

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101723\
 Data File : VY015999.D
 Acq On : 17 Oct 2023 12:46
 Operator : SY/MD
 Sample : VY1017SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1017SBS02

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/18/2023
 Supervised By : Semsettin Yesilyurt 10/20/2023

Quant Time: Oct 18 09:48:34 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y101223S.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 13 13:13:02 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	195411	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	315711	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	290998	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	151569	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	105858	47.466	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	94.940%		
35) Dibromofluoromethane	7.716	113	94638	47.615	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	95.220%		
50) Toluene-d8	10.185	98	374192	50.272	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	100.540%		
62) 4-Bromofluorobenzene	12.489	95	130327	49.172	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	98.340%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	27743	16.967	ug/l	96
3) Chloromethane	2.113	50	45094	14.540	ug/l	98
4) Vinyl Chloride	2.253	62	38774	18.538	ug/l	99
5) Bromomethane	2.656	94	24621	20.811	ug/l	96
6) Chloroethane	2.796	64	19142	14.161	ug/l	96
7) Trichlorofluoromethane	3.119	101	72605	20.465	ug/l	98
8) Diethyl Ether	3.527	74	25393	19.151	ug/l	77
9) 1,1,2-Trichlorotrifluo...	3.881	101	41400	20.523	ug/l	96
10) Methyl Iodide	4.076	142	44563	19.211	ug/l	99
11) Tert butyl alcohol	5.210	59	140581m	108.649	ug/l	
12) 1,1-Dichloroethene	3.850	96	39342	20.702	ug/l	93
13) Acrolein	3.741	56	59257	140.685	ug/l	100
14) Allyl chloride	4.466	41	67268	21.905	ug/l	91
15) Acrylonitrile	5.198	53	167219	143.158	ug/l	93
16) Acetone	4.009	43	181571	140.156	ug/l	93
17) Carbon Disulfide	4.174	76	112274	19.329	ug/l	98
18) Methyl Acetate	4.503	43	105091	23.387	ug/l	93
19) Methyl tert-butyl Ether	5.234	73	131332	20.615	ug/l	99
20) Methylene Chloride	4.710	84	55866	20.103	ug/l	93
21) trans-1,2-Dichloroethene	5.204	96	44761	20.151	ug/l	94
22) Diisopropyl ether	6.137	45	134137	21.035	ug/l	93
23) Vinyl Acetate	6.070	43	422884	100.803	ug/l	96
24) 1,1-Dichloroethane	6.003	63	79296	20.900	ug/l	96
25) 2-Butanone	7.033	43	202887	107.605	ug/l	97
26) 2,2-Dichloropropane	6.972	77	51321	16.289	ug/l	95
27) cis-1,2-Dichloroethene	6.978	96	46657	18.680	ug/l	91
28) Bromochloromethane	7.332	49	35091	20.725	ug/l	95
29) Tetrahydrofuran	7.386	42	161391	124.871	ug/l	93
30) Chloroform	7.502	83	76220	19.355	ug/l	96
31) Cyclohexane	7.777	56	64103	18.056	ug/l	88
32) 1,1,1-Trichloroethane	7.697	97	66246	18.914	ug/l	98
36) 1,1-Dichloropropene	7.917	75	57987	19.335	ug/l	100
37) Ethyl Acetate	7.094	43	87794m	18.973	ug/l	
38) Carbon Tetrachloride	7.892	117	59163	18.732	ug/l	98
39) Methylcyclohexane	9.185	83	66855	17.375	ug/l	93
40) Benzene	8.161	78	165086	19.025	ug/l	100

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 ClientSampleId :
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Quant Time: Oct 18 09:48:34 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y101223S.M
 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.325	41	32318	21.182	ug/l #	86
42) 1,2-Dichloroethane	8.240	62	52857	18.984	ug/l	94
43) Isopropyl Acetate	8.289	43	106868	21.497	ug/l #	87
44) Trichloroethene	8.941	130	55818	20.874	ug/l	99
45) 1,2-Dichloropropane	9.221	63	43037	19.437	ug/l	99
46) Dibromomethane	9.307	93	29178	18.748	ug/l	96
47) Bromodichloromethane	9.502	83	58815	18.714	ug/l	97
48) Methyl methacrylate	9.307	41	41918	19.090	ug/l	88
49) 1,4-Dioxane	9.380	88	10060	231.779	ug/l #	1
51) 4-Methyl-2-Pentanone	10.087	43	422365	115.287	ug/l	90
52) Toluene	10.246	92	106814	19.253	ug/l	94
53) t-1,3-Dichloropropene	10.471	75	63684	18.073	ug/l	98
54) cis-1,3-Dichloropropene	9.935	75	68194	18.003	ug/l #	86
55) 1,1,2-Trichloroethane	10.648	97	44370	20.024	ug/l	96
56) Ethyl methacrylate	10.520	69	65003	18.739	ug/l #	86
57) 1,3-Dichloropropane	10.794	76	72219	19.212	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.788	63	177802	116.805	ug/l	95
59) 2-Hexanone	10.849	43	376592	120.422	ug/l	87
60) Dibromochloromethane	10.989	129	48974	19.435	ug/l	100
61) 1,2-Dibromoethane	11.093	107	47386	19.764	ug/l	99
64) Tetrachloroethene	10.721	164	56464	22.259	ug/l	96
65) Chlorobenzene	11.520	112	115775	18.988	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.599	131	43780	19.397	ug/l	98
67) Ethyl Benzene	11.599	91	201919	18.940	ug/l	100
68) m/p-Xylenes	11.709	106	158475	38.518	ug/l	95
69) o-Xylene	12.038	106	74195	18.862	ug/l	98
70) Styrene	12.050	104	131261	19.608	ug/l	95
71) Bromoform	12.215	173	37432	19.475	ug/l #	100
73) Isopropylbenzene	12.337	105	197512	18.408	ug/l	100
74) N-amyl acetate	12.154	43	81801	18.871	ug/l #	90
75) 1,1,2,2-Tetrachloroethane	12.587	83	53274	16.165	ug/l	98
76) 1,2,3-Trichloropropane	12.642	75	62781m	21.165	ug/l	
77) Bromobenzene	12.617	156	51004	18.935	ug/l	91
78) n-propylbenzene	12.678	91	244715	18.755	ug/l	99
79) 2-Chlorotoluene	12.764	91	137403	18.618	ug/l	99
80) 1,3,5-Trimethylbenzene	12.818	105	167029	18.737	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.386	75	23306	18.509	ug/l	94
82) 4-Chlorotoluene	12.861	91	144096	18.998	ug/l	98
83) tert-Butylbenzene	13.081	119	140021	17.876	ug/l	99
84) 1,2,4-Trimethylbenzene	13.129	105	167351	18.702	ug/l	98
85) sec-Butylbenzene	13.257	105	217438	18.704	ug/l	100
86) p-Isopropyltoluene	13.373	119	182435	18.780	ug/l	98
87) 1,3-Dichlorobenzene	13.373	146	98639	19.069	ug/l	99
88) 1,4-Dichlorobenzene	13.452	146	99519	19.052	ug/l	99
89) n-Butylbenzene	13.702	91	169904	18.599	ug/l	98
90) Hexachloroethane	13.965	117	34434	18.494	ug/l	91
91) 1,2-Dichlorobenzene	13.745	146	92665	19.093	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	21615	22.927	ug/l	90
93) 1,2,4-Trichlorobenzene	15.013	180	57700	18.088	ug/l	99
94) Hexachlorobutadiene	15.117	225	29361	18.127	ug/l	99
95) Naphthalene	15.245	128	195615	18.902	ug/l	99
96) 1,2,3-Trichlorobenzene	15.434	180	55315	18.087	ug/l	99

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Instrument :
MSVOA_Y
ClientSampleId :
VY1017SBSD02

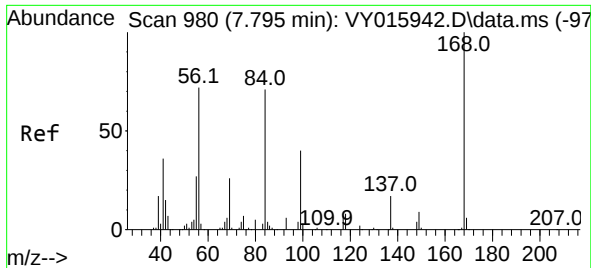
Manual Integrations
APPROVED

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Quant Title : SW846 8260
QLast Update : Fri Oct 13 13:13:02 2023
Response via : Initial Calibration

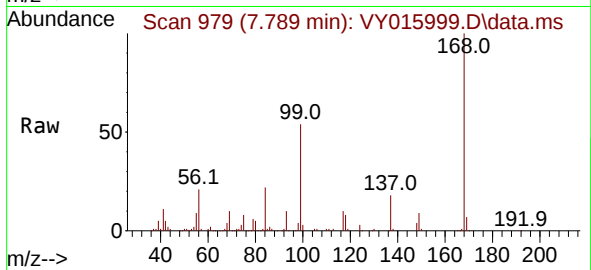
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY015999.D
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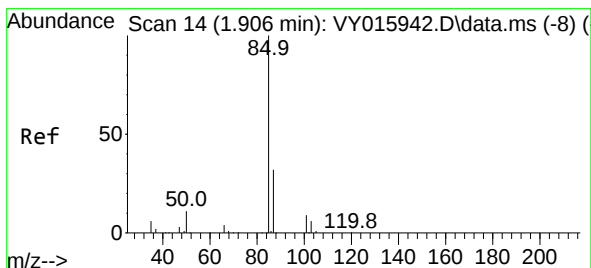
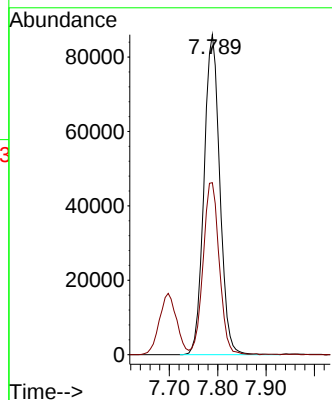
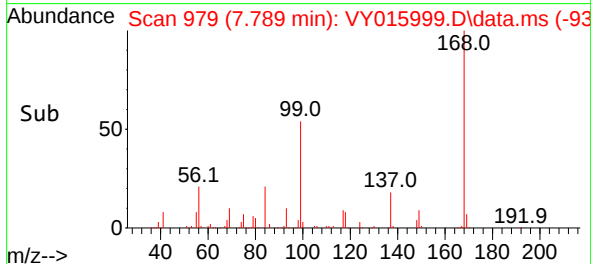
Instrument :
MSVOA_Y
ClientSampleId :
VY1017SBSD02



Tgt Ion:168 Resp: 19541
Ion Ratio Lower Upper
168 100
99 53.6 43.4 65.0

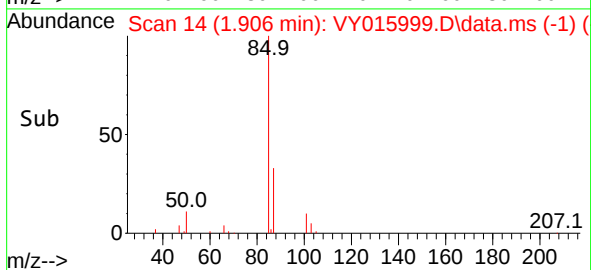
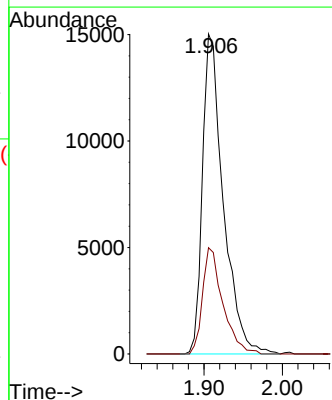
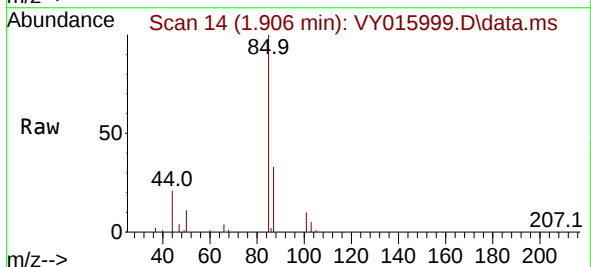
Manual Integrations
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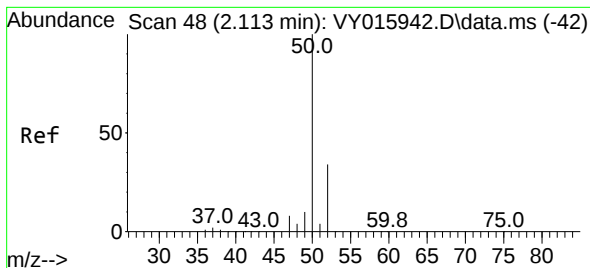
Reviewed By :John Carlone 10/18/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#2
Dichlorodifluoromethane
Concen: 16.967 ug/l
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY015999.D
Acq: 17 Oct 2023 12:46

Tgt Ion: 85 Resp: 27743
Ion Ratio Lower Upper
85 100
87 33.2 15.6 46.8





#3

Chloromethane

Concen: 14.540 ug/l

RT: 2.113 min Scan# 48

Delta R.T. 0.000 min

Lab File: VY015999.D

Acq: 17 Oct 2023 12:46

Instrument :

MSVOA_Y

ClientSampleId :

VY1017SBSD02

Tgt Ion: 50 Resp: 45094

Ion Ratio Lower Upper

50 100

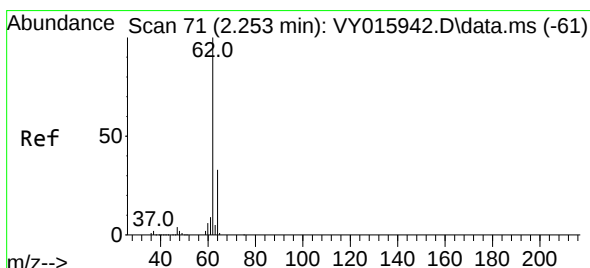
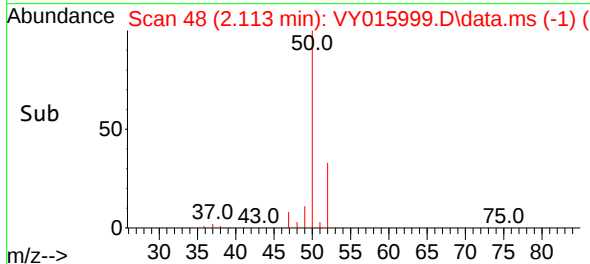
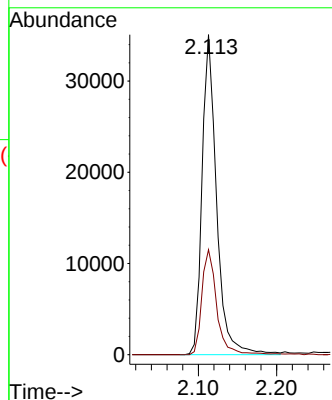
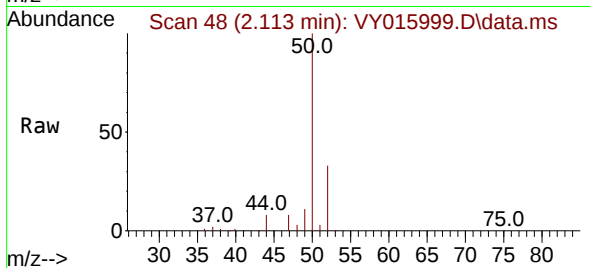
52 32.8 25.4 38.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/18/2023

Supervised By :Semsettin Yesilyurt 10/20/2023



#4

Vinyl Chloride

Concen: 18.538 ug/l

RT: 2.253 min Scan# 71

Delta R.T. 0.000 min

Lab File: VY015999.D

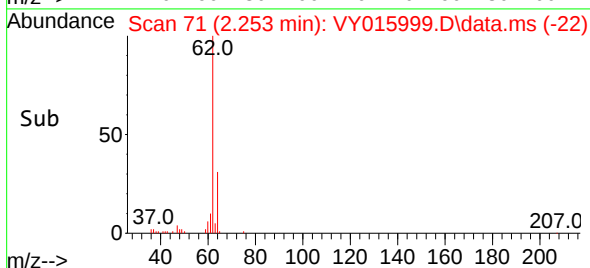
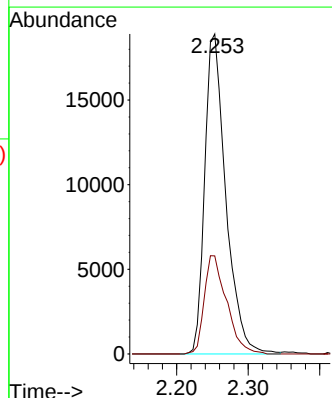
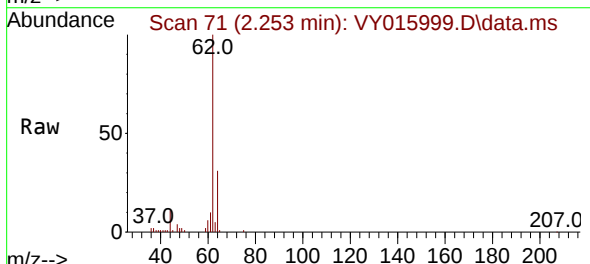
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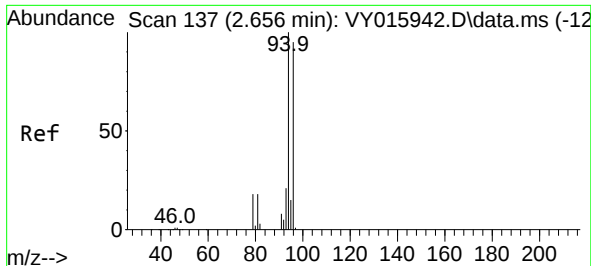
Tgt Ion: 62 Resp: 38774

Ion Ratio Lower Upper

62 100

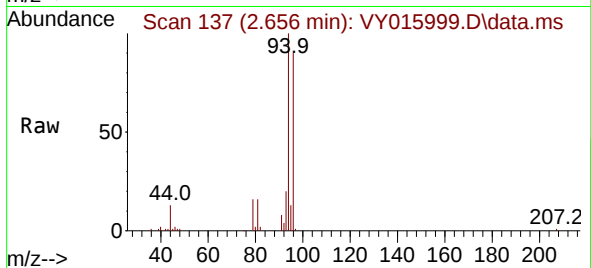
64 30.7 24.3 36.5





#5
Bromomethane
Concen: 20.811 ug/l
RT: 2.656 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY015999.D
Acq: 17 Oct 2023 12:46

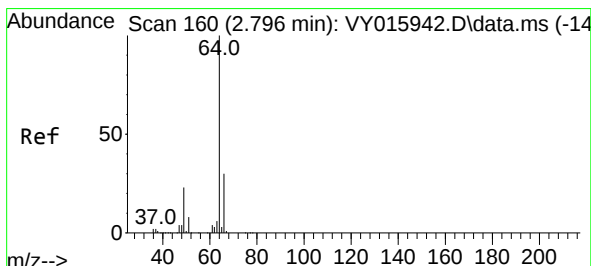
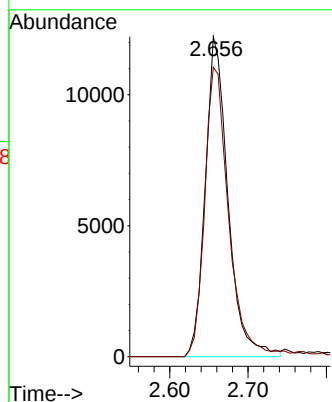
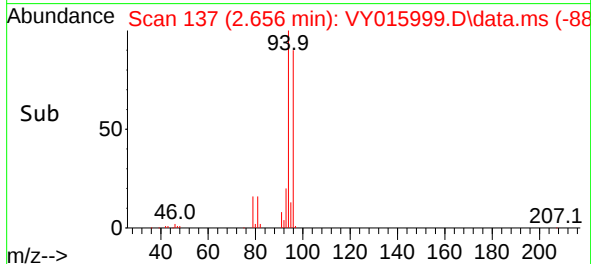
Instrument :
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Tgt Ion: 94 Resp: 2462
Ion Ratio Lower Upper
94 100
96 90.4 75.8 113.6

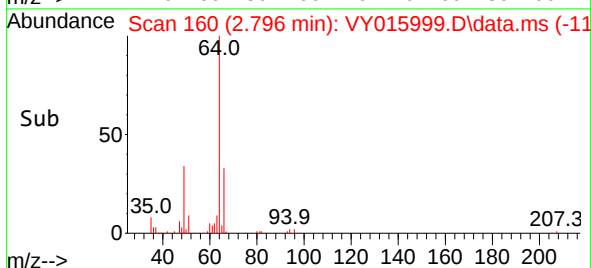
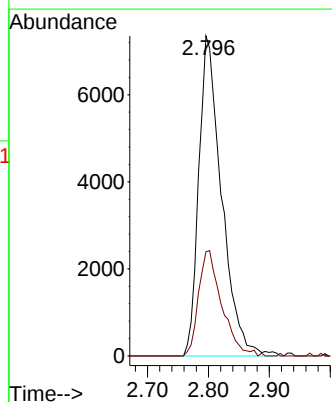
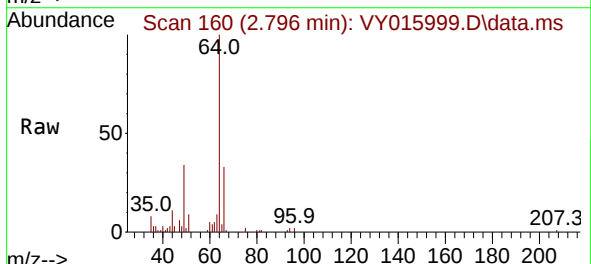
Manual Integrations
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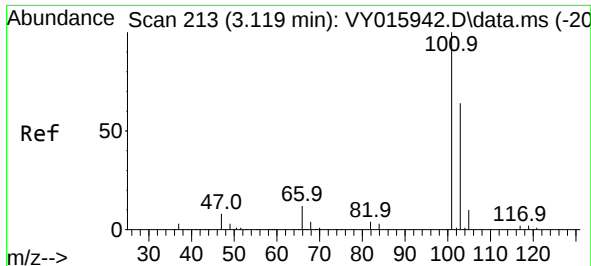
Reviewed By :John Carlone 10/18/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#6
Chloroethane
Concen: 14.161 ug/l
RT: 2.796 min Scan# 160
Delta R.T. -0.000 min
Lab File: VY015999.D
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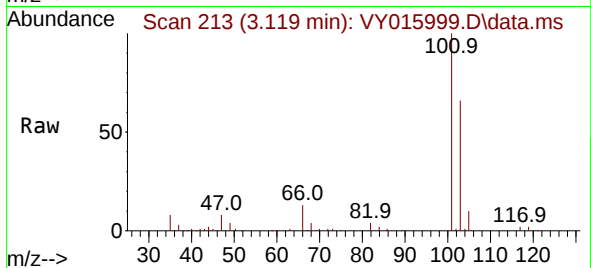
Tgt Ion: 64 Resp: 19142
Ion Ratio Lower Upper
64 100
66 32.5 24.4 36.6





#7
Trichlorofluoromethane
Concen: 20.465 ug/l
RT: 3.119 min Scan# 213
Delta R.T. -0.000 min
Lab File: VY015999.D
Acq: 17 Oct 2023 12:46

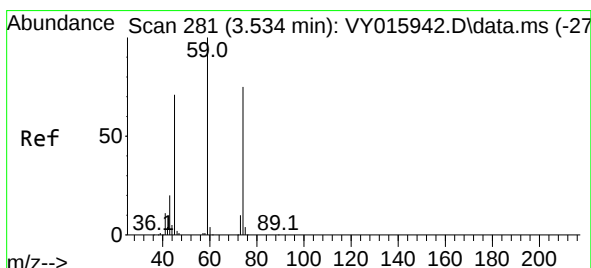
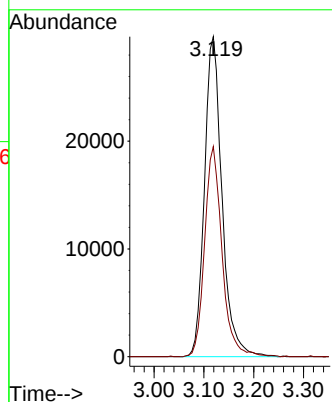
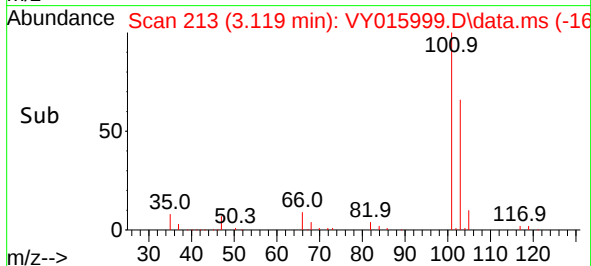
Instrument :
MSVOA_Y
ClientSampleId :
VY1017SBSD02



Tgt Ion:101 Resp: 7260
Ion Ratio Lower Upper
101 100
103 65.7 51.4 77.0

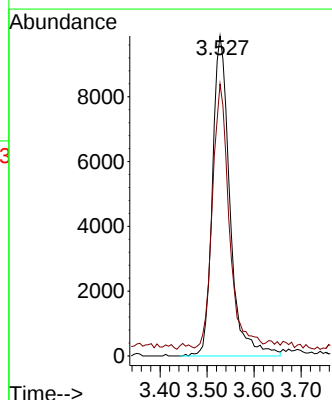
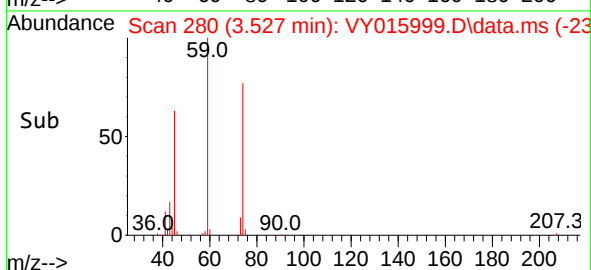
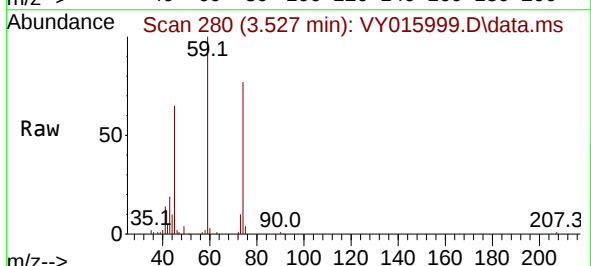
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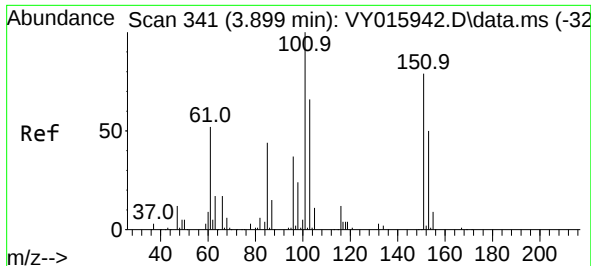
Reviewed By :John Carlone 10/18/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#8
Diethyl Ether
Concen: 19.151 ug/l
RT: 3.527 min Scan# 280
Delta R.T. -0.006 min
Lab File: VY015999.D
Acq: 17 Oct 2023 12:46

Tgt Ion: 74 Resp: 25393
Ion Ratio Lower Upper
74 100
45 79.3 51.5 154.5





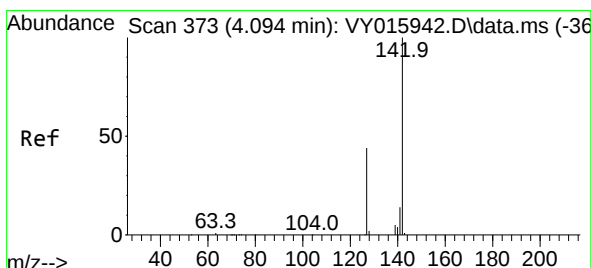
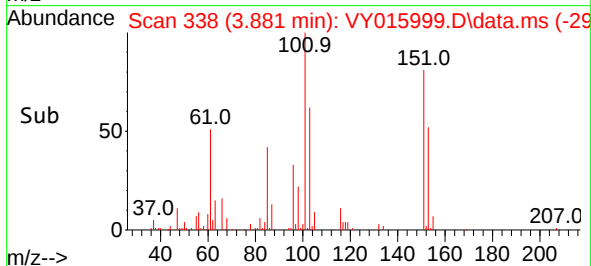
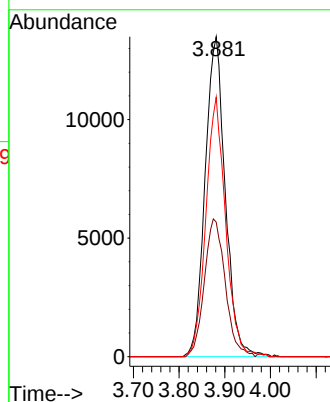
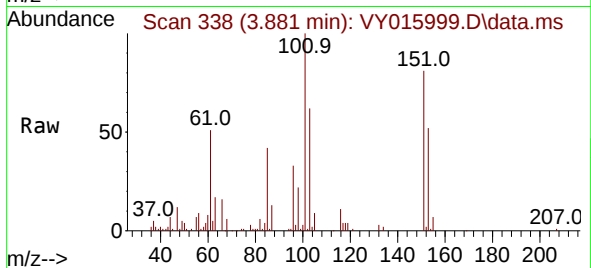
#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.523 ug/l
RT: 3.881 min Scan# 31
Delta R.T. -0.018 min
Lab File: VY015999.D
Acq: 17 Oct 2023 12:46

Instrument :
MSVOA_Y
ClientSampleId :
VY1017SBSD02

Tgt Ion:101 Resp: 41400
Ion Ratio Lower Upper
101 100
85 44.6 36.6 55.0
151 79.3 67.0 100.6

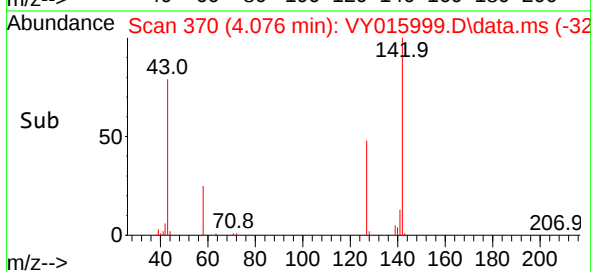
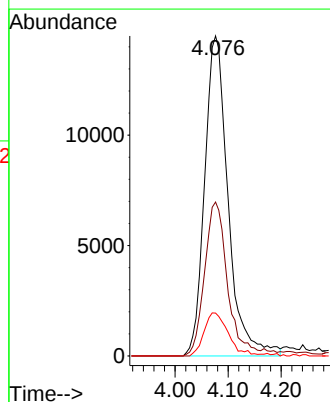
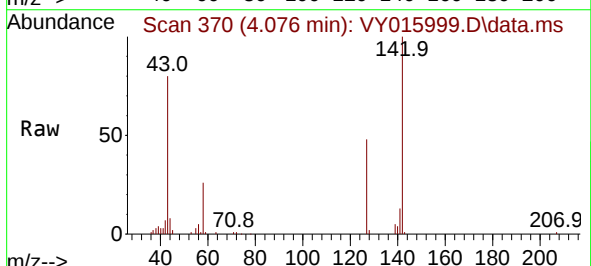
Manual Integrations
APPROVED

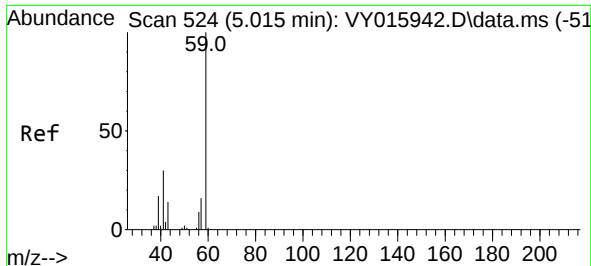
Reviewed By :John Carlone 10/18/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#10
Methyl Iodide
Concen: 19.211 ug/l
RT: 4.076 min Scan# 370
Delta R.T. -0.018 min
Lab File: VY015999.D
Acq: 17 Oct 2023 12:46

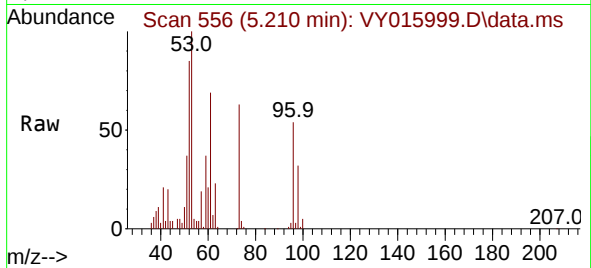
Tgt Ion:142 Resp: 44563
Ion Ratio Lower Upper
142 100
127 46.7 37.6 56.4
141 13.8 11.8 17.8





#11
Tert butyl alcohol
Concen: 108.649 ug/l m
RT: 5.210 min Scan# 51
Delta R.T. 0.195 min
Lab File: VY015999.D
Acq: 17 Oct 2023 12:46

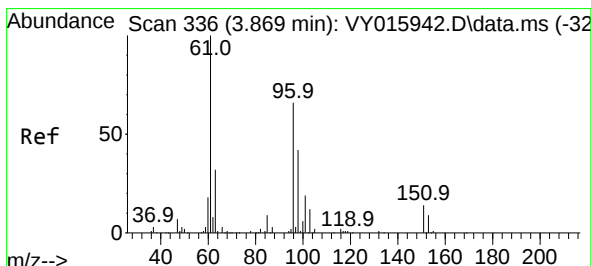
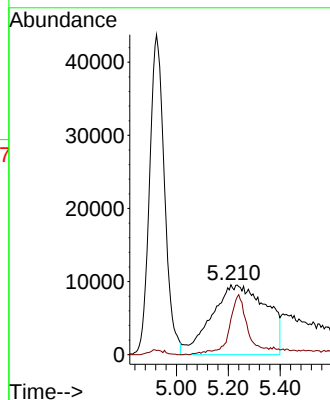
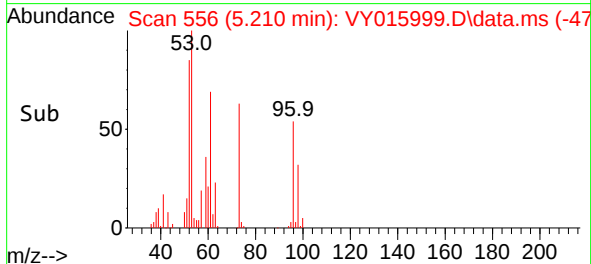
Instrument :
MSVOA_Y
ClientSampleId :
VY1017SBSD02



Tgt Ion: 59 Resp: 14058
Ion Ratio Lower Upper
59 100
57 1.5 3.0 4.4

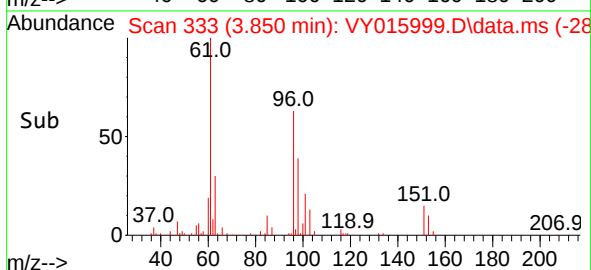
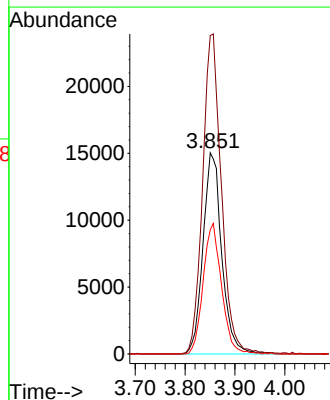
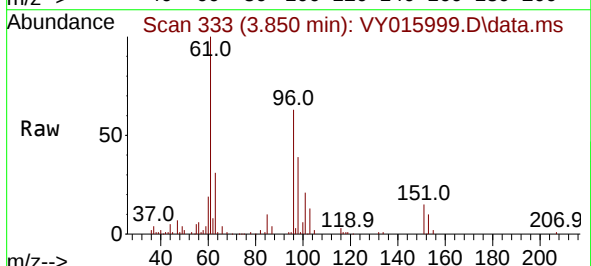
Manual Integrations
APPROVED

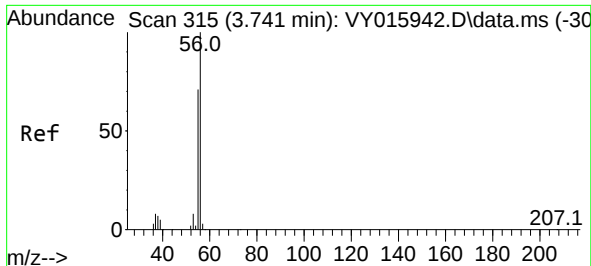
Reviewed By :John Carlone 10/18/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#12
1,1-Dichloroethene
Concen: 20.702 ug/l
RT: 3.850 min Scan# 333
Delta R.T. -0.018 min
Lab File: VY015999.D
Acq: 17 Oct 2023 12:46

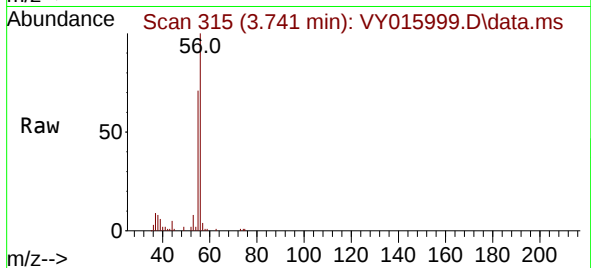
Tgt Ion: 96 Resp: 39342
Ion Ratio Lower Upper
96 100
61 158.3 136.4 204.6
98 61.7 49.4 74.2





#13
Acrolein
Concen: 140.685 ug/l
RT: 3.741 min Scan# 315
Delta R.T. -0.000 min
Lab File: VY015999.D
Acq: 17 Oct 2023 12:46

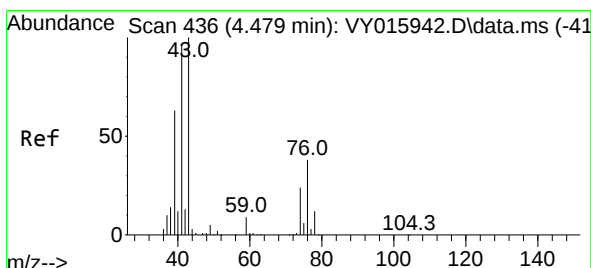
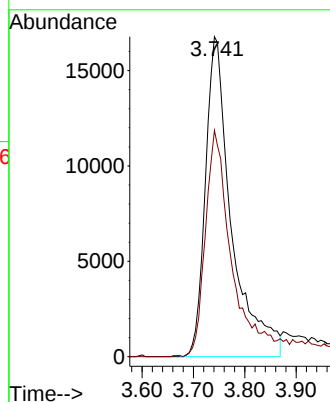
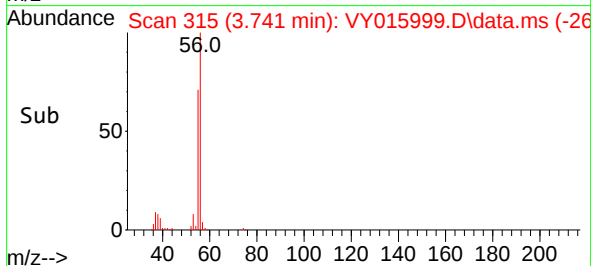
Instrument :
MSVOA_Y
ClientSampleId :
VY1017SBSD02



Tgt Ion: 56 Resp: 5925
Ion Ratio Lower Upper
56 100
55 70.9 57.0 85.4

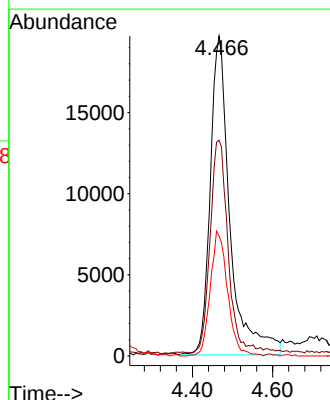
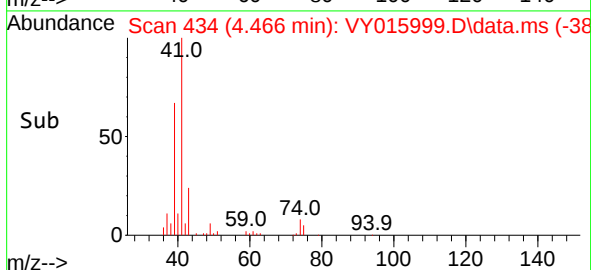
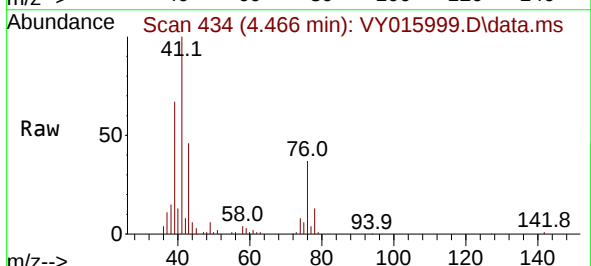
Manual Integrations
APPROVED

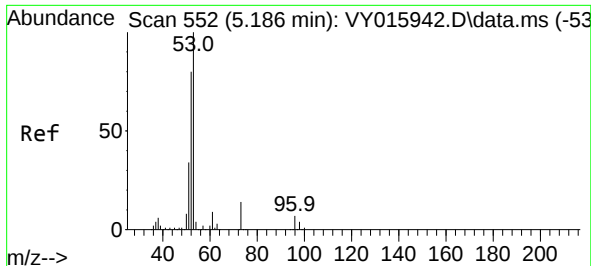
Reviewed By :John Carlone 10/18/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#14
Allyl chloride
Concen: 21.905 ug/l
RT: 4.466 min Scan# 434
Delta R.T. -0.012 min
Lab File: VY015999.D
Acq: 17 Oct 2023 12:46

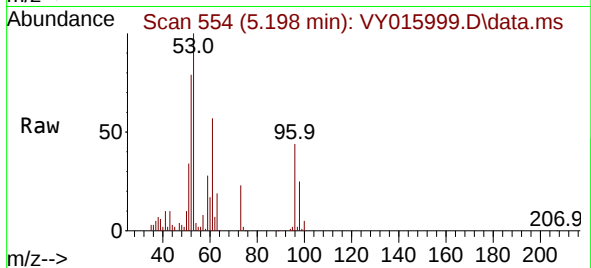
Tgt Ion: 41 Resp: 67268
Ion Ratio Lower Upper
41 100
39 61.2 58.0 87.0
76 34.3 27.4 41.2





#15
Acrylonitrile
Concen: 143.158 ug/l
RT: 5.198 min Scan# 51
Delta R.T. 0.012 min
Lab File: VY015999.D
Acq: 17 Oct 2023 12:46

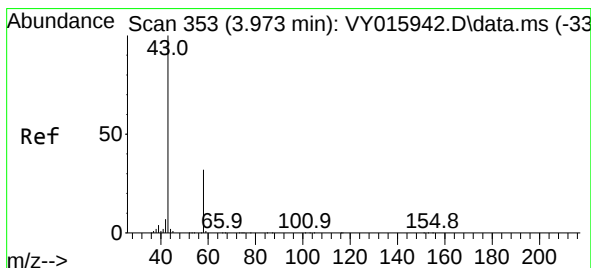
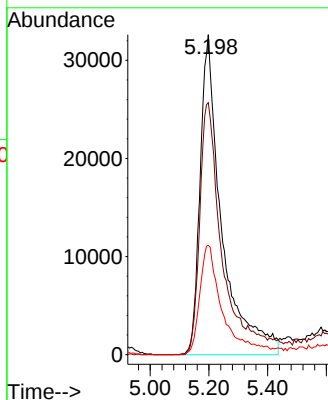
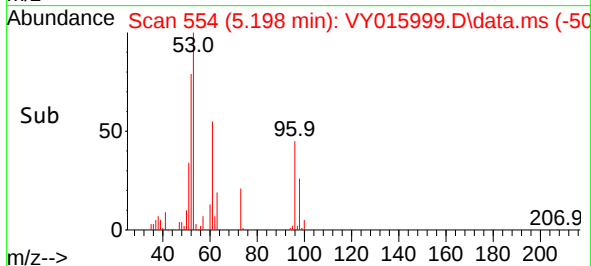
Instrument :
MSVOA_Y
ClientSampleId :
VY1017SBSD02



Tgt Ion: 53 Resp: 167219
Ion Ratio Lower Upper
53 100
52 74.8 66.9 100.3
51 36.0 29.8 44.6

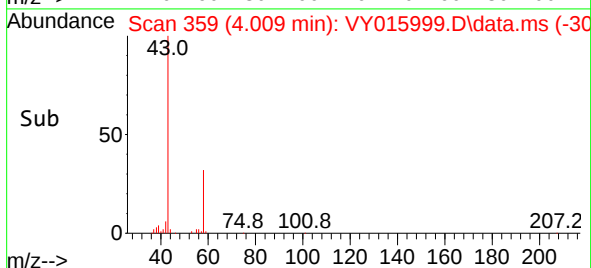
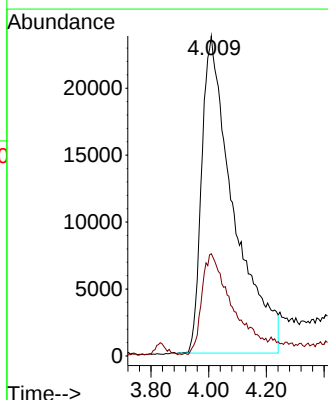
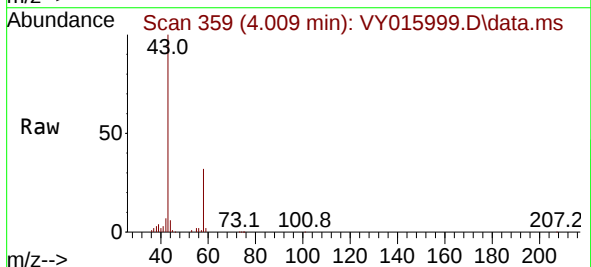
Manual Integrations
APPROVED

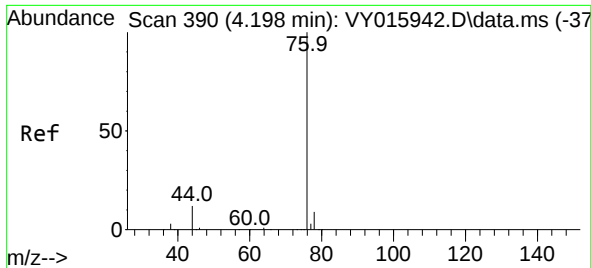
Reviewed By :John Carlone 10/18/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#16
Acetone
Concen: 140.156 ug/l
RT: 4.009 min Scan# 359
Delta R.T. 0.037 min
Lab File: VY015999.D
Acq: 17 Oct 2023 12:46

Tgt Ion: 43 Resp: 181571
Ion Ratio Lower Upper
43 100
58 31.9 22.7 34.1





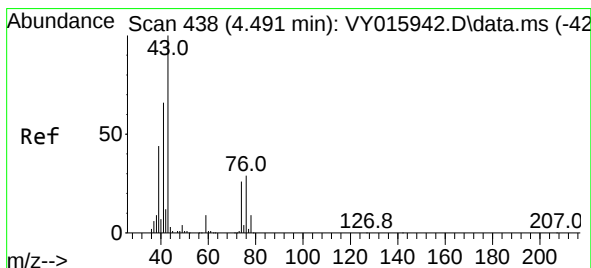
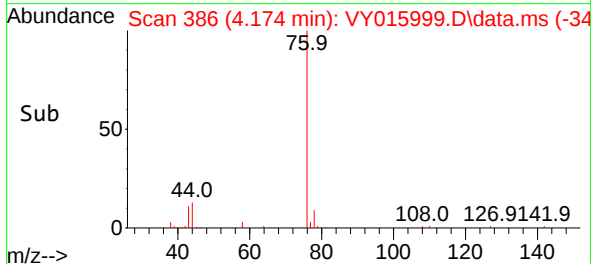
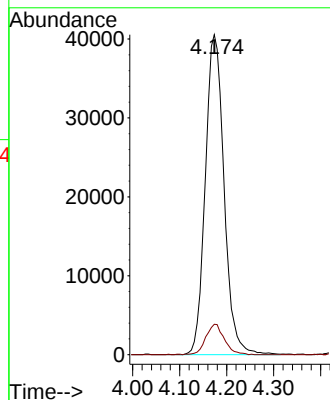
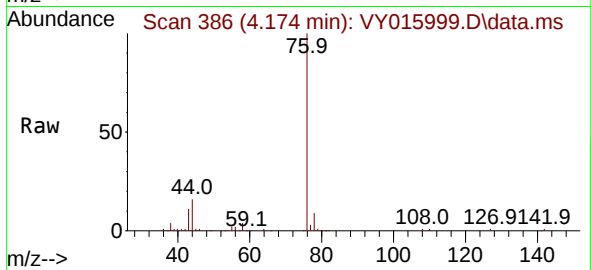
#17
Carbon Disulfide
Concen: 19.329 ug/l
RT: 4.174 min Scan# 311
Delta R.T. -0.024 min
Lab File: VY015999.D
Acq: 17 Oct 2023 12:46

Instrument :
MSVOA_Y
ClientSampleId :
VY1017SBSD02

Tgt Ion: 76 Resp: 112274
Ion Ratio Lower Upper
76 100
78 9.5 7.0 10.4

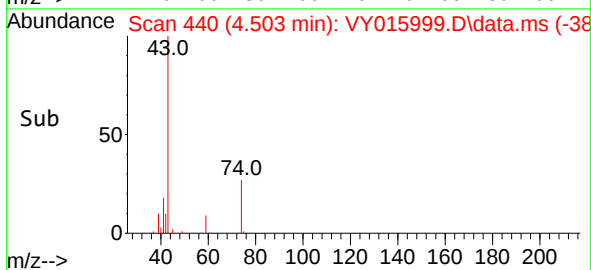
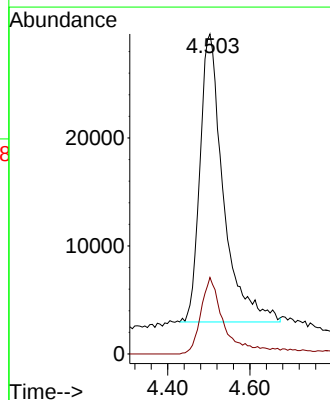
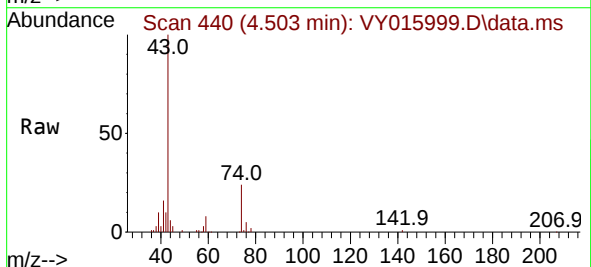
Manual Integrations
APPROVED

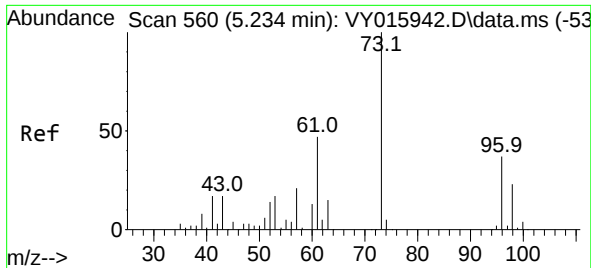
Reviewed By :John Carlone 10/18/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#18
Methyl Acetate
Concen: 23.387 ug/l
RT: 4.503 min Scan# 440
Delta R.T. 0.012 min
Lab File: VY015999.D
Acq: 17 Oct 2023 12:46

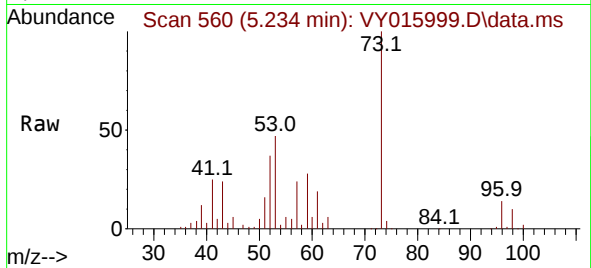
Tgt Ion: 43 Resp: 105091
Ion Ratio Lower Upper
43 100
74 25.1 17.4 26.0





#19
Methyl tert-butyl Ether
Concen: 20.615 ug/l
RT: 5.234 min Scan# 50
Delta R.T. -0.000 min
Lab File: VY015999.D
Acq: 17 Oct 2023 12:46

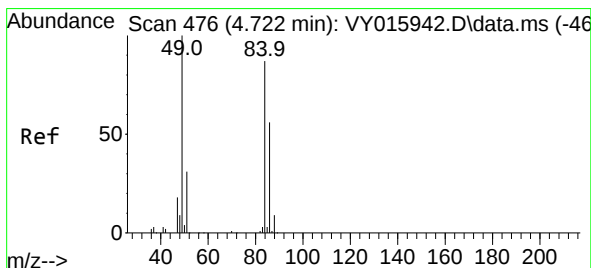
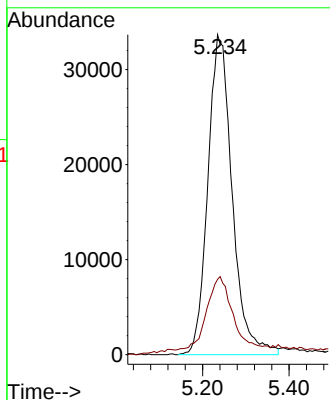
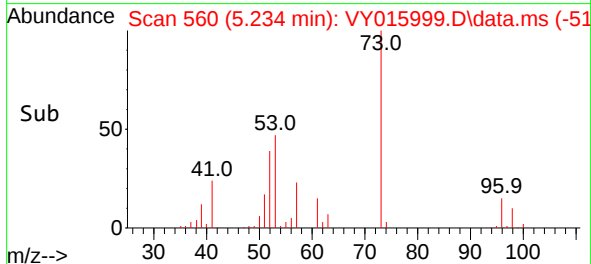
Instrument :
MSVOA_Y
ClientSampleId :
VY1017SBSD02



Tgt Ion: 73 Resp: 13133
Ion Ratio Lower Upper
73 100
57 22.0 17.3 25.9

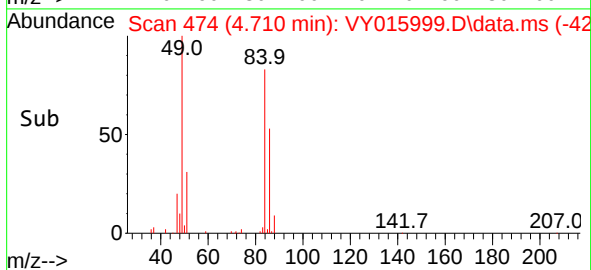
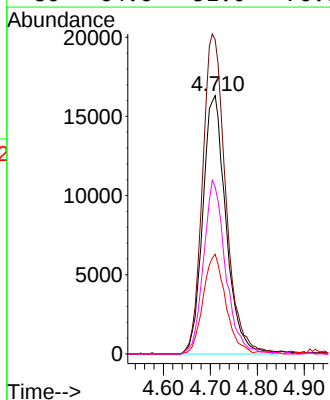
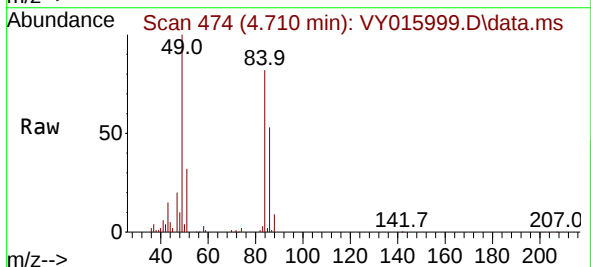
Manual Integrations
APPROVED

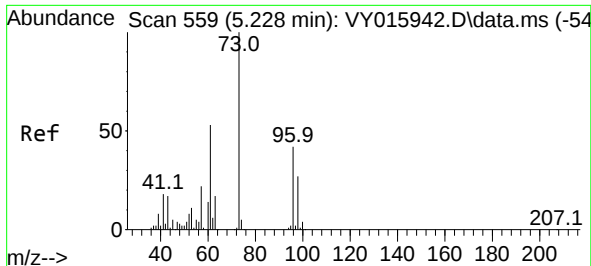
Reviewed By :John Carlone 10/18/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#20
Methylene Chloride
Concen: 20.103 ug/l
RT: 4.710 min Scan# 474
Delta R.T. -0.012 min
Lab File: VY015999.D
Acq: 17 Oct 2023 12:46

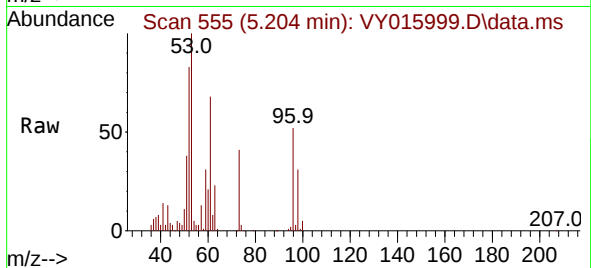
Tgt Ion: 84 Resp: 55866
Ion Ratio Lower Upper
84 100
49 121.6 106.9 160.3
51 38.5 33.2 49.8
86 64.6 51.0 76.6





#21
trans-1,2-Dichloroethene
Concen: 20.151 ug/l
RT: 5.204 min Scan# 51
Delta R.T. -0.024 min
Lab File: VY015999.D
Acq: 17 Oct 2023 12:46

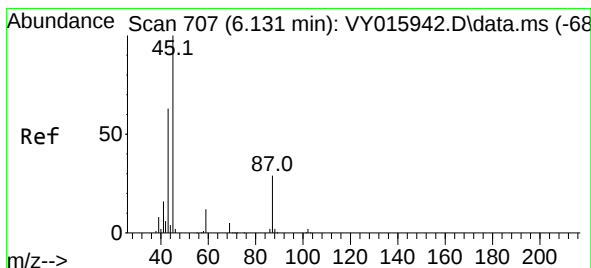
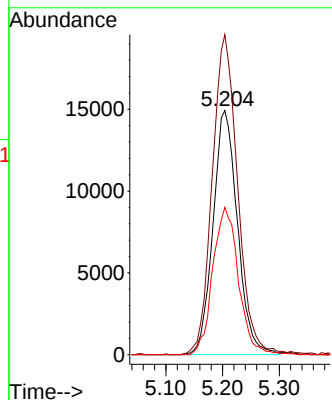
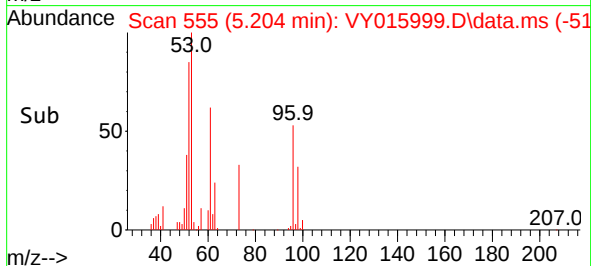
Instrument :
MSVOA_Y
ClientSampleId :
VY1017SBSD02



Tgt Ion: 96 Resp: 4476
Ion Ratio Lower Upper
96 100
61 131.1 110.2 165.4
98 60.3 51.8 77.6

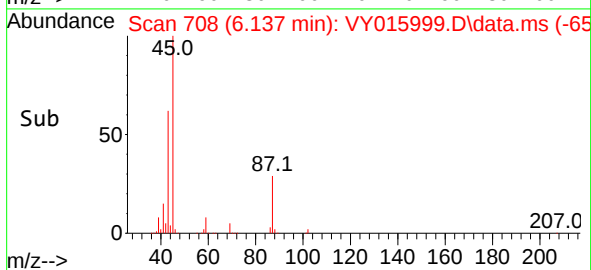
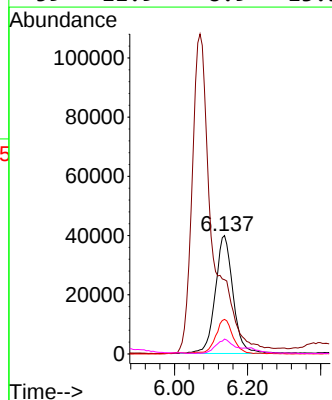
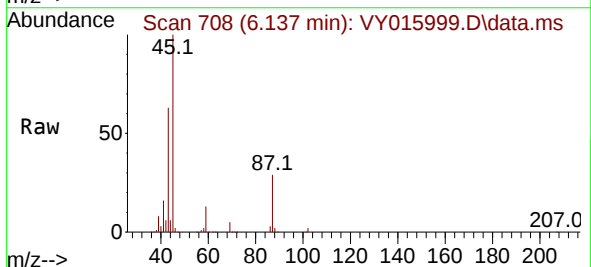
Manual Integrations
APPROVED

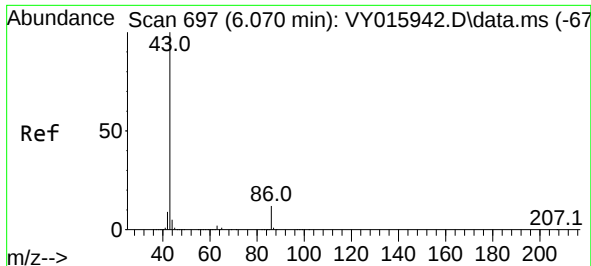
Reviewed By :John Carlone 10/18/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#22
Diisopropyl ether
Concen: 21.035 ug/l
RT: 6.137 min Scan# 708
Delta R.T. 0.006 min
Lab File: VY015999.D
Acq: 17 Oct 2023 12:46

Tgt Ion: 45 Resp: 134137
Ion Ratio Lower Upper
45 100
43 58.2 52.2 78.4
87 29.1 21.0 31.6
59 11.9 8.9 13.3





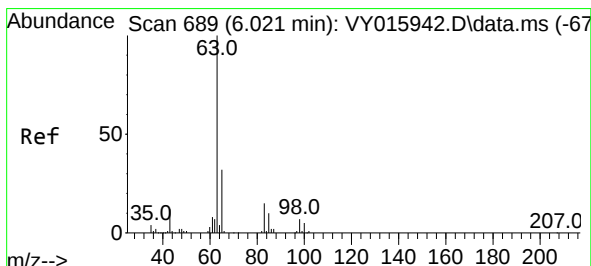
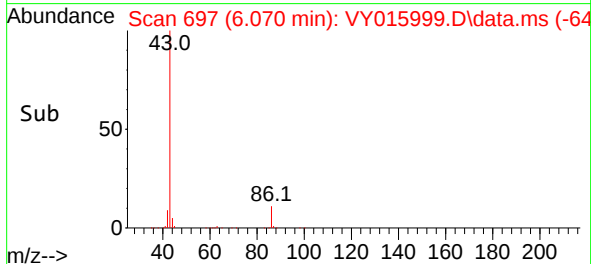
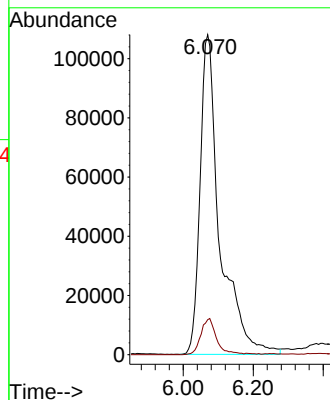
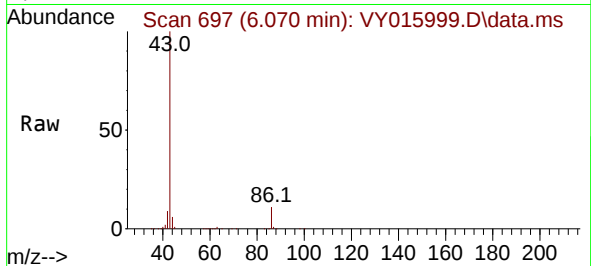
#23
 Vinyl Acetate
 Concen: 100.803 ug/l
 RT: 6.070 min Scan# 697
 Delta R.T. -0.000 min
 Lab File: VY015999.D
 Acq: 17 Oct 2023 12:46

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1017SBSD02

Tgt Ion: 43 Resp: 422884
 Ion Ratio Lower Upper
 43 100
 86 11.0 7.5 11.3

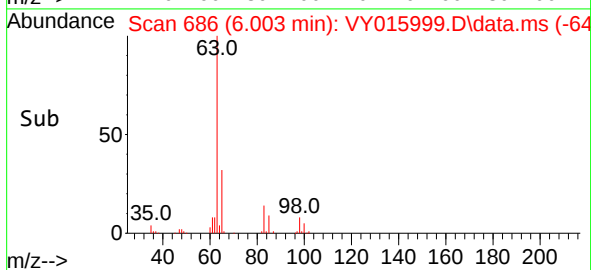
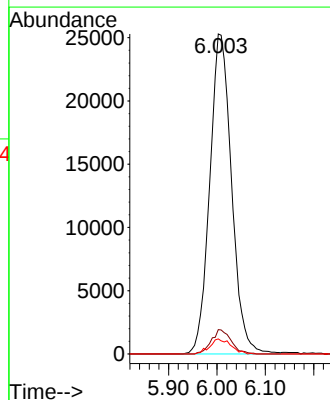
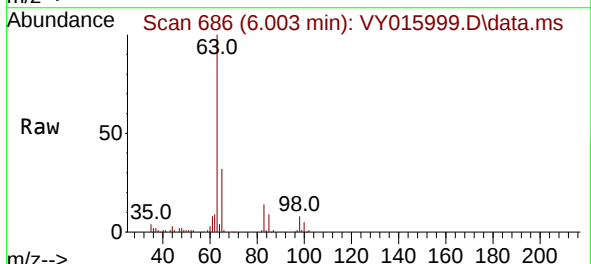
Manual Integrations
 APPROVED

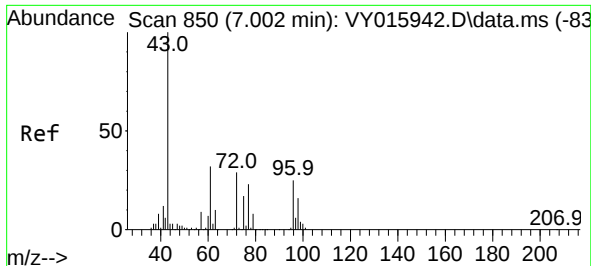
Reviewed By :John Carlone 10/18/2023
 Supervised By :Semsettin Yesilyurt 10/20/2023



#24
 1,1-Dichloroethane
 Concen: 20.900 ug/l
 RT: 6.003 min Scan# 686
 Delta R.T. -0.018 min
 Lab File: VY015999.D
 Acq: 17 Oct 2023 12:46

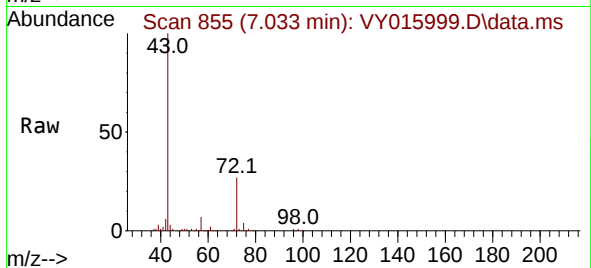
Tgt Ion: 63 Resp: 79296
 Ion Ratio Lower Upper
 63 100
 98 7.6 3.1 9.4
 100 4.7 1.8 5.5





#25
2-Butanone
Concen: 107.605 ug/l
RT: 7.033 min Scan# 845
Delta R.T. 0.030 min
Lab File: VY015999.D
Acq: 17 Oct 2023 12:46

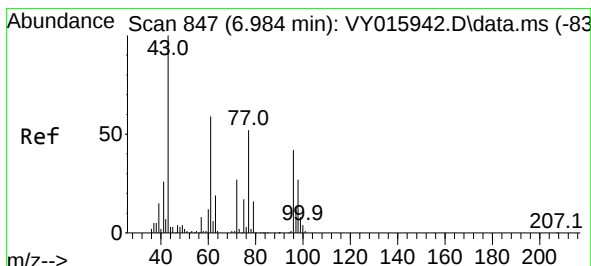
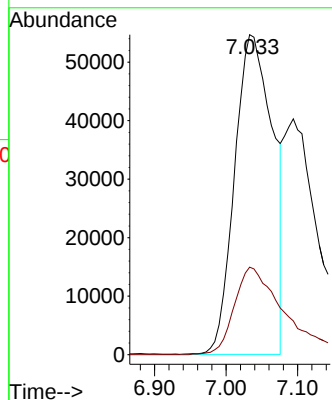
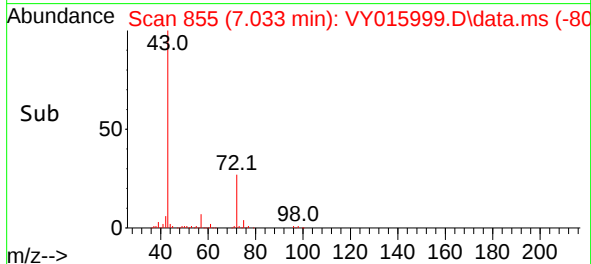
Instrument :
MSVOA_Y
ClientSampleId :
VY1017SBSD02



Tgt Ion: 43 Resp: 20288
Ion Ratio Lower Upper
43 100
72 27.4 20.5 30.7

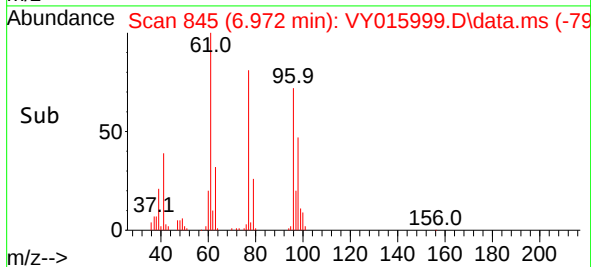
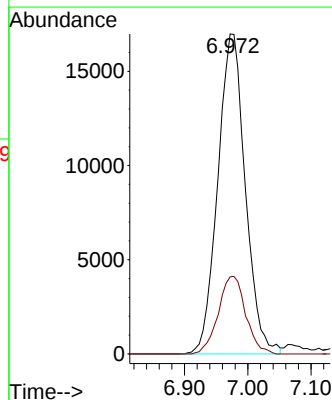
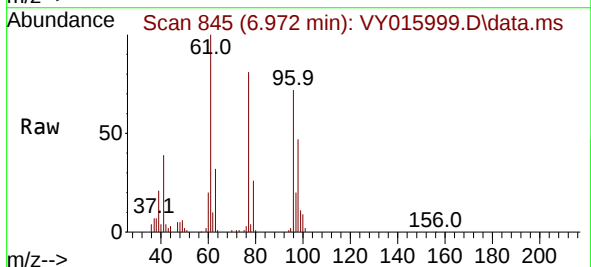
Manual Integrations
APPROVED

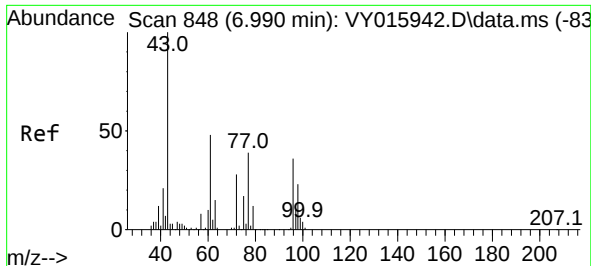
Reviewed By :John Carlone 10/18/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#26
2,2-Dichloropropane
Concen: 16.289 ug/l
RT: 6.972 min Scan# 845
Delta R.T. -0.012 min
Lab File: VY015999.D
Acq: 17 Oct 2023 12:46

Tgt Ion: 77 Resp: 51321
Ion Ratio Lower Upper
77 100
97 24.1 10.9 32.9





#27

cis-1,2-Dichloroethene

Concen: 18.680 ug/l

RT: 6.978 min Scan# 84

Delta R.T. -0.012 min

Lab File: VY015999.D

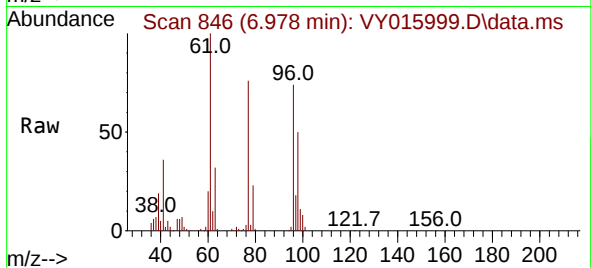
Acq: 17 Oct 2023 12:46

Instrument :

MSVOA_Y

ClientSampleId :

VY1017SBS02



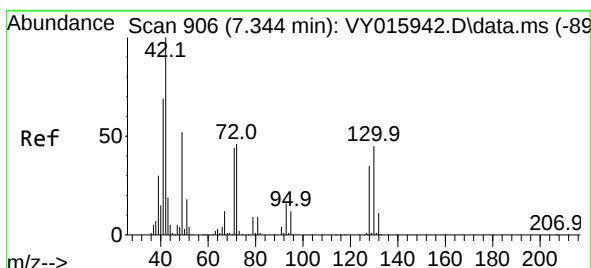
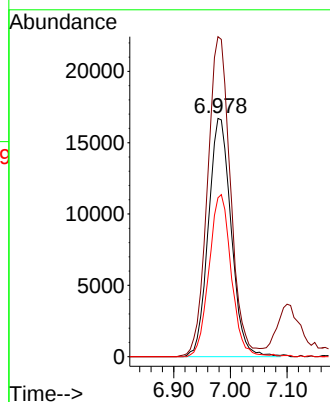
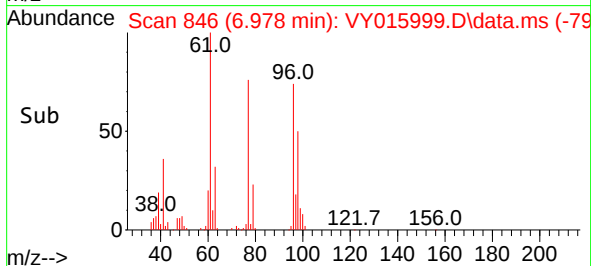
Tgt Ion:	96	Resp:	4665
Ion	Ratio	Lower	Upper
96	100		
61	135.3	0.0	301.4
98	66.3	0.0	130.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/18/2023

Supervised By :Semsettin Yesilyurt 10/20/2023



#28

Bromochloromethane

Concen: 20.725 ug/l

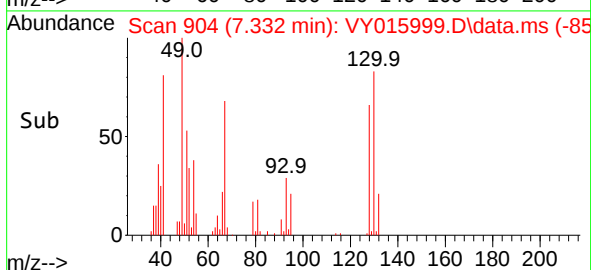
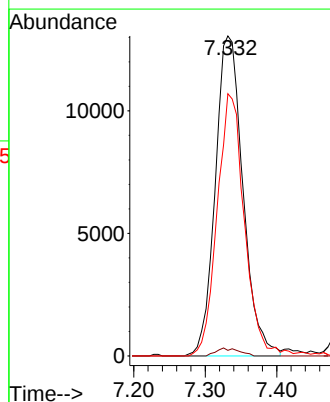
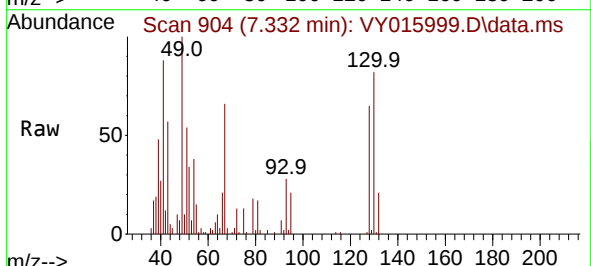
RT: 7.332 min Scan# 904

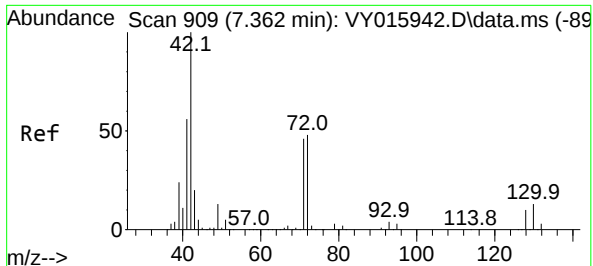
Delta R.T. -0.012 min

Lab File: VY015999.D

Acq: 17 Oct 2023 12:46

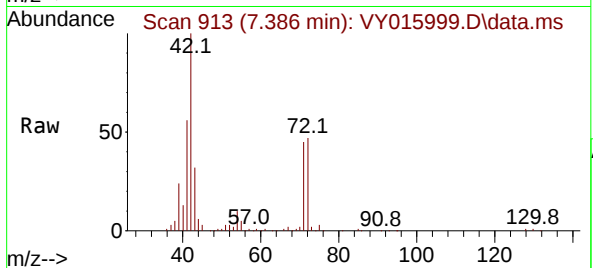
Tgt Ion:	49	Resp:	35091
Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	4.6
130	80.6	60.7	91.1





#29
Tetrahydrofuran
Concen: 124.871 ug/l
RT: 7.386 min Scan# 913
Delta R.T. 0.024 min
Lab File: VY015999.D
Acq: 17 Oct 2023 12:46

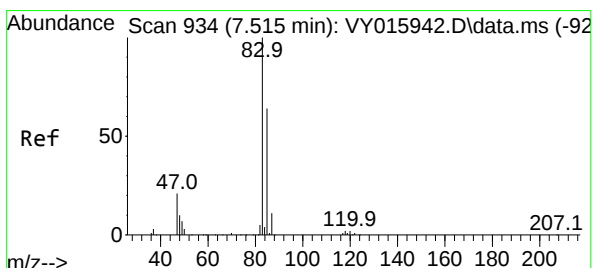
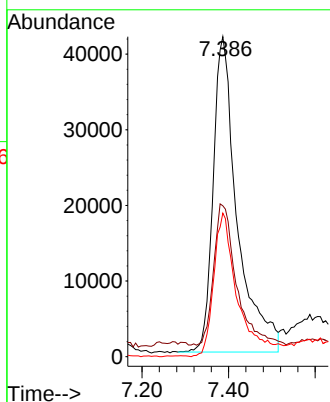
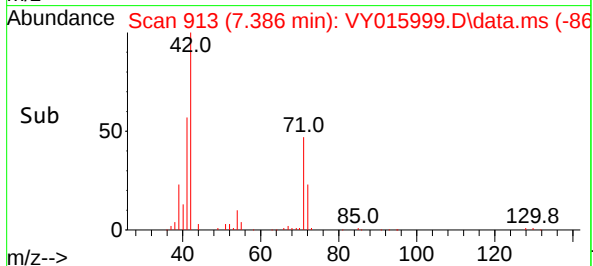
Instrument :
MSVOA_Y
ClientSampleId :
VY1017SBSD02



Tgt Ion: 42 Resp: 16139
Ion Ratio Lower Upper
42 100
72 42.0 32.8 49.2
71 45.8 31.0 46.4

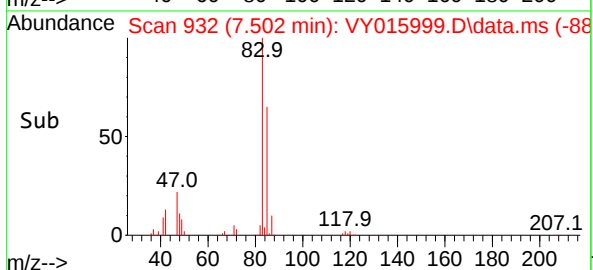
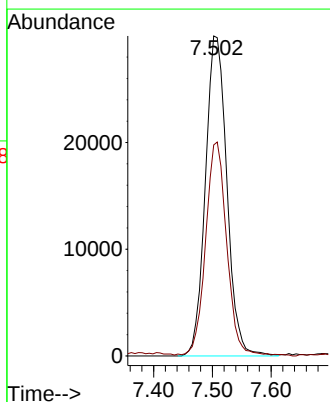
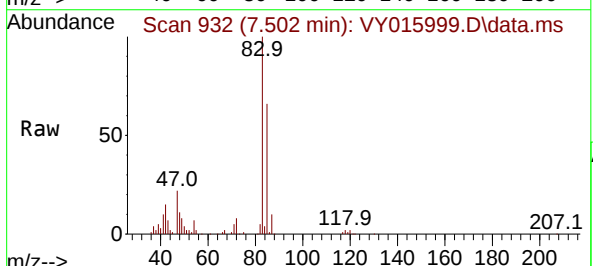
Manual Integrations
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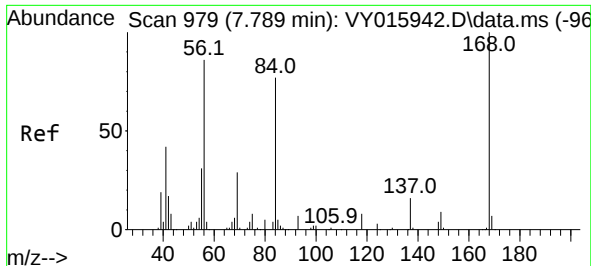
Reviewed By :John Carlone 10/18/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#30
Chloroform
Concen: 19.355 ug/l
RT: 7.502 min Scan# 932
Delta R.T. -0.012 min
Lab File: VY015999.D
Acq: 17 Oct 2023 12:46

Tgt Ion: 83 Resp: 76220
Ion Ratio Lower Upper
83 100
85 65.5 49.7 74.5





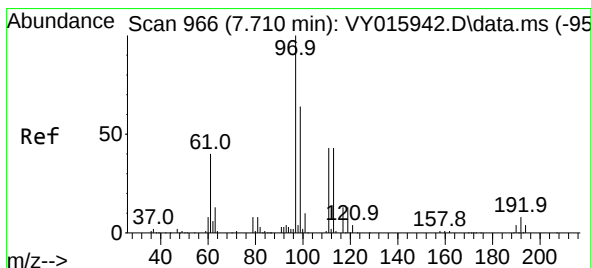
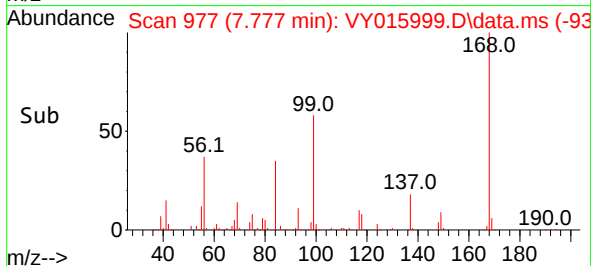
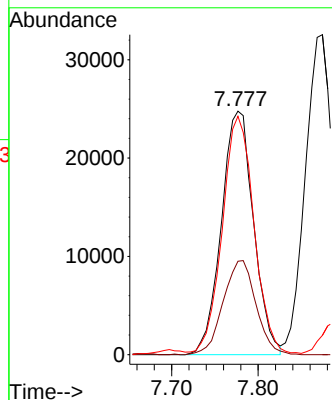
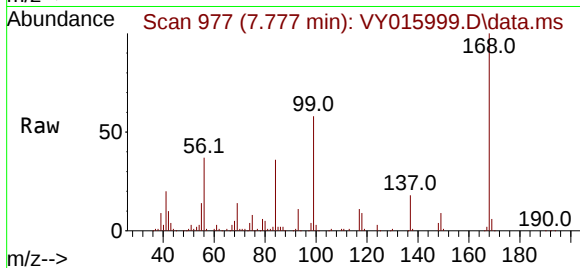
#31
Cyclohexane
Concen: 18.056 ug/l
RT: 7.777 min Scan# 911
Delta R.T. -0.012 min
Lab File: VY015999.D
Acq: 17 Oct 2023 12:46

Instrument :
MSVOA_Y
ClientSampleId :
VY1017SBSD02

Tgt Ion: 56 Resp: 6410
Ion Ratio Lower Upper
56 100
69 38.4 27.8 41.6
84 96.4 66.4 99.6

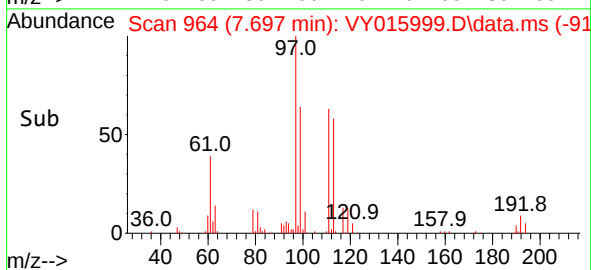
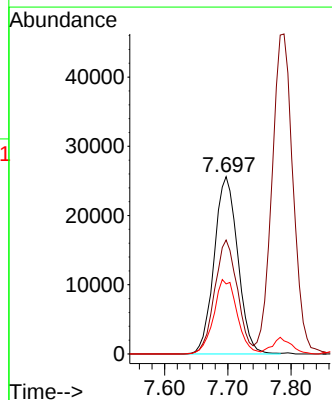
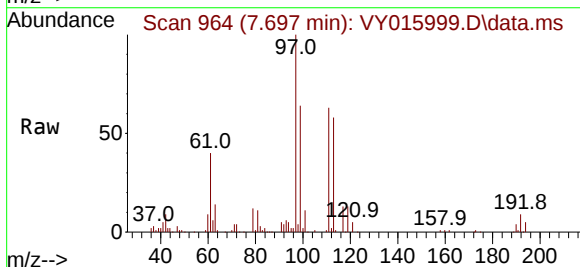
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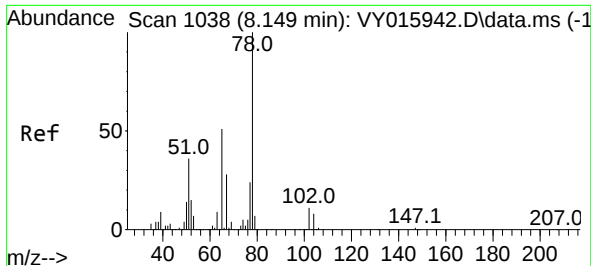
Reviewed By :John Carlone 10/18/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#32
1,1,1-Trichloroethane
Concen: 18.914 ug/l
RT: 7.697 min Scan# 964
Delta R.T. -0.012 min
Lab File: VY015999.D
Acq: 17 Oct 2023 12:46

Tgt Ion: 97 Resp: 66246
Ion Ratio Lower Upper
97 100
99 62.0 50.8 76.2
61 41.8 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 47.466 ug/l

RT: 8.142 min Scan# 1038

Delta R.T. -0.006 min

Lab File: VY015999.D

Acq: 17 Oct 2023 12:46

Instrument :

MSVOA_Y

ClientSampleId :

VY1017SBSD02

Tgt Ion: 65 Resp: 105858

Ion Ratio Lower Upper

65 100

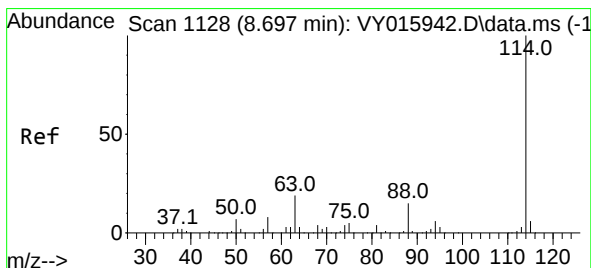
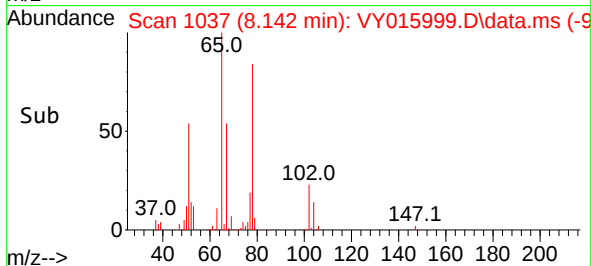
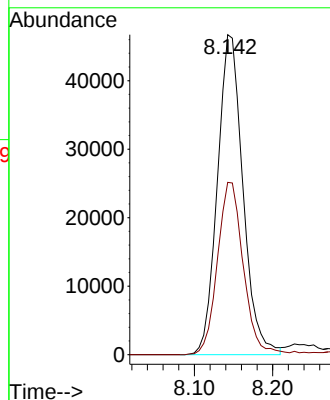
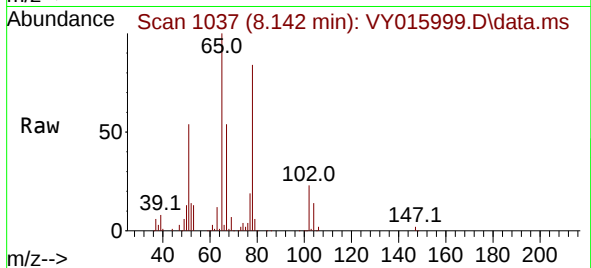
67 54.5 0.0 101.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/18/2023

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. -0.006 min

Lab File: VY015999.D

Acq: 17 Oct 2023 12:46

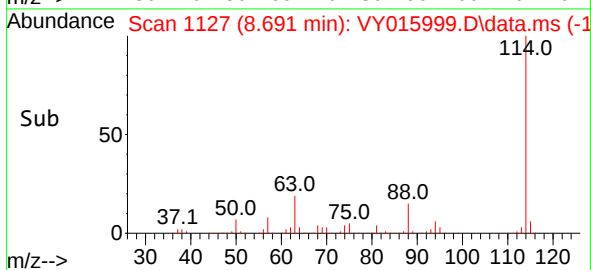
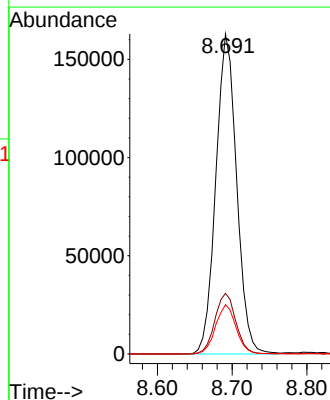
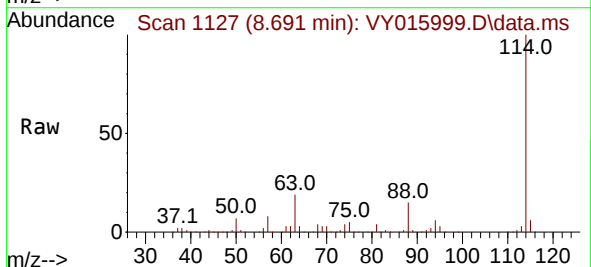
Tgt Ion:114 Resp: 315711

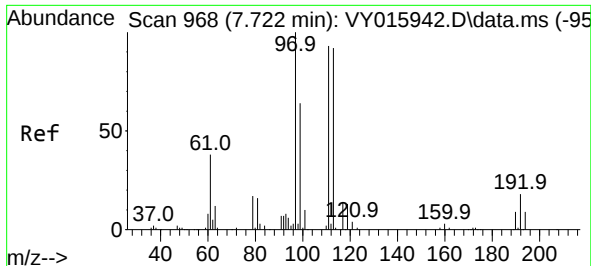
Ion Ratio Lower Upper

114 100

63 18.9 0.0 42.4

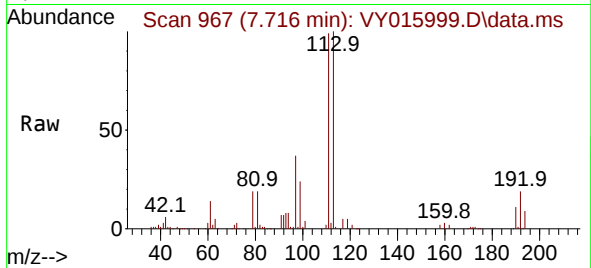
88 15.4 0.0 30.6





#35
Dibromofluoromethane
Concen: 47.615 ug/l
RT: 7.716 min Scan# 90
Delta R.T. -0.006 min
Lab File: VY015999.D
Acq: 17 Oct 2023 12:46

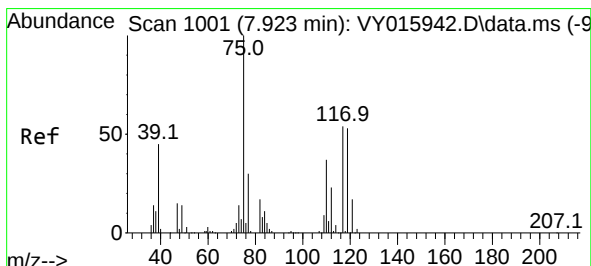
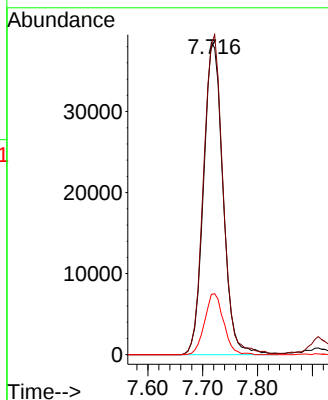
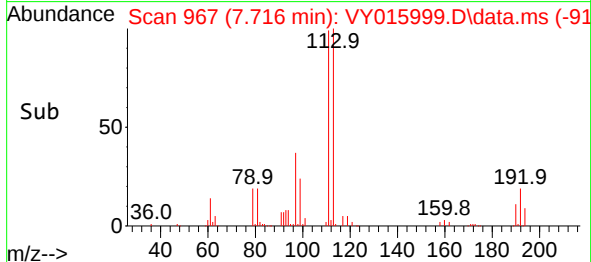
Instrument :
MSVOA_Y
ClientSampleId :
VY1017SBSD02



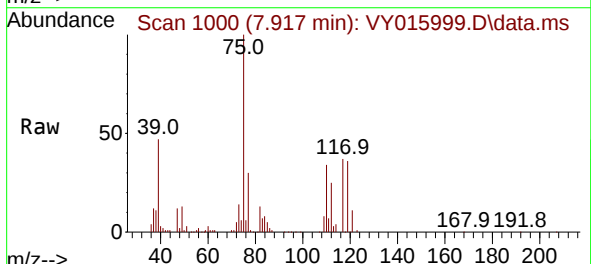
Tgt Ion:113 Resp: 94638
Ion Ratio Lower Upper
113 100
111 102.8 81.3 121.9
192 19.1 16.9 25.3

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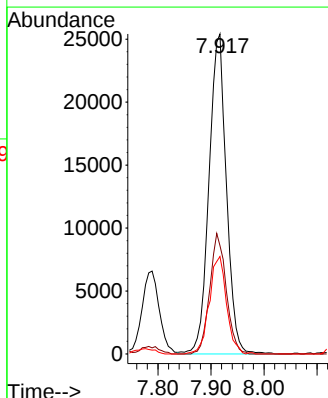
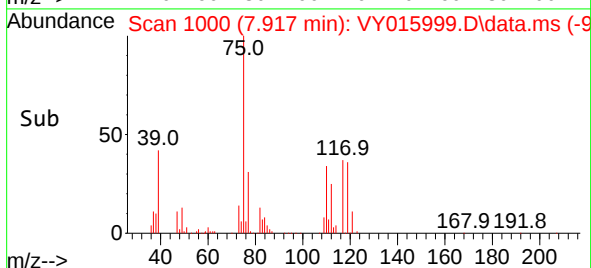
Reviewed By :John Carlone 10/18/2023
Supervised By :Semsettin Yesilyurt 10/20/2023

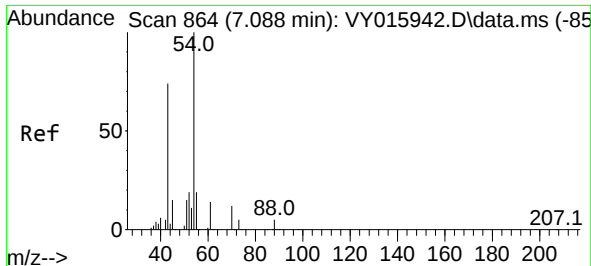


#36
1,1-Dichloropropene
Concen: 19.335 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. -0.006 min
Lab File: VY015999.D
Acq: 17 Oct 2023 12:46



Tgt Ion: 75 Resp: 57987
Ion Ratio Lower Upper
75 100
110 35.7 17.8 53.5
77 30.2 24.4 36.6





#37

Ethyl Acetate

Concen: 18.973 ug/l m

RT: 7.094 min Scan# 8

Delta R.T. 0.006 min

Lab File: VY015999.D

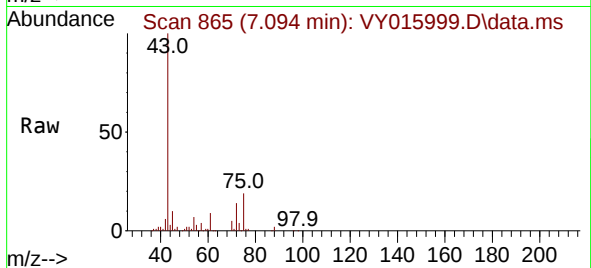
Acq: 17 Oct 2023 12:46

Instrument :

MSVOA_Y

ClientSampleId :

VY1017SBSD02



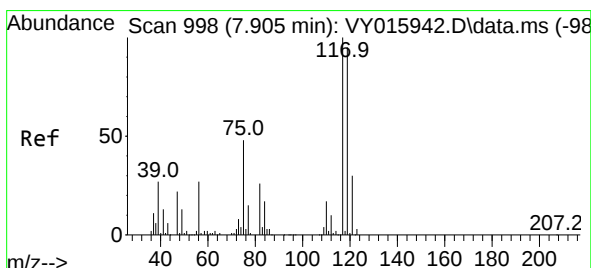
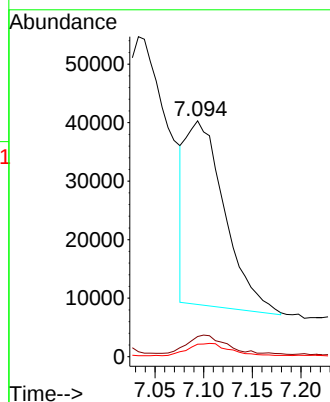
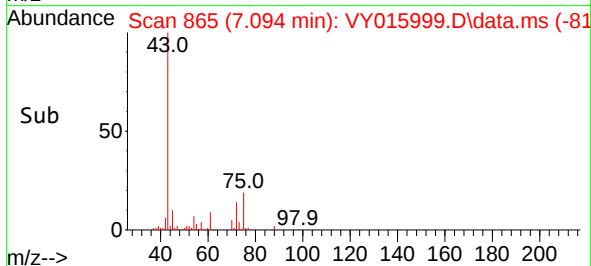
Tgt Ion:	43	Resp:	87794
Ion Ratio	Lower	Upper	
43	100		
61	0.0	10.1	15.1
70	0.0	7.1	10.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/18/2023

Supervised By :Semsettin Yesilyurt 10/20/2023



#38

Carbon Tetrachloride

Concen: 18.732 ug/l

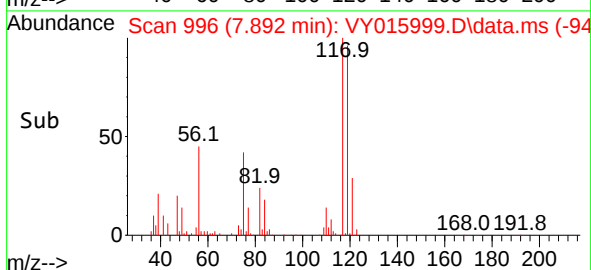
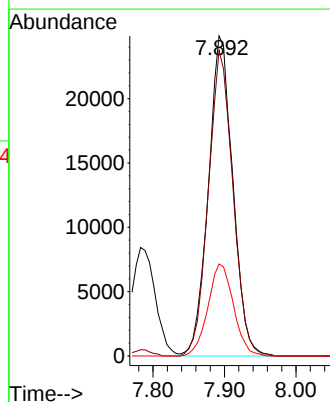
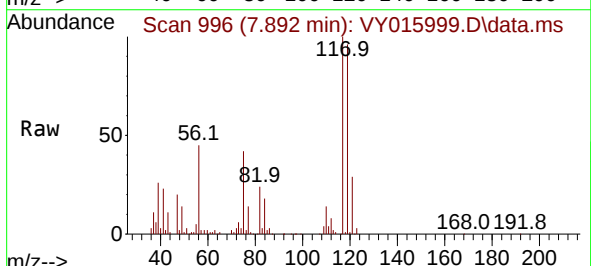
RT: 7.892 min Scan# 996

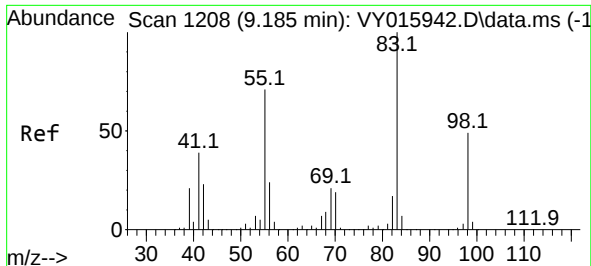
Delta R.T. -0.012 min

Lab File: VY015999.D

Acq: 17 Oct 2023 12:46

Tgt Ion:	117	Resp:	59163
Ion Ratio	Lower	Upper	
117	100		
119	95.6	76.4	114.6
121	28.8	25.8	38.6





#39

Methylcyclohexane

Concen: 17.375 ug/l

RT: 9.185 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY015999.D

Acq: 17 Oct 2023 12:46

Instrument :

MSVOA_Y

ClientSampleId :

VY1017SBSD02

Tgt Ion: 83 Resp: 6685

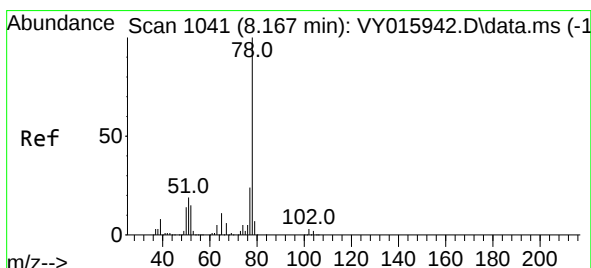
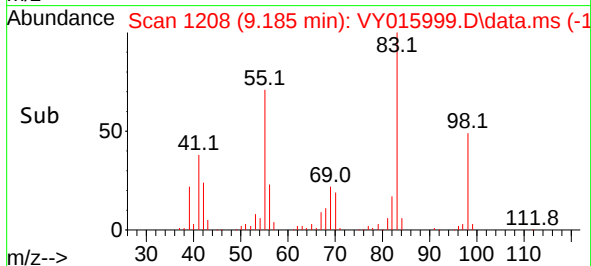
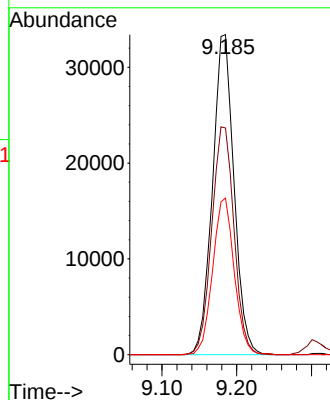
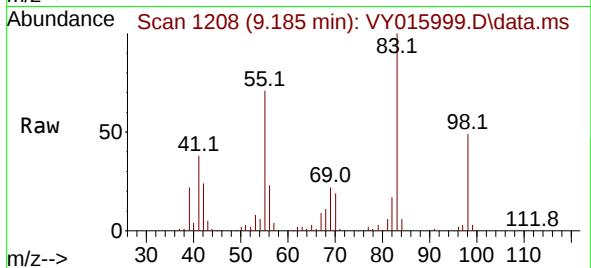
Ion	Ratio	Lower	Upper
83	100		
55	70.8	63.0	94.4
98	49.0	37.4	56.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/18/2023

Supervised By :Semsettin Yesilyurt 10/20/2023



#40

Benzene

Concen: 19.025 ug/l

RT: 8.161 min Scan# 1040

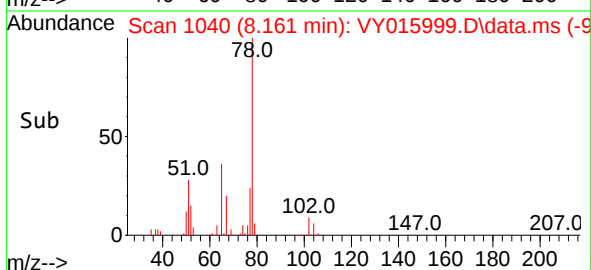
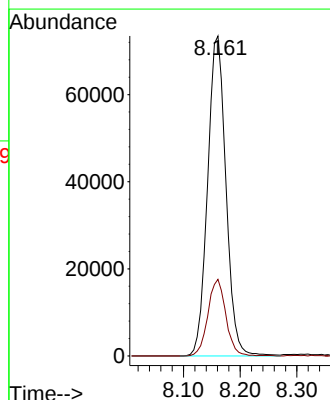
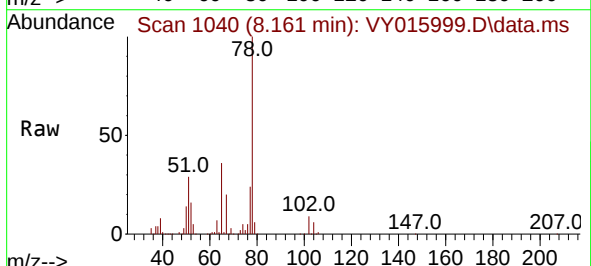
Delta R.T. -0.006 min

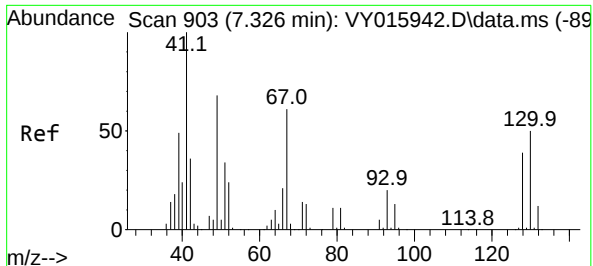
Lab File: VY015999.D

Acq: 17 Oct 2023 12:46

Tgt Ion: 78 Resp: 165086

Ion	Ratio	Lower	Upper
78	100		
77	24.0	19.0	28.6





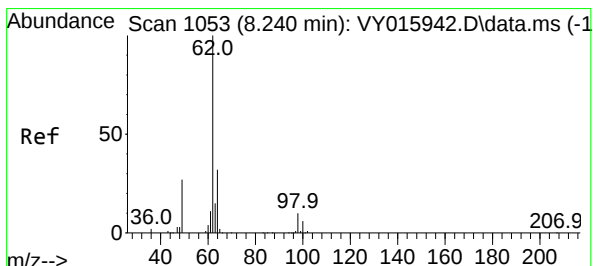
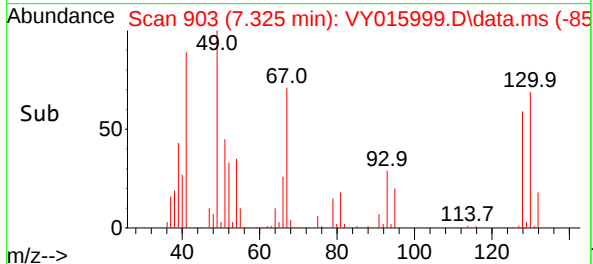
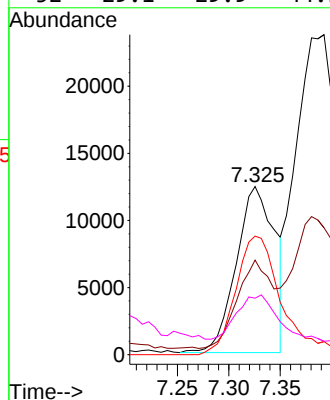
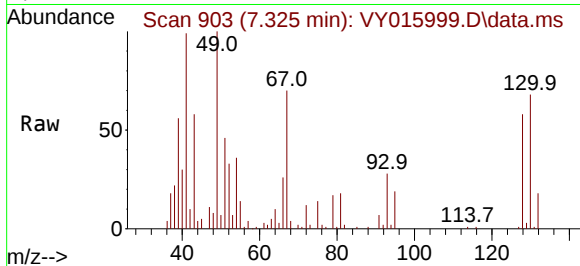
#41
Methacrylonitrile
Concen: 21.182 ug/l
RT: 7.325 min Scan# 903
Delta R.T. -0.000 min
Lab File: VY015999.D
Acq: 17 Oct 2023 12:46

Instrument :
MSVOA_Y
ClientSampleId :
VY1017SBSD02

Tgt Ion: 41 Resp: 32318
Ion Ratio Lower Upper
41 100
39 45.9 52.1 78.1
67 87.8 66.2 99.2
52 29.1 29.9 44.9#

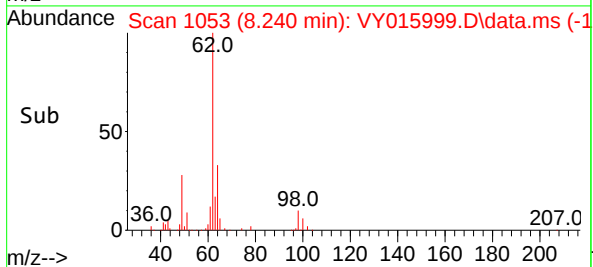
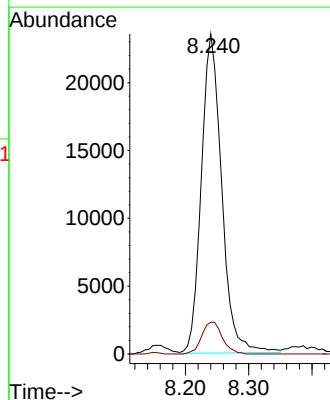
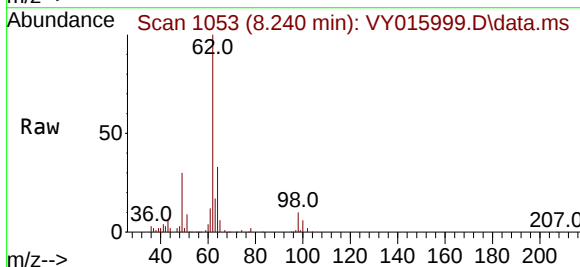
Manual Integrations
APPROVED

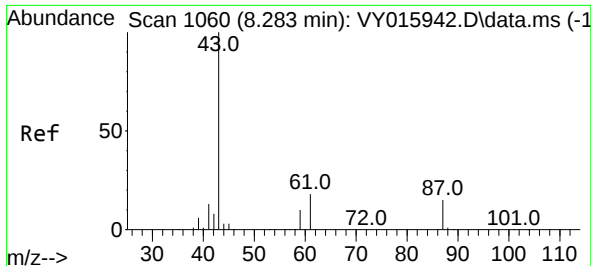
Reviewed By :John Carlone 10/18/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#42
1,2-Dichloroethane
Concen: 18.984 ug/l
RT: 8.240 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VY015999.D
Acq: 17 Oct 2023 12:46

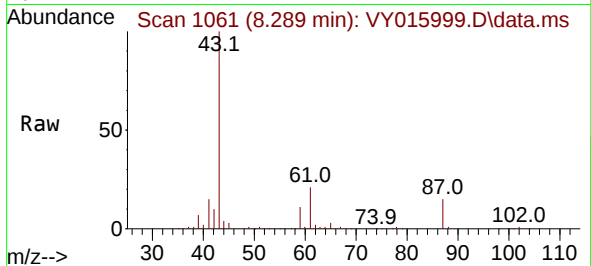
Tgt Ion: 62 Resp: 52857
Ion Ratio Lower Upper
62 100
98 10.1 0.0 15.8





#43
Isopropyl Acetate
Concen: 21.497 ug/l
RT: 8.289 min Scan# 1061
Delta R.T. 0.006 min
Lab File: VY015999.D
Acq: 17 Oct 2023 12:46

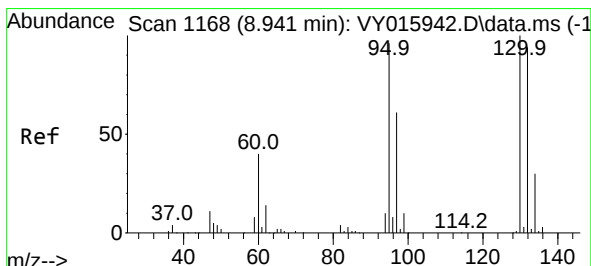
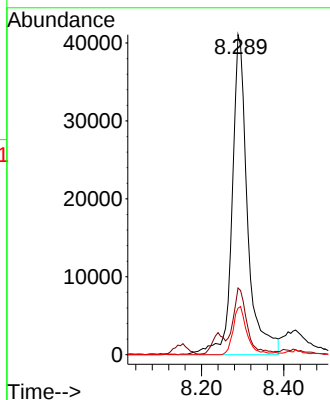
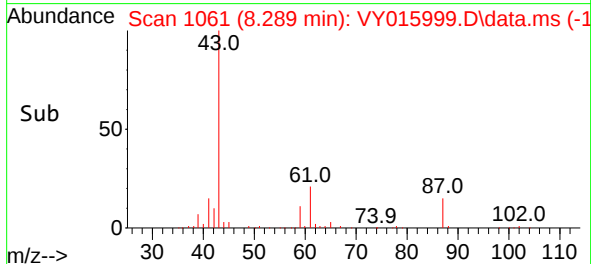
Instrument :
MSVOA_Y
ClientSampleId :
VY1017SBS02



Tgt Ion: 43 Resp: 10686
Ion Ratio Lower Upper
43 100
61 17.1 21.1 31.7
87 13.5 9.8 14.8

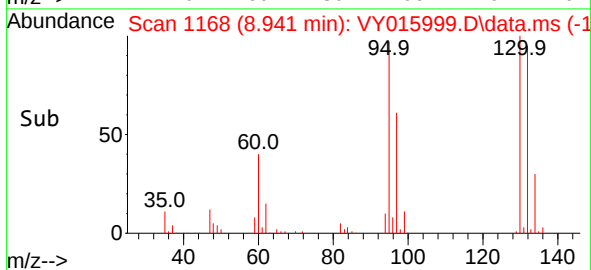
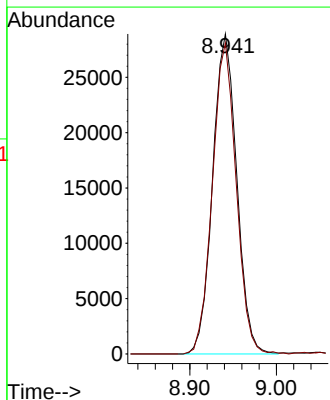
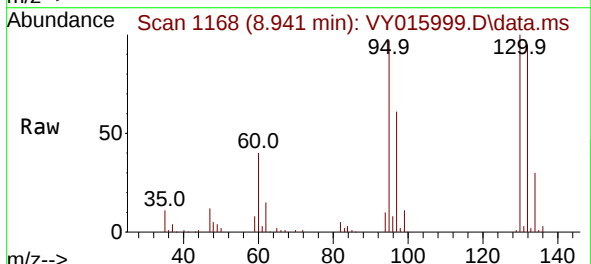
Manual Integrations
APPROVED

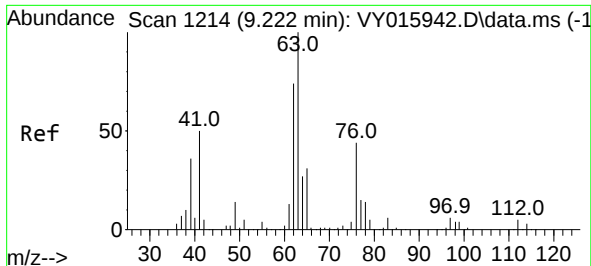
Reviewed By :John Carlone 10/18/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#44
Trichloroethene
Concen: 20.874 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. -0.000 min
Lab File: VY015999.D
Acq: 17 Oct 2023 12:46

Tgt Ion:130 Resp: 55818
Ion Ratio Lower Upper
130 100
95 97.2 0.0 196.0





#45

1,2-Dichloropropane

Concen: 19.437 ug/l

RT: 9.221 min Scan# 1214

Delta R.T. -0.000 min

Lab File: VY015999.D

Acq: 17 Oct 2023 12:46

Instrument :

MSVOA_Y

ClientSampleId :

VY1017SBSD02

Tgt Ion: 63 Resp: 4303

Ion Ratio Lower Upper

63 100

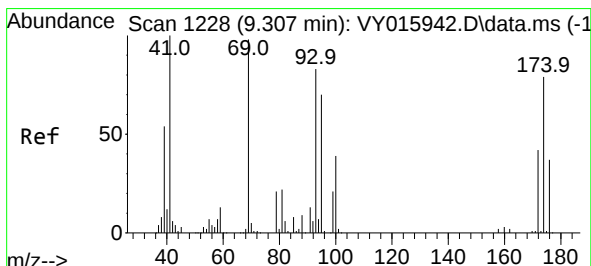
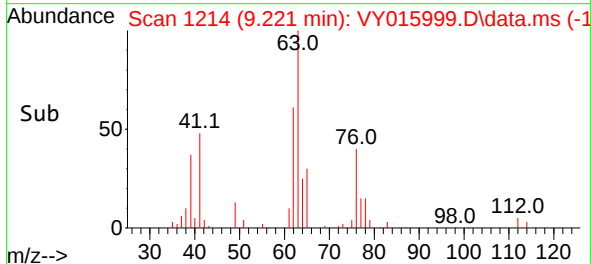
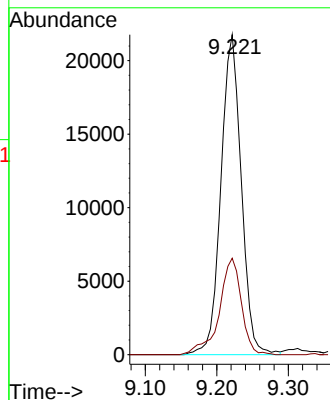
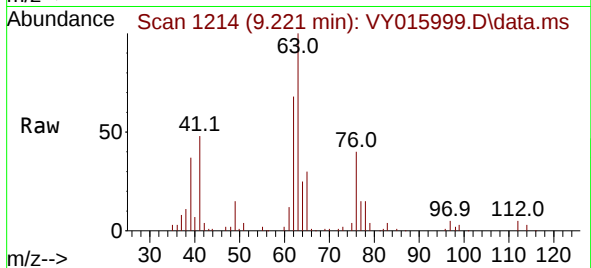
65 30.2 23.8 35.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/18/2023

Supervised By :Semsettin Yesilyurt 10/20/2023



#46

Dibromomethane

Concen: 18.748 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. -0.000 min

Lab File: VY015999.D

Acq: 17 Oct 2023 12:46

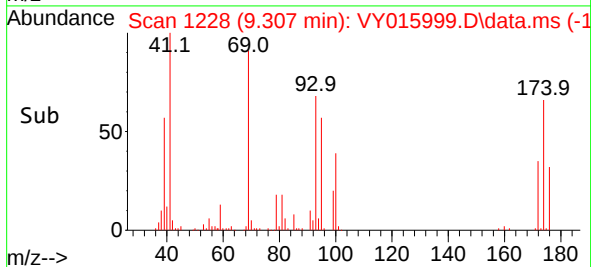
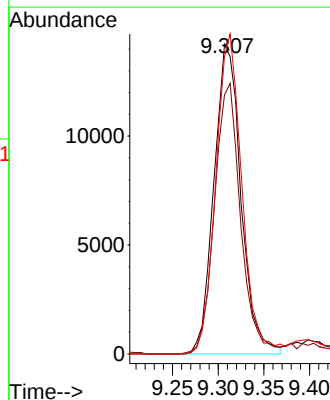
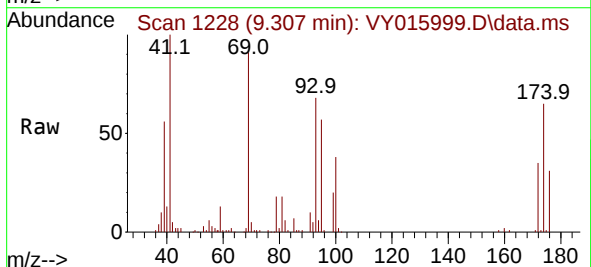
Tgt Ion: 93 Resp: 29178

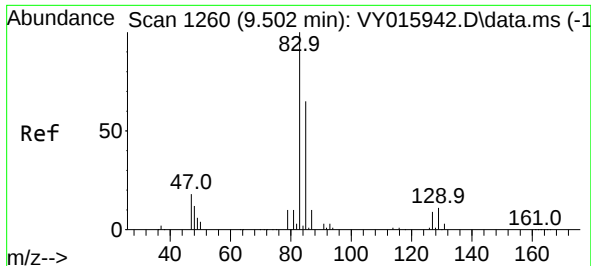
Ion Ratio Lower Upper

93 100

95 84.8 66.6 100.0

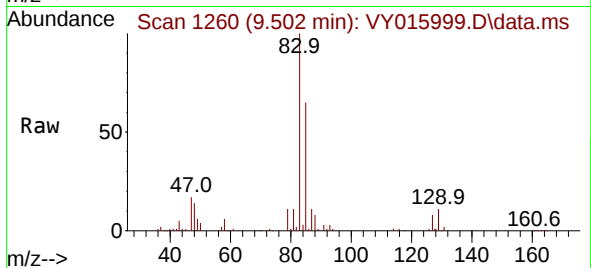
174 100.2 84.8 127.2





#47
Bromodichloromethane
Concen: 18.714 ug/l
RT: 9.502 min Scan# 1260
Delta R.T. -0.000 min
Lab File: VY015999.D
Acq: 17 Oct 2023 12:46

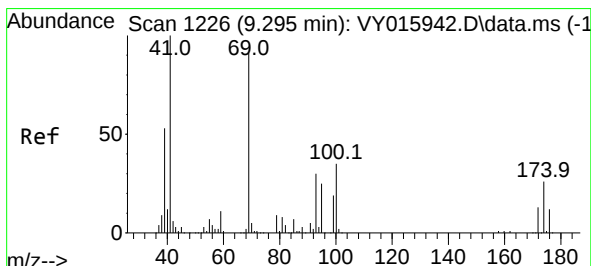
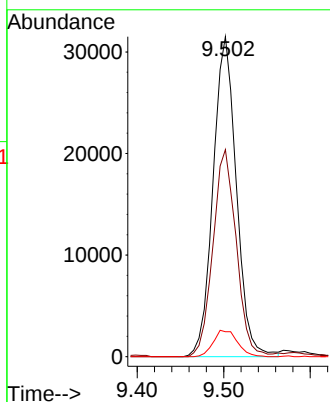
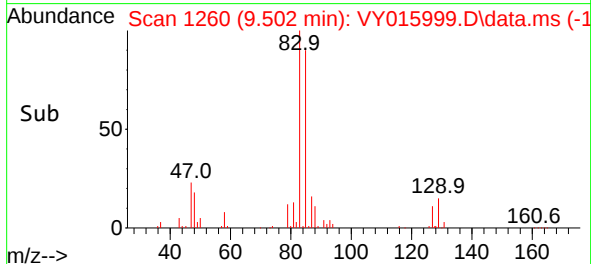
Instrument :
MSVOA_Y
ClientSampleId :
VY1017SBSD02



Tgt Ion: 83 Resp: 5881
Ion Ratio Lower Upper
83 100
85 64.7 50.1 75.1
127 7.8 7.1 10.7

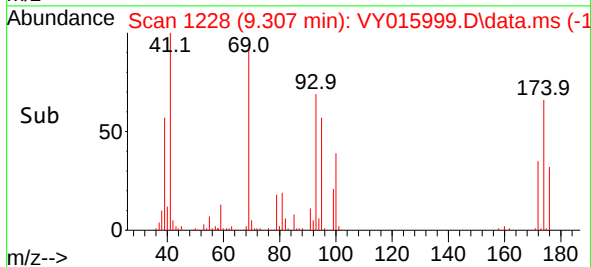
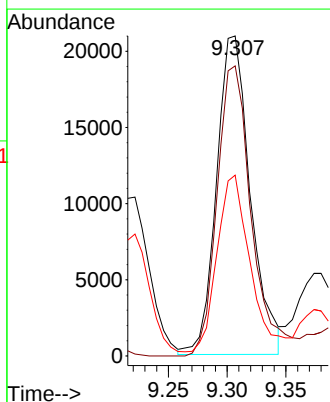
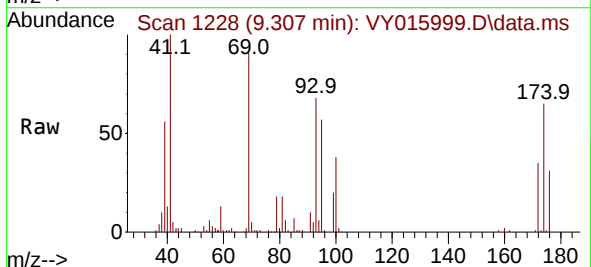
Manual Integrations
APPROVED

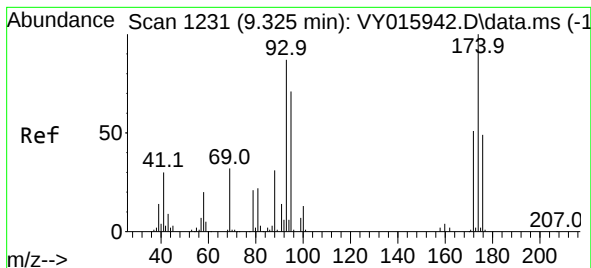
Reviewed By :John Carlone 10/18/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#48
Methyl methacrylate
Concen: 19.090 ug/l
RT: 9.307 min Scan# 1228
Delta R.T. 0.012 min
Lab File: VY015999.D
Acq: 17 Oct 2023 12:46

Tgt Ion: 41 Resp: 41918
Ion Ratio Lower Upper
41 100
69 93.4 64.5 96.7
39 56.5 50.8 76.2





#49

1,4-Dioxane

Concen: 231.779 ug/l

RT: 9.380 min Scan# 1240

Delta R.T. 0.055 min

Lab File: VY015999.D

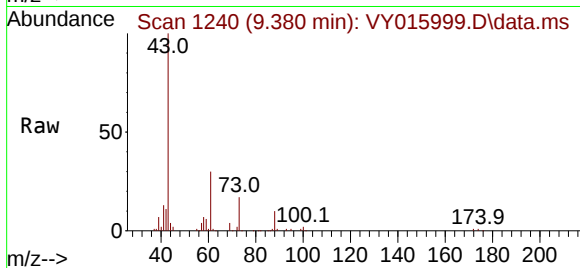
Acq: 17 Oct 2023 12:46

Instrument :

MSVOA_Y

ClientSampleId :

VY1017SBS02



Tgt Ion: 88 Resp: 10060

Ion Ratio Lower Upper

88 100

43 903.3 0.0 0.0

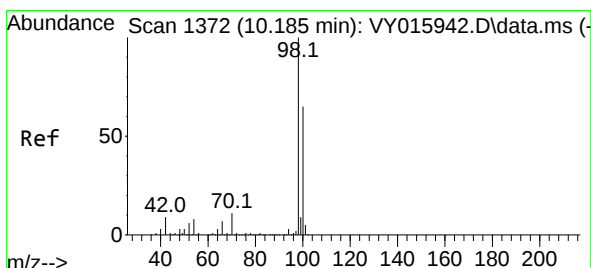
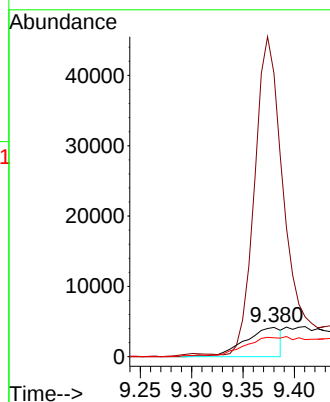
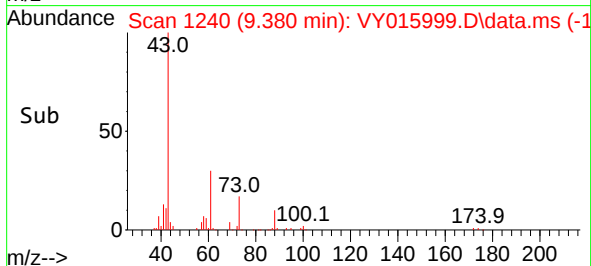
58 102.0 30.9 46.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/18/2023

Supervised By :Semsettin Yesilyurt 10/20/2023



#50

Toluene-d8

Concen: 50.272 ug/l

RT: 10.185 min Scan# 1372

Delta R.T. -0.000 min

Lab File: VY015999.D

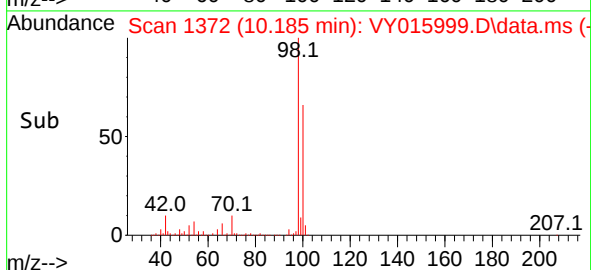
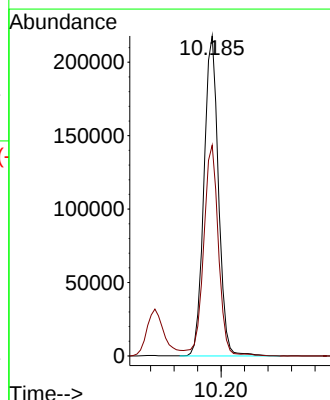
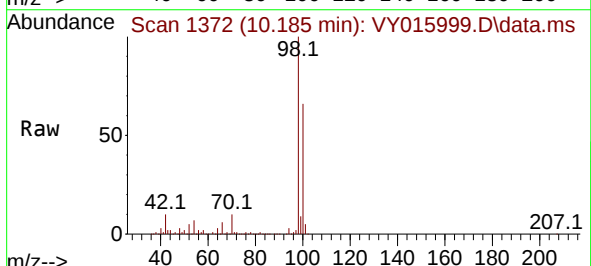
Acq: 17 Oct 2023 12:46

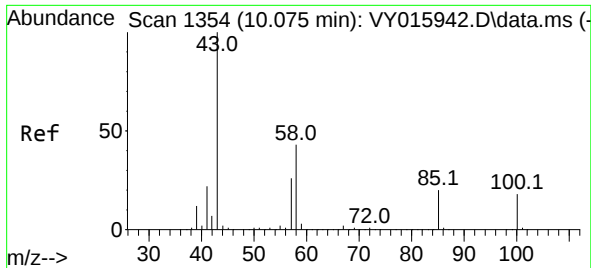
Tgt Ion: 98 Resp: 374192

Ion Ratio Lower Upper

98 100

100 67.2 50.1 75.1





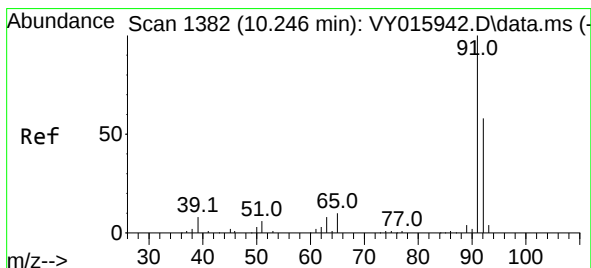
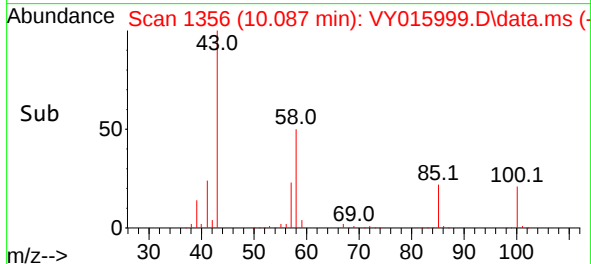
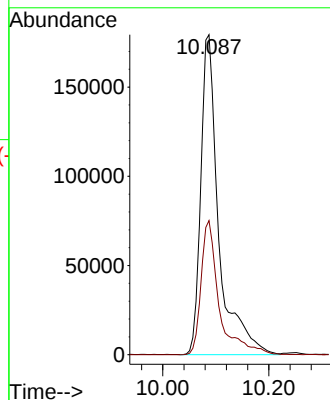
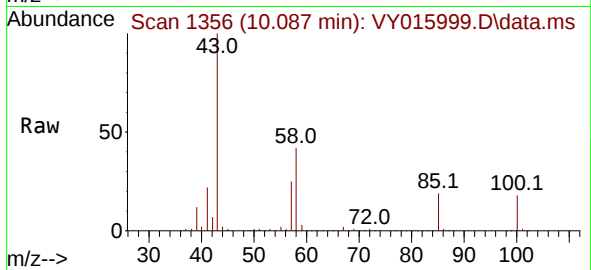
#51
4-Methyl-2-Pentanone
Concen: 115.287 ug/l
RT: 10.087 min Scan# 1356
Delta R.T. 0.012 min
Lab File: VY015999.D
Acq: 17 Oct 2023 12:46

Instrument :
MSVOA_Y
ClientSampleId :
VY1017SBSD02

Tgt Ion: 43 Resp: 42236
Ion Ratio Lower Upper
43 100
58 42.1 29.0 43.6

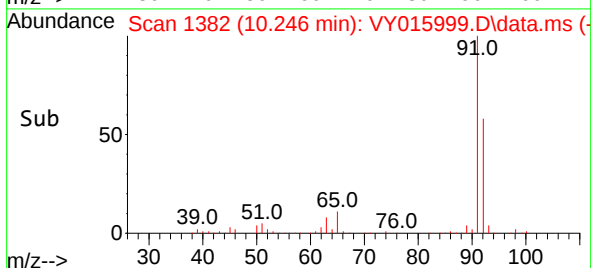
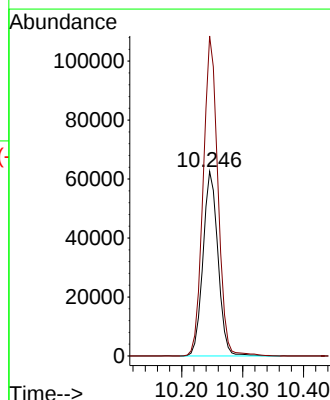
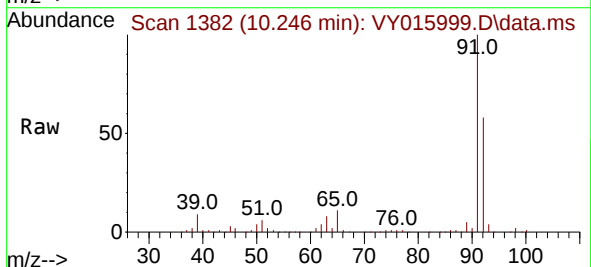
Manual Integrations
APPROVED

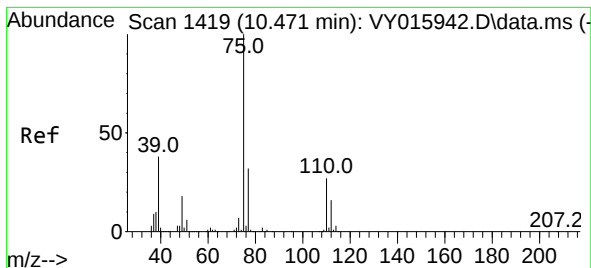
Reviewed By :John Carlone 10/18/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#52
Toluene
Concen: 19.253 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. -0.000 min
Lab File: VY015999.D
Acq: 17 Oct 2023 12:46

Tgt Ion: 92 Resp: 106814
Ion Ratio Lower Upper
92 100
91 170.9 143.8 215.6





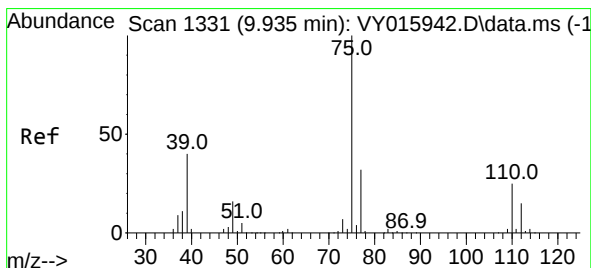
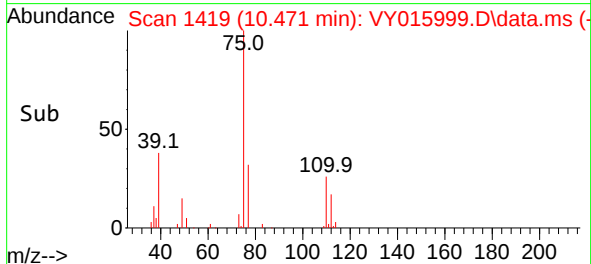
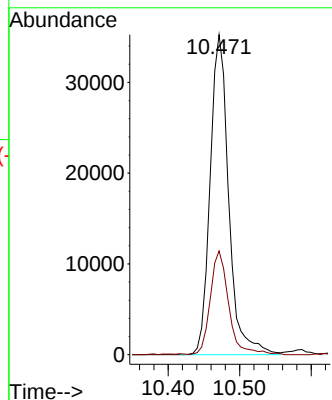
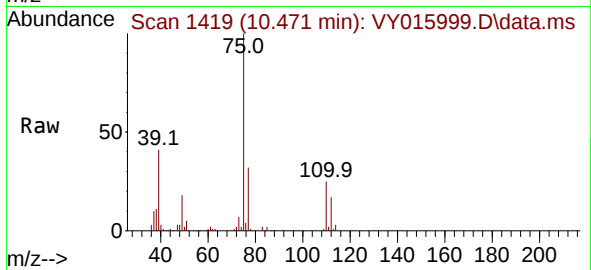
#53
 t-1,3-Dichloropropene
 Concen: 18.073 ug/l
 RT: 10.471 min Scan# 1419
 Delta R.T. -0.000 min
 Lab File: VY015999.D
 Acq: 17 Oct 2023 12:46

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1017SBSD02

Tgt Ion: 75 Resp: 63684
 Ion Ratio Lower Upper
 75 100
 77 32.1 25.0 37.4

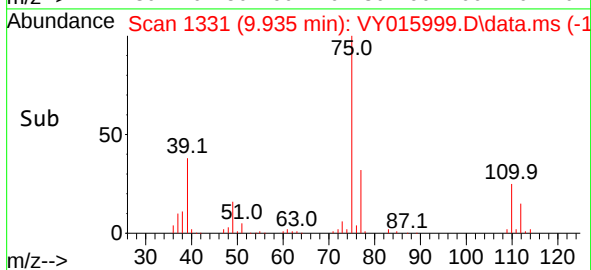
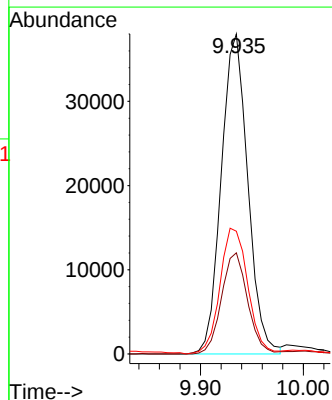
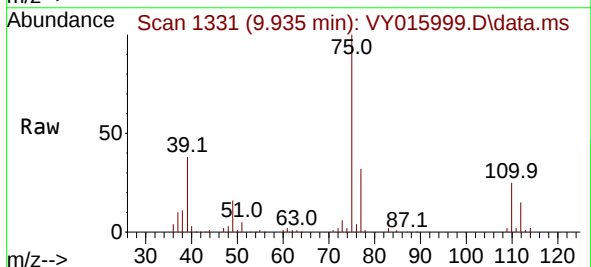
Manual Integrations
 APPROVED

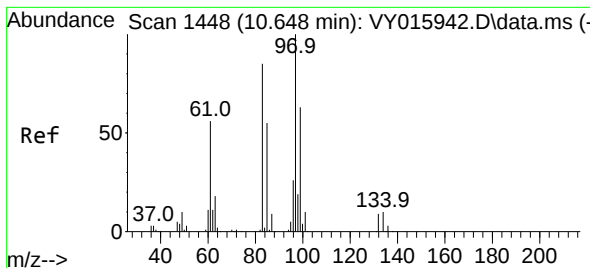
Reviewed By :John Carlone 10/18/2023
 Supervised By :Semsettin Yesilyurt 10/20/2023



#54
 cis-1,3-Dichloropropene
 Concen: 18.003 ug/l
 RT: 9.935 min Scan# 1331
 Delta R.T. -0.000 min
 Lab File: VY015999.D
 Acq: 17 Oct 2023 12:46

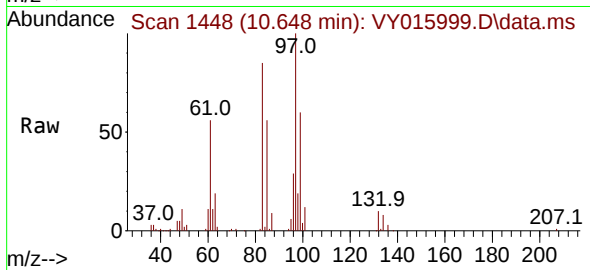
Tgt Ion: 75 Resp: 68194
 Ion Ratio Lower Upper
 75 100
 77 31.6 24.2 36.4
 39 37.9 42.2 63.4#





#55
1,1,2-Trichloroethane
Concen: 20.024 ug/l
RT: 10.648 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VY015999.D
Acq: 17 Oct 2023 12:46

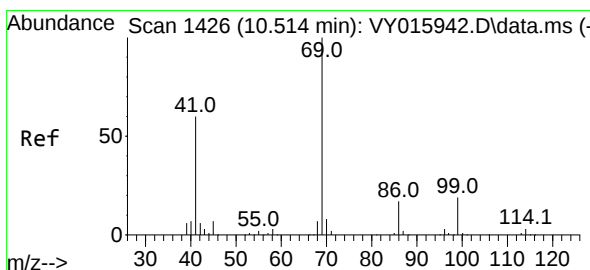
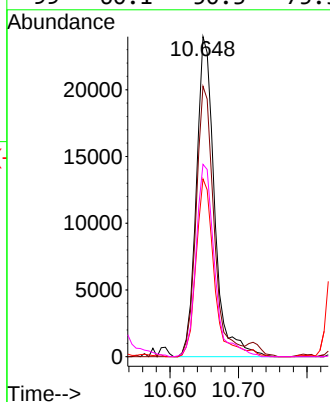
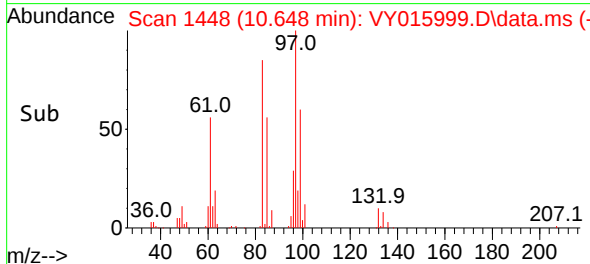
Instrument :
MSVOA_Y
ClientSampleId :
VY1017SBSD02



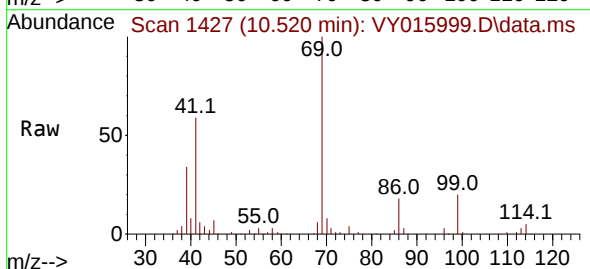
Tgt Ion: 97 Resp: 44370
Ion Ratio Lower Upper
97 100
83 84.5 72.0 108.0
85 55.6 45.4 68.0
99 60.1 50.3 75.5

Manual Integrations
APPROVED

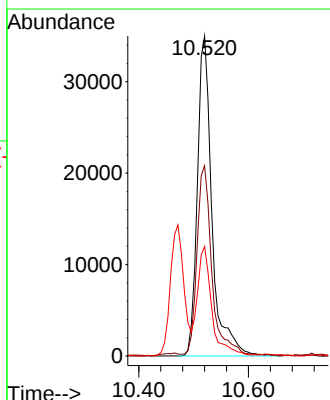
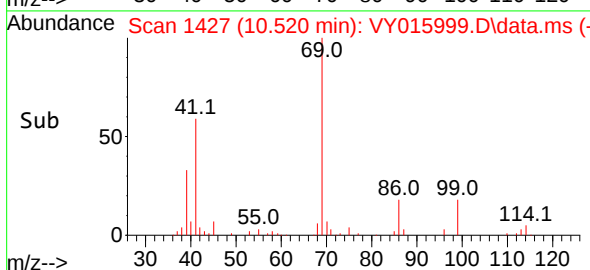
Reviewed By :John Carlone 10/18/2023
Supervised By :Semsettin Yesilyurt 10/20/2023

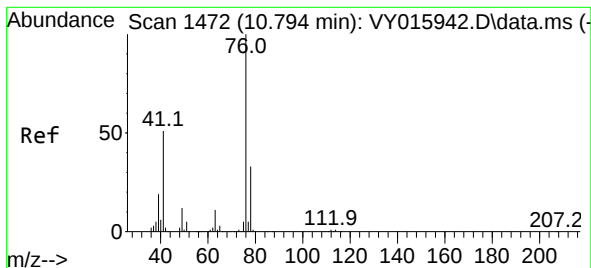


#56
Ethyl methacrylate
Concen: 18.739 ug/l
RT: 10.520 min Scan# 1427
Delta R.T. 0.006 min
Lab File: VY015999.D
Acq: 17 Oct 2023 12:46



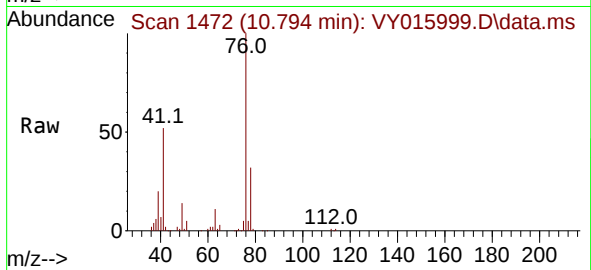
Tgt Ion: 69 Resp: 65003
Ion Ratio Lower Upper
69 100
41 60.5 57.6 86.4
39 32.9 34.1 51.1#





#57
1,3-Dichloropropane
Concen: 19.212 ug/l
RT: 10.794 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VY015999.D
Acq: 17 Oct 2023 12:46

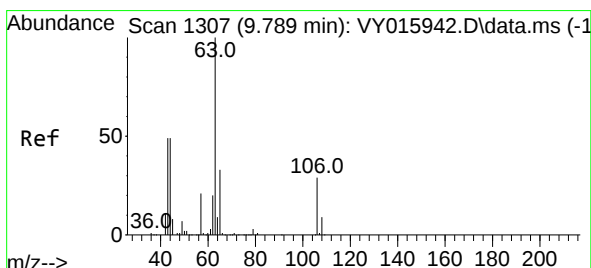
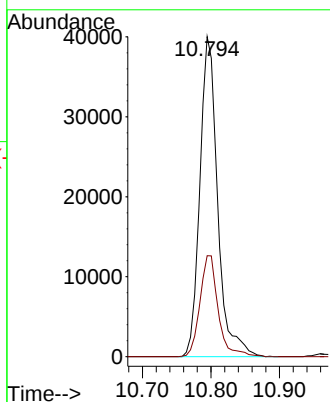
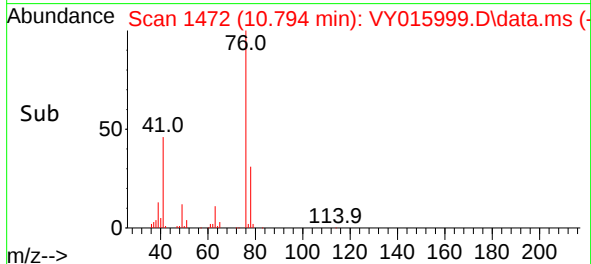
Instrument :
MSVOA_Y
ClientSampleId :
VY1017SBSD02



Tgt Ion: 76 Resp: 72219
Ion Ratio Lower Upper
76 100
78 32.5 25.3 37.9

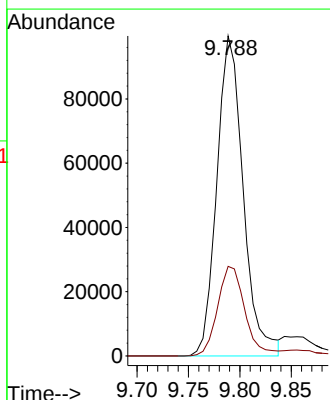
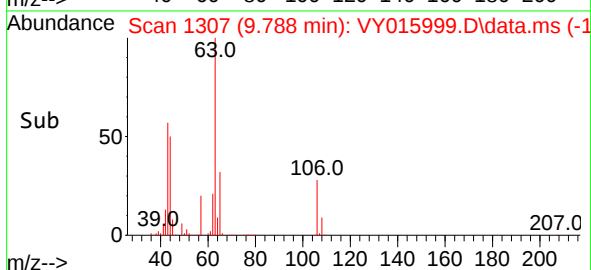
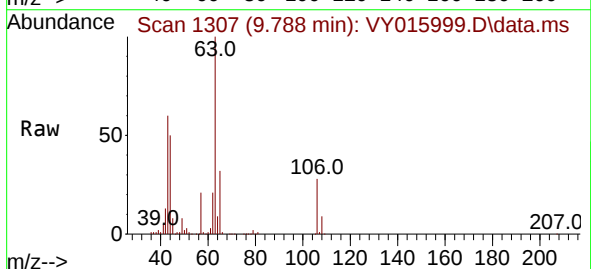
Manual Integrations
APPROVED

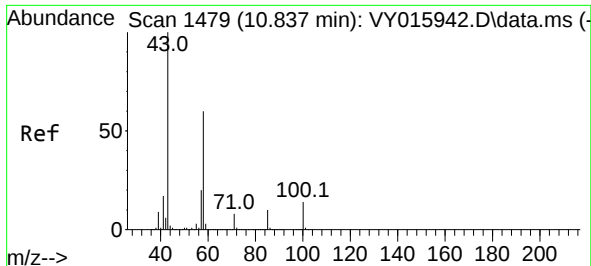
Reviewed By :John Carlone 10/18/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#58
2-Chloroethyl Vinyl ether
Concen: 116.805 ug/l
RT: 9.788 min Scan# 1307
Delta R.T. -0.000 min
Lab File: VY015999.D
Acq: 17 Oct 2023 12:46

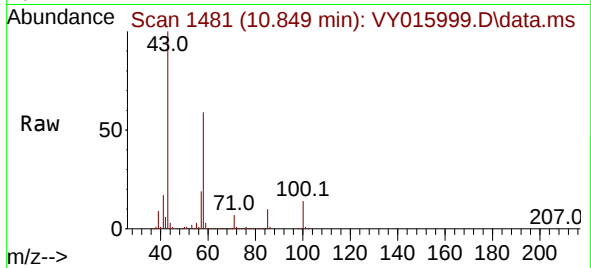
Tgt Ion: 63 Resp: 177802
Ion Ratio Lower Upper
63 100
106 29.0 21.2 31.8





#59
2-Hexanone
Concen: 120.422 ug/l
RT: 10.849 min Scan# 1479
Delta R.T. 0.012 min
Lab File: VY015999.D
Acq: 17 Oct 2023 12:46

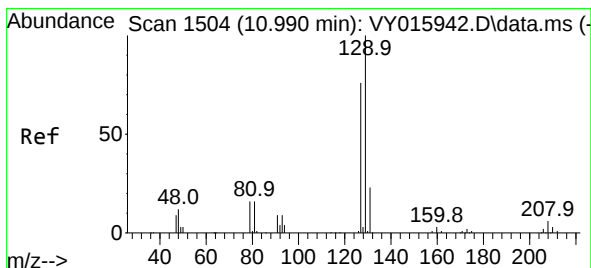
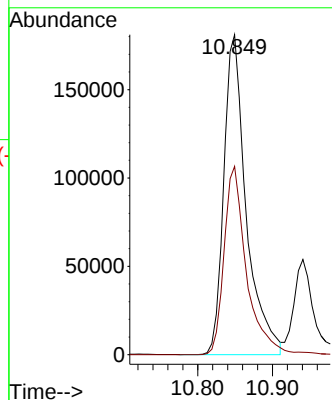
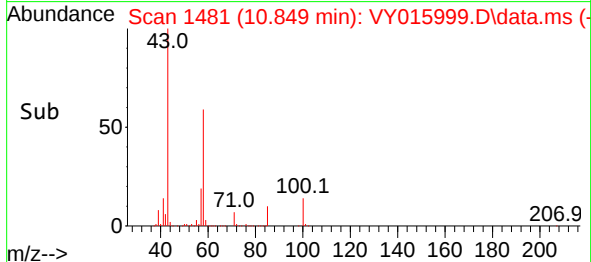
Instrument :
MSVOA_Y
ClientSampleId :
VY1017SBSD02



Tgt Ion: 43 Resp: 376592
Ion Ratio Lower Upper
43 100
58 59.4 25.1 75.3

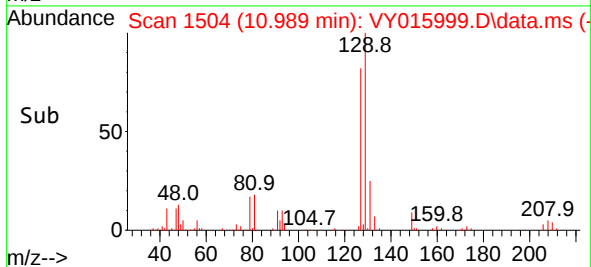
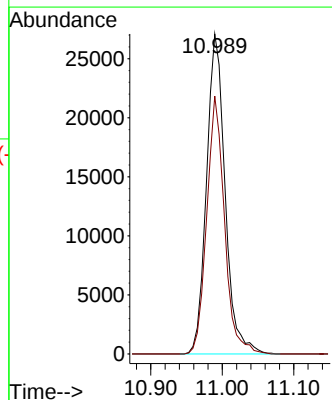
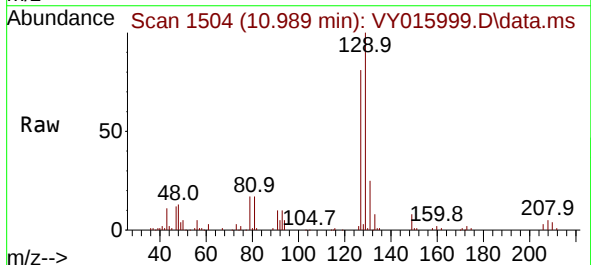
Manual Integrations
APPROVED

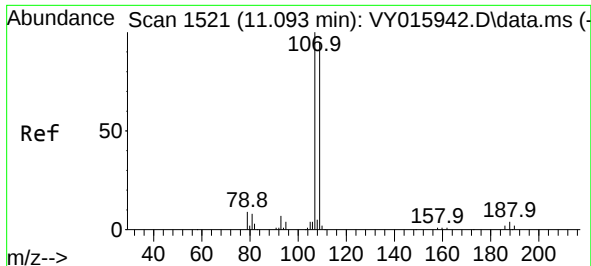
Reviewed By :John Carlone 10/18/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#60
Dibromochloromethane
Concen: 19.435 ug/l
RT: 10.989 min Scan# 1504
Delta R.T. -0.000 min
Lab File: VY015999.D
Acq: 17 Oct 2023 12:46

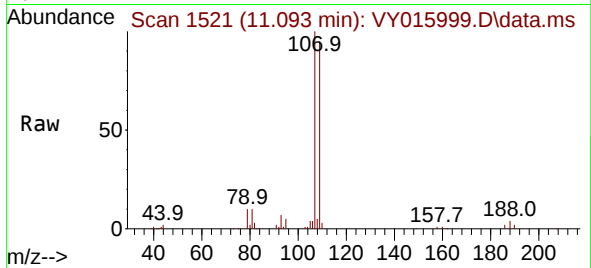
Tgt Ion:129 Resp: 48974
Ion Ratio Lower Upper
129 100
127 77.1 38.5 115.5





#61
1,2-Dibromoethane
Concen: 19.764 ug/l
RT: 11.093 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY015999.D
Acq: 17 Oct 2023 12:46

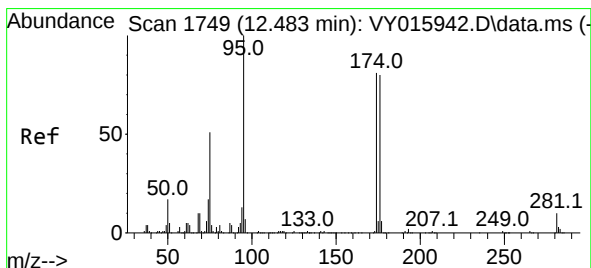
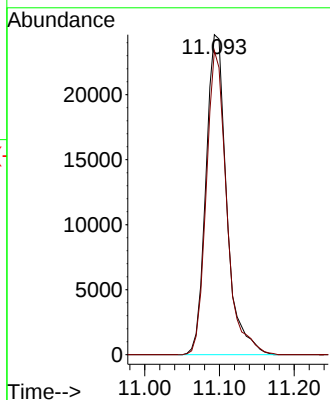
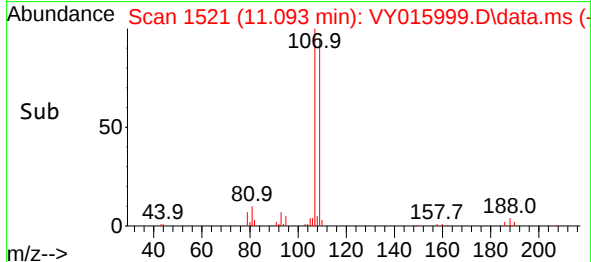
Instrument :
MSVOA_Y
ClientSampleId :
VY1017SBSD02



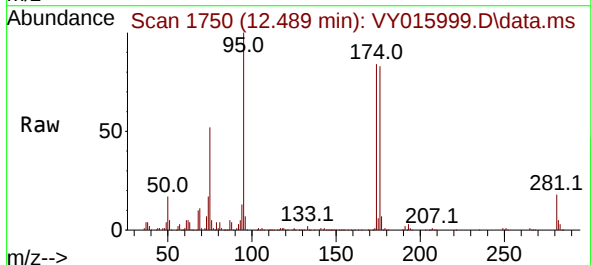
Tgt Ion:107 Resp: 47380
Ion Ratio Lower Upper
107 100
109 93.7 75.6 113.4

Manual Integrations
APPROVED

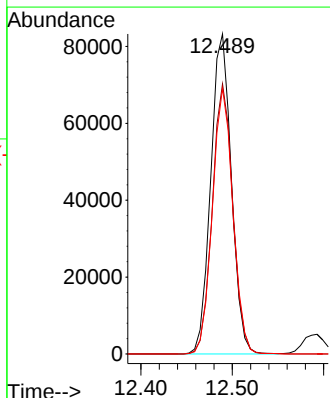
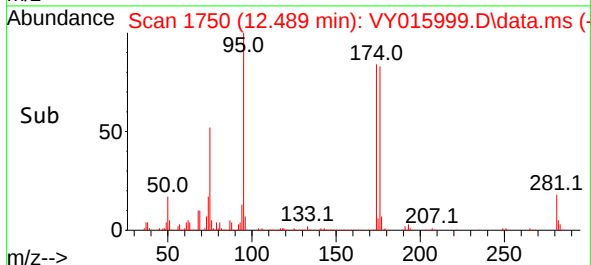
Reviewed By :John Carlone 10/18/2023
Supervised By :Semsettin Yesilyurt 10/20/2023

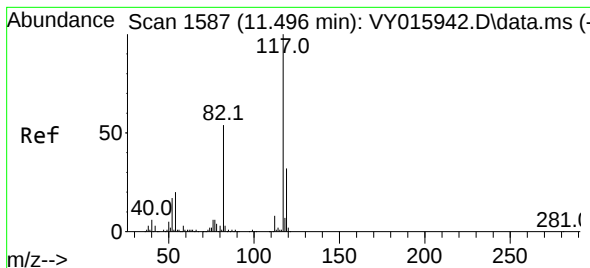


#62
4-Bromofluorobenzene
Concen: 49.172 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VY015999.D
Acq: 17 Oct 2023 12:46



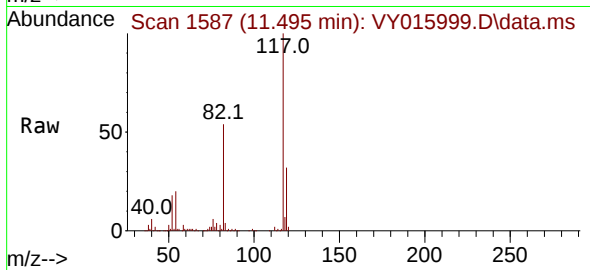
Tgt Ion: 95 Resp: 130327
Ion Ratio Lower Upper
95 100
174 84.0 0.0 178.2
176 82.4 0.0 173.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY015999.D
Acq: 17 Oct 2023 12:46

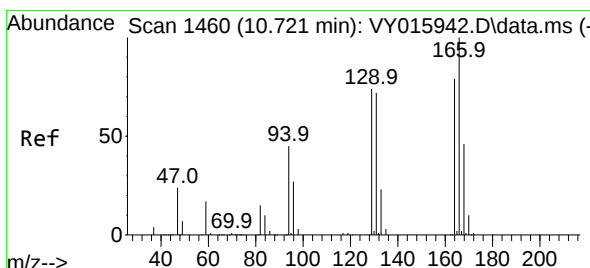
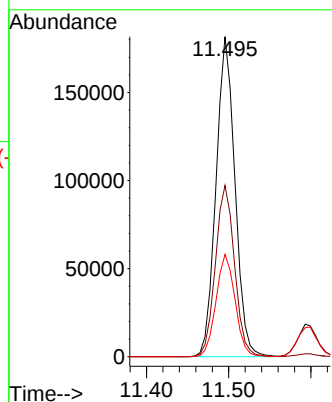
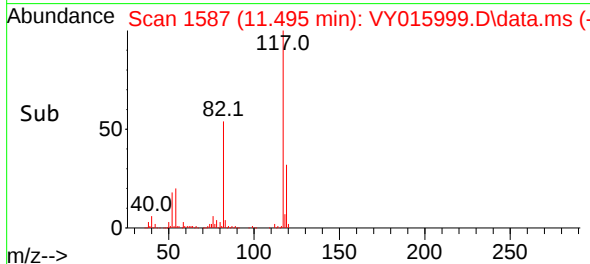
Instrument :
MSVOA_Y
ClientSampleId :
VY1017SBSD02



Tgt Ion:117 Resp: 290998
Ion Ratio Lower Upper
117 100
82 53.5 43.4 65.0
119 31.9 26.3 39.5

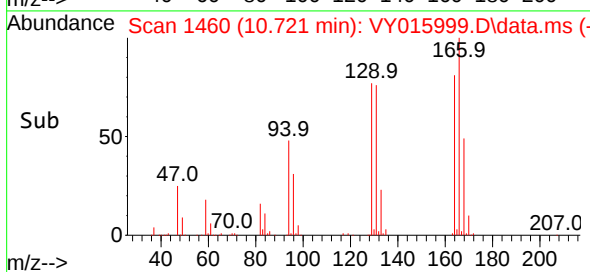
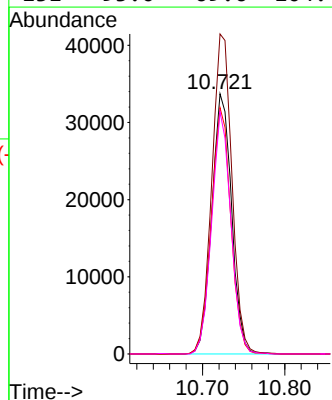
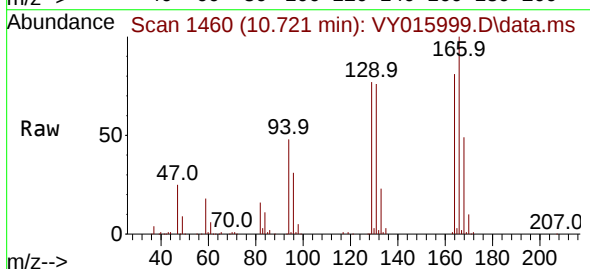
Manual Integrations
APPROVED

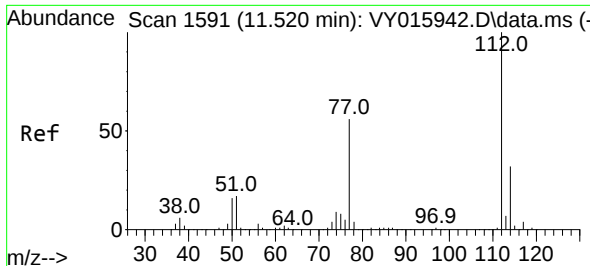
Reviewed By :John Carlone 10/18/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#64
Tetrachloroethene
Concen: 22.259 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. -0.000 min
Lab File: VY015999.D
Acq: 17 Oct 2023 12:46

Tgt Ion:164 Resp: 56464
Ion Ratio Lower Upper
164 100
166 123.0 103.0 154.6
129 94.6 77.2 115.8
131 93.0 69.6 104.4





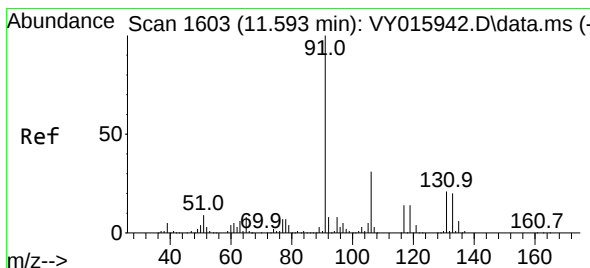
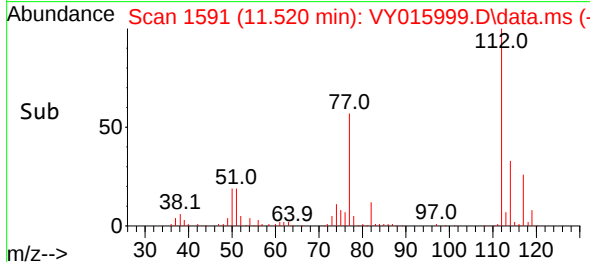
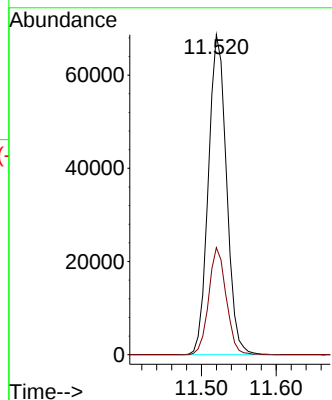
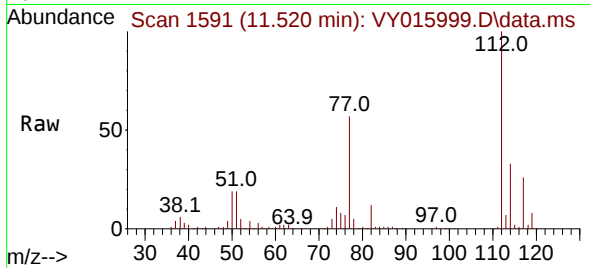
#65
Chlorobenzene
Concen: 18.988 ug/l
RT: 11.520 min Scan# 11577
Delta R.T. -0.000 min
Lab File: VY015999.D
Acq: 17 Oct 2023 12:46

Instrument :
MSVOA_Y
ClientSampleId :
VY1017SBSD02

Tgt Ion:112 Resp: 11577
Ion Ratio Lower Upper
112 100
114 33.4 25.5 38.3

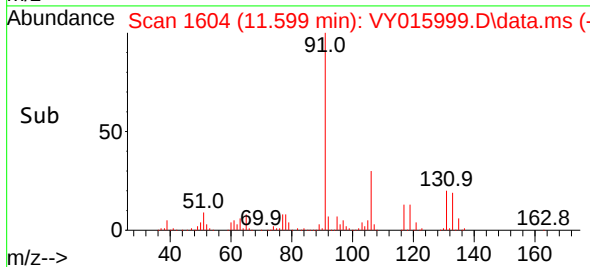
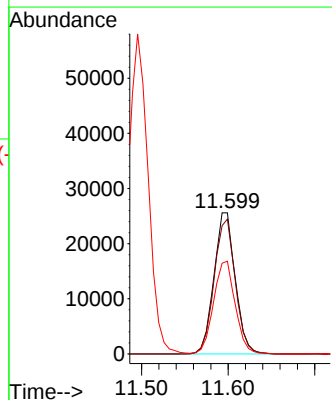
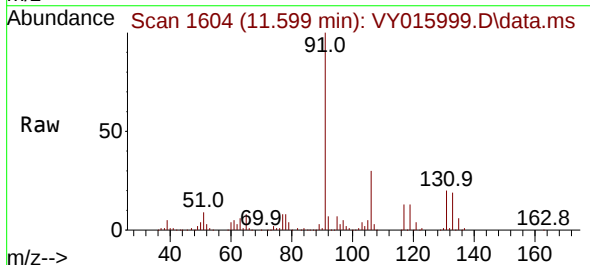
Manual Integrations
APPROVED

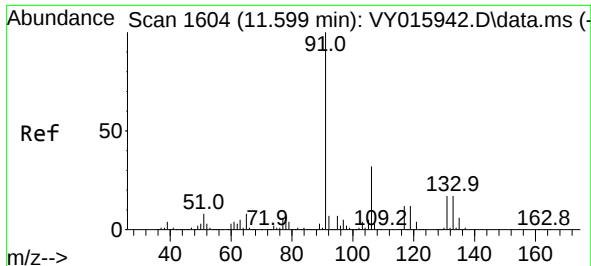
Reviewed By :John Carlone 10/18/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 19.397 ug/l
RT: 11.599 min Scan# 1604
Delta R.T. 0.006 min
Lab File: VY015999.D
Acq: 17 Oct 2023 12:46

Tgt Ion:131 Resp: 43780
Ion Ratio Lower Upper
131 100
133 94.9 47.5 142.6
119 66.7 31.6 94.7





#67

Ethyl Benzene

Concen: 18.940 ug/l

RT: 11.599 min Scan# 1604

Delta R.T. -0.000 min

Lab File: VY015999.D

Acq: 17 Oct 2023 12:46

Instrument :

MSVOA_Y

ClientSampleId :

VY1017SBSD02

Tgt Ion: 91 Resp: 201919

Ion Ratio Lower Upper

91 100

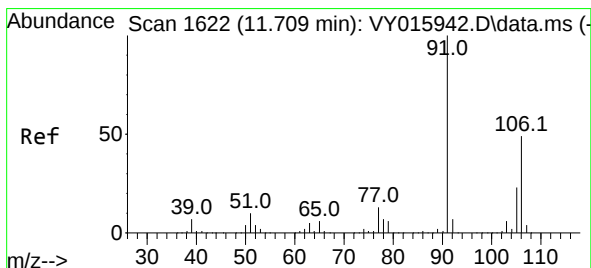
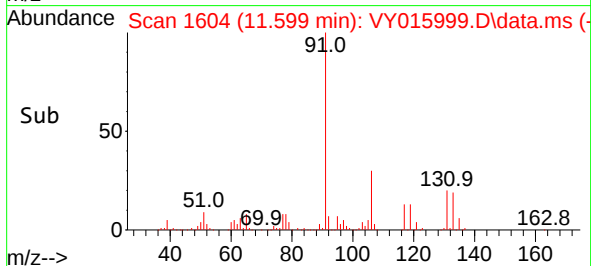
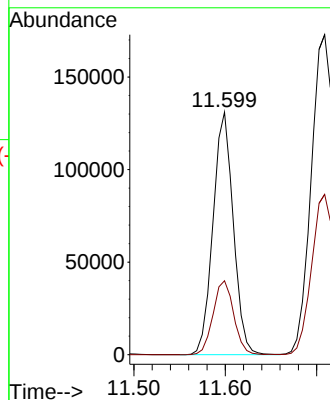
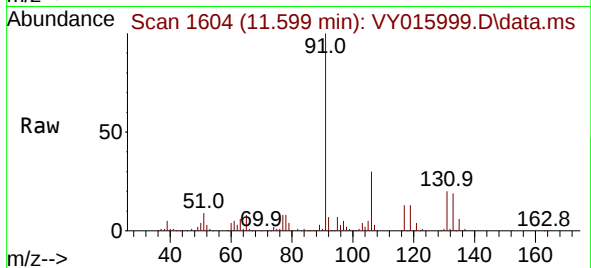
106 30.5 24.6 36.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/18/2023

Supervised By :Semsettin Yesilyurt 10/20/2023



#68

m/p-Xylenes

Concen: 38.518 ug/l

RT: 11.709 min Scan# 1622

Delta R.T. -0.000 min

Lab File: VY015999.D

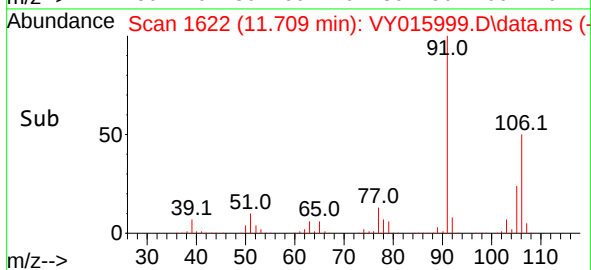
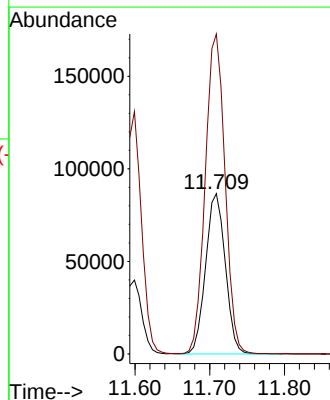
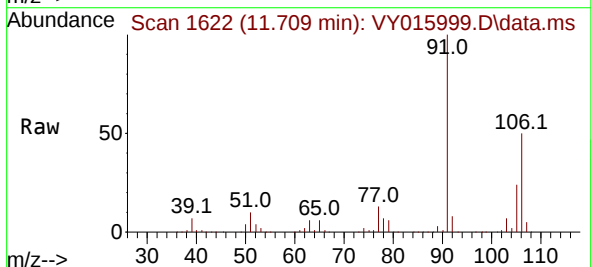
Acq: 17 Oct 2023 12:46

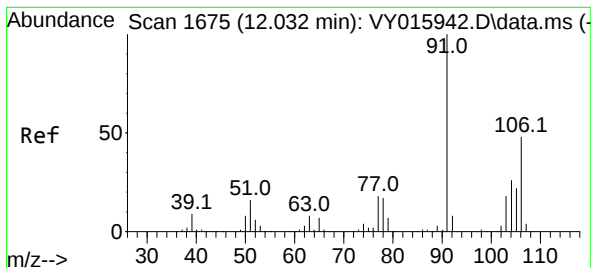
Tgt Ion:106 Resp: 158475

Ion Ratio Lower Upper

106 100

91 200.3 166.1 249.1





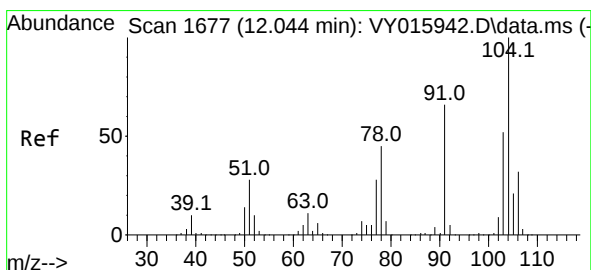
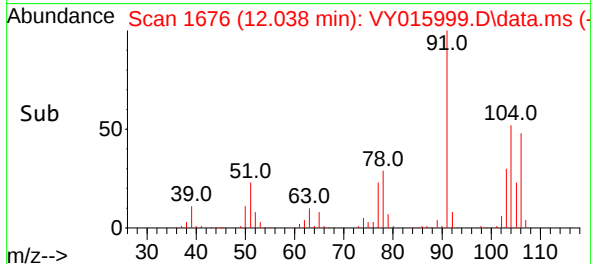
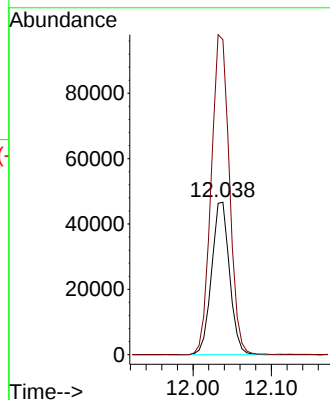
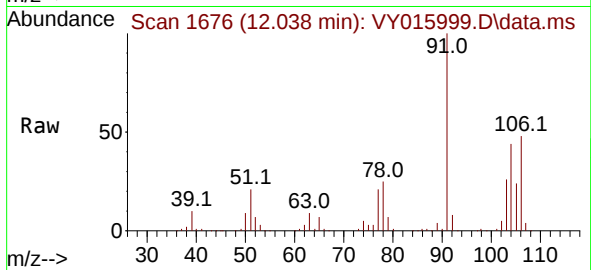
#69
o-Xylene
Concen: 18.862 ug/l
RT: 12.038 min Scan# 1675
Delta R.T. 0.006 min
Lab File: VY015999.D
Acq: 17 Oct 2023 12:46

Instrument :
MSVOA_Y
ClientSampleId :
VY1017SBSD02

Tgt Ion:106 Resp: 7419
Ion Ratio Lower Upper
106 100
91 213.0 108.1 324.3

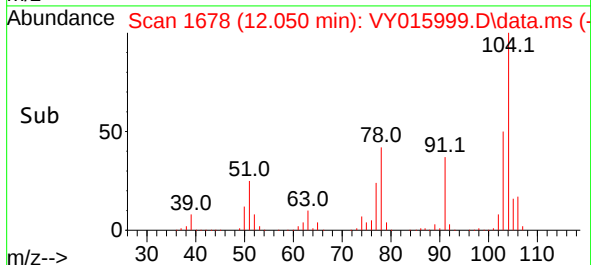
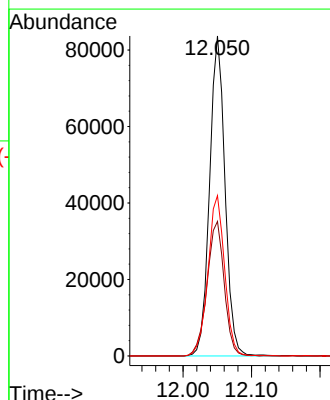
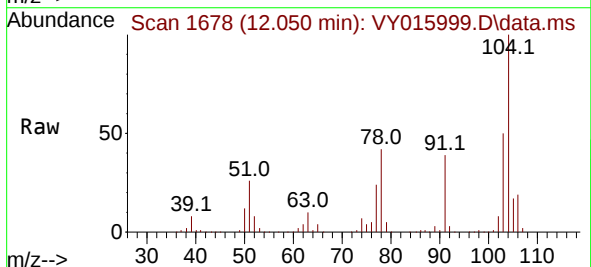
Manual Integrations
APPROVED

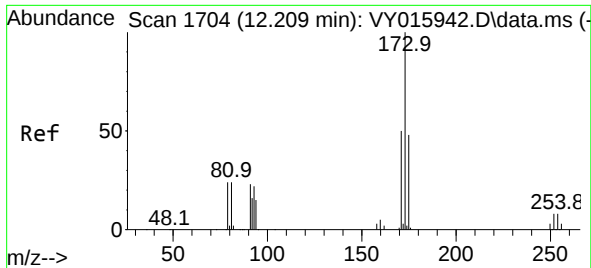
Reviewed By :John Carlone 10/18/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#70
Styrene
Concen: 19.608 ug/l
RT: 12.050 min Scan# 1678
Delta R.T. 0.006 min
Lab File: VY015999.D
Acq: 17 Oct 2023 12:46

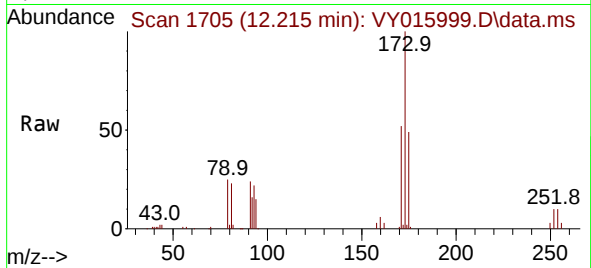
Tgt Ion:104 Resp: 131261
Ion Ratio Lower Upper
104 100
78 46.8 41.5 62.3
103 54.3 44.6 67.0





#71
Bromoform
Concen: 19.475 ug/l
RT: 12.215 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY015999.D
Acq: 17 Oct 2023 12:46

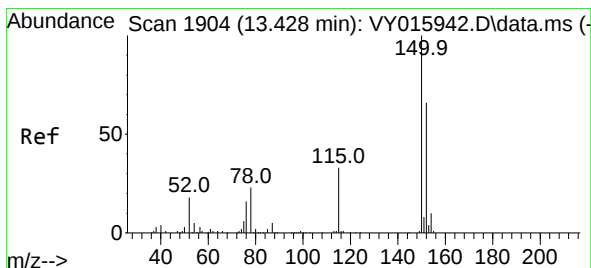
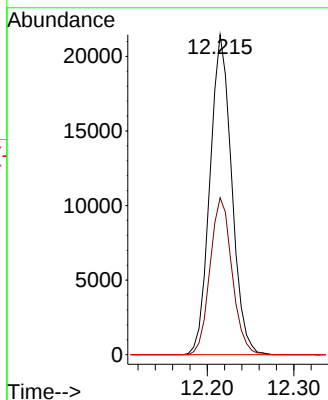
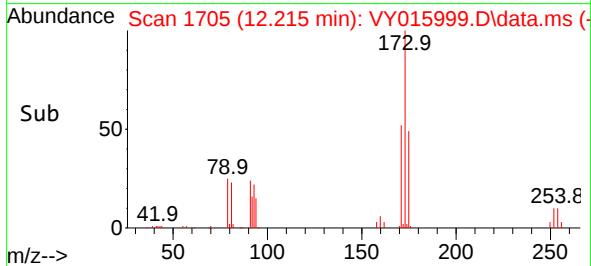
Instrument :
MSVOA_Y
ClientSampleId :
VY1017SBSD02



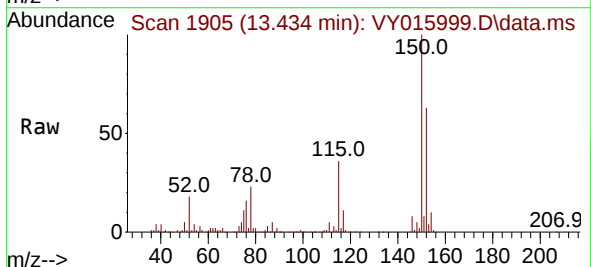
Tgt Ion:173 Resp: 3743
Ion Ratio Lower Upper
173 100
175 49.5 24.6 73.8
254 0.0 0.2 0.2

Manual Integrations
APPROVED

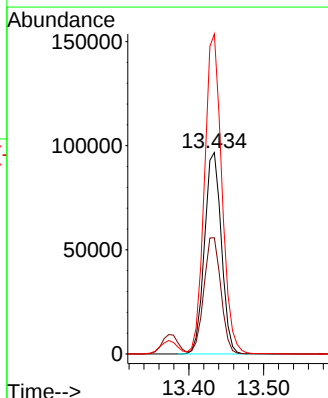
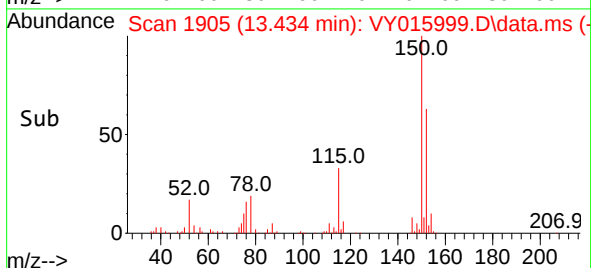
Reviewed By :John Carlone 10/18/2023
Supervised By :Semsettin Yesilyurt 10/20/2023

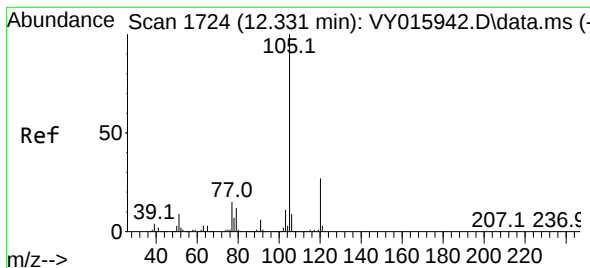


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.434 min Scan# 1905
Delta R.T. 0.006 min
Lab File: VY015999.D
Acq: 17 Oct 2023 12:46



Tgt Ion:152 Resp: 151569
Ion Ratio Lower Upper
152 100
115 58.6 28.8 86.5
150 163.7 0.0 348.8





#73

Isopropylbenzene

Concen: 18.408 ug/l

RT: 12.337 min Scan# 1724

Delta R.T. 0.006 min

Lab File: VY015999.D

Acq: 17 Oct 2023 12:46

Instrument :

MSVOA_Y

ClientSampleId :

VY1017SBSD02

Tgt Ion:105 Resp: 19751

Ion Ratio Lower Upper

105 100

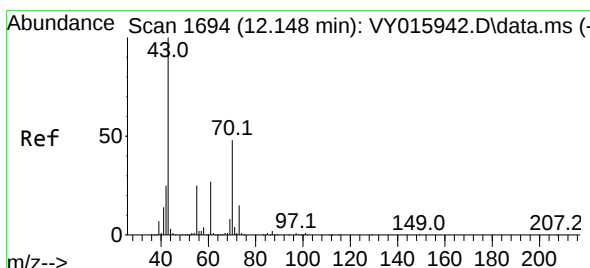
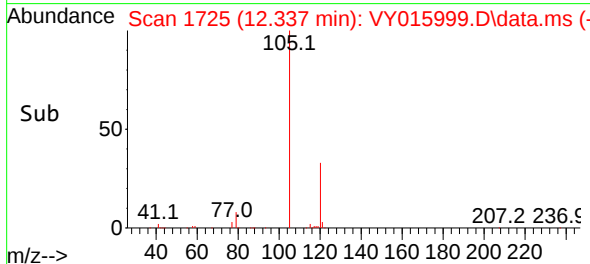
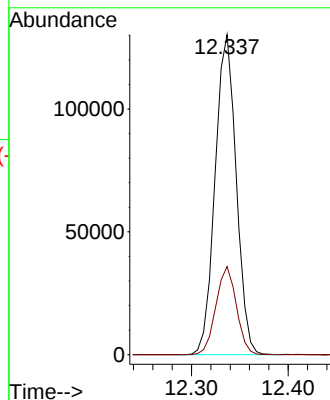
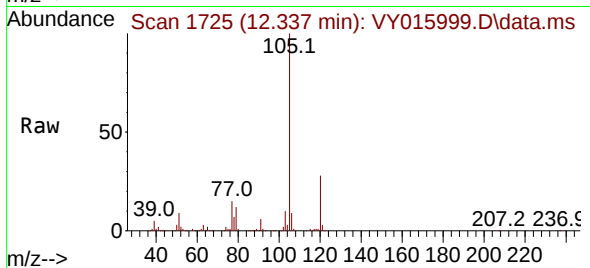
120 26.6 13.3 39.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/18/2023

Supervised By :Semsettin Yesilyurt 10/20/2023



#74

N-ethyl acetate

Concen: 18.871 ug/l

RT: 12.154 min Scan# 1695

Delta R.T. 0.006 min

Lab File: VY015999.D

Acq: 17 Oct 2023 12:46

Tgt Ion: 43 Resp: 81801

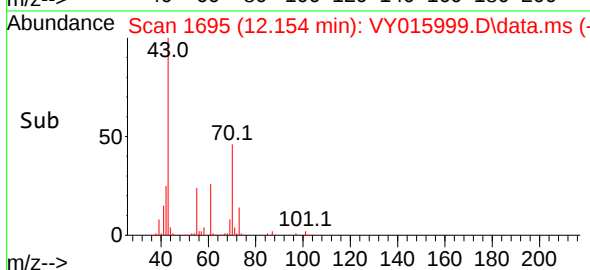
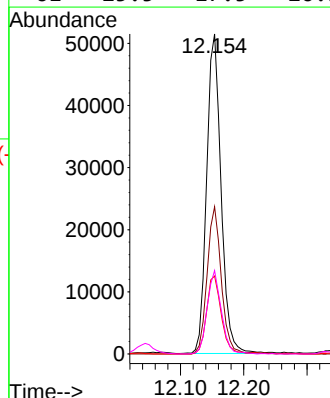
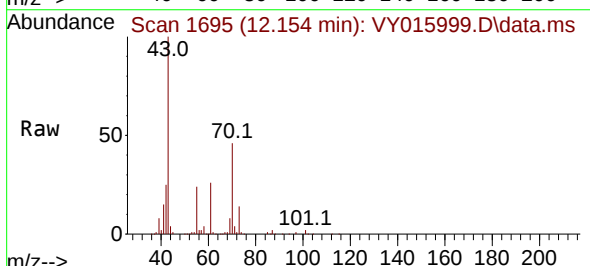
Ion Ratio Lower Upper

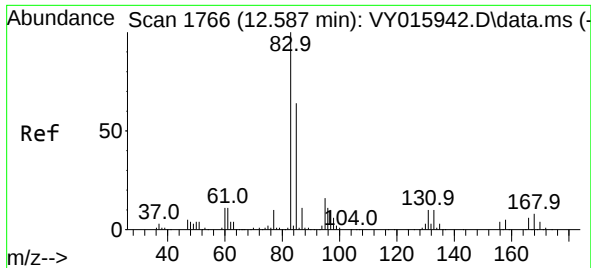
43 100

70 45.6 29.7 44.5

55 24.8 18.3 27.5

61 25.5 17.5 26.3





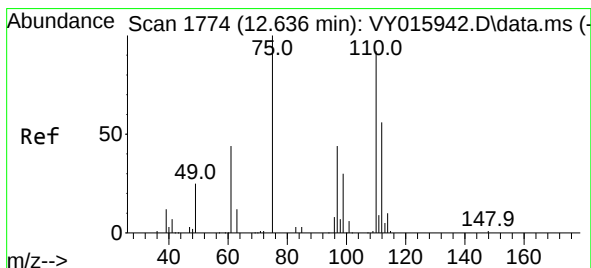
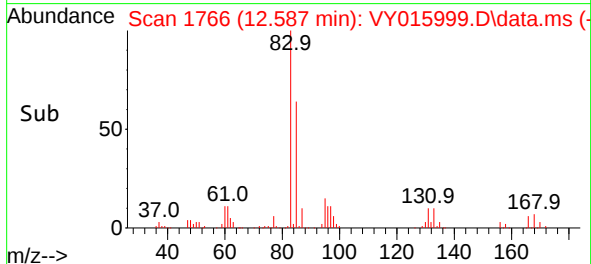
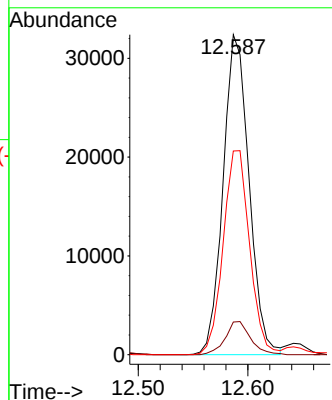
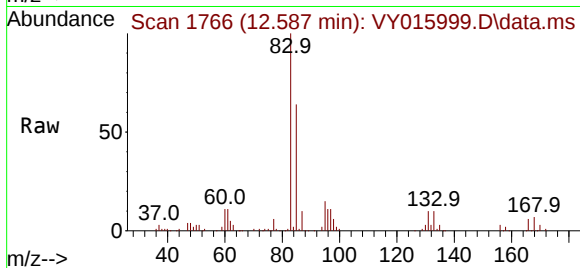
#75
1,1,2,2-Tetrachloroethane
Concen: 16.165 ug/l
RT: 12.587 min Scan# 1766
Delta R.T. -0.000 min
Lab File: VY015999.D
Acq: 17 Oct 2023 12:46

Instrument :
MSVOA_Y
ClientSampleId :
VY1017SBSD02

Tgt Ion: 83 Resp: 53274
Ion Ratio Lower Upper
83 100
131 10.1 5.4 16.2
85 65.0 31.8 95.4

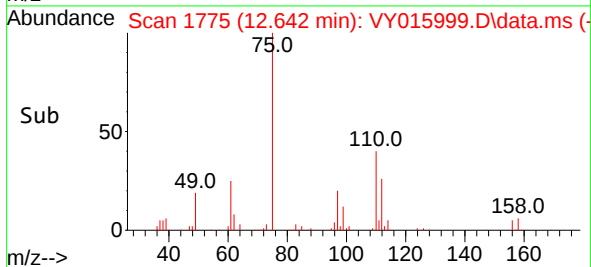
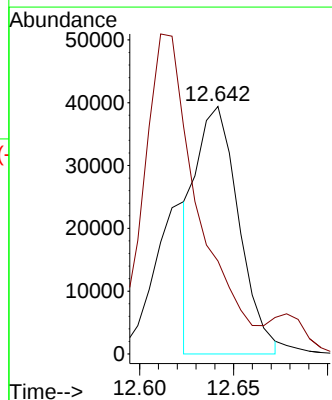
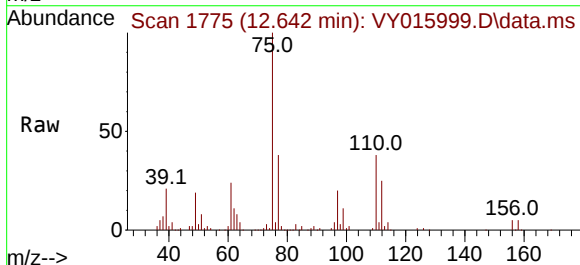
Manual Integrations
APPROVED

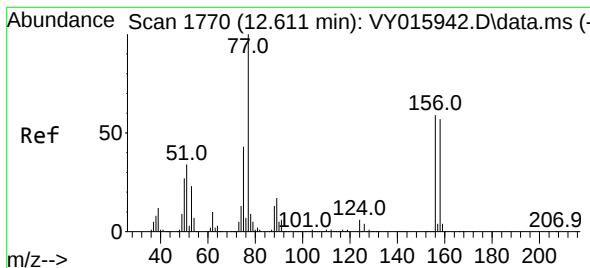
Reviewed By :John Carlone 10/18/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#76
1,2,3-Trichloropropane
Concen: 21.165 ug/l m
RT: 12.642 min Scan# 1775
Delta R.T. 0.006 min
Lab File: VY015999.D
Acq: 17 Oct 2023 12:46

Tgt Ion: 75 Resp: 62781
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 18.935 ug/l

RT: 12.617 min Scan# 1770

Delta R.T. 0.006 min

Lab File: VY015999.D

Acq: 17 Oct 2023 12:46

Instrument :

MSVOA_Y

ClientSampleId :

VY1017SBSD02

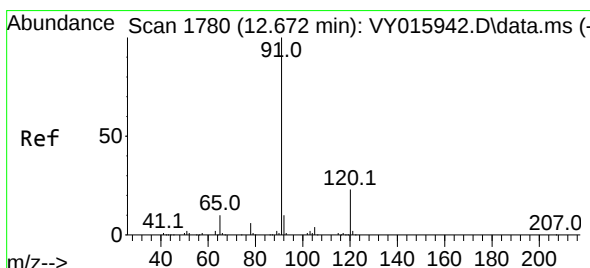
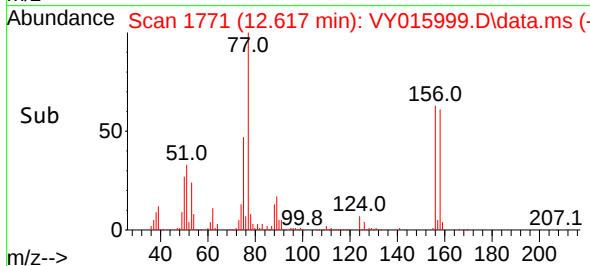
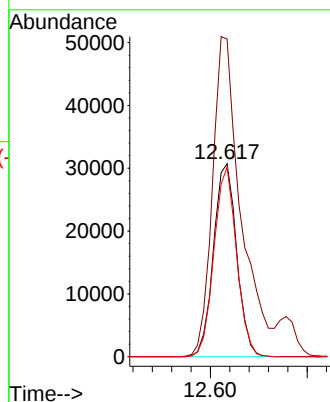
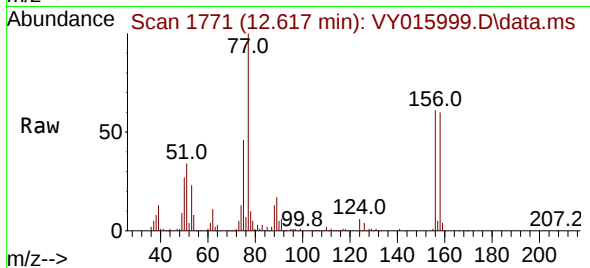
Tgt Ion:	156	Resp:	51004
Ion Ratio	Lower	Upper	
156	100		
77	204.2	92.8	278.6
158	95.6	48.4	145.3

Manual Integrations

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Reviewed By :John Carlone 10/18/2023

Supervised By :Semsettin Yesilyurt 10/20/2023



#78

n-propylbenzene

Concen: 18.755 ug/l

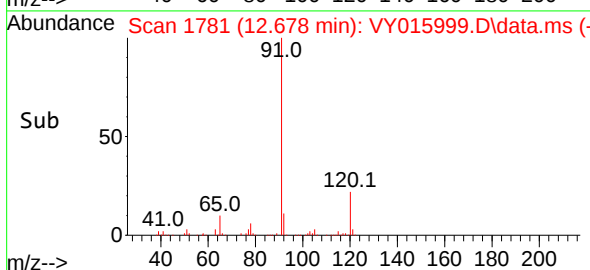
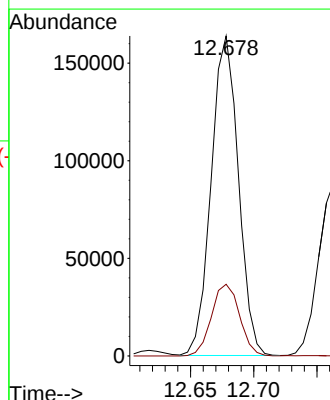
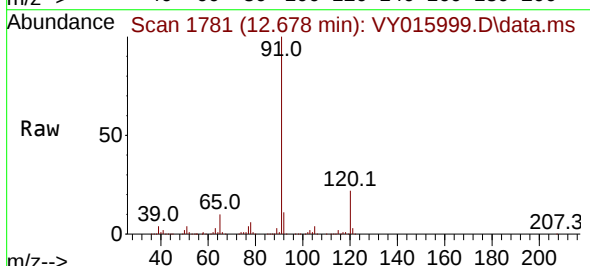
RT: 12.678 min Scan# 1781

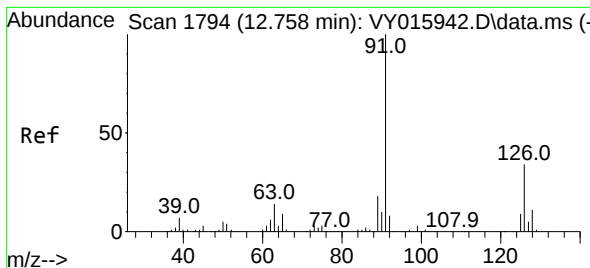
Delta R.T. 0.006 min

Lab File: VY015999.D

Acq: 17 Oct 2023 12:46

Tgt Ion:	91	Resp:	244715
Ion Ratio	Lower	Upper	
91	100		
120	23.2	11.5	34.4





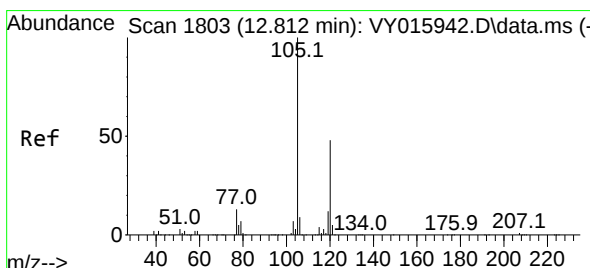
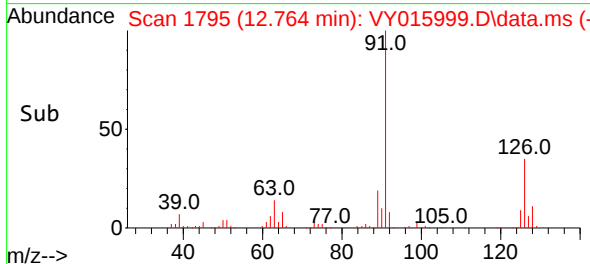
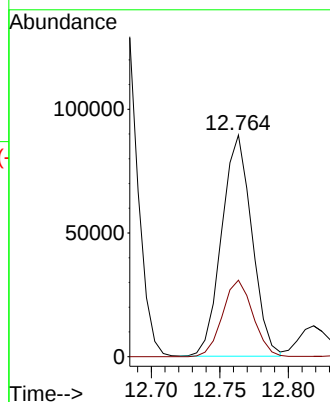
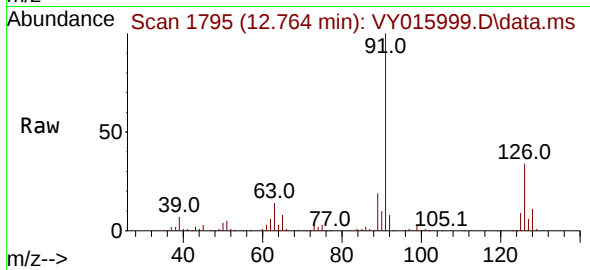
#79
2-Chlorotoluene
Concen: 18.618 ug/l
RT: 12.764 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY015999.D
Acq: 17 Oct 2023 12:46

Instrument :
MSVOA_Y
ClientSampleId :
VY1017SBSD02

Tgt Ion: 91 Resp: 13740
Ion Ratio Lower Upper
91 100
126 34.8 17.3 51.7

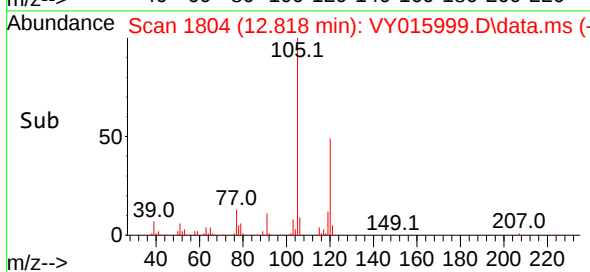
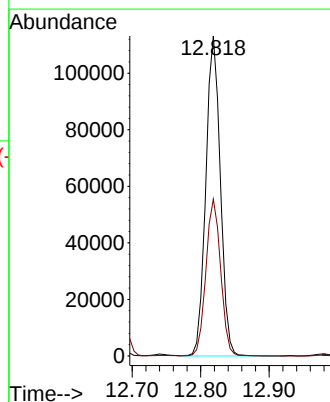
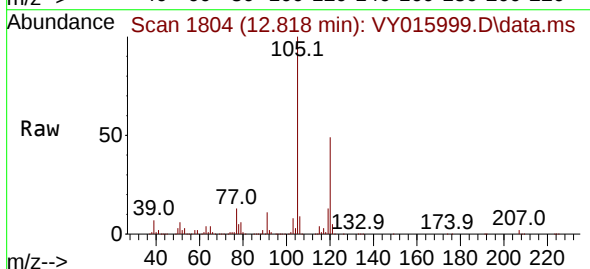
Manual Integrations
APPROVED

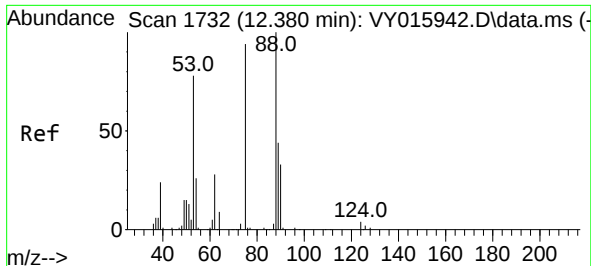
Reviewed By :John Carlone 10/18/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#80
1,3,5-Trimethylbenzene
Concen: 18.737 ug/l
RT: 12.818 min Scan# 1804
Delta R.T. 0.006 min
Lab File: VY015999.D
Acq: 17 Oct 2023 12:46

Tgt Ion:105 Resp: 167029
Ion Ratio Lower Upper
105 100
120 49.6 23.9 71.7





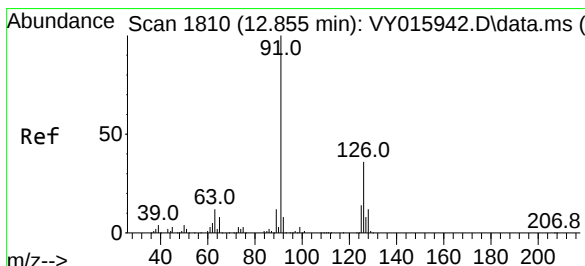
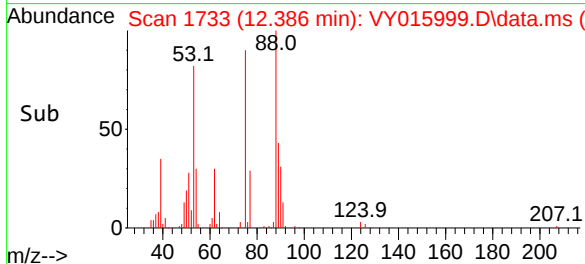
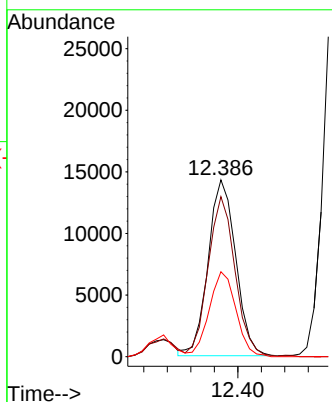
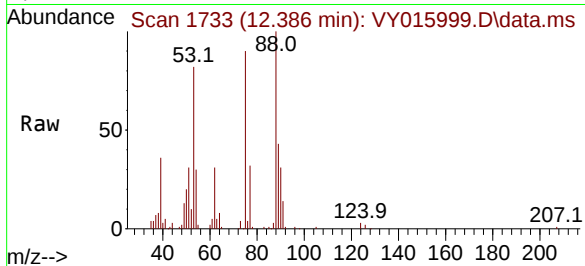
#81
trans-1,4-Dichloro-2-butene
Concen: 18.509 ug/l
RT: 12.386 min Scan# 1732
Delta R.T. 0.006 min
Lab File: VY015999.D
Acq: 17 Oct 2023 12:46

Instrument :
MSVOA_Y
ClientSampleId :
VY1017SBSD02

Tgt Ion: 75 Resp: 23300
Ion Ratio Lower Upper
75 100
53 88.3 77.8 116.8
89 47.0 37.4 56.0

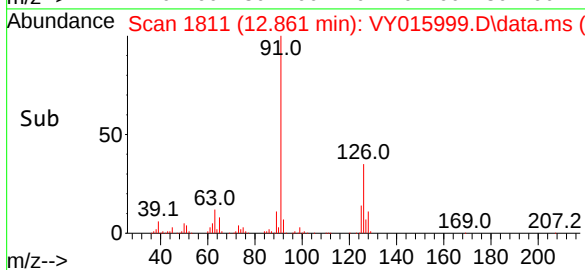
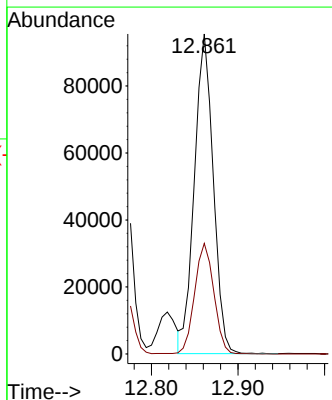
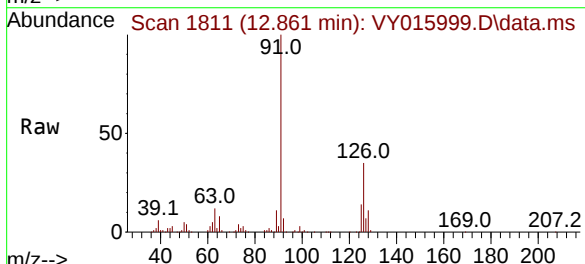
Manual Integrations
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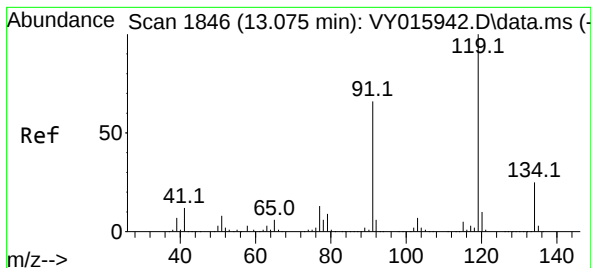
Reviewed By :John Carlone 10/18/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#82
4-Chlorotoluene
Concen: 18.998 ug/l
RT: 12.861 min Scan# 1811
Delta R.T. 0.006 min
Lab File: VY015999.D
Acq: 17 Oct 2023 12:46

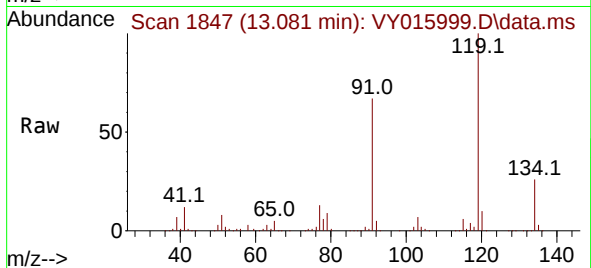
Tgt Ion: 91 Resp: 144096
Ion Ratio Lower Upper
91 100
126 35.3 17.2 51.6





#83
tert-Butylbenzene
Concen: 17.876 ug/l
RT: 13.081 min Scan# 1847
Delta R.T. 0.006 min
Lab File: VY015999.D
Acq: 17 Oct 2023 12:46

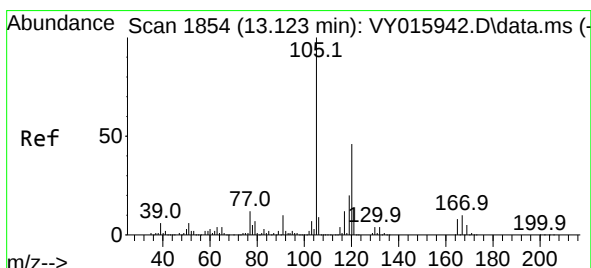
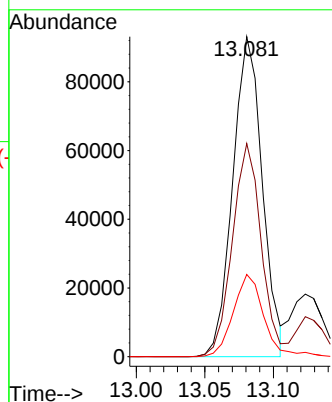
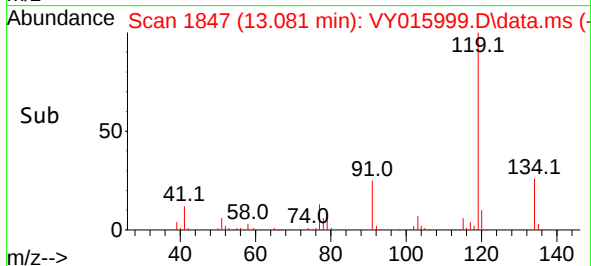
Instrument :
MSVOA_Y
ClientSampleId :
VY1017SBSD02



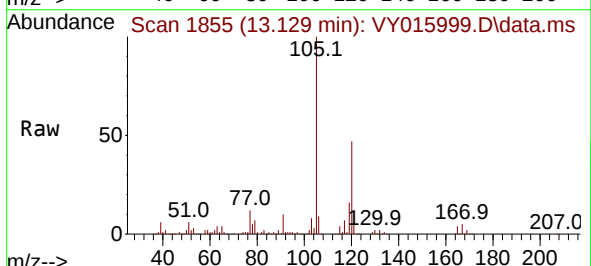
Tgt Ion:119 Resp: 140021
Ion Ratio Lower Upper
119 100
91 64.5 32.9 98.6
134 26.6 13.0 38.9

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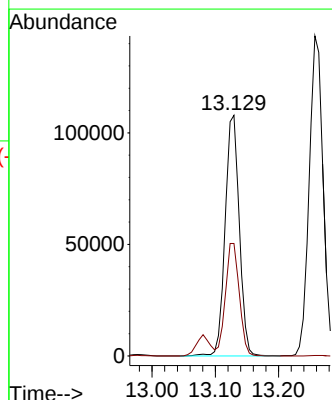
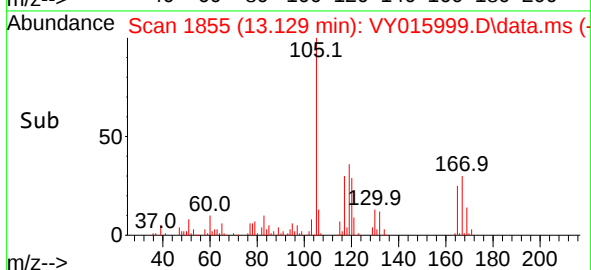
Reviewed By :John Carlone 10/18/2023
Supervised By :Semsettin Yesilyurt 10/20/2023

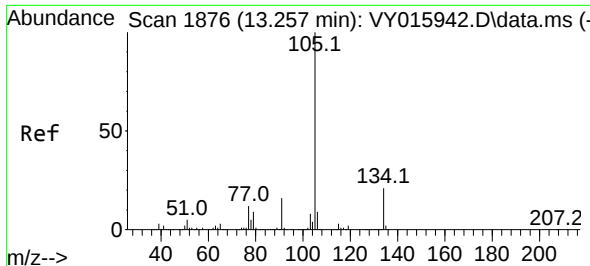


#84
1,2,4-Trimethylbenzene
Concen: 18.702 ug/l
RT: 13.129 min Scan# 1855
Delta R.T. 0.006 min
Lab File: VY015999.D
Acq: 17 Oct 2023 12:46



Tgt Ion:105 Resp: 167351
Ion Ratio Lower Upper
105 100
120 45.8 22.2 66.6





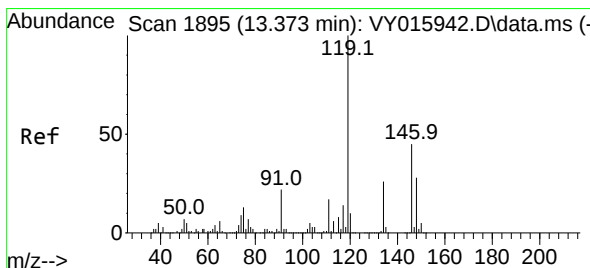
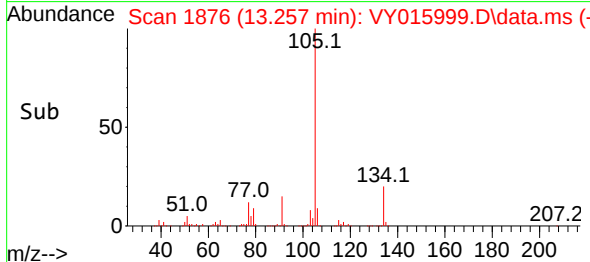
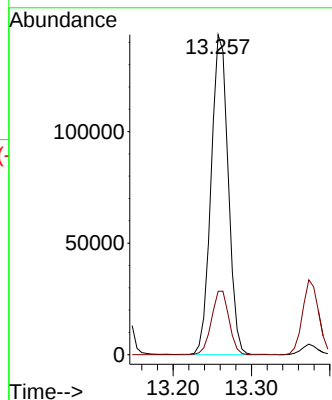
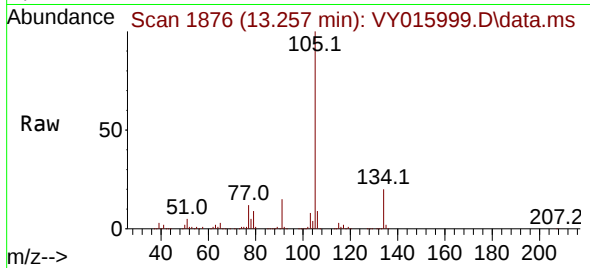
#85
 sec-Butylbenzene
 Concen: 18.704 ug/l
 RT: 13.257 min Scan# 1876
 Delta R.T. -0.000 min
 Lab File: VY015999.D
 Acq: 17 Oct 2023 12:46

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1017SBSD02

Tgt Ion:105 Resp: 217438
 Ion Ratio Lower Upper
 105 100
 134 20.3 10.2 30.6

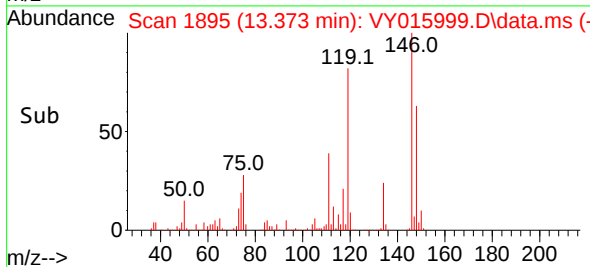
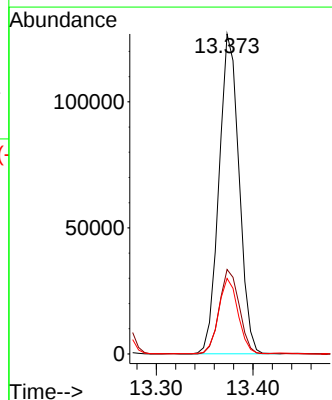
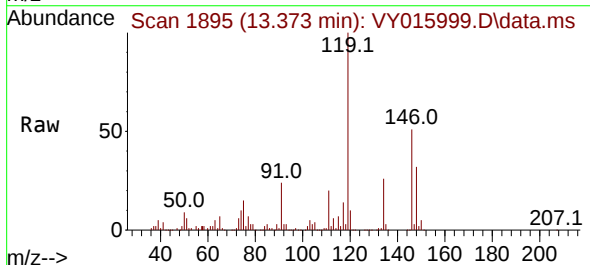
Manual Integrations
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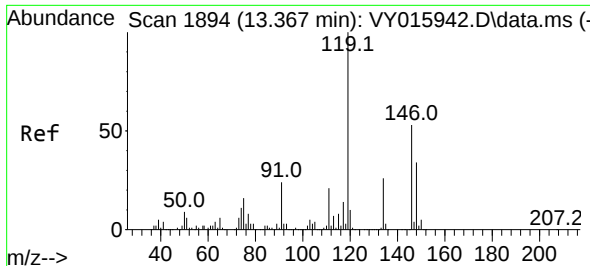
Reviewed By :John Carlone 10/18/2023
 Supervised By :Semsettin Yesilyurt 10/20/2023



#86
 p-Isopropyltoluene
 Concen: 18.780 ug/l
 RT: 13.373 min Scan# 1895
 Delta R.T. -0.000 min
 Lab File: VY015999.D
 Acq: 17 Oct 2023 12:46

Tgt Ion:119 Resp: 182435
 Ion Ratio Lower Upper
 119 100
 134 26.5 13.3 39.8
 91 22.8 12.4 37.4





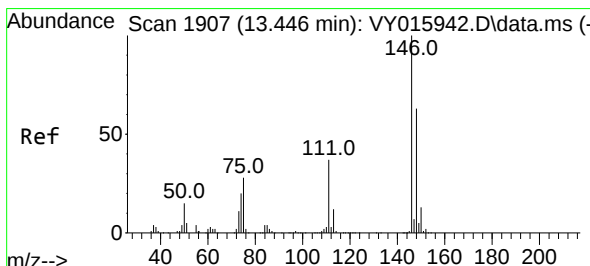
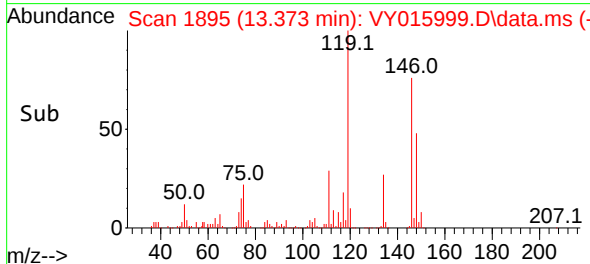
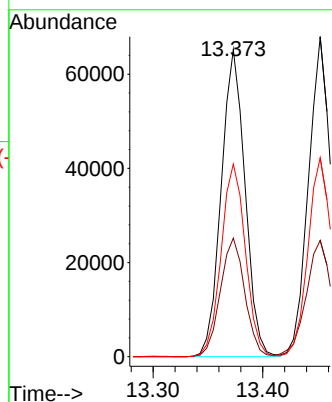
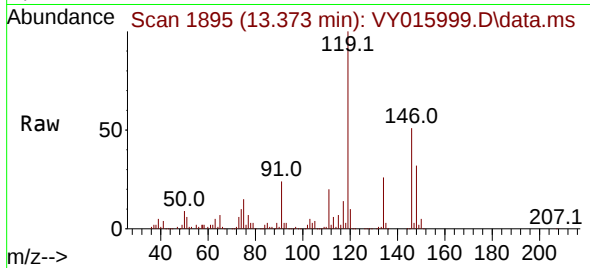
#87
1,3-Dichlorobenzene
Concen: 19.069 ug/l
RT: 13.373 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY015999.D
Acq: 17 Oct 2023 12:46

Instrument :
MSVOA_Y
ClientSampleId :
VY1017SBSD02

Tgt Ion:146 Resp: 98639
Ion Ratio Lower Upper
146 100
111 39.5 19.4 58.2
148 63.8 31.9 95.5

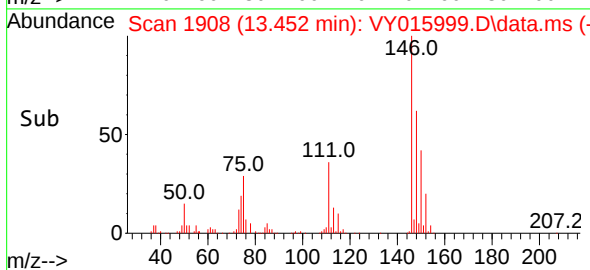
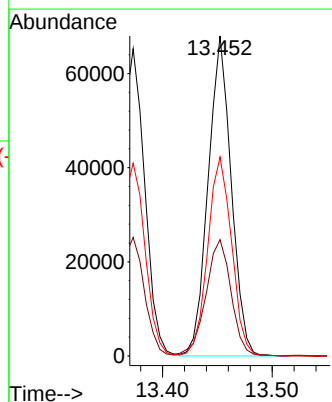
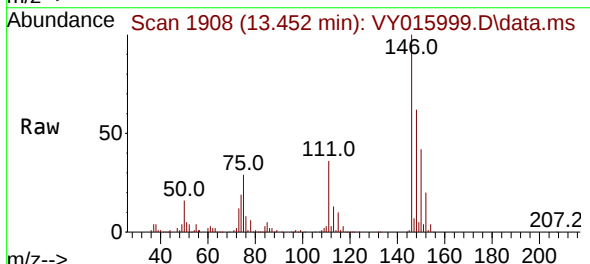
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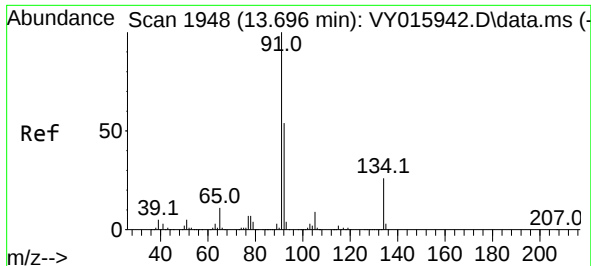
Reviewed By :John Carlone 10/18/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#88
1,4-Dichlorobenzene
Concen: 19.052 ug/l
RT: 13.452 min Scan# 1908
Delta R.T. 0.006 min
Lab File: VY015999.D
Acq: 17 Oct 2023 12:46

Tgt Ion:146 Resp: 99519
Ion Ratio Lower Upper
146 100
111 39.7 18.9 56.7
148 64.6 32.1 96.5





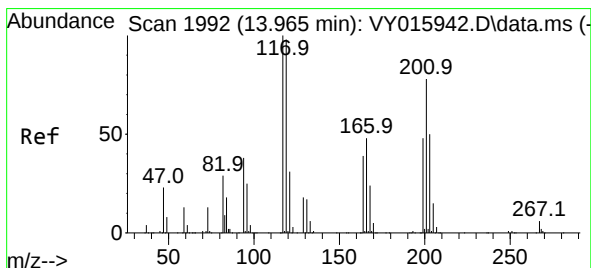
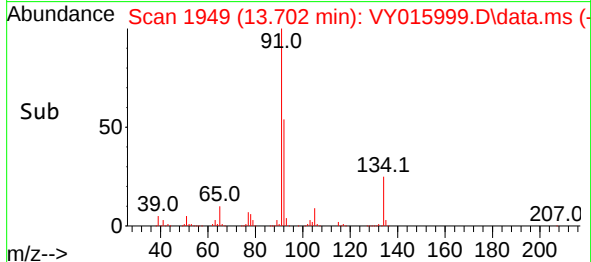
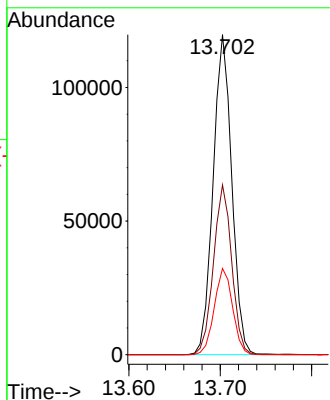
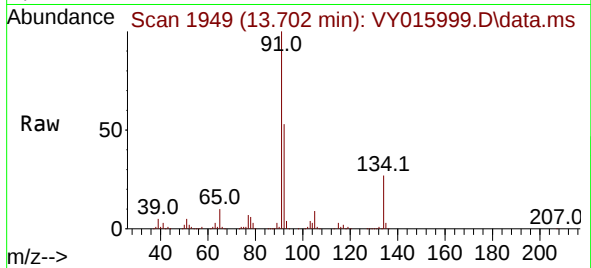
#89
n-Butylbenzene
Concen: 18.599 ug/l
RT: 13.702 min Scan# 1949
Delta R.T. 0.006 min
Lab File: VY015999.D
Acq: 17 Oct 2023 12:46

Instrument :
MSVOA_Y
ClientSampleId :
VY1017SBSD02

Tgt Ion: 91 Resp: 169904
Ion Ratio Lower Upper
91 100
92 52.1 25.4 76.0
134 26.4 12.6 37.6

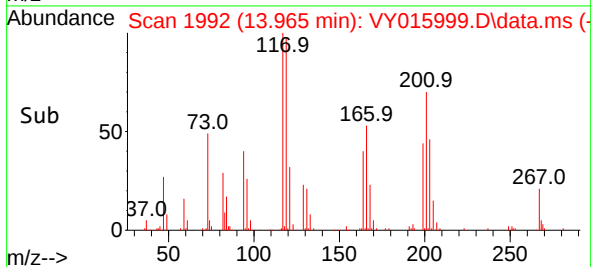
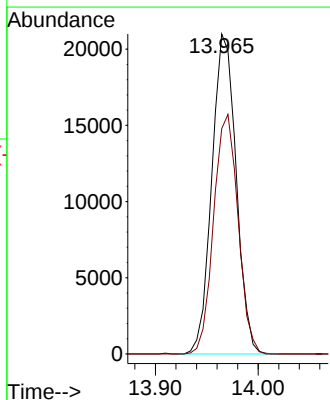
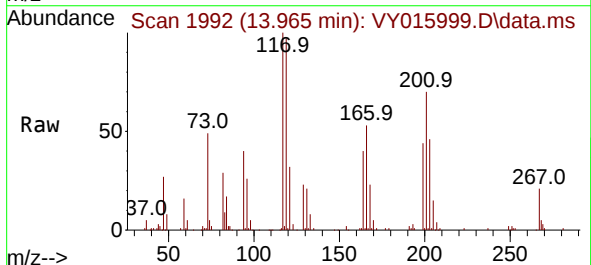
Manual Integrations
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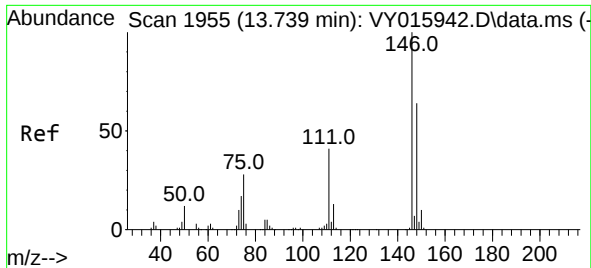
Reviewed By :John Carlone 10/18/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#90
Hexachloroethane
Concen: 18.494 ug/l
RT: 13.965 min Scan# 1992
Delta R.T. -0.000 min
Lab File: VY015999.D
Acq: 17 Oct 2023 12:46

Tgt Ion:117 Resp: 34434
Ion Ratio Lower Upper
117 100
201 75.2 41.6 124.8





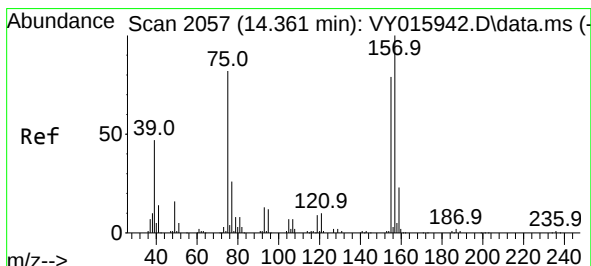
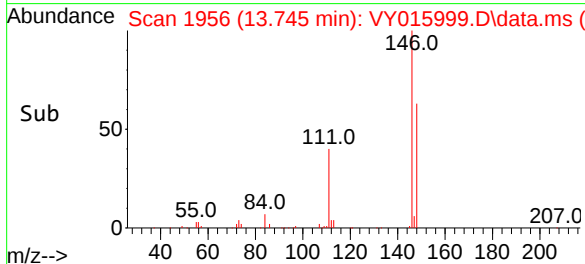
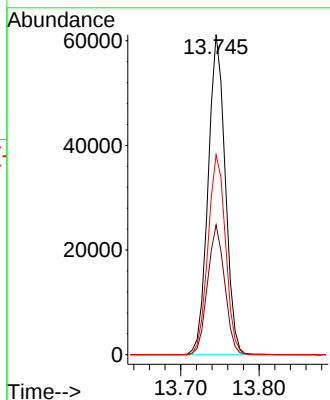
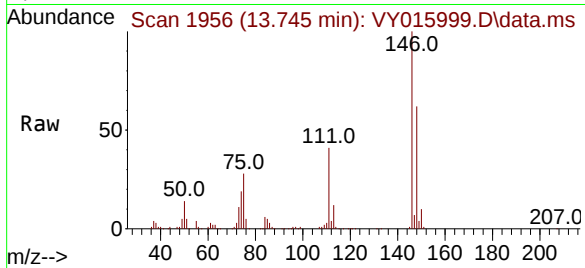
#91
1,2-Dichlorobenzene
Concen: 19.093 ug/l
RT: 13.745 min Scan# 1955
Delta R.T. 0.006 min
Lab File: VY015999.D
Acq: 17 Oct 2023 12:46

Instrument :
MSVOA_Y
ClientSampleId :
VY1017SBSD02

Tgt Ion:146 Resp: 9266
Ion Ratio Lower Upper
146 100
111 40.4 19.7 59.0
148 63.9 32.0 96.2

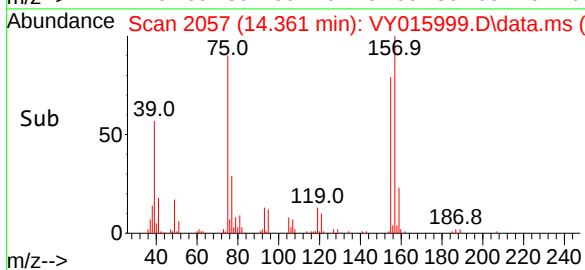
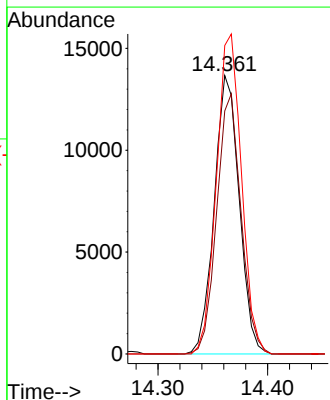
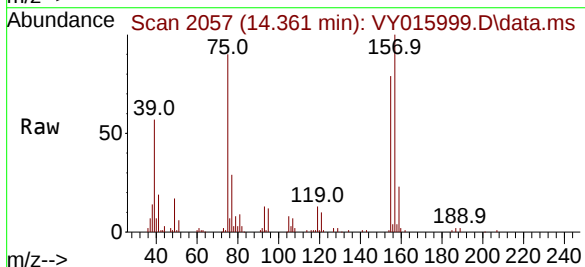
Manual Integrations
APPROVED

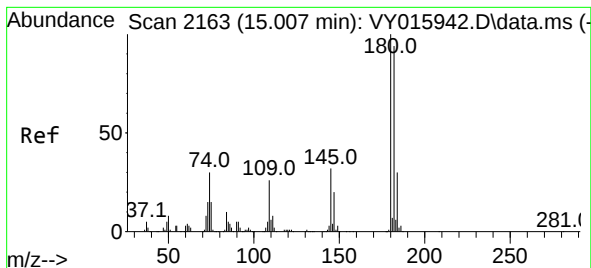
Reviewed By :John Carlone 10/18/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 22.927 ug/l
RT: 14.361 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VY015999.D
Acq: 17 Oct 2023 12:46

Tgt Ion: 75 Resp: 21615
Ion Ratio Lower Upper
75 100
155 91.1 41.5 124.6
157 115.4 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 18.088 ug/l

RT: 15.013 min Scan# 2163

Delta R.T. 0.006 min

Lab File: VY015999.D

Acq: 17 Oct 2023 12:46

Instrument :

MSVOA_Y

ClientSampleId :

VY1017SBS02

Tgt Ion:180 Resp: 57700

Ion Ratio Lower Upper

180 100

182 94.0 47.0 141.2

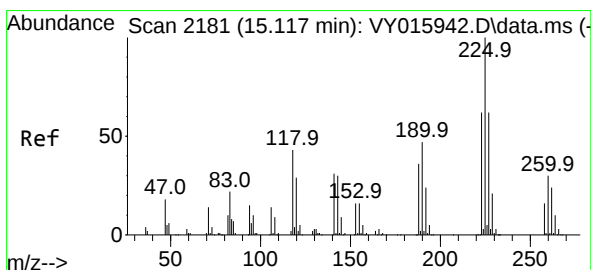
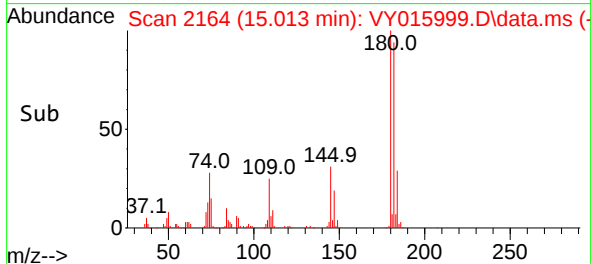
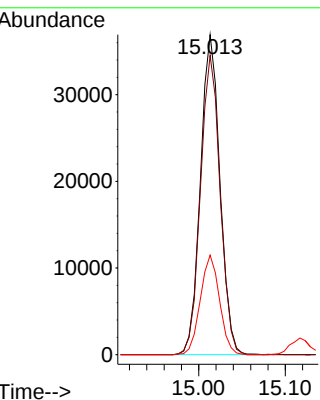
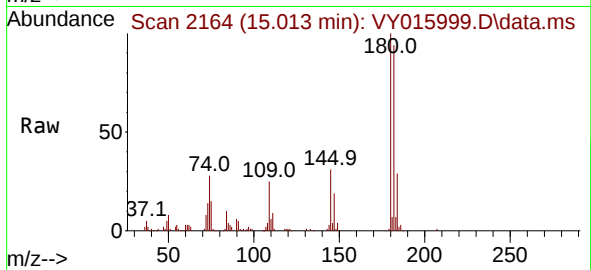
145 30.7 14.5 43.5

Manual Integrations

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#94

Hexachlorobutadiene

Concen: 18.127 ug/l

RT: 15.117 min Scan# 2181

Delta R.T. -0.000 min

Lab File: VY015999.D

Acq: 17 Oct 2023 12:46

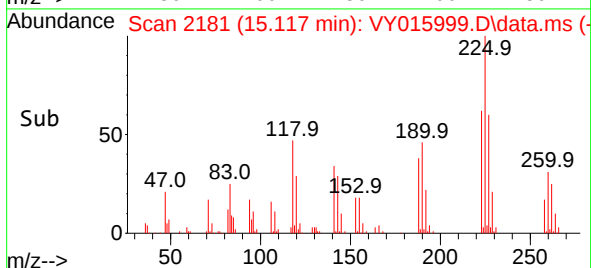
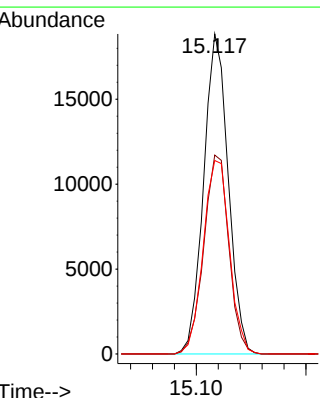
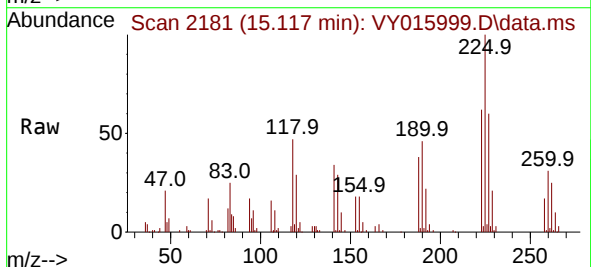
Tgt Ion:225 Resp: 29361

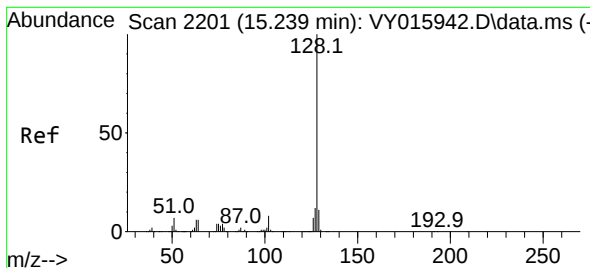
Ion Ratio Lower Upper

225 100

223 63.4 31.9 95.9

227 64.6 33.0 98.9





#95

Naphthalene

Concen: 18.902 ug/l

RT: 15.245 min Scan# 2201

Delta R.T. 0.006 min

Lab File: VY015999.D

Acq: 17 Oct 2023 12:46

Instrument :

MSVOA_Y

ClientSampleId :

VY1017SBSD02

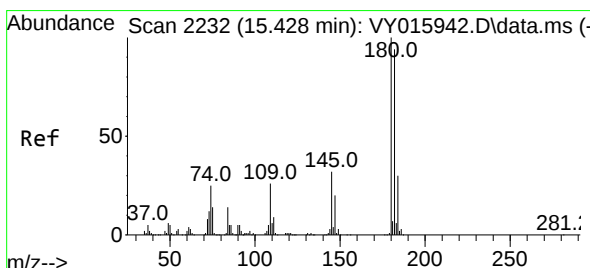
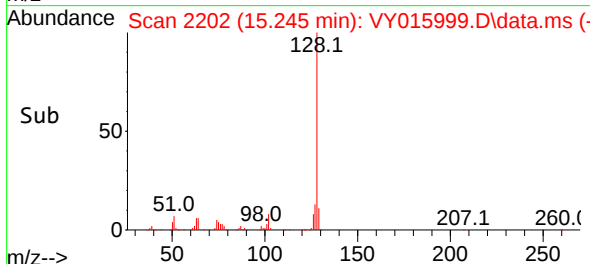
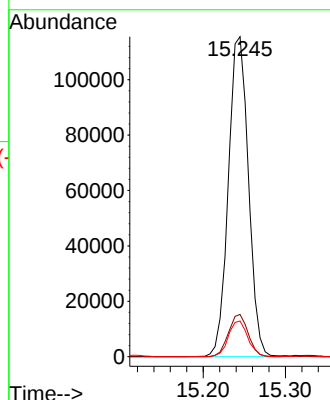
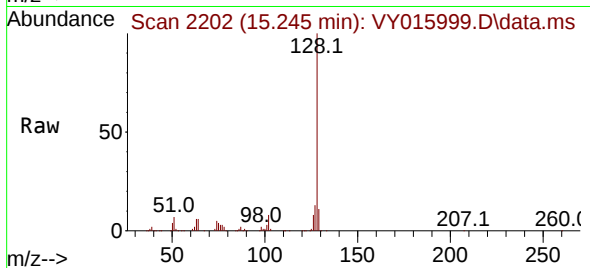
Tgt Ion:128 Resp: 195615
 Ion Ratio Lower Upper
 128 100
 127 13.0 10.8 16.2
 129 10.8 8.6 13.0

Manual Integrations

APPROVED

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Supervised By :Semsettin Yesilyurt 10/20/2023



#96

1,2,3-Trichlorobenzene

Concen: 18.087 ug/l

RT: 15.434 min Scan# 2233

Delta R.T. 0.006 min

Lab File: VY015999.D

Acq: 17 Oct 2023 12:46

Tgt Ion:180 Resp: 55315
 Ion Ratio Lower Upper
 180 100
 182 94.5 47.3 141.8
 145 33.1 15.4 46.2

