ug/l
RT: 8.276 min Scan# 1059
Delta R.T. -0.000 min
Lab File: VY016015.D
Acq: 18 Oct 2023 11:54

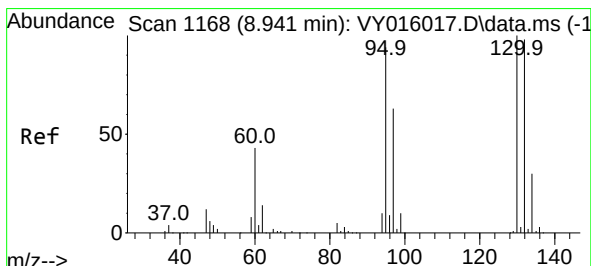
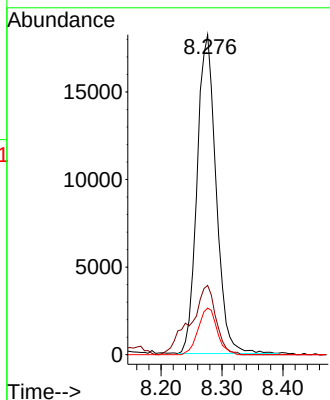
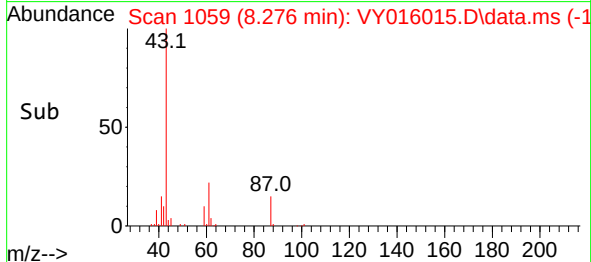
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010



Tgt Ion: 43 Resp: 3949
Ion Ratio Lower Upper
43 100
61 29.1 21.1 31.7
87 14.6 9.8 14.8

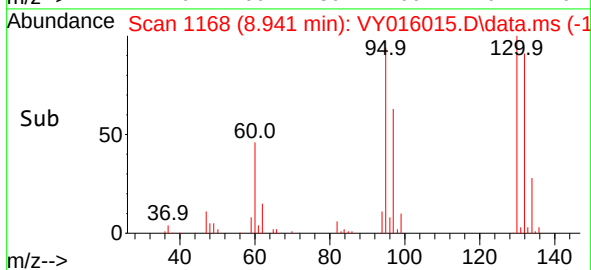
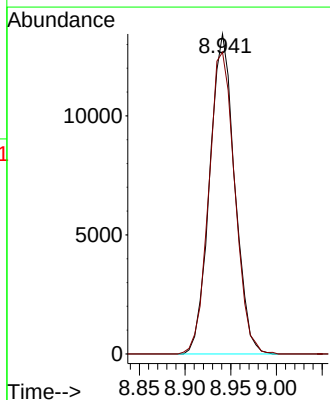
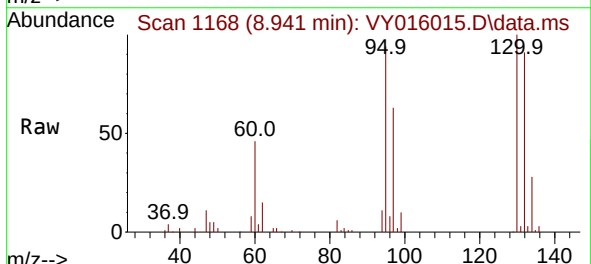
Manual Integrations
APPROVED

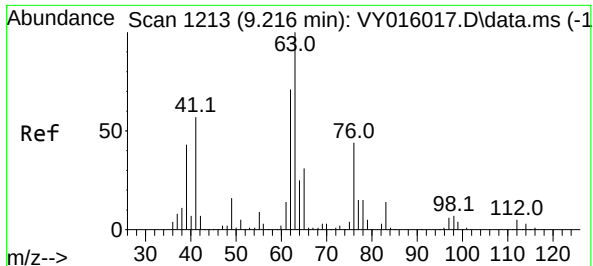
Reviewed By :John Carlone 10/19/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#44
Trichloroethene
Concen: 9.814 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. -0.000 min
Lab File: VY016015.D
Acq: 18 Oct 2023 11:54

Tgt Ion:130 Resp: 25536
Ion Ratio Lower Upper
130 100
95 94.3 0.0 196.0





#45

1,2-Dichloropropane

Concen: 9.951 ug/l

RT: 9.215 min Scan# 1213

Delta R.T. -0.000 min

Lab File: VY016015.D

Acq: 18 Oct 2023 11:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC010

Tgt Ion: 63 Resp: 2310

Ion Ratio Lower Upper

63 100

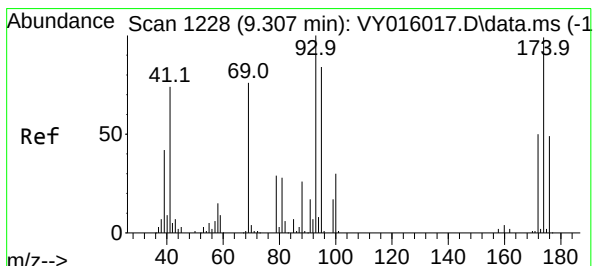
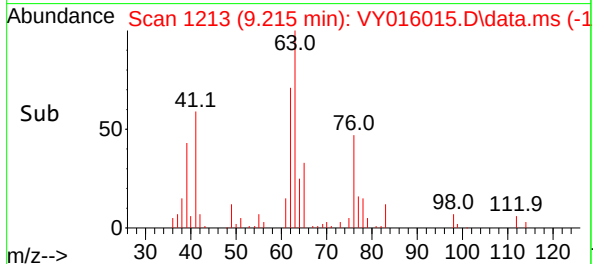
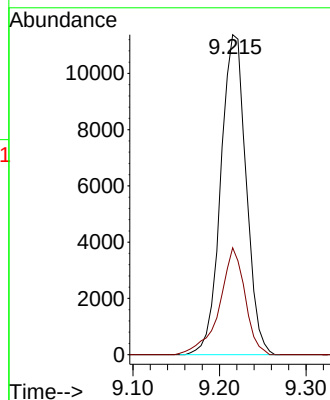
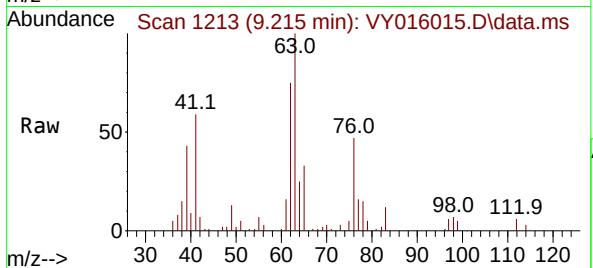
65 33.4 23.8 35.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/19/2023

Supervised By :Semsettin Yesilyurt 10/20/2023



#46

Dibromomethane

Concen: 10.149 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. -0.000 min

Lab File: VY016015.D

Acq: 18 Oct 2023 11:54

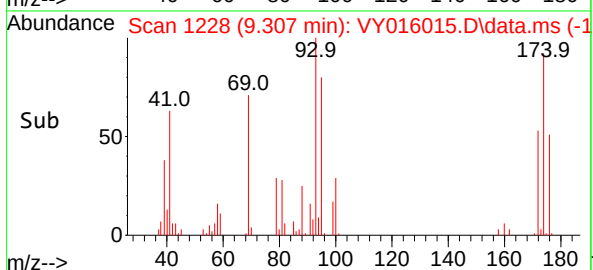
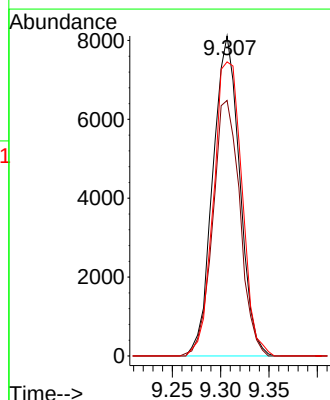
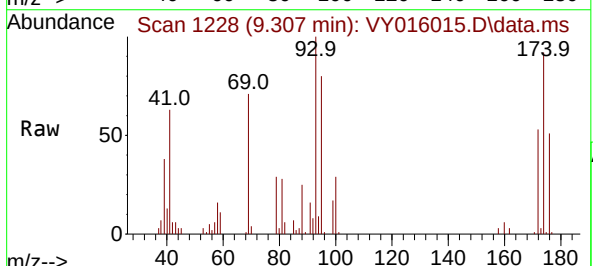
Tgt Ion: 93 Resp: 15648

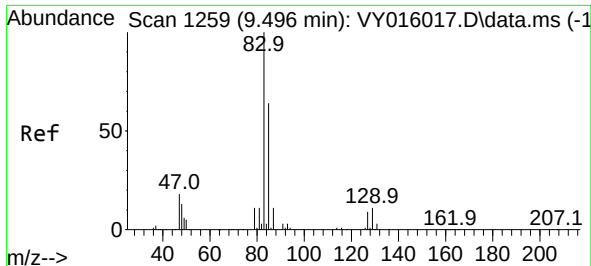
Ion Ratio Lower Upper

93 100

95 80.8 66.6 100.0

174 97.4 84.8 127.2





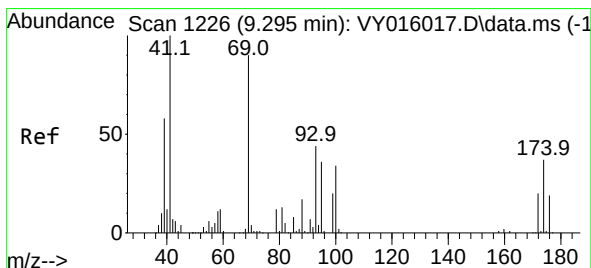
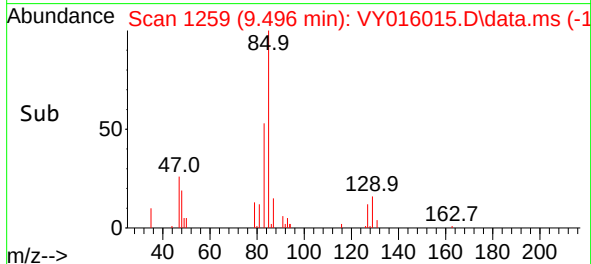
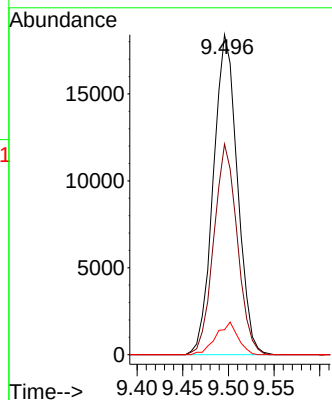
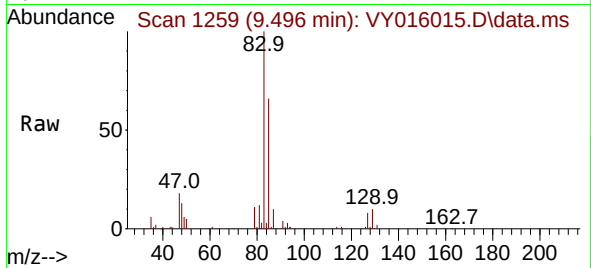
#47
Bromodichloromethane
Concen: 9.974 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VY016015.D
Acq: 18 Oct 2023 11:54

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tgt Ion: 83 Resp: 3370
Ion Ratio Lower Upper
83 100
85 65.8 50.1 75.1
127 7.8 7.1 10.7

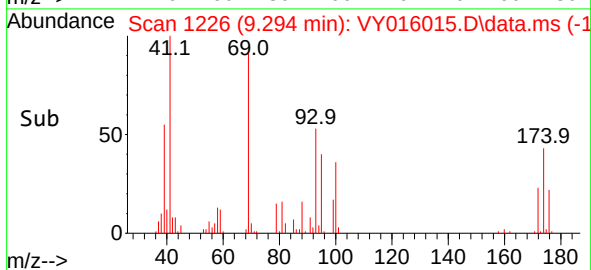
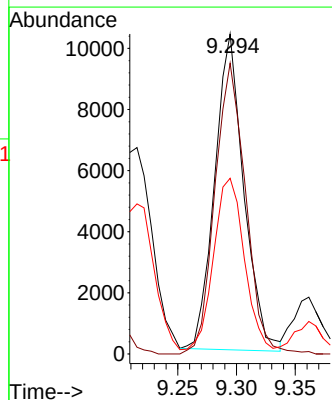
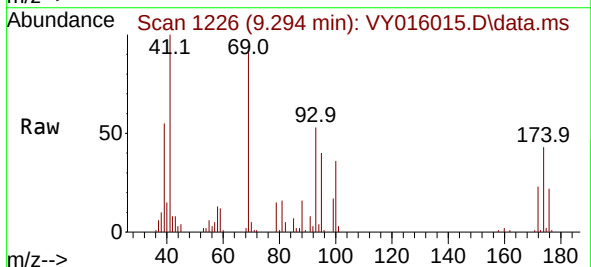
Manual Integrations
APPROVED

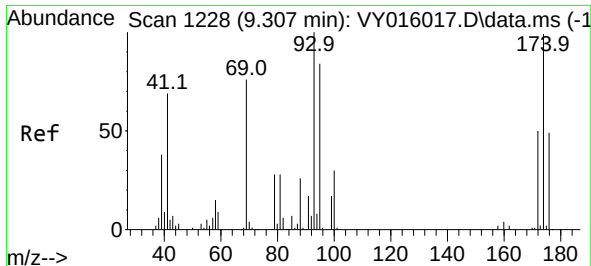
Reviewed By :John Carlone 10/19/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#48
Methyl methacrylate
Concen: 9.438 ug/l
RT: 9.294 min Scan# 1226
Delta R.T. -0.000 min
Lab File: VY016015.D
Acq: 18 Oct 2023 11:54

Tgt Ion: 41 Resp: 17827
Ion Ratio Lower Upper
41 100
69 96.9 64.5 96.7#
39 57.4 50.8 76.2





#49

1,4-Dioxane

Concen: 203.869 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. -0.000 min

Lab File: VY016015.D

Acq: 18 Oct 2023 11:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

Tgt Ion: 88 Resp: 500

Ion Ratio Lower Upper

88 100

43 30.0 0.0 0.0

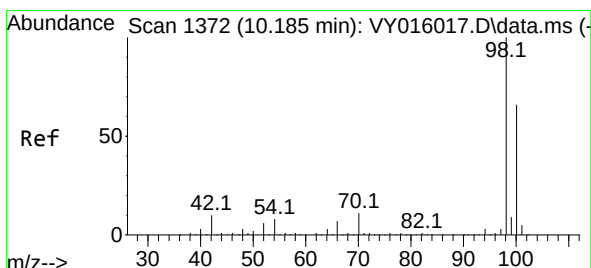
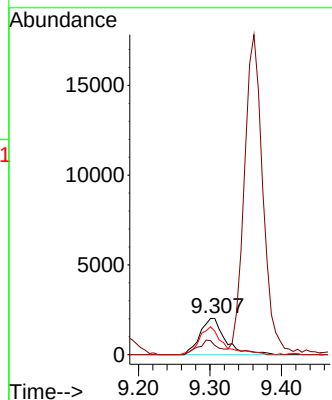
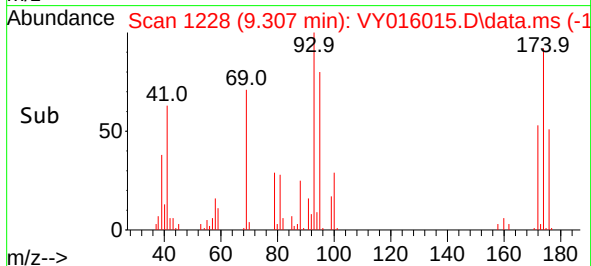
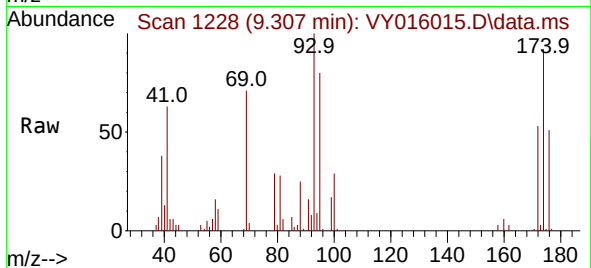
58 71.5 30.9 46.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/19/2023

Supervised By :Semsettin Yesilyurt 10/20/2023



#50

Toluene-d8

Concen: 10.670 ug/l

RT: 10.178 min Scan# 1371

Delta R.T. -0.006 min

Lab File: VY016015.D

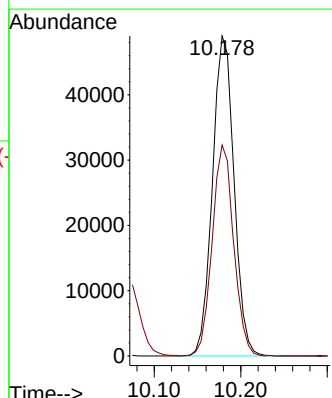
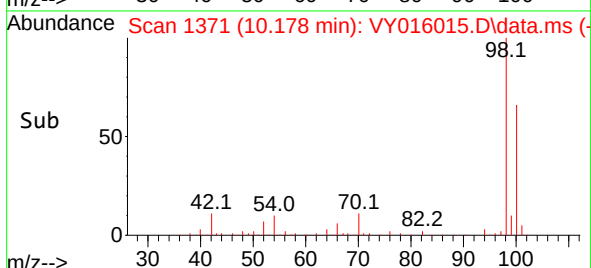
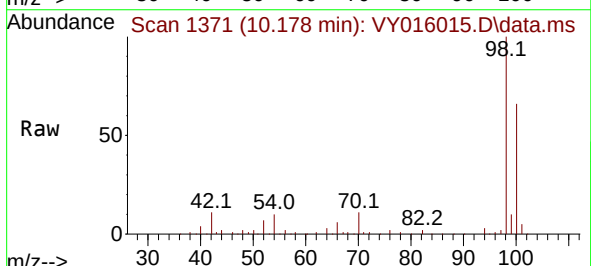
Acq: 18 Oct 2023 11:54

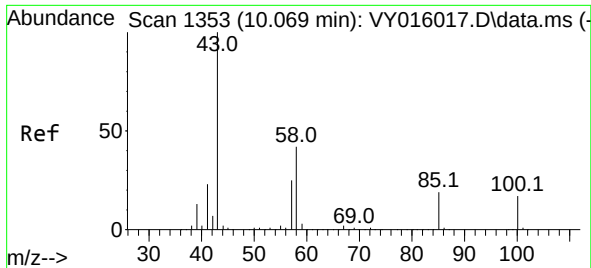
Tgt Ion: 98 Resp: 84809

Ion Ratio Lower Upper

98 100

100 65.7 50.1 75.1





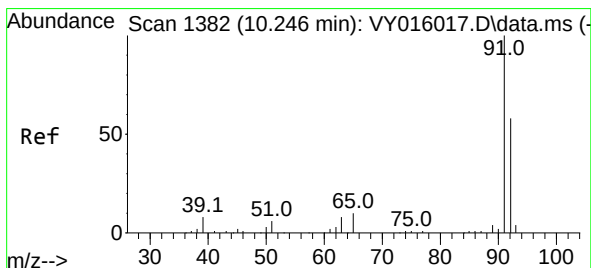
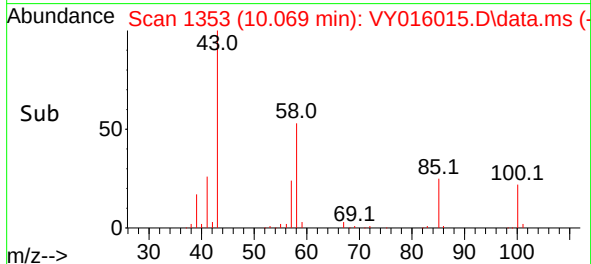
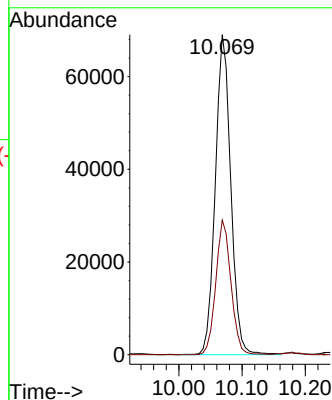
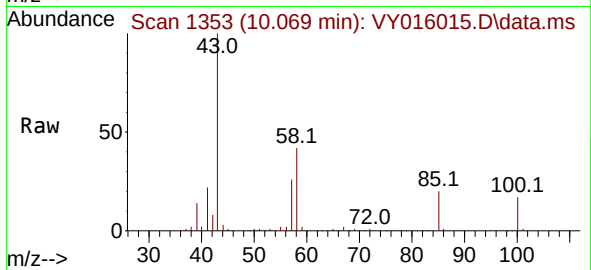
#51
4-Methyl-2-Pentanone
Concen: 49.165 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. -0.000 min
Lab File: VY016015.D
Acq: 18 Oct 2023 11:54

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tgt Ion: 43 Resp: 117314
Ion Ratio Lower Upper
43 100
58 41.3 29.0 43.6

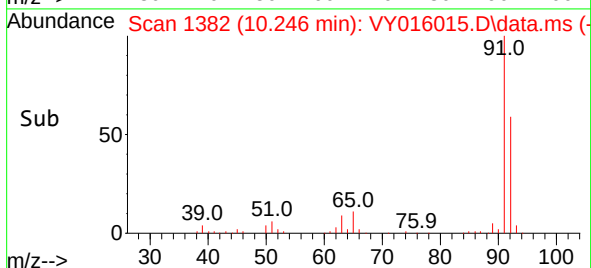
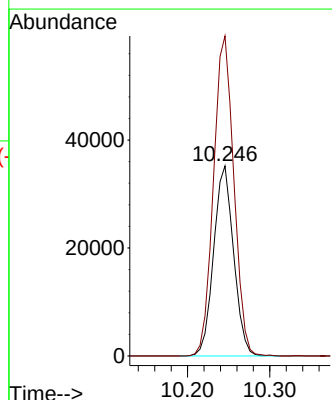
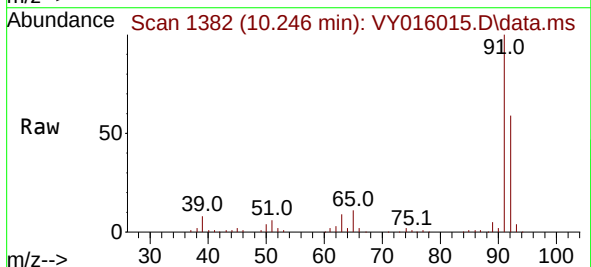
Manual Integrations
APPROVED

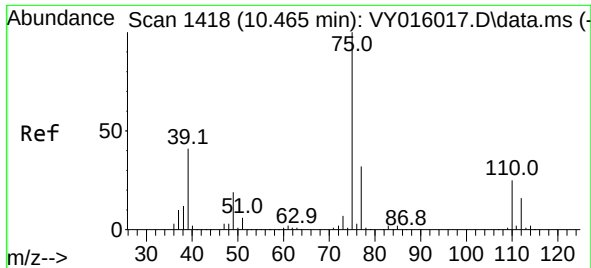
Reviewed By :John Carlone 10/19/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#52
Toluene
Concen: 9.871 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. -0.000 min
Lab File: VY016015.D
Acq: 18 Oct 2023 11:54

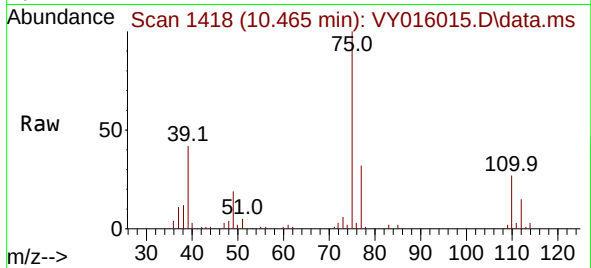
Tgt Ion: 92 Resp: 59410
Ion Ratio Lower Upper
92 100
91 171.7 143.8 215.6





#53
t-1,3-Dichloropropene
Concen: 9.713 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. -0.000 min
Lab File: VY016015.D
Acq: 18 Oct 2023 11:54

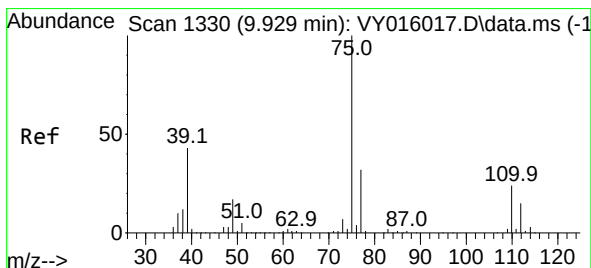
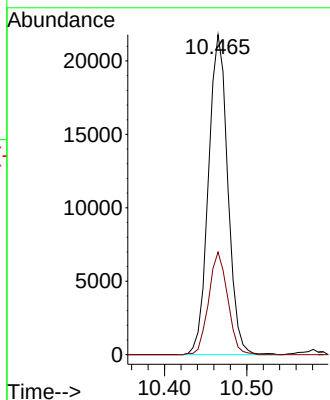
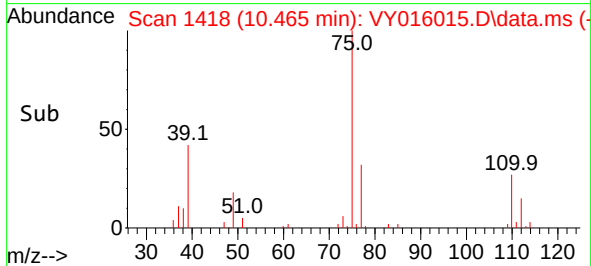
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010



Tgt Ion: 75 Resp: 35554
Ion Ratio Lower Upper
75 100
77 32.1 25.0 37.4

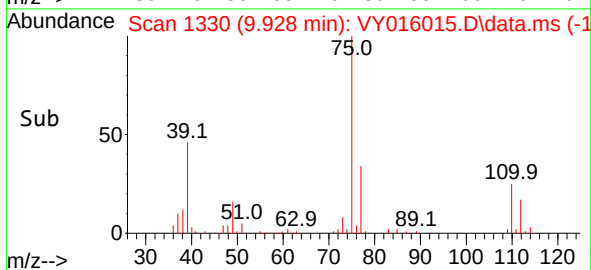
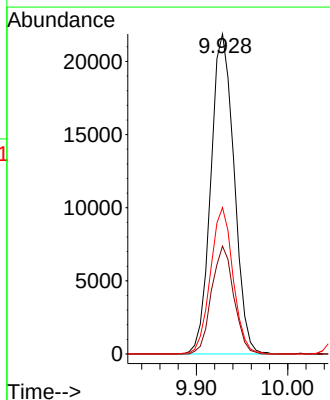
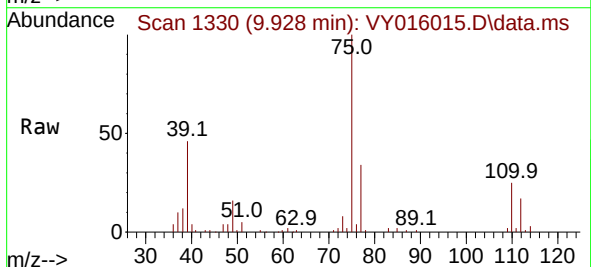
Manual Integrations
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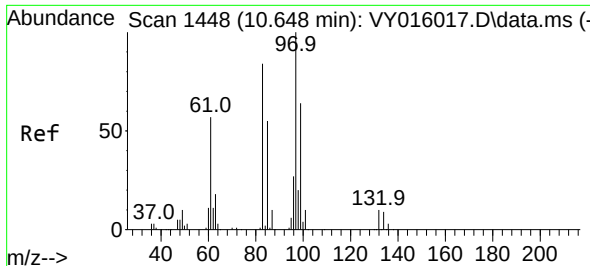
Reviewed By :John Carlone 10/19/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#54
cis-1,3-Dichloropropene
Concen: 9.696 ug/l
RT: 9.928 min Scan# 1330
Delta R.T. -0.000 min
Lab File: VY016015.D
Acq: 18 Oct 2023 11:54

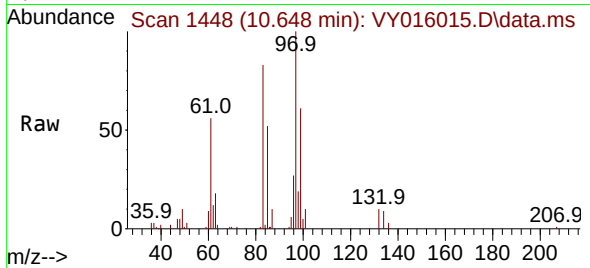
Tgt Ion: 75 Resp: 38691
Ion Ratio Lower Upper
75 100
77 33.7 24.2 36.4
39 45.8 42.2 63.4





#55
1,1,2-Trichloroethane
Concen: 9.914 ug/l
RT: 10.648 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VY016015.D
Acq: 18 Oct 2023 11:54

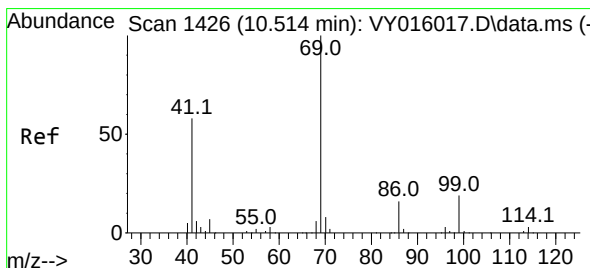
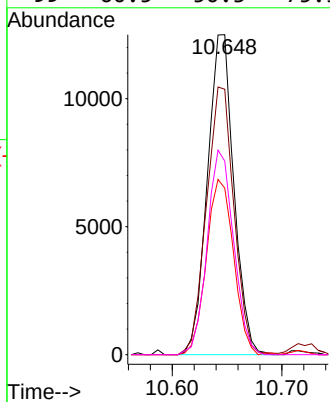
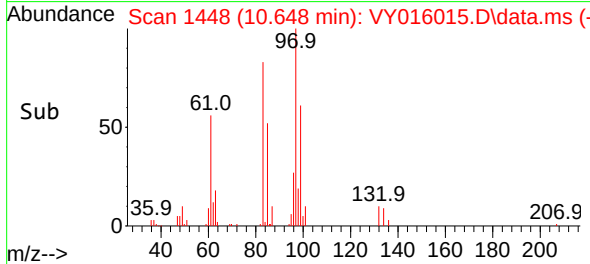
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010



Tgt Ion:	97	Resp:	20995
Ion	Ratio	Lower	Upper
97	100		
83	83.0	72.0	108.0
85	52.0	45.4	68.0
99	60.5	50.3	75.5

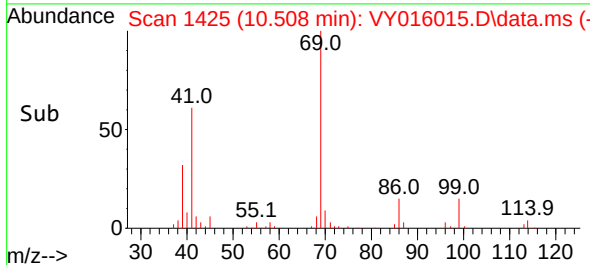
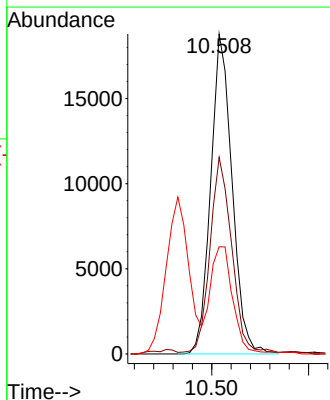
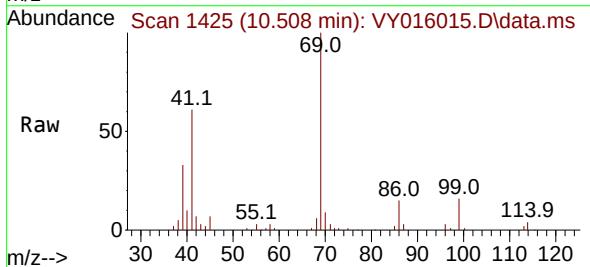
Manual Integrations
APPROVED

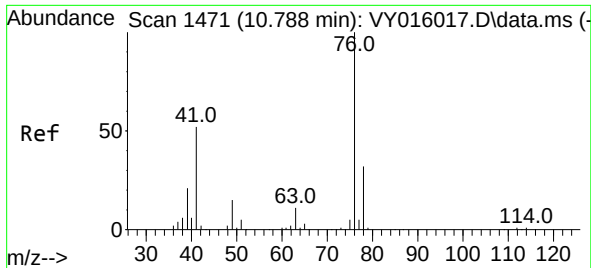
Reviewed By :John Carlone 10/19/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#56
Ethyl methacrylate
Concen: 9.335 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. -0.006 min
Lab File: VY016015.D
Acq: 18 Oct 2023 11:54

Tgt Ion:	69	Resp:	28895
Ion	Ratio	Lower	Upper
69	100		
41	61.8	57.6	86.4
39	35.7	34.1	51.1





#57

1,3-Dichloropropane

Concen: 10.052 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VY016015.D

Acq: 18 Oct 2023 11:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

Tgt Ion: 76 Resp: 36119

Ion Ratio Lower Upper

76 100

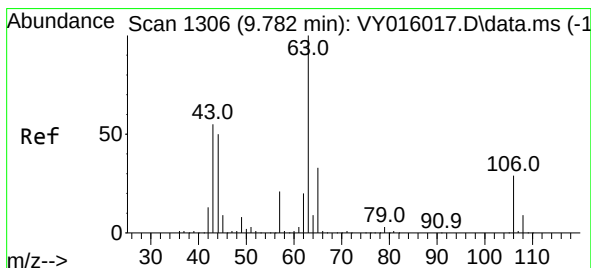
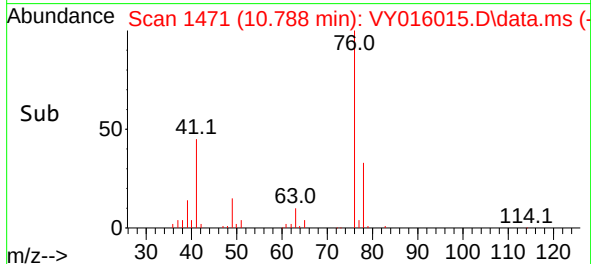
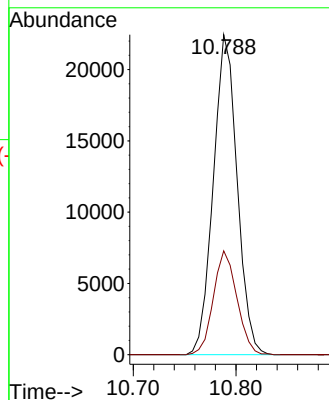
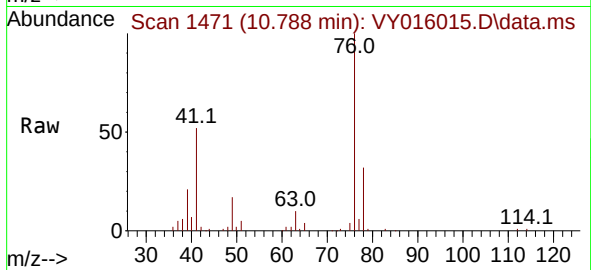
78 32.0 25.3 37.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/19/2023

Supervised By :Semsettin Yesilyurt 10/20/2023



#58

2-Chloroethyl Vinyl ether

Concen: 51.481 ug/l

RT: 9.782 min Scan# 1306

Delta R.T. -0.000 min

Lab File: VY016015.D

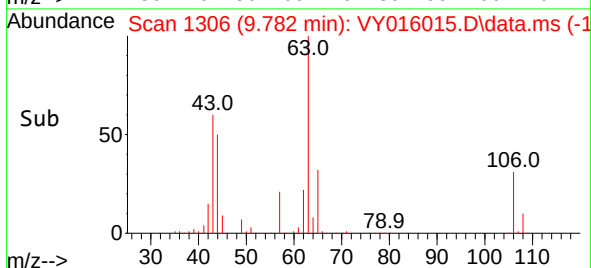
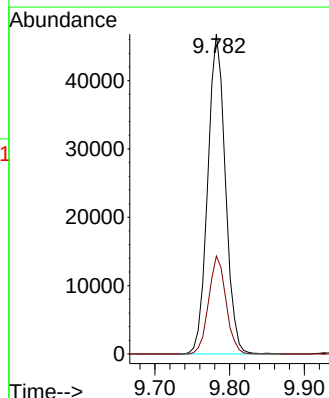
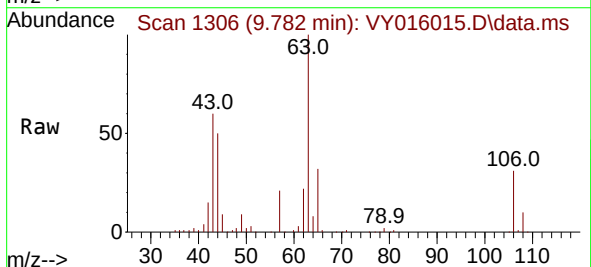
Acq: 18 Oct 2023 11:54

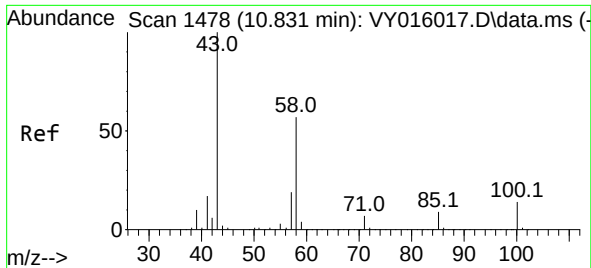
Tgt Ion: 63 Resp: 76544

Ion Ratio Lower Upper

63 100

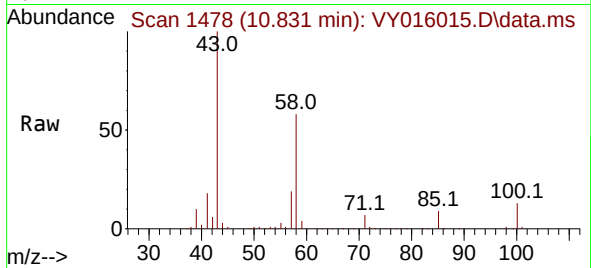
106 30.1 21.2 31.8





#59
2-Hexanone
Concen: 49.055 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. -0.000 min
Lab File: VY016015.D
Acq: 18 Oct 2023 11:54

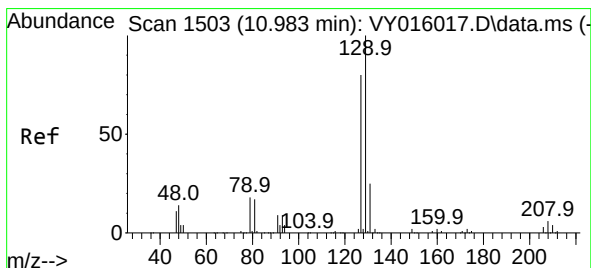
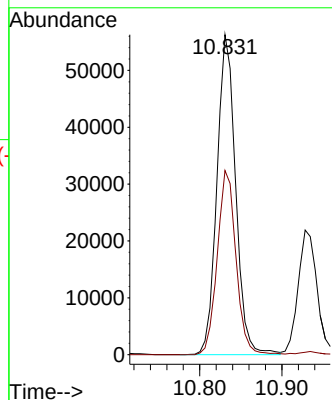
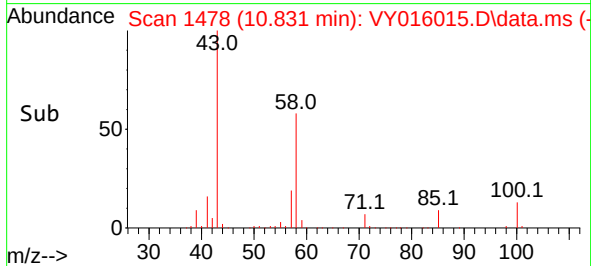
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010



Tgt Ion: 43 Resp: 8905
Ion Ratio Lower Upper
43 100
58 57.7 25.1 75.3

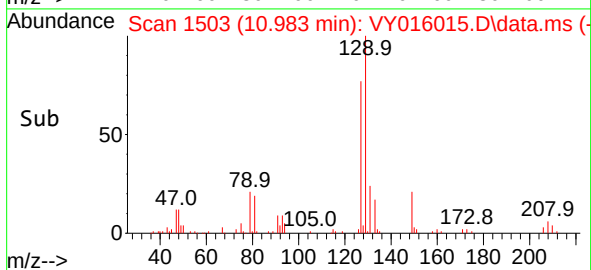
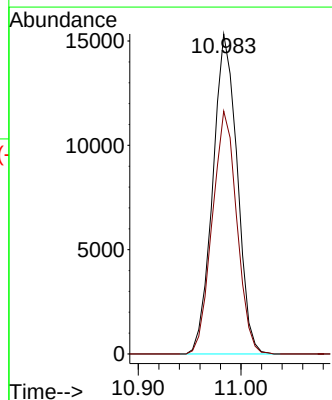
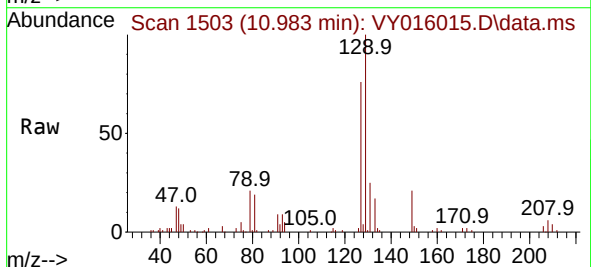
Manual Integrations
APPROVED

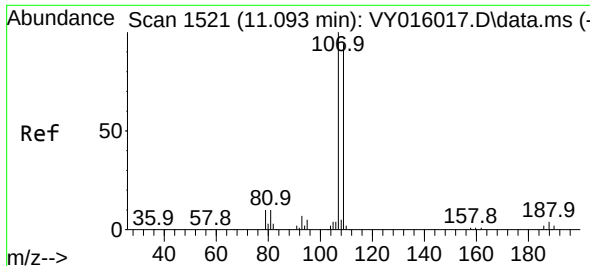
Reviewed By :John Carlone 10/19/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#60
Dibromochloromethane
Concen: 9.863 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. -0.000 min
Lab File: VY016015.D
Acq: 18 Oct 2023 11:54

Tgt Ion:129 Resp: 25266
Ion Ratio Lower Upper
129 100
127 76.1 38.5 115.5





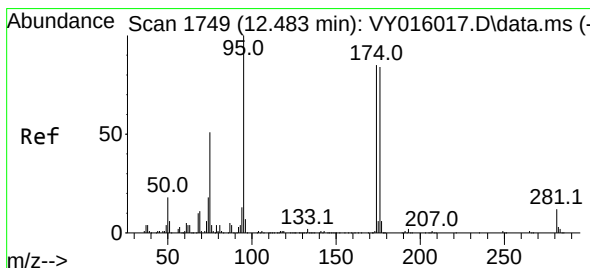
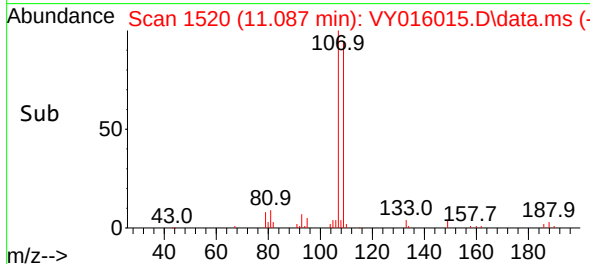
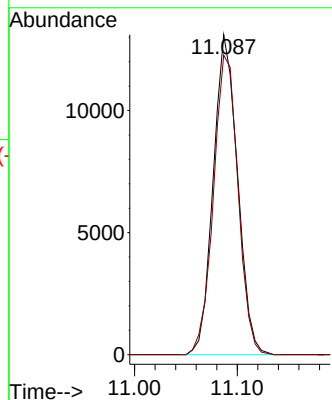
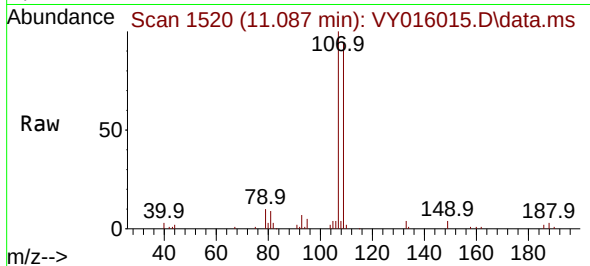
#61
1,2-Dibromoethane
Concen: 9.957 ug/l
RT: 11.087 min Scan# 1107
Delta R.T. -0.006 min
Lab File: VY016015.D
Acq: 18 Oct 2023 11:54

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tgt Ion:107 Resp: 2146
Ion Ratio Lower Upper
107 100
109 95.0 75.6 113.4

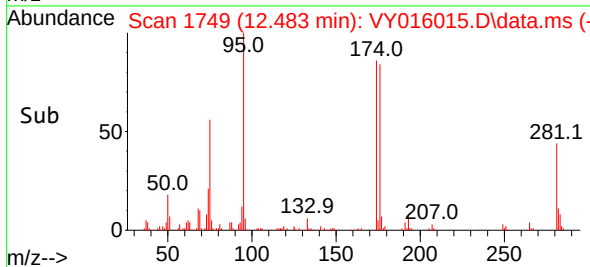
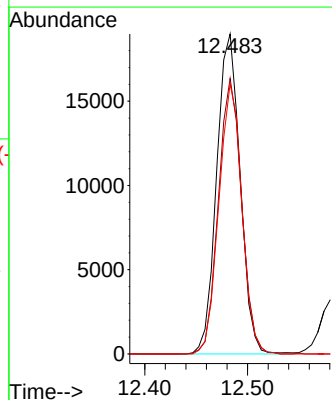
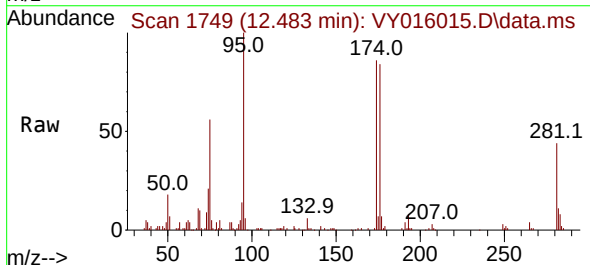
Manual Integrations
APPROVED

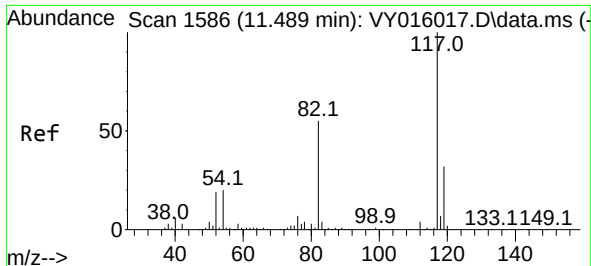
Reviewed By :John Carlone 10/19/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#62
4-Bromofluorobenzene
Concen: 10.600 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY016015.D
Acq: 18 Oct 2023 11:54

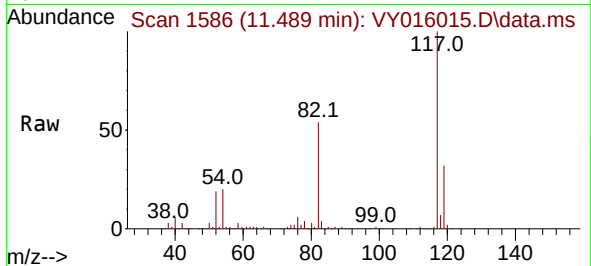
Tgt Ion: 95 Resp: 30062
Ion Ratio Lower Upper
95 100
174 85.0 0.0 178.2
176 83.0 0.0 173.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY016015.D
Acq: 18 Oct 2023 11:54

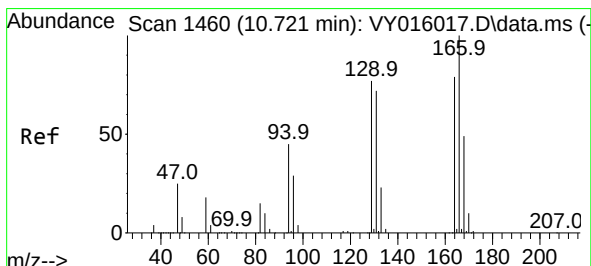
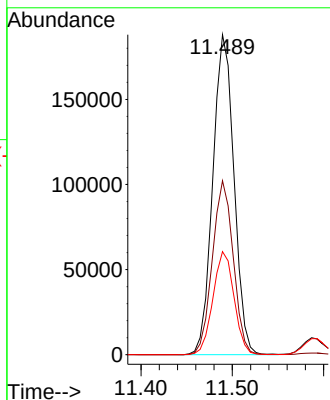
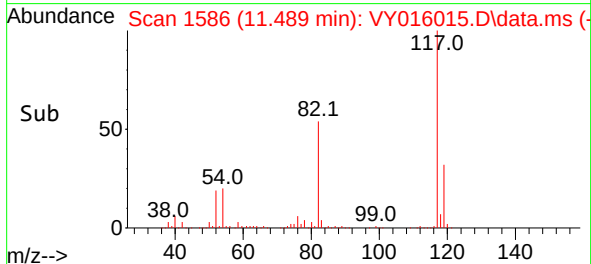
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010



Tgt Ion:117 Resp: 30235
Ion Ratio Lower Upper
117 100
82 54.3 43.4 65.0
119 32.2 26.3 39.5

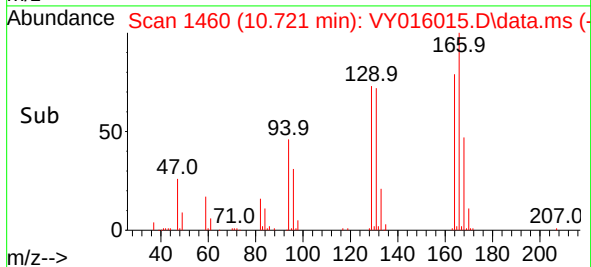
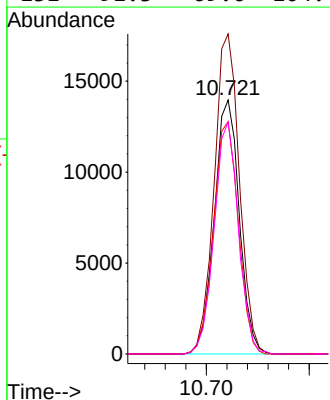
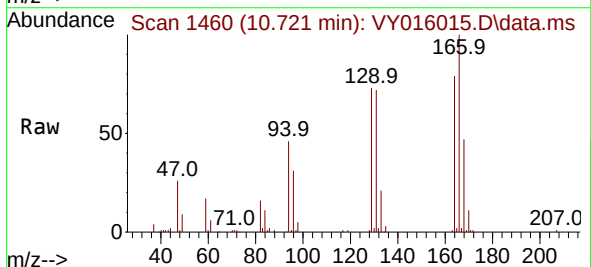
Manual Integrations
APPROVED

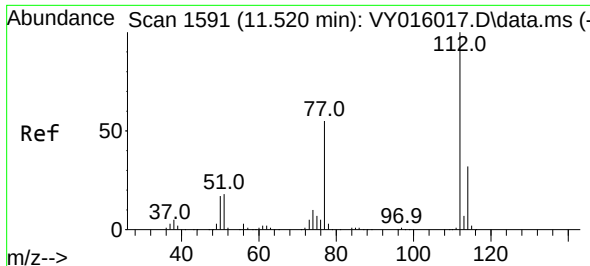
Reviewed By :John Carlone 10/19/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#64
Tetrachloroethene
Concen: 10.066 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. -0.000 min
Lab File: VY016015.D
Acq: 18 Oct 2023 11:54

Tgt Ion:164 Resp: 23601
Ion Ratio Lower Upper
164 100
166 126.0 103.0 154.6
129 91.5 77.2 115.8
131 91.3 69.6 104.4





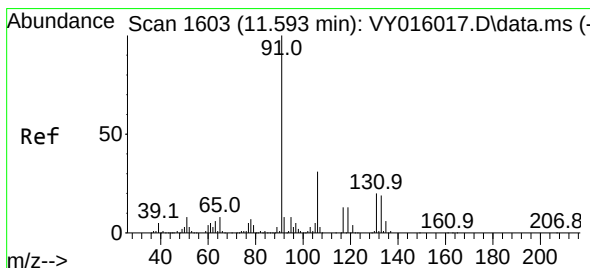
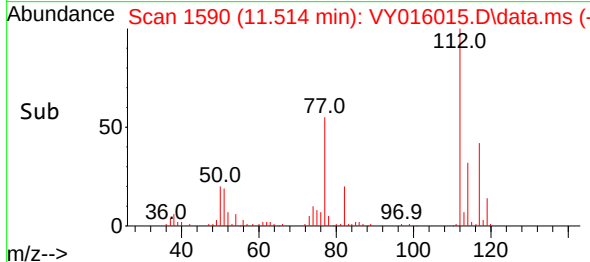
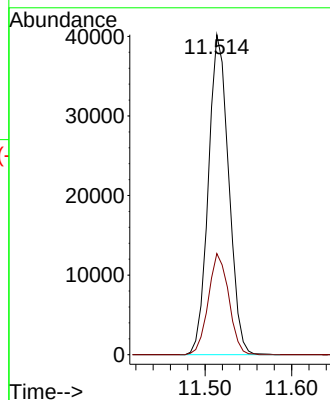
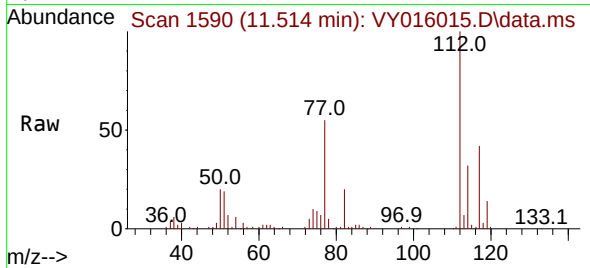
#65
Chlorobenzene
Concen: 10.010 ug/l
RT: 11.514 min Scan# 1159
Delta R.T. -0.006 min
Lab File: VY016015.D
Acq: 18 Oct 2023 11:54

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Tgt Ion:112 Resp: 65540
Ion Ratio Lower Upper
112 100
114 31.6 25.5 38.3

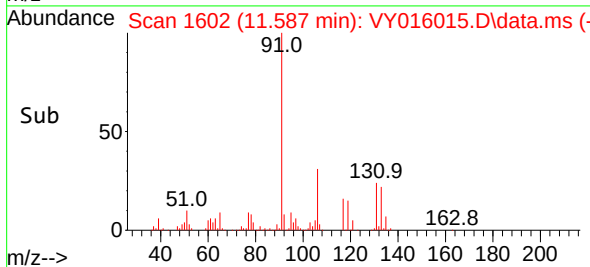
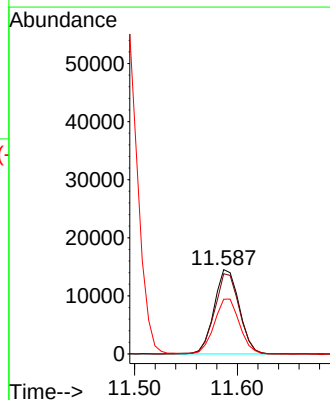
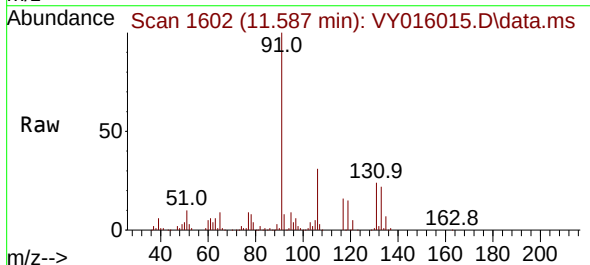
Manual Integrations
APPROVED

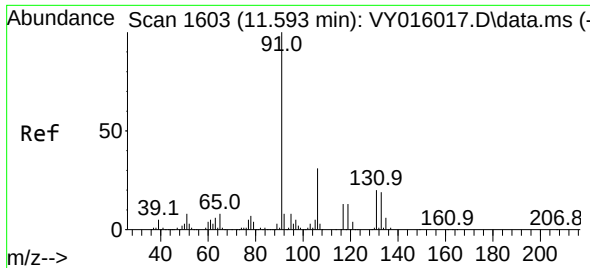
Reviewed By :John Carlone 10/19/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 9.936 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. -0.006 min
Lab File: VY016015.D
Acq: 18 Oct 2023 11:54

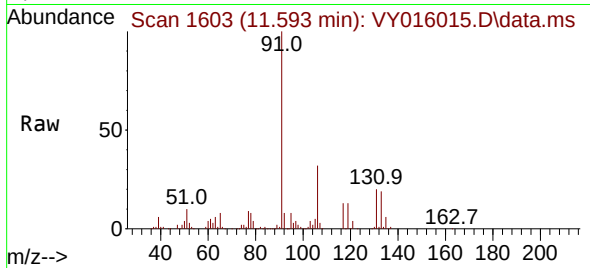
Tgt Ion:131 Resp: 24524
Ion Ratio Lower Upper
131 100
133 95.4 47.5 142.6
119 65.6 31.6 94.7





#67
Ethyl Benzene
Concen: 9.724 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. -0.000 min
Lab File: VY016015.D
Acq: 18 Oct 2023 11:54

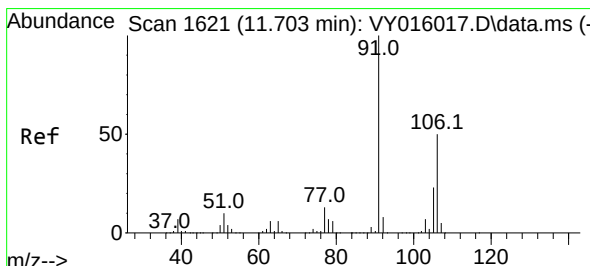
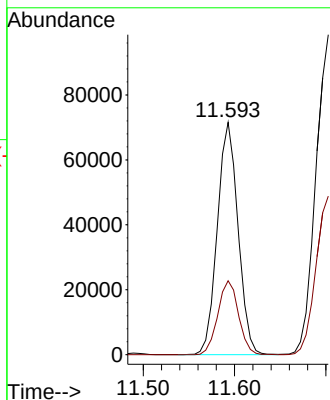
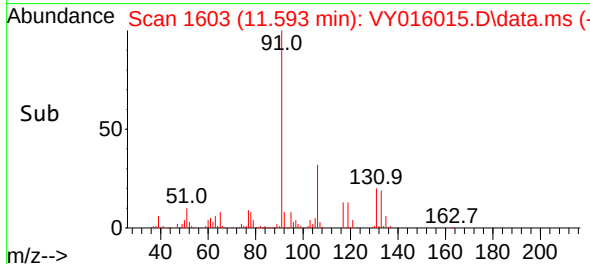
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010



Tgt Ion: 91 Resp: 112679
Ion Ratio Lower Upper
91 100
106 31.8 24.6 36.8

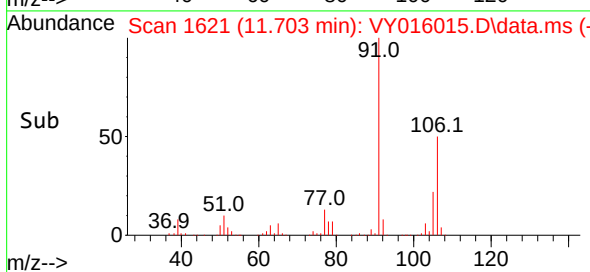
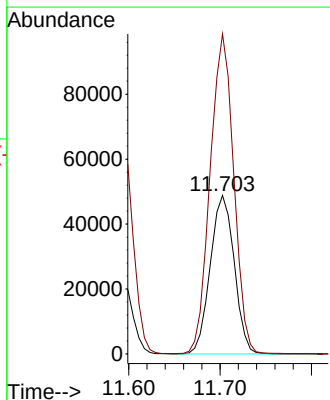
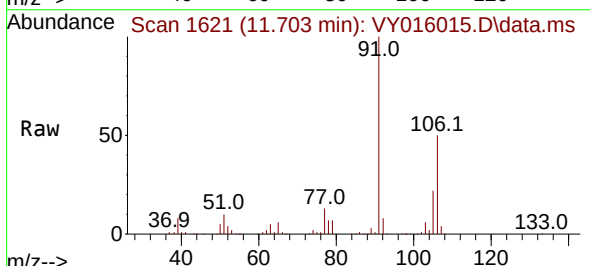
Manual Integrations
APPROVED

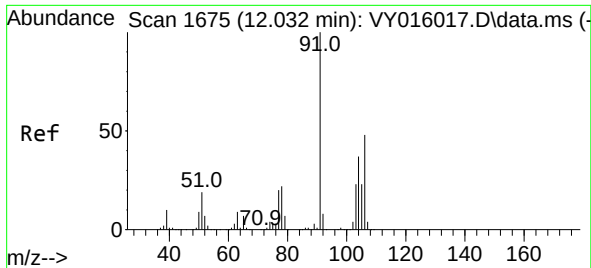
Reviewed By :John Carbone 10/19/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#68
m/p-Xylenes
Concen: 19.674 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VY016015.D
Acq: 18 Oct 2023 11:54

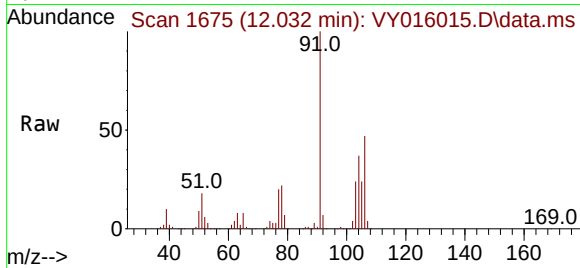
Tgt Ion:106 Resp: 88895
Ion Ratio Lower Upper
106 100
91 199.5 166.1 249.1





#69
o-Xylene
Concen: 9.774 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. -0.000 min
Lab File: VY016015.D
Acq: 18 Oct 2023 11:54

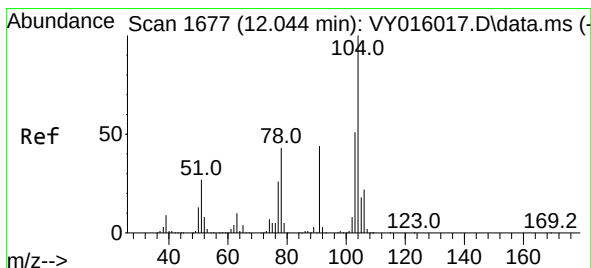
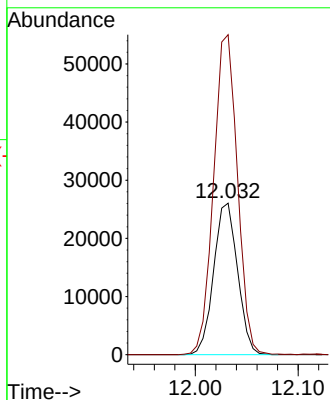
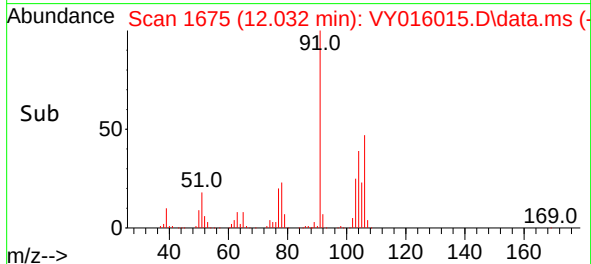
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010



Tgt Ion:106 Resp: 42012
Ion Ratio Lower Upper
106 100
91 210.7 108.1 324.3

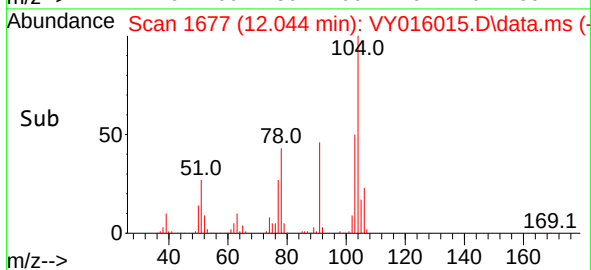
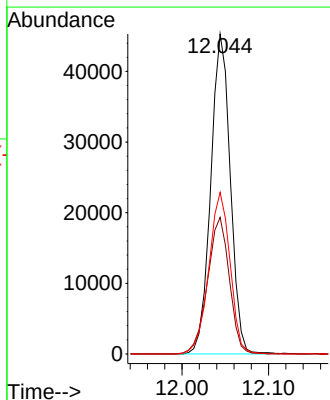
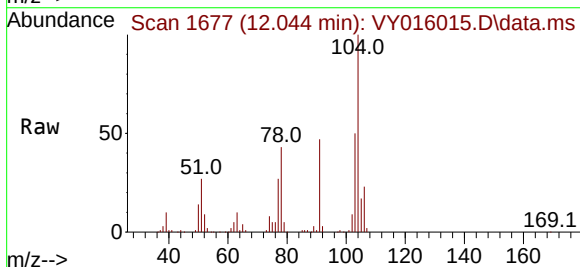
Manual Integrations
APPROVED

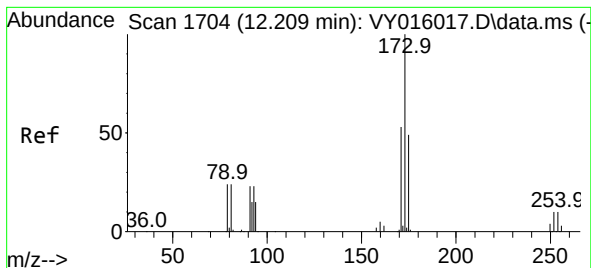
Reviewed By :John Carlone 10/19/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#70
Styrene
Concen: 9.699 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. -0.000 min
Lab File: VY016015.D
Acq: 18 Oct 2023 11:54

Tgt Ion:104 Resp: 71058
Ion Ratio Lower Upper
104 100
78 47.7 41.5 62.3
103 54.8 44.6 67.0





#71

Bromoform

Concen: 9.624 ug/l

RT: 12.209 min Scan# 1704

Delta R.T. -0.000 min

Lab File: VY016015.D

Acq: 18 Oct 2023 11:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC010

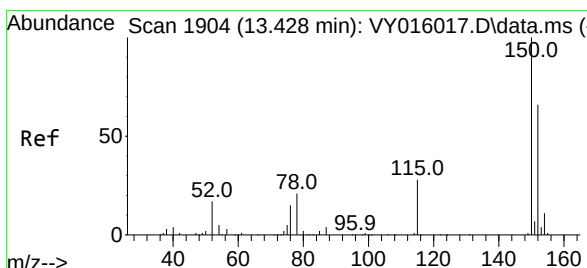
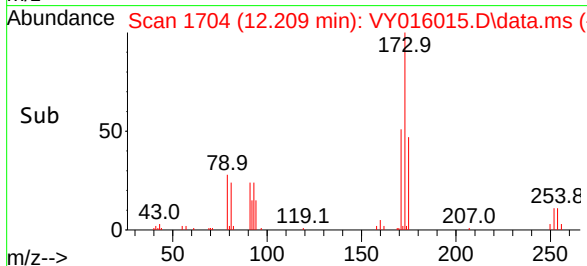
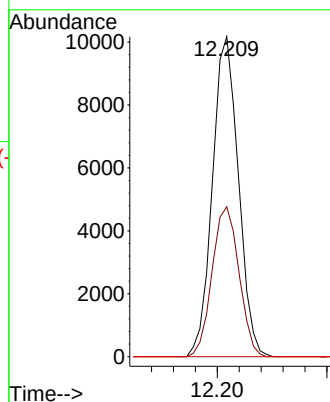
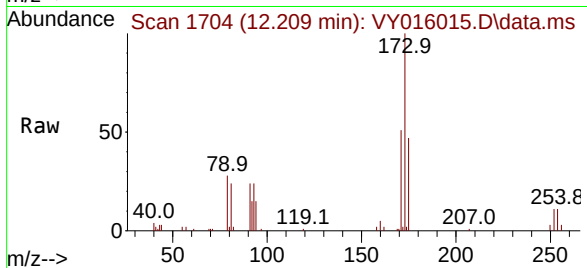
Tgt Ion:	173	Resp:	16714
Ion Ratio	Lower	Upper	
173	100		
175	48.5	24.6	73.8
254	0.0	0.2	0.2

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

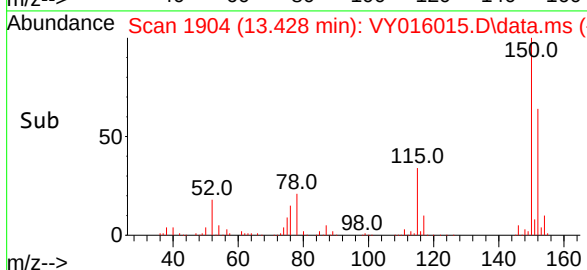
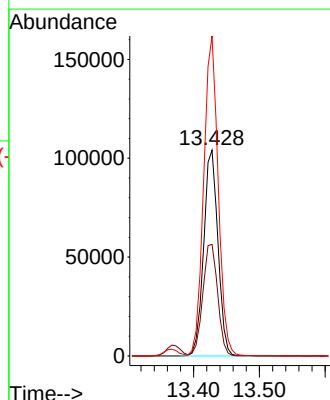
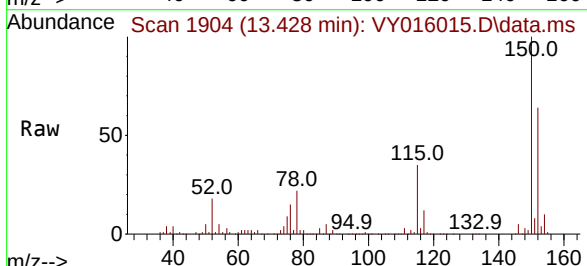
RT: 13.428 min Scan# 1904

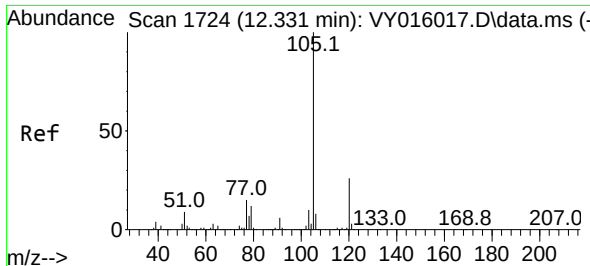
Delta R.T. -0.000 min

Lab File: VY016015.D

Acq: 18 Oct 2023 11:54

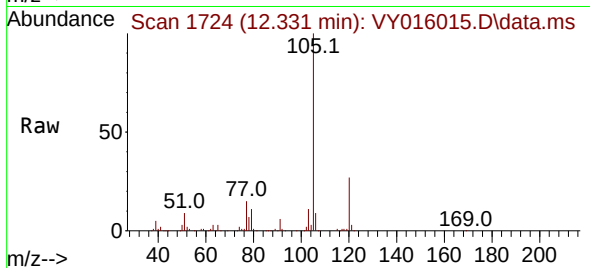
Tgt Ion:	152	Resp:	157163
Ion Ratio	Lower	Upper	
152	100		
115	56.6	28.8	86.5
150	157.7	0.0	348.8





#73
Isopropylbenzene
Concen: 9.585 ug/l
RT: 12.331 min Scan# 112684
Delta R.T. -0.000 min
Lab File: VY016015.D
Acq: 18 Oct 2023 11:54

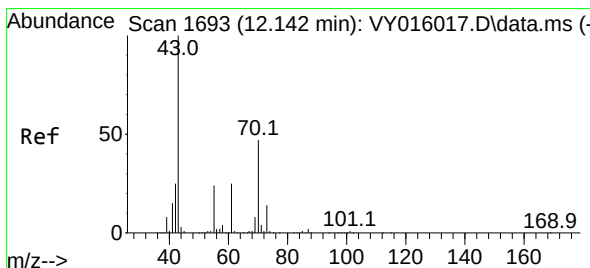
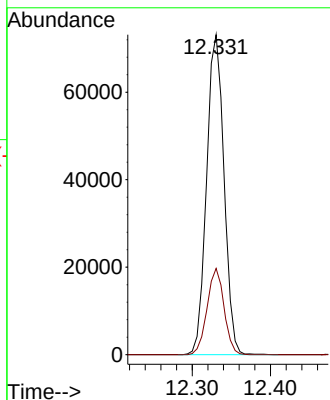
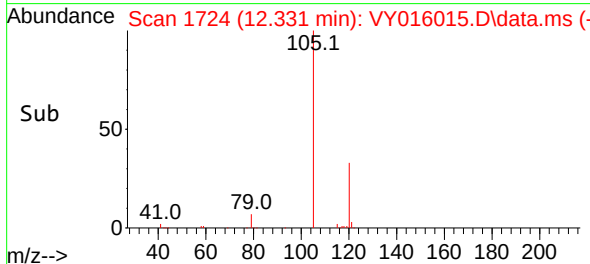
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010



Tgt Ion:105 Resp: 112684
Ion Ratio Lower Upper
105 100
120 26.2 13.3 39.9

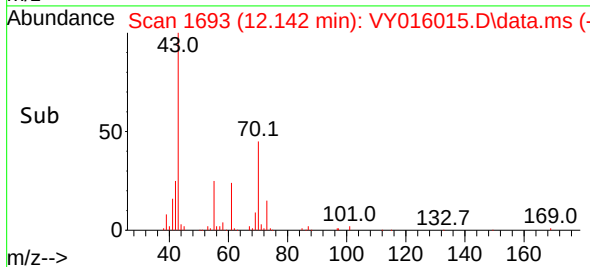
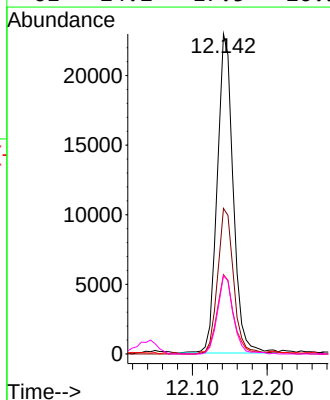
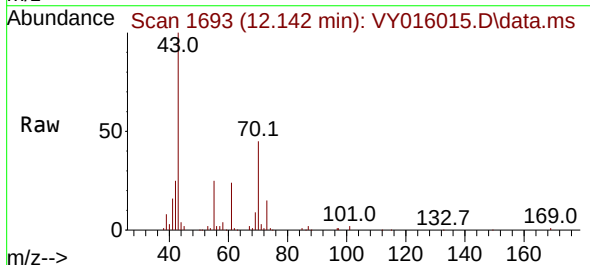
Manual Integrations
APPROVED

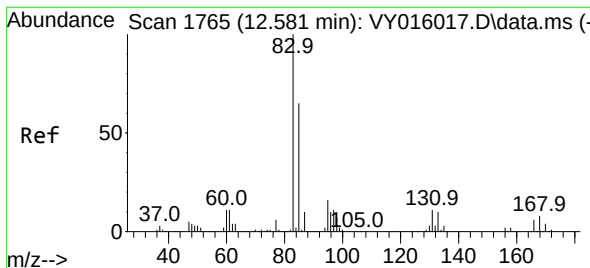
Reviewed By :John Carlone 10/19/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#74
N-ethyl acetate
Concen: 9.206 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VY016015.D
Acq: 18 Oct 2023 11:54

Tgt Ion: 43 Resp: 34185
Ion Ratio Lower Upper
43 100
70 45.7 29.7 44.5#
55 26.0 18.3 27.5
61 24.2 17.5 26.3





#75

1,1,2,2-Tetrachloroethane

Concen: 9.739 ug/l

RT: 12.580 min Scan# 1765

Delta R.T. -0.000 min

Lab File: VY016015.D

Acq: 18 Oct 2023 11:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

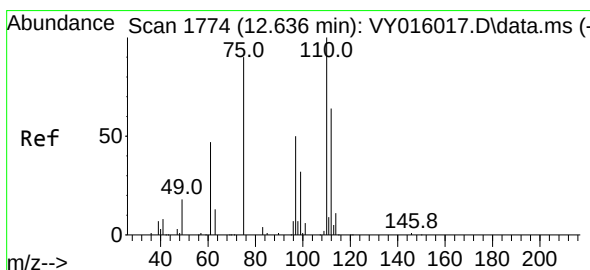
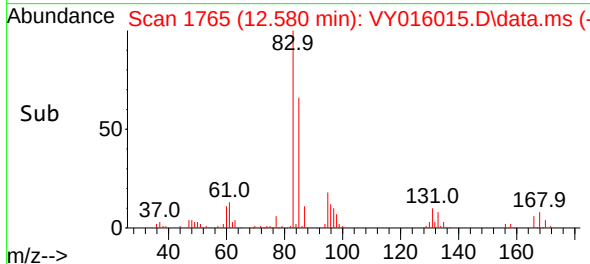
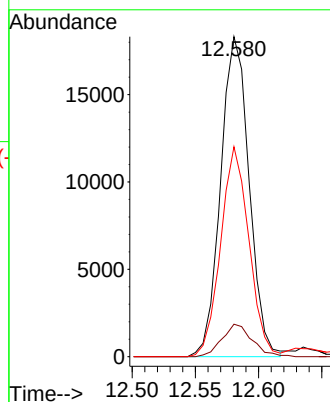
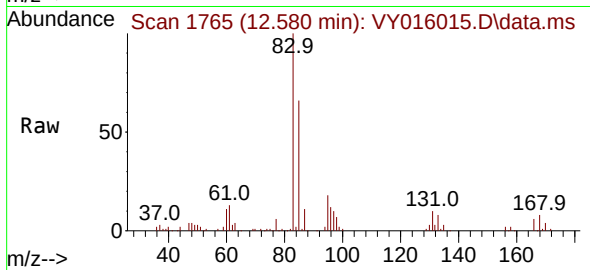
Tgt Ion: 83 Resp: 28678
 Ion Ratio Lower Upper
 83 100
 131 10.7 5.4 16.2
 85 65.1 31.8 95.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/19/2023

Supervised By :Semsettin Yesilyurt 10/20/2023



#76

1,2,3-Trichloropropane

Concen: 9.815 ug/l m

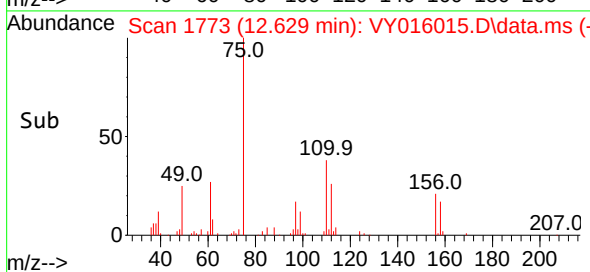
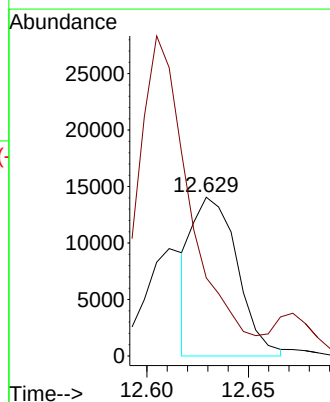
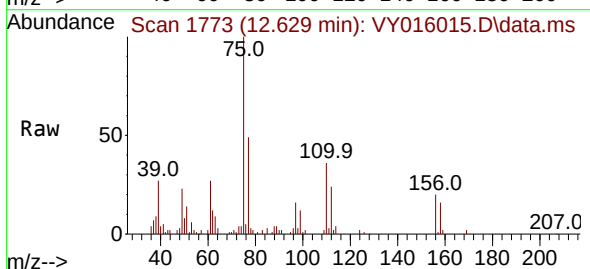
RT: 12.629 min Scan# 1773

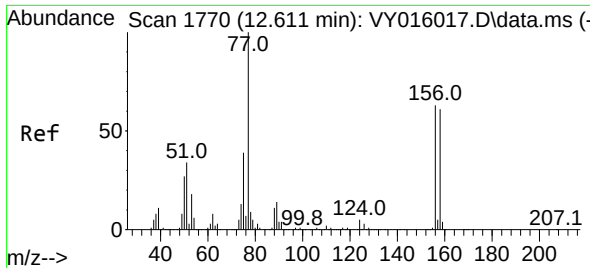
Delta R.T. -0.006 min

Lab File: VY016015.D

Acq: 18 Oct 2023 11:54

Tgt Ion: 75 Resp: 21760
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





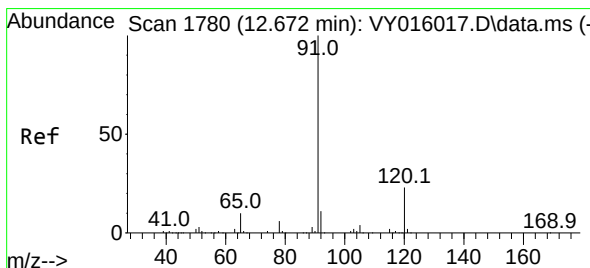
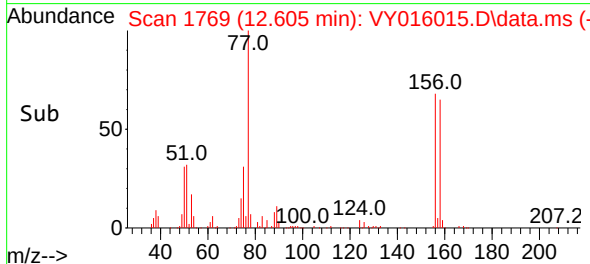
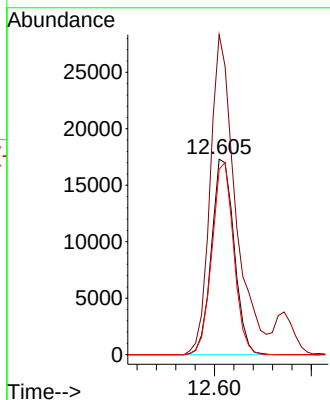
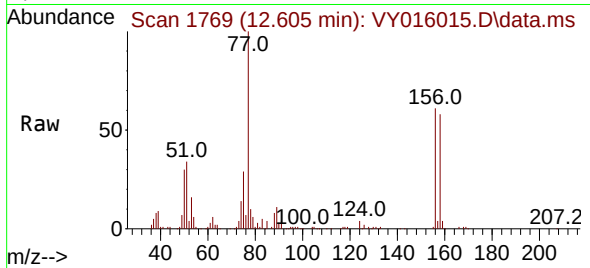
#77
Bromobenzene
Concen: 9.862 ug/l
RT: 12.605 min Scan# 1769
Delta R.T. -0.006 min
Lab File: VY016015.D
Acq: 18 Oct 2023 11:54

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tgt Ion: 156 Resp: 2814
Ion Ratio Lower Upper
156 100
77 181.8 92.8 278.6
158 94.4 48.4 145.3

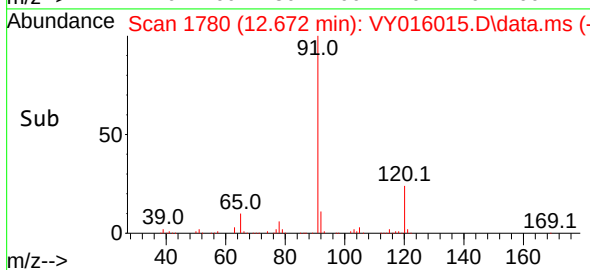
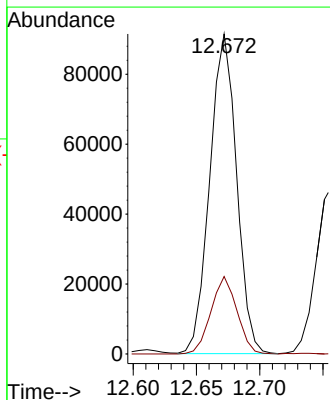
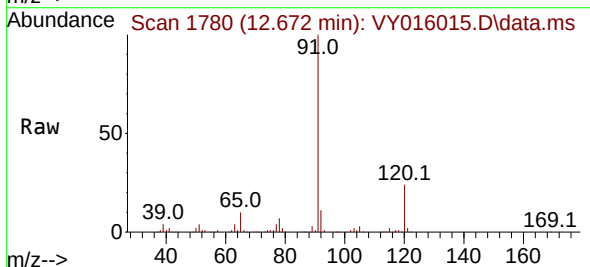
Manual Integrations
APPROVED

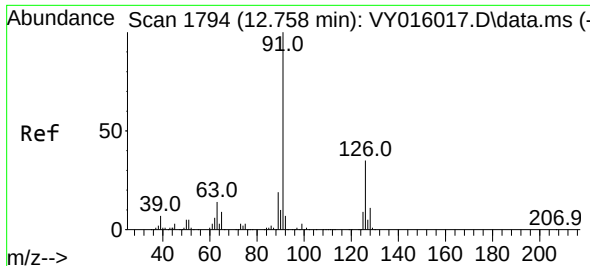
Reviewed By :John Carlone 10/19/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#78
n-propylbenzene
Concen: 9.518 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. -0.000 min
Lab File: VY016015.D
Acq: 18 Oct 2023 11:54

Tgt Ion: 91 Resp: 134774
Ion Ratio Lower Upper
91 100
120 23.4 11.5 34.4





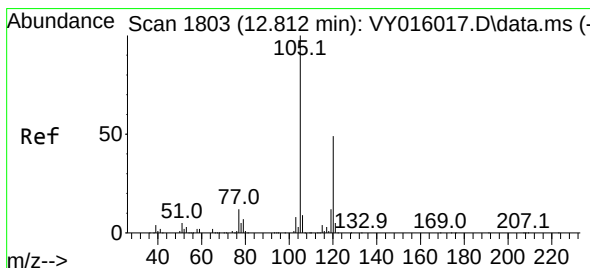
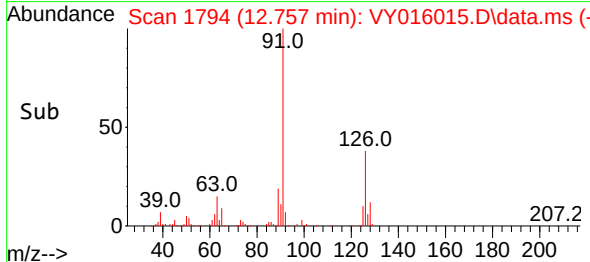
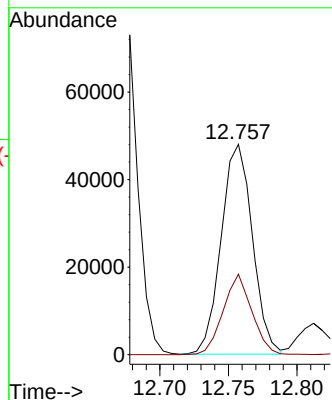
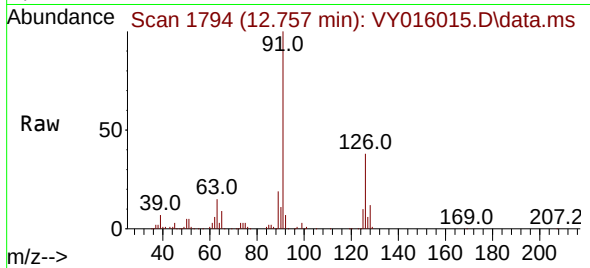
#79
2-Chlorotoluene
Concen: 9.579 ug/l
RT: 12.757 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VY016015.D
Acq: 18 Oct 2023 11:54

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tgt Ion: 91 Resp: 76138
Ion Ratio Lower Upper
91 100
126 35.3 17.3 51.7

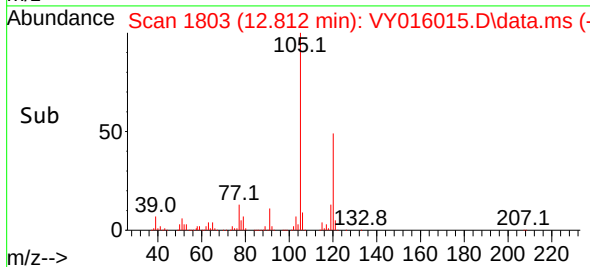
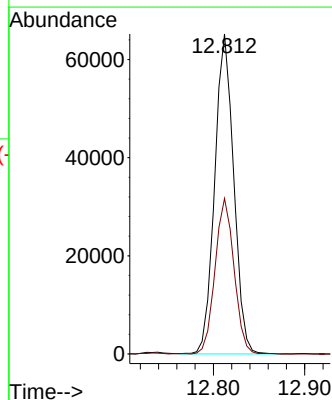
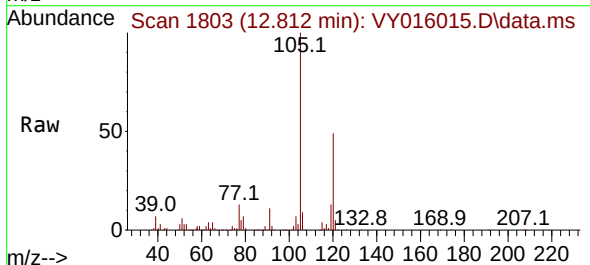
Manual Integrations
APPROVED

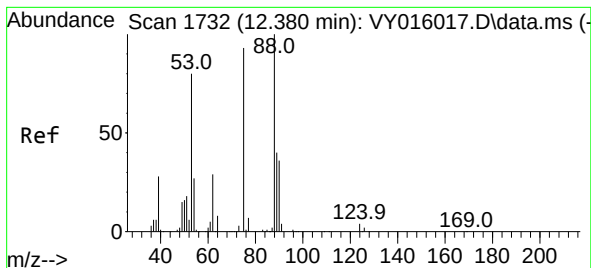
Reviewed By :John Carlone 10/19/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#80
1,3,5-Trimethylbenzene
Concen: 9.685 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. -0.000 min
Lab File: VY016015.D
Acq: 18 Oct 2023 11:54

Tgt Ion:105 Resp: 94306
Ion Ratio Lower Upper
105 100
120 48.6 23.9 71.7





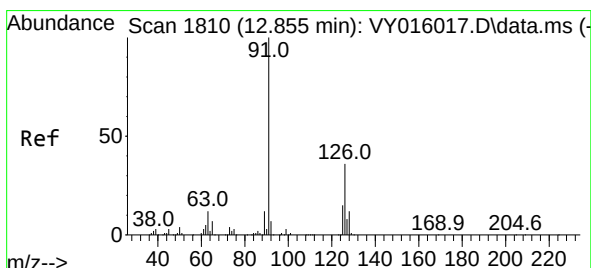
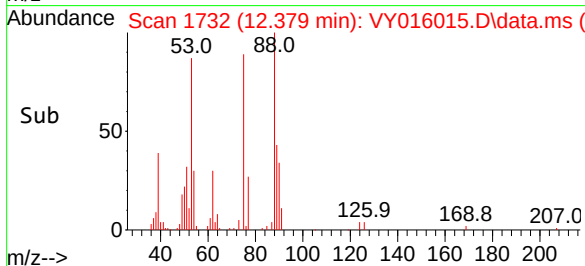
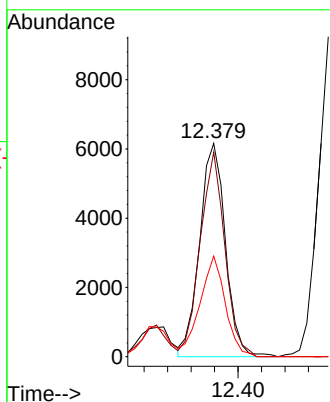
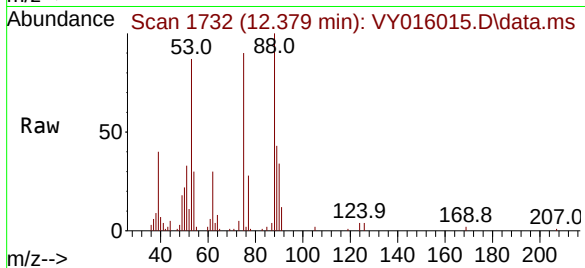
#81
trans-1,4-Dichloro-2-butene
Concen: 9.222 ug/l
RT: 12.379 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VY016015.D
Acq: 18 Oct 2023 11:54

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tgt Ion: 75 Resp: 940
Ion Ratio Lower Upper
75 100
53 91.6 77.8 116.8
89 46.3 37.4 56.0

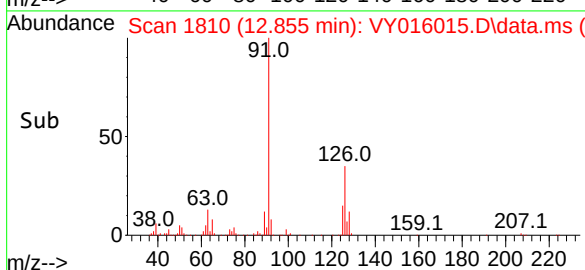
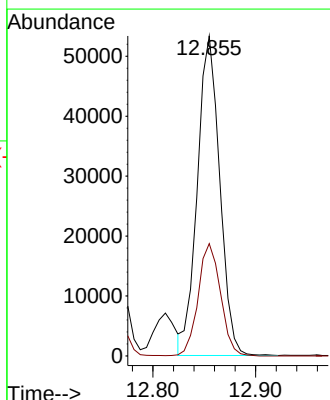
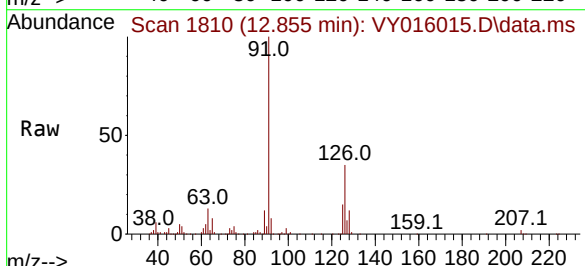
Manual Integrations
APPROVED

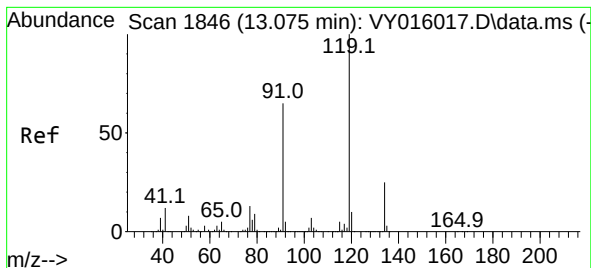
Reviewed By :John Carlone 10/19/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#82
4-Chlorotoluene
Concen: 9.741 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VY016015.D
Acq: 18 Oct 2023 11:54

Tgt Ion: 91 Resp: 80800
Ion Ratio Lower Upper
91 100
126 35.2 17.2 51.6





#83

tert-Butylbenzene

Concen: 9.487 ug/l

RT: 13.074 min Scan# 1846

Delta R.T. -0.000 min

Lab File: VY016015.D

Acq: 18 Oct 2023 11:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC010

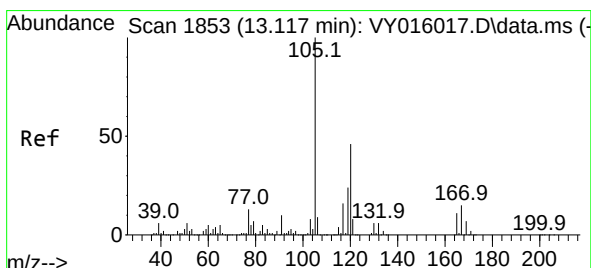
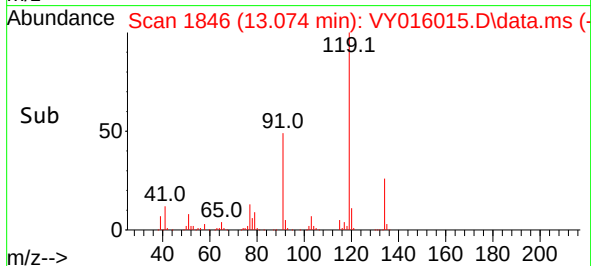
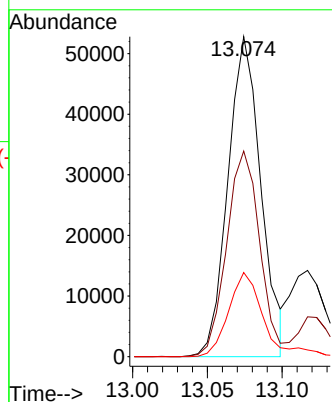
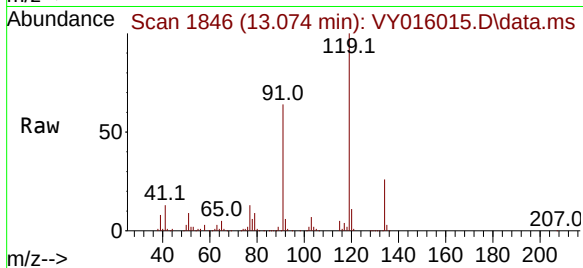
Tgt Ion:	119	Resp:	8100
Ion Ratio	Lower	Upper	
119	100		
91	64.2	32.9	98.6
134	28.0	13.0	38.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/19/2023

Supervised By :Semsettin Yesilyurt 10/20/2023



#84

1,2,4-Trimethylbenzene

Concen: 9.661 ug/l

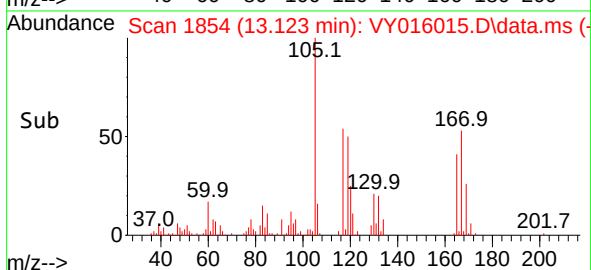
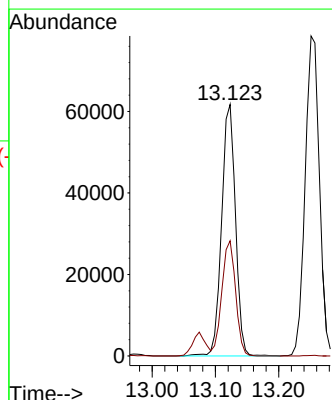
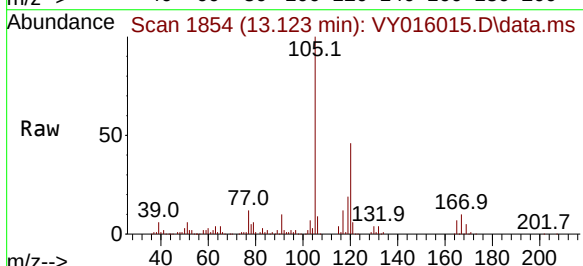
RT: 13.123 min Scan# 1854

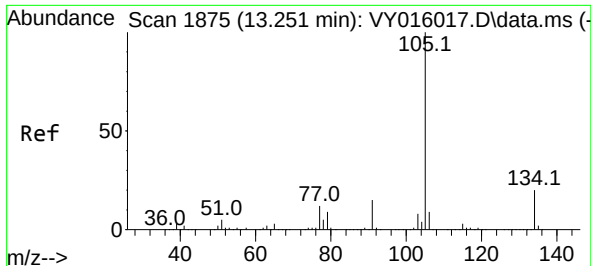
Delta R.T. 0.006 min

Lab File: VY016015.D

Acq: 18 Oct 2023 11:54

Tgt Ion:	105	Resp:	93418
Ion Ratio	Lower	Upper	
105	100		
120	45.5	22.2	66.6





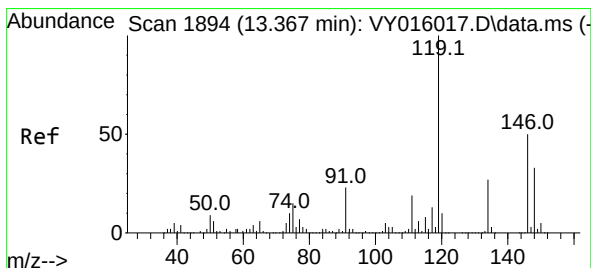
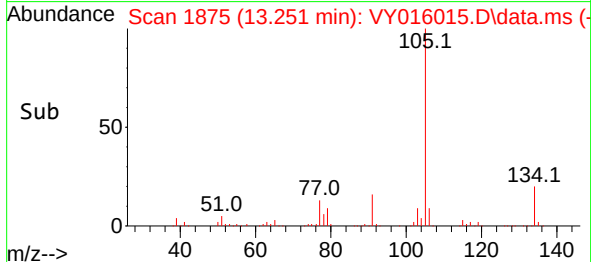
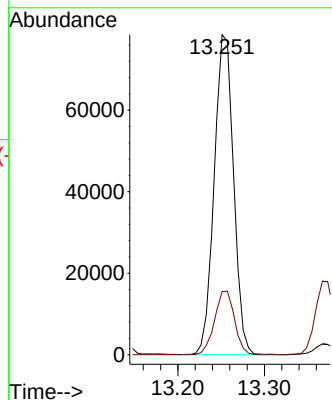
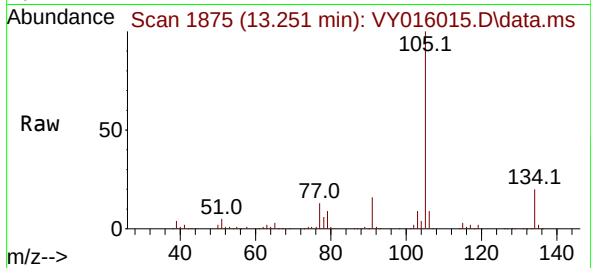
#85
 sec-Butylbenzene
 Concen: 9.576 ug/l
 RT: 13.251 min Scan# 1875
 Delta R.T. -0.000 min
 Lab File: VY016015.D
 Acq: 18 Oct 2023 11:54

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

Tgt Ion:105 Resp: 12212
 Ion Ratio Lower Upper
 105 100
 134 20.4 10.2 30.6

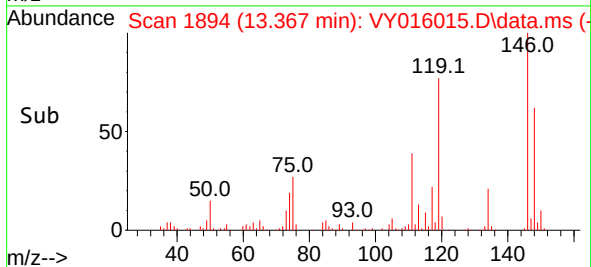
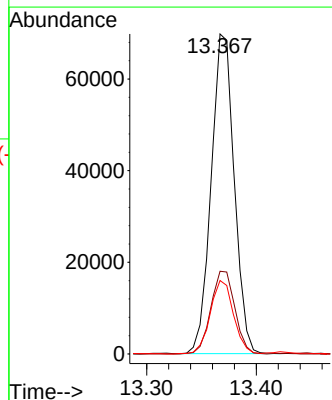
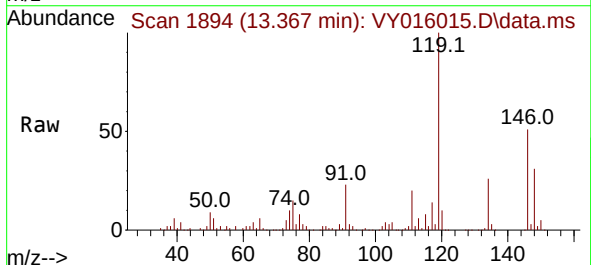
Manual Integrations
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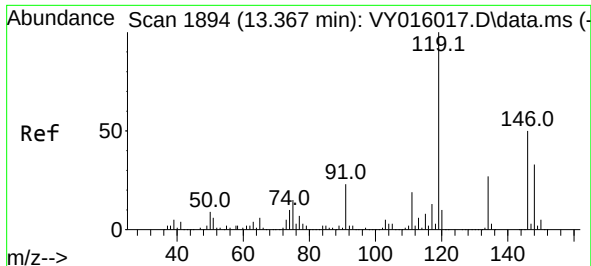
Reviewed By :John Carlone 10/19/2023
 Supervised By :Semsettin Yesilyurt 10/20/2023



#86
 p-Isopropyltoluene
 Concen: 9.571 ug/l
 RT: 13.367 min Scan# 1894
 Delta R.T. -0.000 min
 Lab File: VY016015.D
 Acq: 18 Oct 2023 11:54

Tgt Ion:119 Resp: 102000
 Ion Ratio Lower Upper
 119 100
 134 26.9 13.3 39.8
 91 23.2 12.4 37.4





#87

1,3-Dichlorobenzene

Concen: 9.683 ug/l

RT: 13.367 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY016015.D

Acq: 18 Oct 2023 11:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC010

Tgt Ion:146 Resp: 5376

Ion Ratio Lower Upper

146 100

111 40.0 19.4 58.2

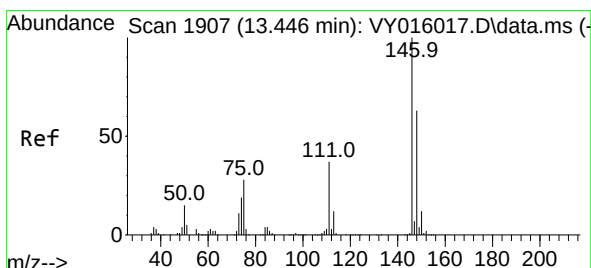
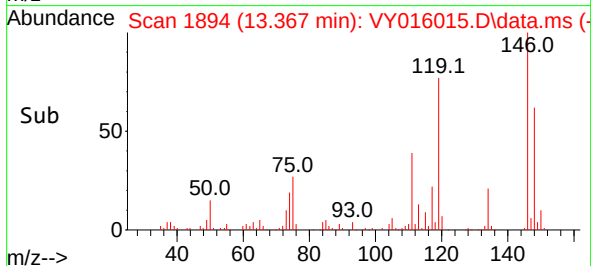
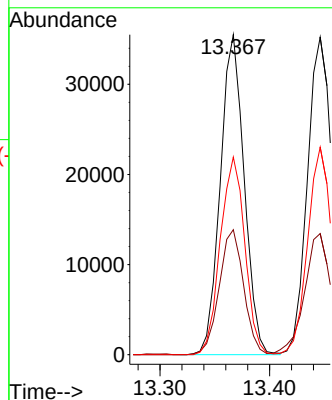
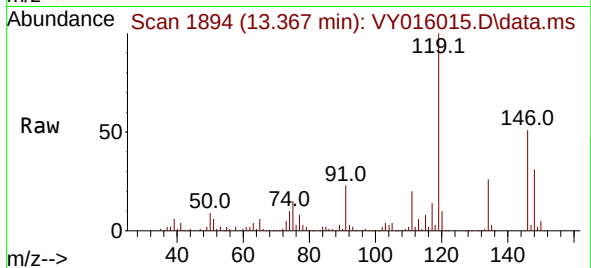
148 63.3 31.9 95.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/19/2023

Supervised By :Semsettin Yesilyurt 10/20/2023



#88

1,4-Dichlorobenzene

Concen: 9.936 ug/l

RT: 13.446 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VY016015.D

Acq: 18 Oct 2023 11:54

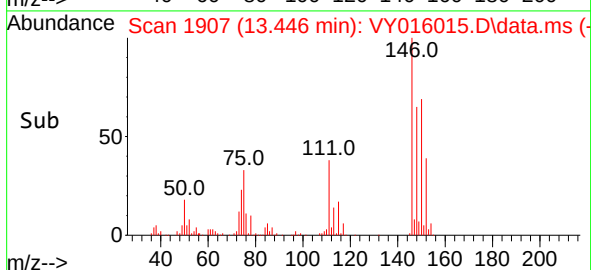
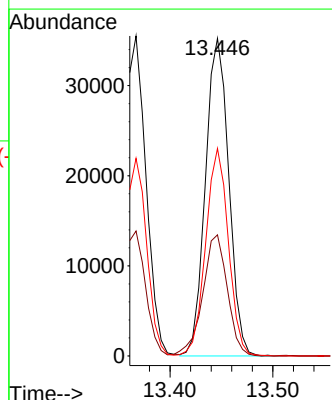
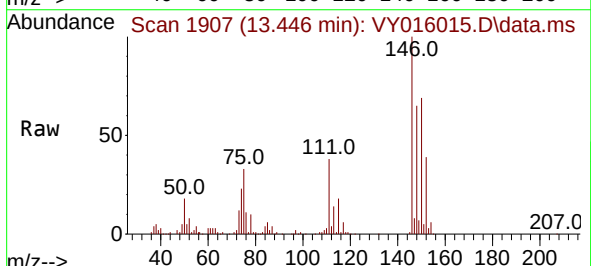
Tgt Ion:146 Resp: 55542

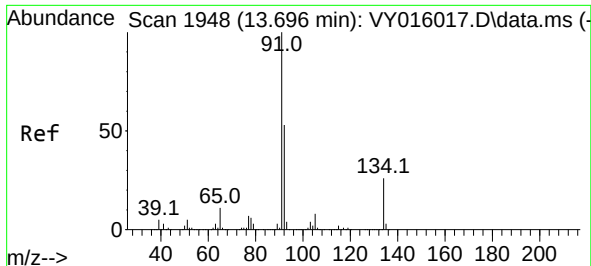
Ion Ratio Lower Upper

146 100

111 40.4 18.9 56.7

148 63.8 32.1 96.5





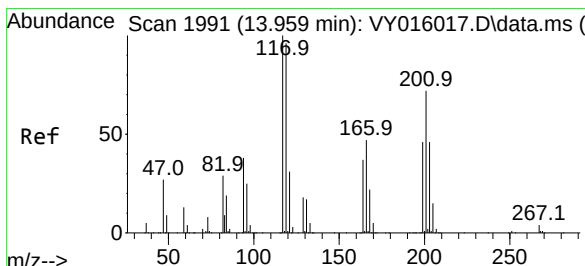
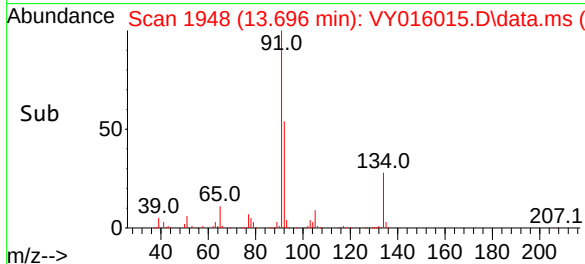
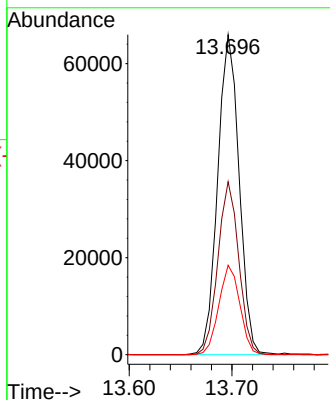
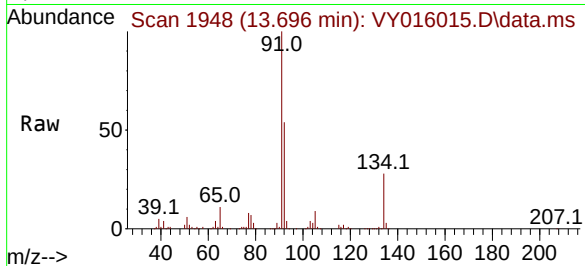
#89
n-Butylbenzene
Concen: 9.618 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. -0.000 min
Lab File: VY016015.D
Acq: 18 Oct 2023 11:54

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tgt Ion: 91 Resp: 95418
Ion Ratio Lower Upper
91 100
92 52.7 25.4 76.0
134 27.4 12.6 37.6

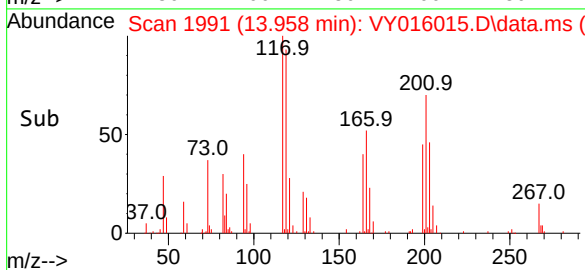
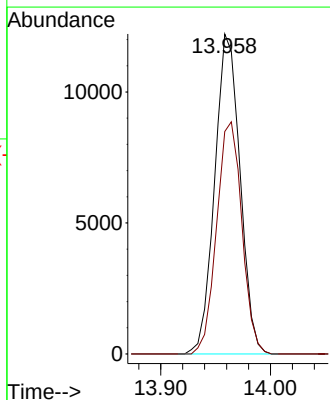
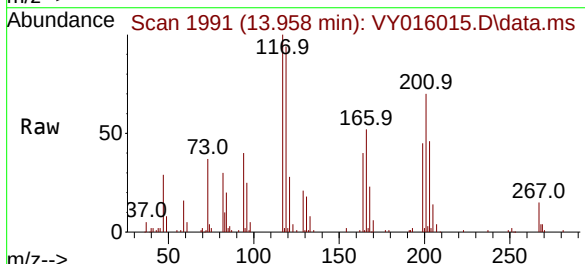
Manual Integrations
APPROVED

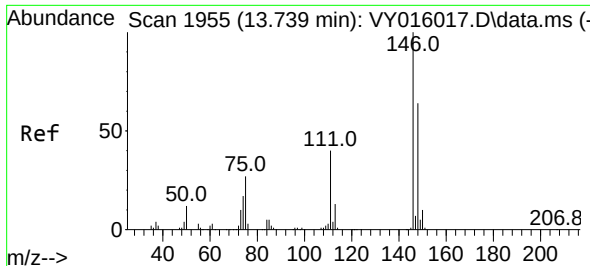
Reviewed By :John Carlone 10/19/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#90
Hexachloroethane
Concen: 9.659 ug/l
RT: 13.958 min Scan# 1991
Delta R.T. -0.000 min
Lab File: VY016015.D
Acq: 18 Oct 2023 11:54

Tgt Ion:117 Resp: 19623
Ion Ratio Lower Upper
117 100
201 72.3 41.6 124.8





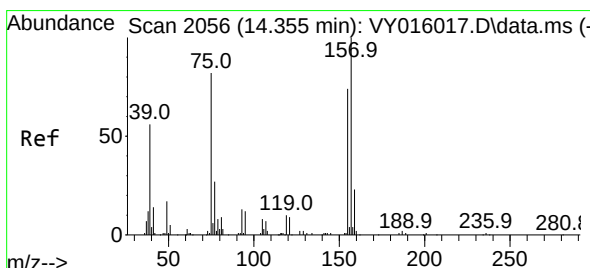
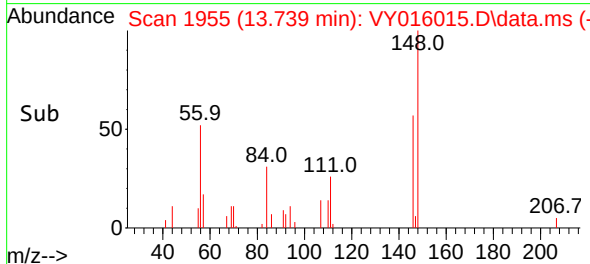
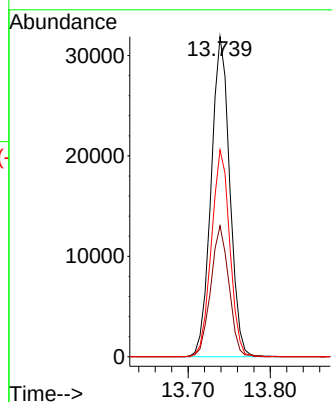
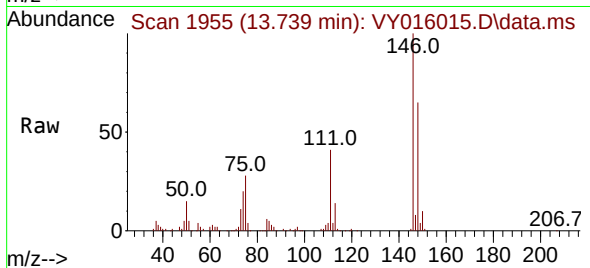
#91
1,2-Dichlorobenzene
Concen: 9.833 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. -0.000 min
Lab File: VY016015.D
Acq: 18 Oct 2023 11:54

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tgt Ion:146 Resp: 5012
Ion Ratio Lower Upper
146 100
111 39.8 19.7 59.0
148 63.6 32.0 96.2

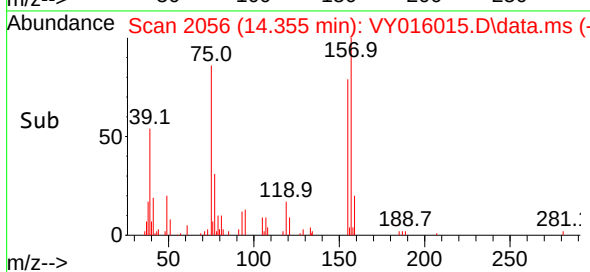
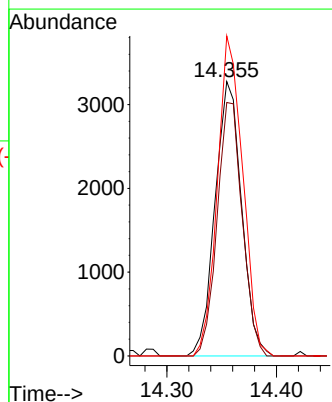
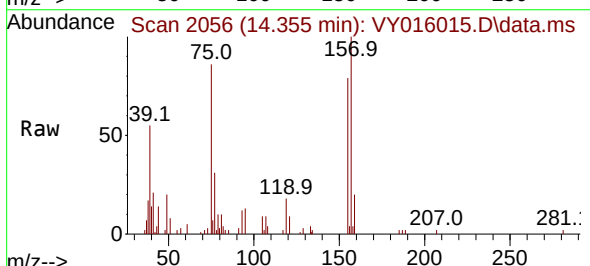
Manual Integrations
APPROVED

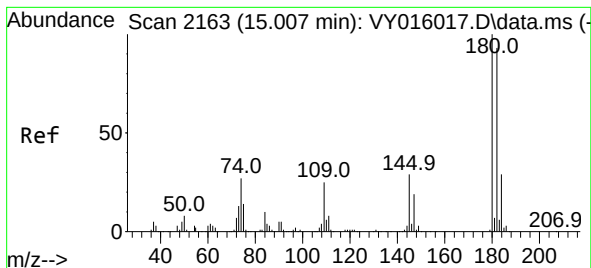
Reviewed By :John Carlone 10/19/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 9.805 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. -0.000 min
Lab File: VY016015.D
Acq: 18 Oct 2023 11:54

Tgt Ion: 75 Resp: 5496
Ion Ratio Lower Upper
75 100
155 87.6 41.5 124.6
157 111.4 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 9.901 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. -0.000 min

Lab File: VY016015.D

Acq: 18 Oct 2023 11:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

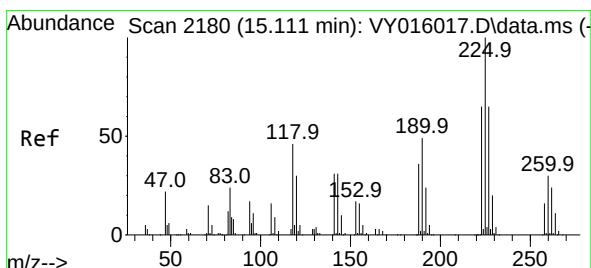
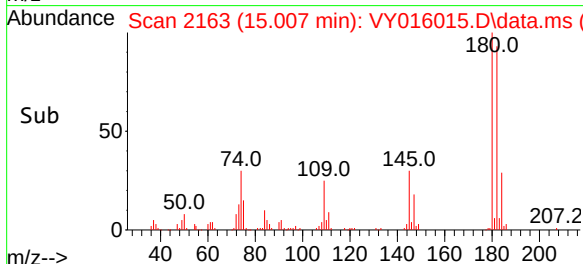
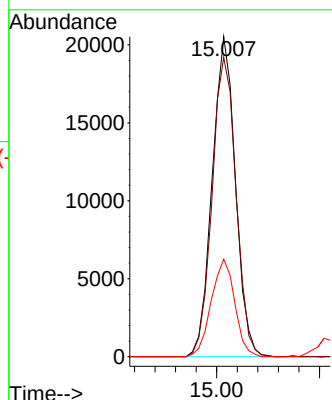
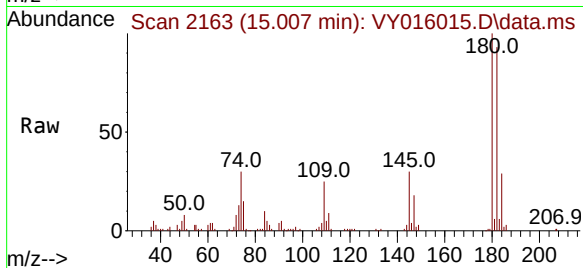
Tgt Ion:180	Resp:	3215
Ion Ratio	Lower	Upper
180	100	
182	96.0	47.0 141.2
145	30.8	14.5 43.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/19/2023

Supervised By :Semsettin Yesilyurt 10/20/2023



#94

Hexachlorobutadiene

Concen: 10.303 ug/l

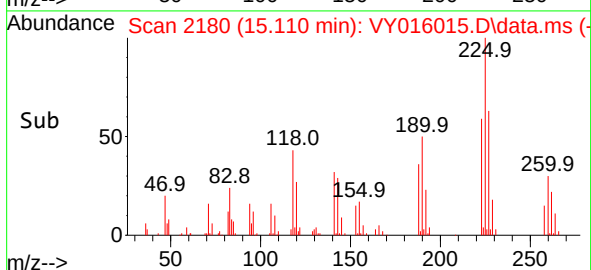
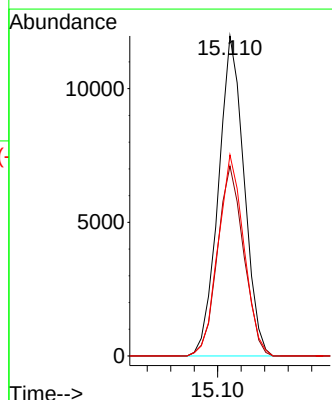
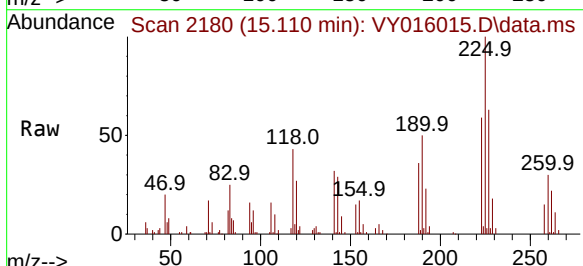
RT: 15.110 min Scan# 2180

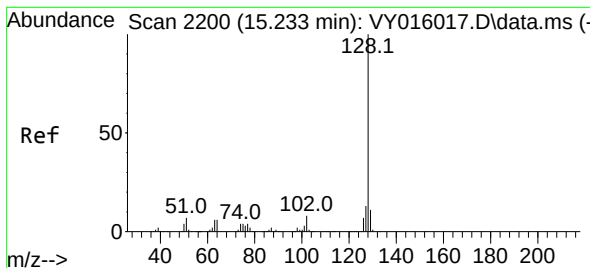
Delta R.T. -0.000 min

Lab File: VY016015.D

Acq: 18 Oct 2023 11:54

Tgt Ion:225	Resp:	18172
Ion Ratio	Lower	Upper
225	100	
223	60.7	31.9 95.9
227	63.3	33.0 98.9





#95

Naphthalene

Concen: 9.535 ug/l

RT: 15.239 min Scan# 2200

Delta R.T. 0.006 min

Lab File: VY016015.D

Acq: 18 Oct 2023 11:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

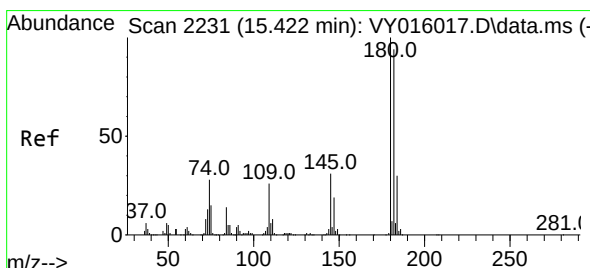
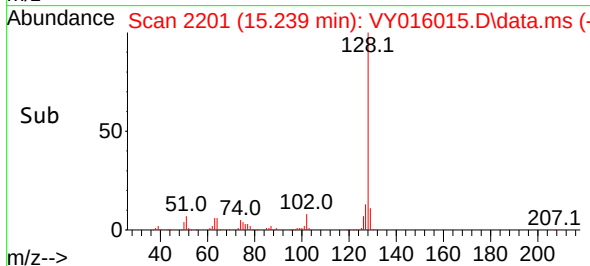
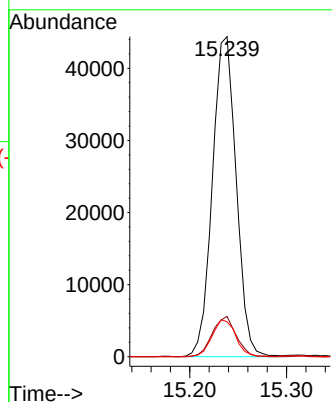
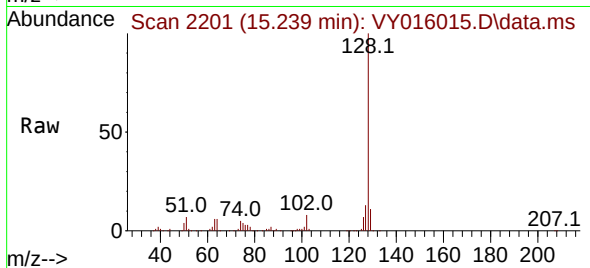
Tgt Ion:	128	Resp:	7599
Ion Ratio	Lower	Upper	
128	100		
127	12.5	10.8	16.2
129	11.5	8.6	13.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/19/2023

Supervised By :Semsettin Yesilyurt 10/20/2023



#96

1,2,3-Trichlorobenzene

Concen: 10.007 ug/l

RT: 15.428 min Scan# 2232

Delta R.T. 0.006 min

Lab File: VY016015.D

Acq: 18 Oct 2023 11:54

Tgt Ion:	180	Resp:	29683
Ion Ratio	Lower	Upper	
180	100		
182	92.8	47.3	141.8
145	32.5	15.4	46.2

