

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101723\
 Data File : VY015995.D
 Acq On : 17 Oct 2023 09:21
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

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

Quant Time: Oct 18 06:03:14 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	7.801	168	205639	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	321495	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	302261	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	158886	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	104116	44.363	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	88.720%		
35) Dibromofluoromethane	7.728	113	95943	47.403	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	94.800%		
50) Toluene-d8	10.191	98	399193	52.666	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	105.340%		
62) 4-Bromofluorobenzene	12.489	95	142100	52.649	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	105.300%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.912	85	86220	50.109	ug/l	95
3) Chloromethane	2.119	50	119243	44.306	ug/l	97
4) Vinyl Chloride	2.260	62	117360	53.319	ug/l	99
5) Bromomethane	2.668	94	72887	58.543	ug/l	100
6) Chloroethane	2.808	64	68555	48.194	ug/l	94
7) Trichlorofluoromethane	3.131	101	212351	56.878	ug/l	98
8) Diethyl Ether	3.540	74	63703	45.654	ug/l	88
9) 1,1,2-Trichlorotrifluo...	3.900	101	110151	51.887	ug/l	96
10) Methyl Iodide	4.088	142	123931	50.768	ug/l	99
11) Tert butyl alcohol	5.137	59	370411m	272.035	ug/l	
12) 1,1-Dichloroethene	3.875	96	106465	53.237	ug/l	94
13) Acrolein	3.753	56	107351	242.191	ug/l	100
14) Allyl chloride	4.485	41	187997	58.174	ug/l	90
15) Acrylonitrile	5.204	53	339938	276.550	ug/l	99
16) Acetone	4.009	43	465172	341.211	ug/l	93
17) Carbon Disulfide	4.192	76	315970	51.692	ug/l	98
18) Methyl Acetate	4.515	43	279800	59.169	ug/l	93
19) Methyl tert-butyl Ether	5.247	73	283291	42.257	ug/l	97
20) Methylene Chloride	4.723	84	122510	46.803	ug/l	95
21) trans-1,2-Dichloroethene	5.222	96	113225	48.437	ug/l	98
22) Diisopropyl ether	6.143	45	316908	47.225	ug/l	98
23) Vinyl Acetate	6.082	43	860362	194.884	ug/l	95
24) 1,1-Dichloroethane	6.027	63	193852	48.551	ug/l	97
25) 2-Butanone	7.027	43	564599	284.553	ug/l	97
26) 2,2-Dichloropropane	6.990	77	142982	43.125	ug/l	97
27) cis-1,2-Dichloroethene	6.997	96	122642	46.660	ug/l	92
28) Bromochloromethane	7.344	49	84481	47.414	ug/l	94
29) Tetrahydrofuran	7.381	42	402904	296.229	ug/l	95
30) Chloroform	7.521	83	197236	47.593	ug/l	96
31) Cyclohexane	7.789	56	179091	47.937	ug/l	90
32) 1,1,1-Trichloroethane	7.710	97	182746	49.582	ug/l	98
36) 1,1-Dichloropropene	7.923	75	159486	52.223	ug/l	99
37) Ethyl Acetate	7.100	43	286123m	60.721	ug/l	
38) Carbon Tetrachloride	7.911	117	165940	51.595	ug/l	99
39) Methylcyclohexane	9.191	83	201340	51.386	ug/l	92
40) Benzene	8.167	78	440766	49.882	ug/l	100

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.332	41	72712m	46.800	ug/l	
42) 1,2-Dichloroethane	8.246	62	128302	45.252	ug/l	93
43) Isopropyl Acetate	8.289	43	229054	45.247	ug/l #	89
44) Trichloroethene	8.947	130	154795	56.847	ug/l	99
45) 1,2-Dichloropropane	9.228	63	109825	48.709	ug/l	95
46) Dibromomethane	9.313	93	71680	45.228	ug/l	97
47) Bromodichloromethane	9.508	83	153059	47.826	ug/l	97
48) Methyl methacrylate	9.307	41	99688	44.583	ug/l #	84
49) 1,4-Dioxane	9.405	88	52406m	1185.696	ug/l	
51) 4-Methyl-2-Pentanone	10.081	43	900994	241.508	ug/l	89
52) Toluene	10.252	92	287281	50.851	ug/l	97
53) t-1,3-Dichloropropene	10.478	75	171595	47.820	ug/l	99
54) cis-1,3-Dichloropropene	9.935	75	177169	45.930	ug/l #	88
55) 1,1,2-Trichloroethane	10.654	97	112273	49.757	ug/l	97
56) Ethyl methacrylate	10.520	69	177338	50.203	ug/l	86
57) 1,3-Dichloropropane	10.801	76	187201	48.903	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.795	63	271387	175.077	ug/l	95
59) 2-Hexanone	10.843	43	1018769	319.908	ug/l	87
60) Dibromochloromethane	10.996	129	128229	49.972	ug/l	98
61) 1,2-Dibromoethane	11.099	107	120874	49.507	ug/l	100
64) Tetrachloroethene	10.728	164	157478	59.766	ug/l	98
65) Chlorobenzene	11.526	112	312346	49.319	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.599	131	117674	50.194	ug/l	98
67) Ethyl Benzene	11.599	91	572345	51.685	ug/l	98
68) m/p-Xylenes	11.709	106	439084	102.743	ug/l	95
69) o-Xylene	12.038	106	209446	51.262	ug/l	97
70) Styrene	12.050	104	358337	51.533	ug/l	96
71) Bromoform	12.221	173	101504	50.842	ug/l #	98
73) Isopropylbenzene	12.337	105	554668	49.314	ug/l	99
74) N-amyl acetate	12.154	43	217732	47.916	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.593	83	139888m	40.491	ug/l	
76) 1,2,3-Trichloropropane	12.642	75	148816m	47.860	ug/l	
77) Bromobenzene	12.617	156	134378	47.590	ug/l	90
78) n-propylbenzene	12.678	91	679560	49.684	ug/l	99
79) 2-Chlorotoluene	12.764	91	376793	48.705	ug/l	99
80) 1,3,5-Trimethylbenzene	12.819	105	468375	50.123	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.386	75	64282	48.700	ug/l	92
82) 4-Chlorotoluene	12.861	91	392194	49.326	ug/l	99
83) tert-Butylbenzene	13.081	119	404114	49.215	ug/l	99
84) 1,2,4-Trimethylbenzene	13.130	105	466248	49.706	ug/l	98
85) sec-Butylbenzene	13.264	105	610528	50.099	ug/l	100
86) p-Isopropyltoluene	13.380	119	511342	50.213	ug/l	98
87) 1,3-Dichlorobenzene	13.373	146	263187	48.536	ug/l	99
88) 1,4-Dichlorobenzene	13.453	146	267339	48.822	ug/l	99
89) n-Butylbenzene	13.703	91	474809	49.583	ug/l	97
90) Hexachloroethane	13.971	117	96542	49.463	ug/l	92
91) 1,2-Dichlorobenzene	13.751	146	250129	49.164	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.367	75	60421	61.136	ug/l	88
93) 1,2,4-Trichlorobenzene	15.013	180	163085	48.769	ug/l	98
94) Hexachlorobutadiene	15.123	225	81403	47.943	ug/l	98
95) Naphthalene	15.245	128	575057	53.008	ug/l	99
96) 1,2,3-Trichlorobenzene	15.434	180	156989	48.968	ug/l	99

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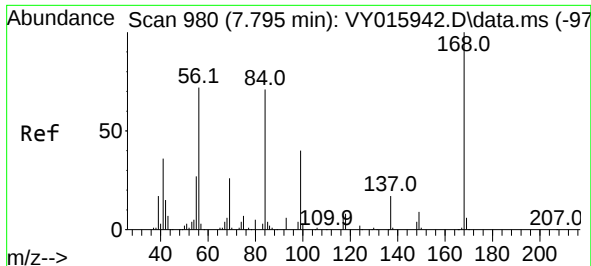
Manual Integrations
APPROVED

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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

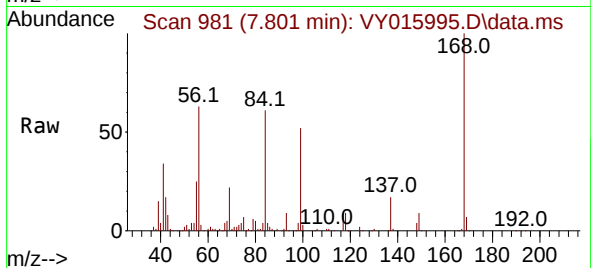
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015995.D
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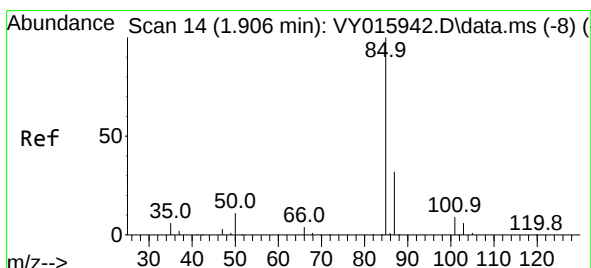
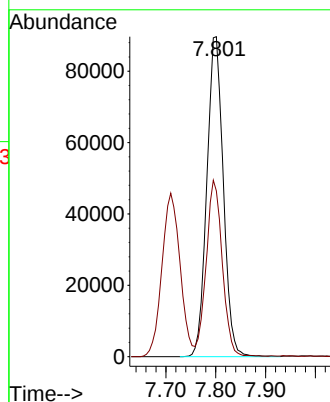
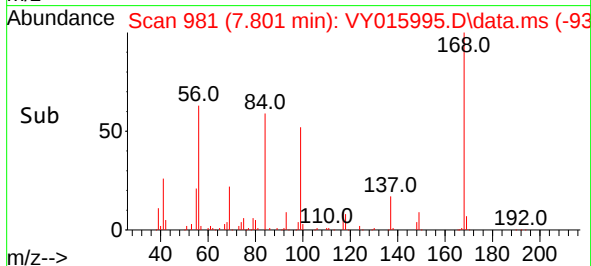
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion:168 Resp: 205639
Ion Ratio Lower Upper
168 100
99 51.6 43.4 65.0

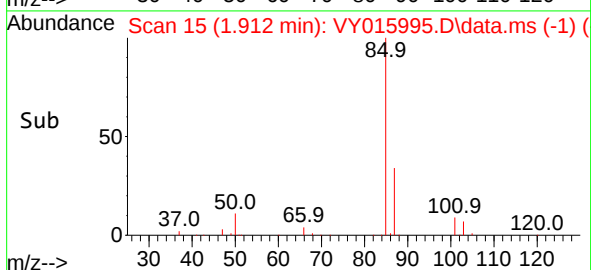
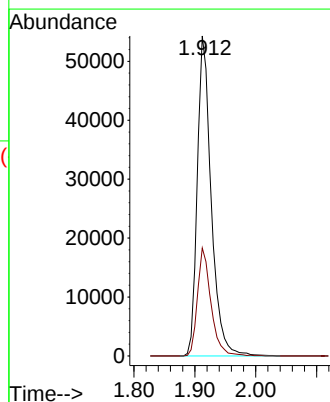
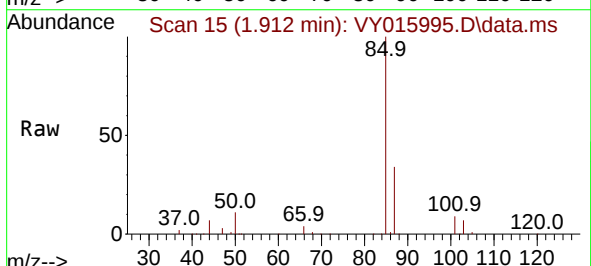
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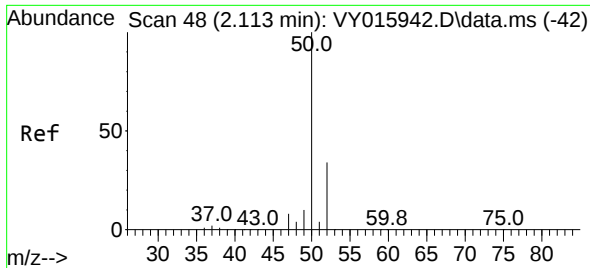
Reviewed By :John Carlone 10/18/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#2
Dichlorodifluoromethane
Concen: 50.109 ug/l
RT: 1.912 min Scan# 15
Delta R.T. 0.006 min
Lab File: VY015995.D
Acq: 17 Oct 2023 09:21

Tgt Ion: 85 Resp: 86220
Ion Ratio Lower Upper
85 100
87 33.8 15.6 46.8





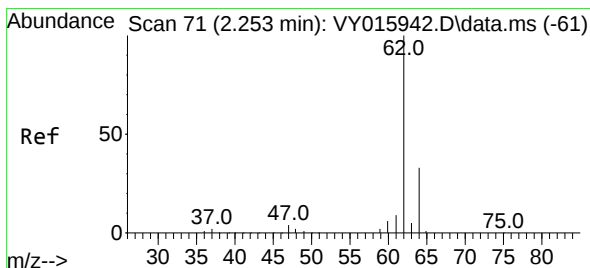
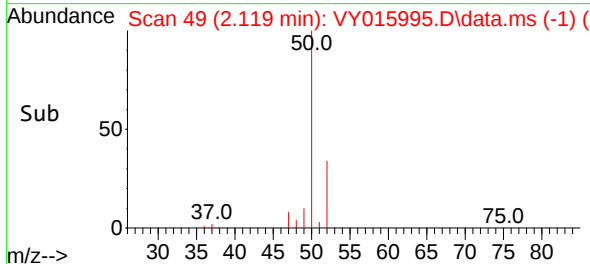
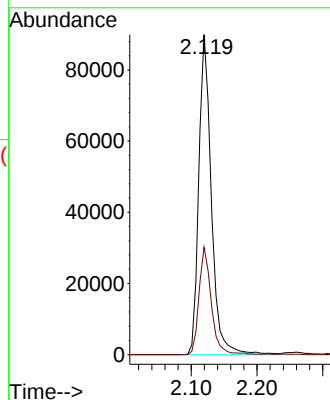
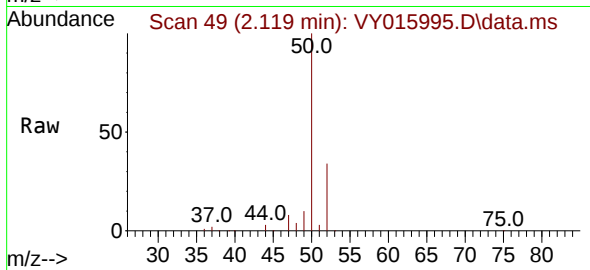
#3
Chloromethane
Concen: 44.306 ug/l
RT: 2.119 min Scan# 49
Delta R.T. 0.006 min
Lab File: VY015995.D
Acq: 17 Oct 2023 09:21

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MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 50 Resp: 11924
Ion Ratio Lower Upper
50 100
52 33.6 25.4 38.2

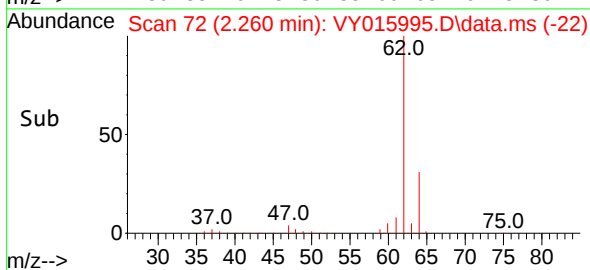
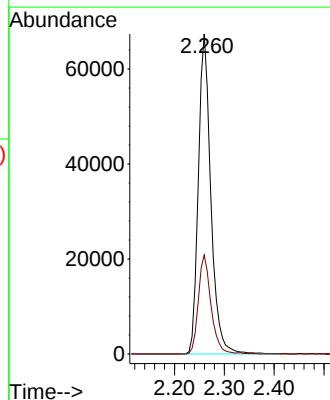
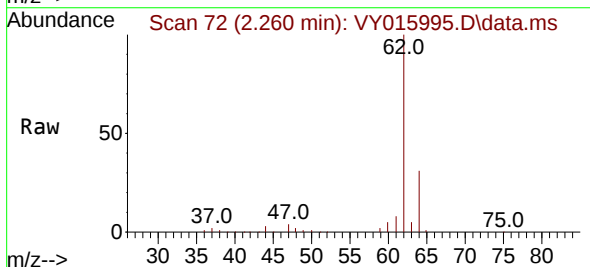
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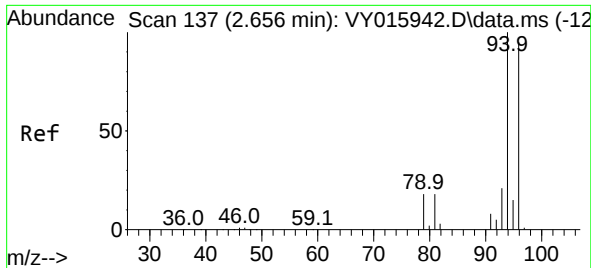
Reviewed By :John Carlone 10/18/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#4
Vinyl Chloride
Concen: 53.319 ug/l
RT: 2.260 min Scan# 72
Delta R.T. 0.007 min
Lab File: VY015995.D
Acq: 17 Oct 2023 09:21

Tgt Ion: 62 Resp: 117360
Ion Ratio Lower Upper
62 100
64 31.0 24.3 36.5





#5

Bromomethane

Concen: 58.543 ug/l

RT: 2.668 min Scan# 11

Delta R.T. 0.012 min

Lab File: VY015995.D

Acq: 17 Oct 2023 09:21

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 94 Resp: 7288

Ion Ratio Lower Upper

94 100

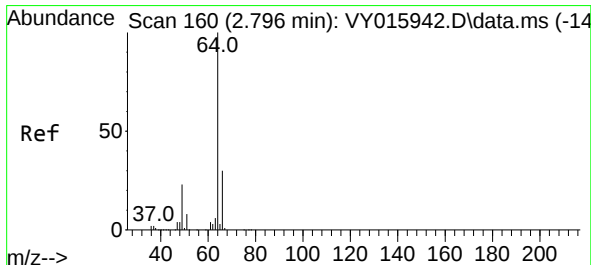
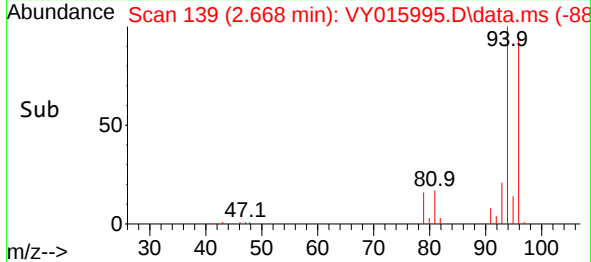
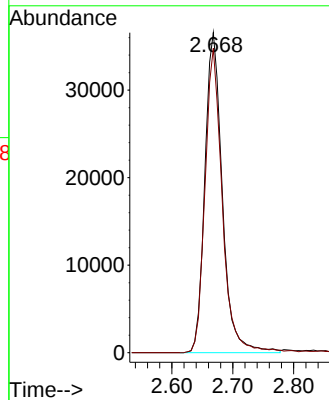
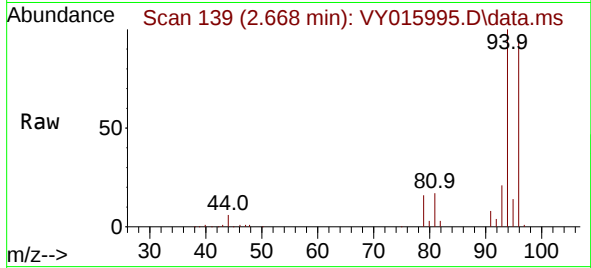
96 95.1 75.8 113.6

Manual Integrations

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#6

Chloroethane

Concen: 48.194 ug/l

RT: 2.808 min Scan# 162

Delta R.T. 0.012 min

Lab File: VY015995.D

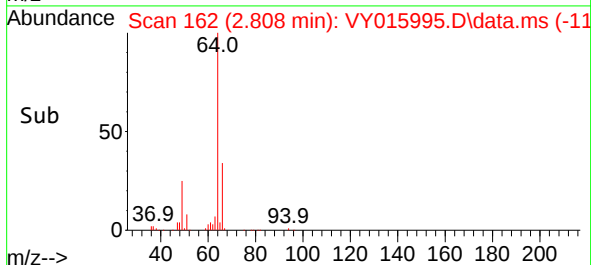
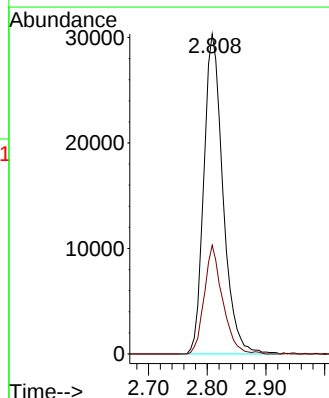
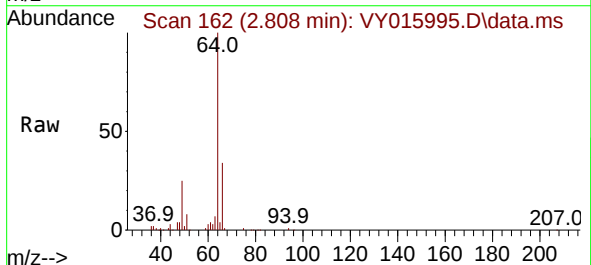
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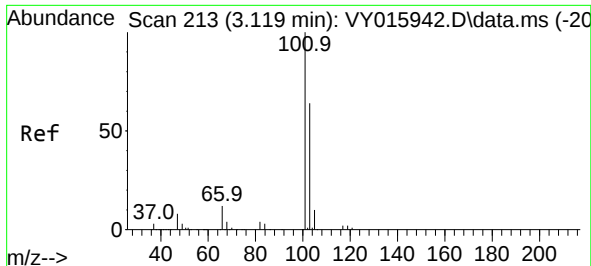
Tgt Ion: 64 Resp: 68555

Ion Ratio Lower Upper

64 100

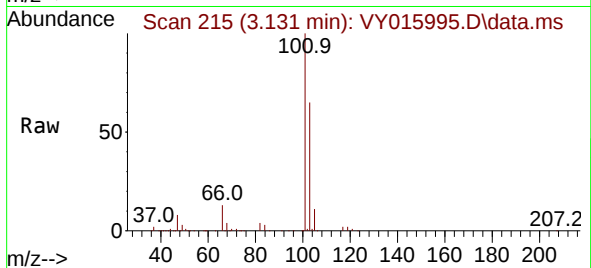
66 34.0 24.4 36.6





#7
Trichlorofluoromethane
Concen: 56.878 ug/l
RT: 3.131 min Scan# 213
Delta R.T. 0.012 min
Lab File: VY015995.D
Acq: 17 Oct 2023 09:21

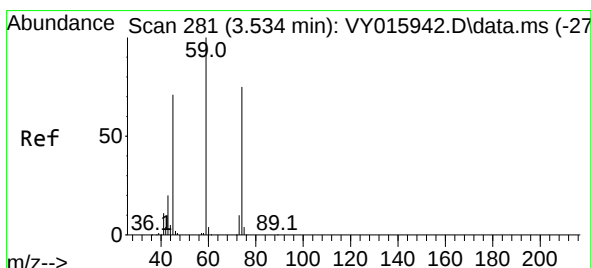
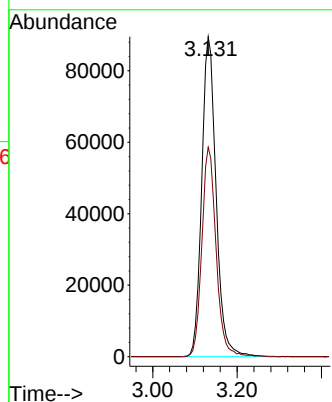
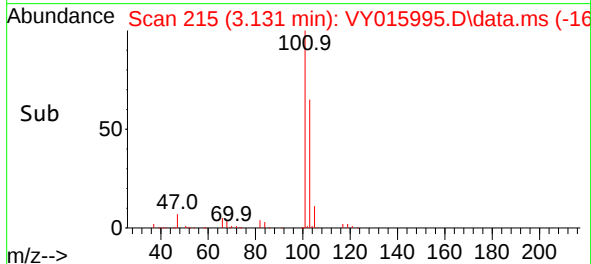
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion:101 Resp: 21235
Ion Ratio Lower Upper
101 100
103 65.4 51.4 77.0

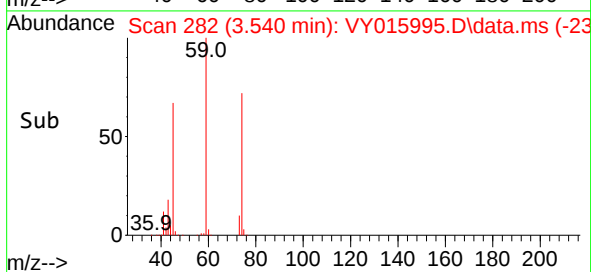
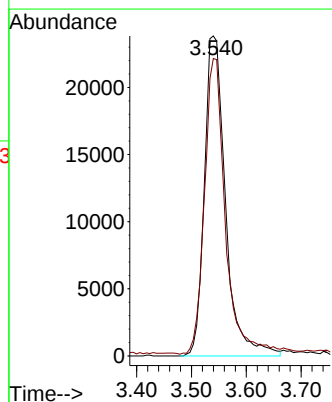
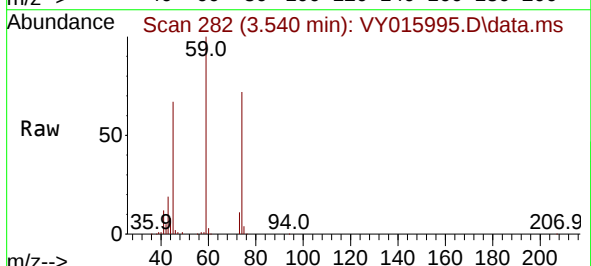
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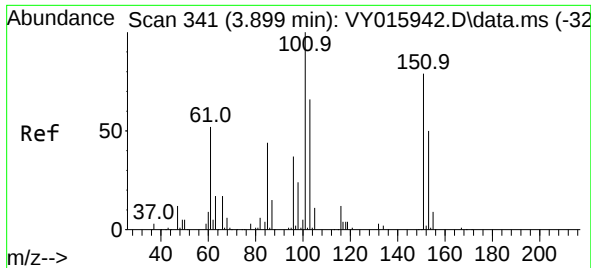
Reviewed By :John Carlone 10/18/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#8
Diethyl Ether
Concen: 45.654 ug/l
RT: 3.540 min Scan# 282
Delta R.T. 0.006 min
Lab File: VY015995.D
Acq: 17 Oct 2023 09:21

Tgt Ion: 74 Resp: 63703
Ion Ratio Lower Upper
74 100
45 91.2 51.5 154.5





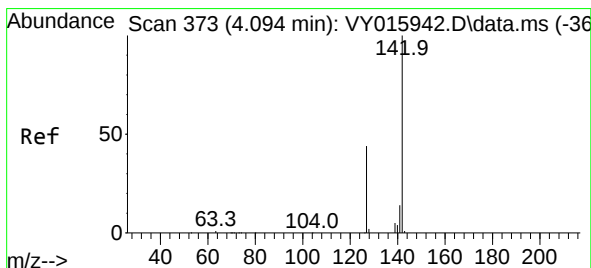
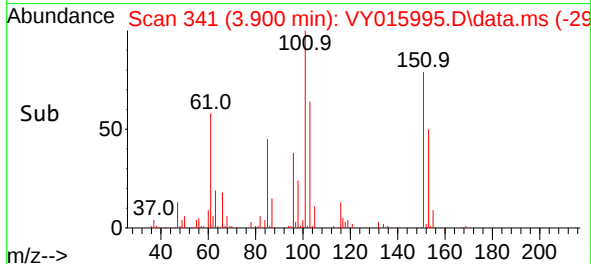
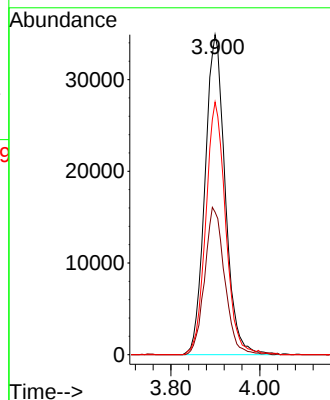
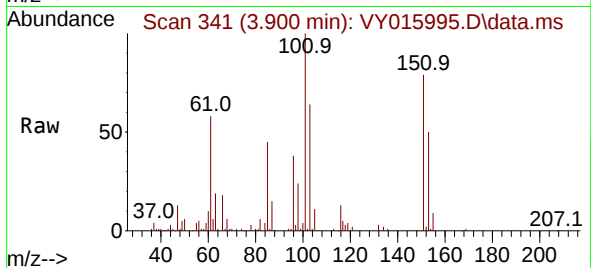
#9
1,1,2-Trichlorotrifluoroethane
Concen: 51.887 ug/l
RT: 3.900 min Scan# 341
Delta R.T. 0.000 min
Lab File: VY015995.D
Acq: 17 Oct 2023 09:21

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 11015
Ion Ratio Lower Upper
101 100
85 45.7 36.6 55.0
151 77.8 67.0 100.6

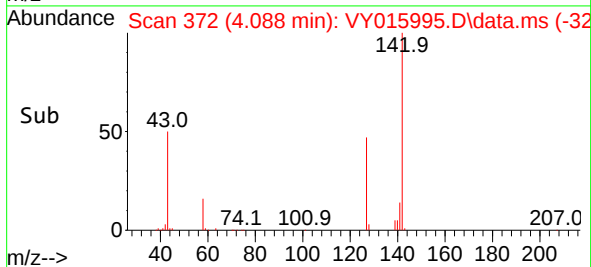
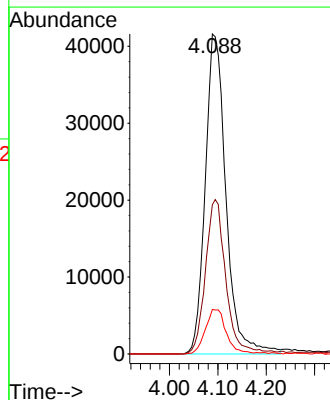
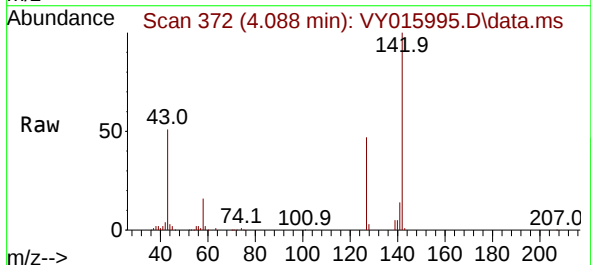
Manual Integrations
APPROVED

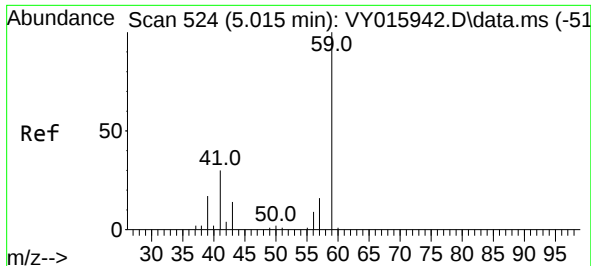
Reviewed By :John Carlone 10/18/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#10
Methyl Iodide
Concen: 50.768 ug/l
RT: 4.088 min Scan# 372
Delta R.T. -0.006 min
Lab File: VY015995.D
Acq: 17 Oct 2023 09:21

Tgt Ion:142 Resp: 123931
Ion Ratio Lower Upper
142 100
127 47.5 37.6 56.4
141 13.9 11.8 17.8





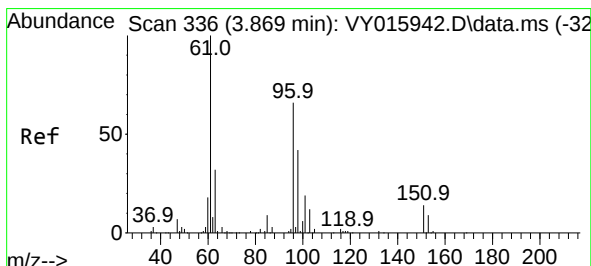
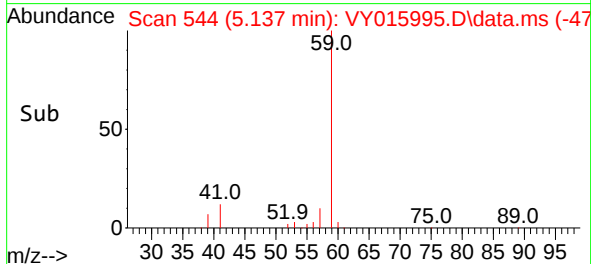
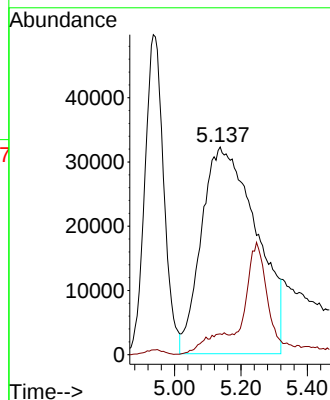
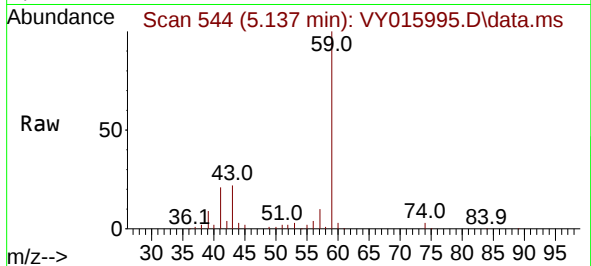
#11
Tert butyl alcohol
Concen: 272.035 ug/l m
RT: 5.137 min Scan# 54
Delta R.T. 0.122 min
Lab File: VY015995.D
Acq: 17 Oct 2023 09:21

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 59 Resp: 37041
Ion Ratio Lower Upper
59 100
57 0.8 3.0 4.4

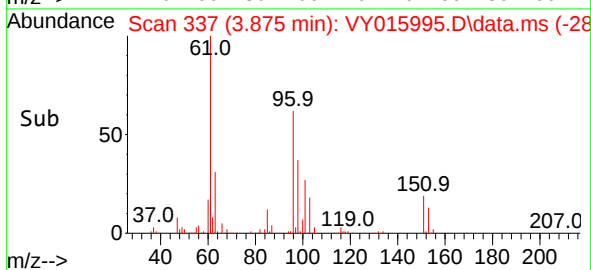
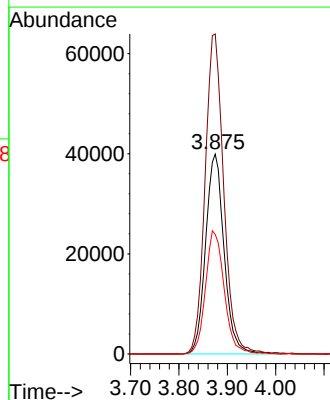
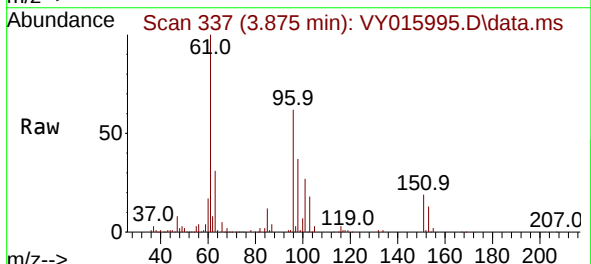
Manual Integrations
APPROVED

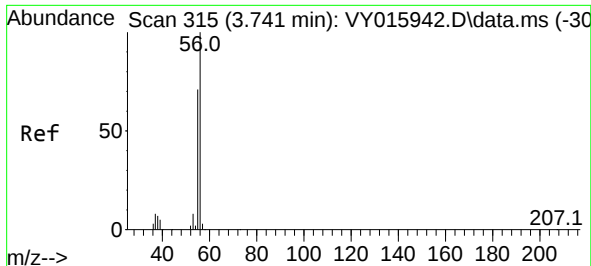
Reviewed By :John Carlone 10/18/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#12
1,1-Dichloroethene
Concen: 53.237 ug/l
RT: 3.875 min Scan# 337
Delta R.T. 0.006 min
Lab File: VY015995.D
Acq: 17 Oct 2023 09:21

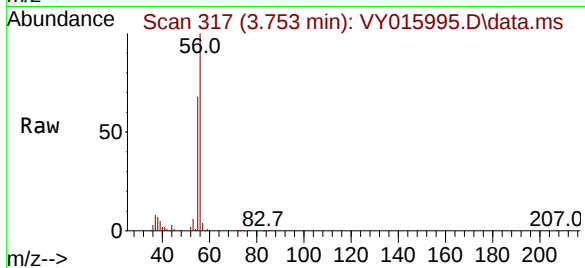
Tgt Ion: 96 Resp: 106465
Ion Ratio Lower Upper
96 100
61 160.1 136.4 204.6
98 59.8 49.4 74.2





#13
Acrolein
Concen: 242.191 ug/l
RT: 3.753 min Scan# 315
Delta R.T. 0.012 min
Lab File: VY015995.D
Acq: 17 Oct 2023 09:21

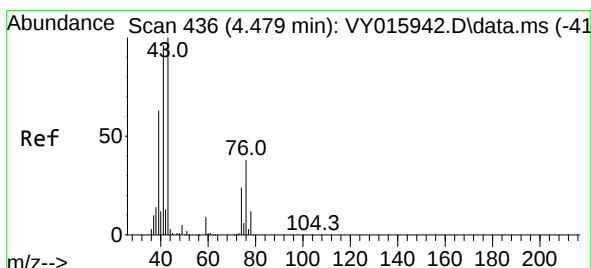
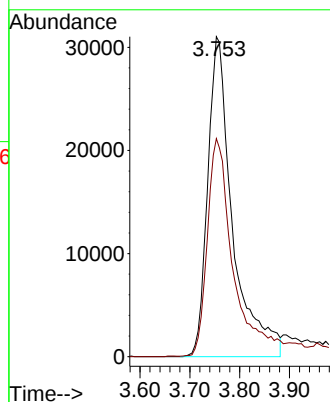
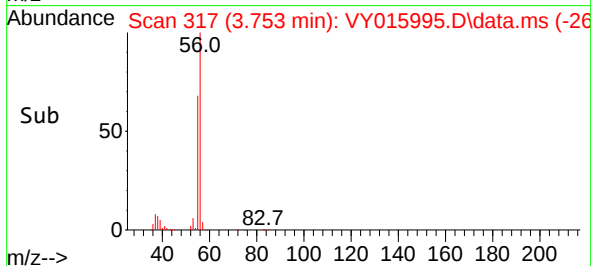
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 10735
Ion Ratio Lower Upper
56 100
55 71.1 57.0 85.4

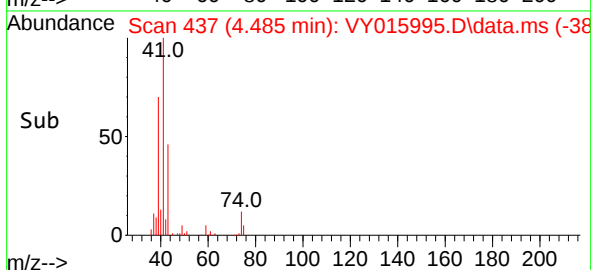
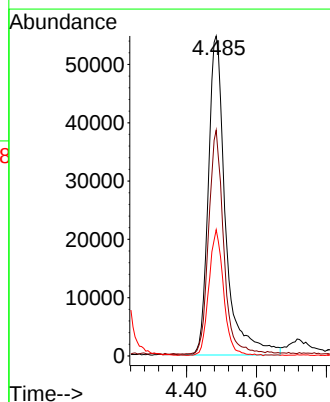
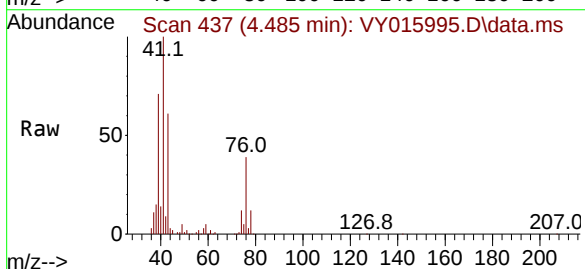
Manual Integrations
APPROVED

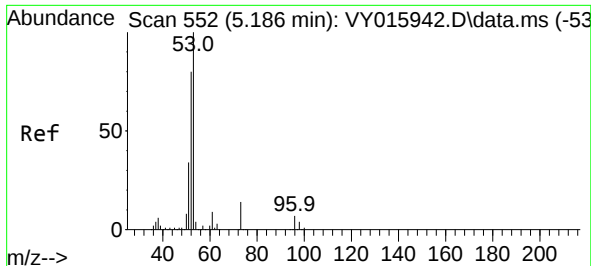
Reviewed By :John Carlone 10/18/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#14
Allyl chloride
Concen: 58.174 ug/l
RT: 4.485 min Scan# 437
Delta R.T. 0.006 min
Lab File: VY015995.D
Acq: 17 Oct 2023 09:21

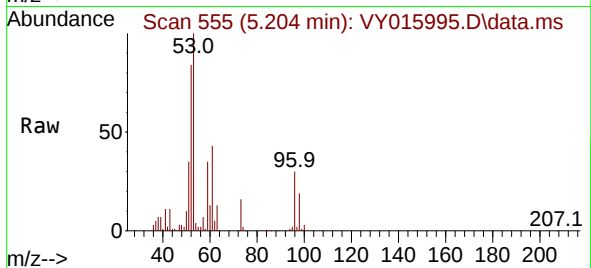
Tgt Ion: 41 Resp: 187997
Ion Ratio Lower Upper
41 100
39 60.8 58.0 87.0
76 33.7 27.4 41.2





#15
Acrylonitrile
Concen: 276.550 ug/l
RT: 5.204 min Scan# 511
Delta R.T. 0.018 min
Lab File: VY015995.D
Acq: 17 Oct 2023 09:21

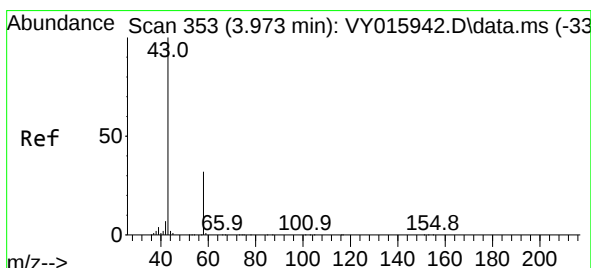
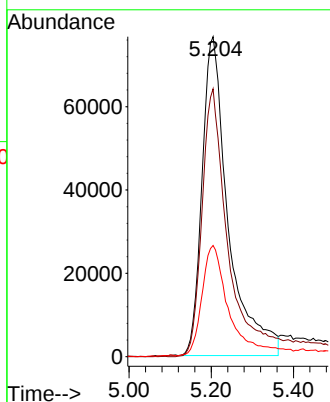
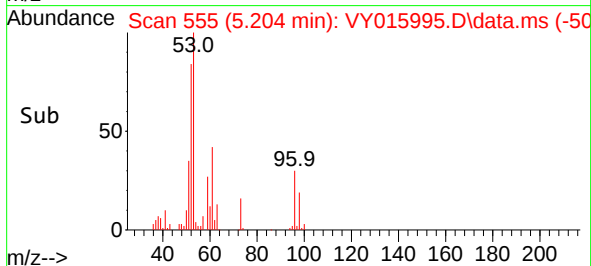
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 339938
Ion Ratio Lower Upper
53 100
52 83.5 66.9 100.3
51 36.3 29.8 44.6

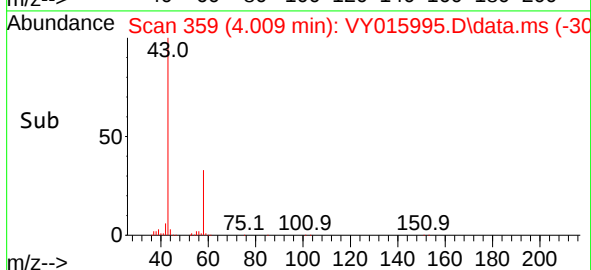
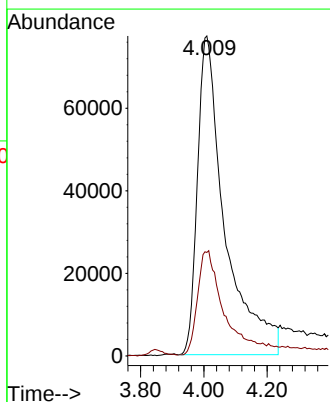
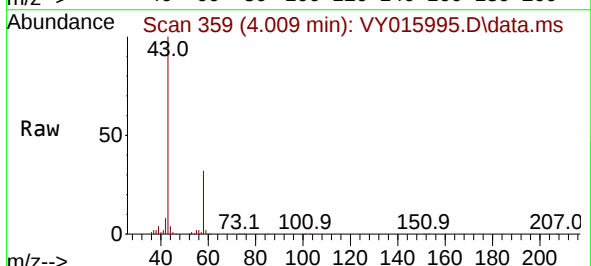
Manual Integrations
APPROVED

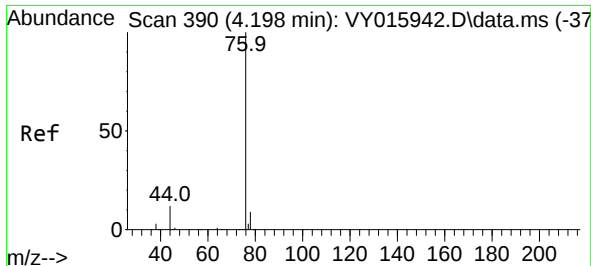
Reviewed By :John Carlone 10/18/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#16
Acetone
Concen: 341.211 ug/l
RT: 4.009 min Scan# 359
Delta R.T. 0.037 min
Lab File: VY015995.D
Acq: 17 Oct 2023 09:21

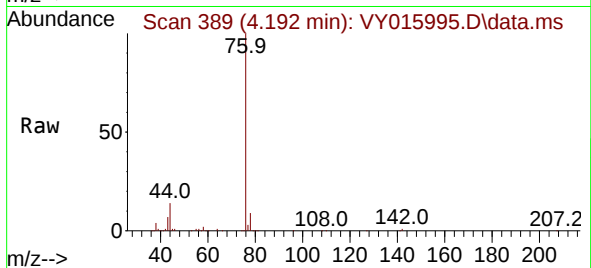
Tgt Ion: 43 Resp: 465172
Ion Ratio Lower Upper
43 100
58 32.2 22.7 34.1





#17
Carbon Disulfide
Concen: 51.692 ug/l
RT: 4.192 min Scan# 31
Delta R.T. -0.006 min
Lab File: VY015995.D
Acq: 17 Oct 2023 09:21

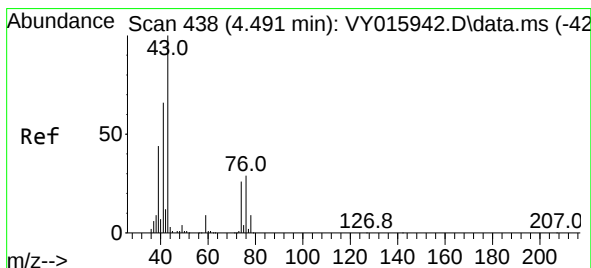
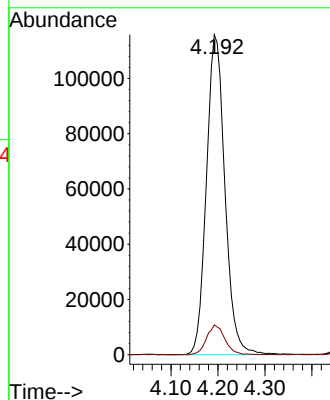
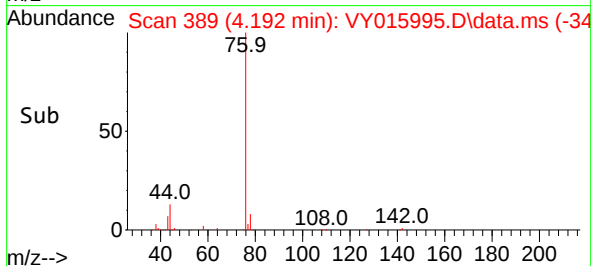
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 76 Resp: 315970
Ion Ratio Lower Upper
76 100
78 9.3 7.0 10.4

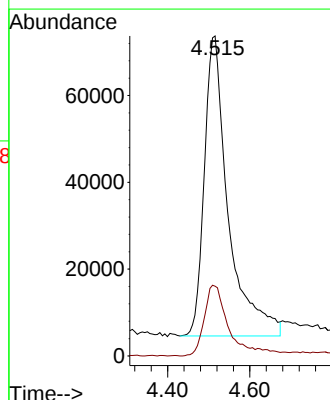
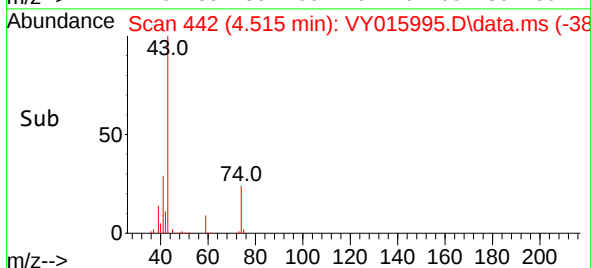
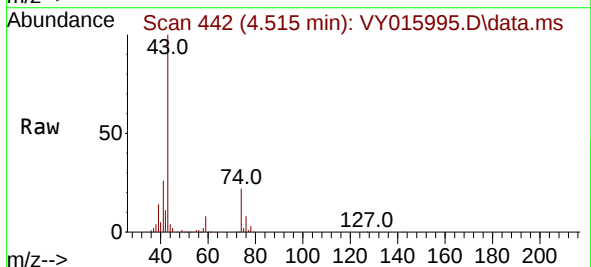
Manual Integrations
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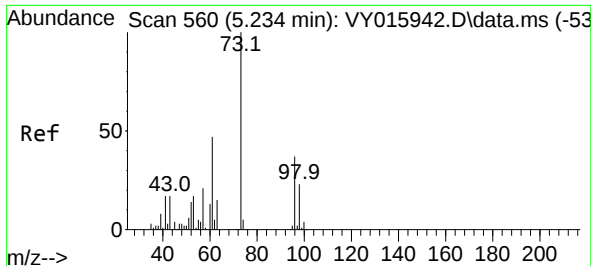
Reviewed By :John Carlone 10/18/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#18
Methyl Acetate
Concen: 59.169 ug/l
RT: 4.515 min Scan# 442
Delta R.T. 0.025 min
Lab File: VY015995.D
Acq: 17 Oct 2023 09:21

Tgt Ion: 43 Resp: 279800
Ion Ratio Lower Upper
43 100
74 24.8 17.4 26.0





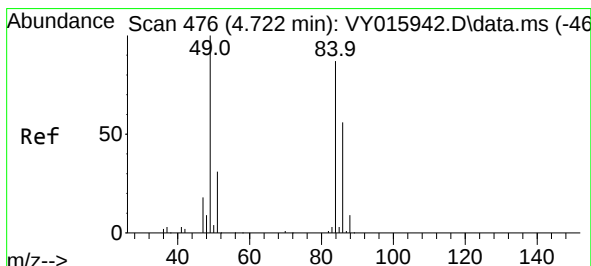
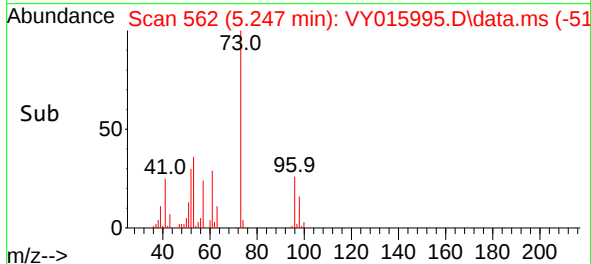
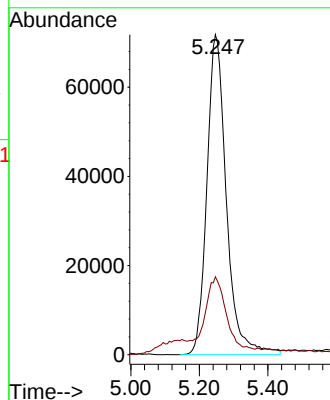
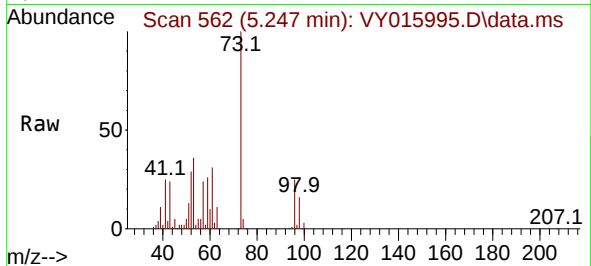
#19
Methyl tert-butyl Ether
Concen: 42.257 ug/l
RT: 5.247 min Scan# 501
Delta R.T. 0.012 min
Lab File: VY015995.D
Acq: 17 Oct 2023 09:21

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 28329
Ion Ratio Lower Upper
73 100
57 23.1 17.3 25.9

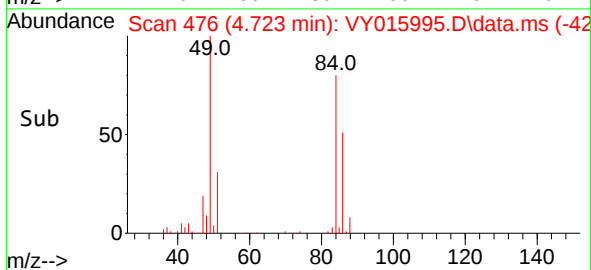
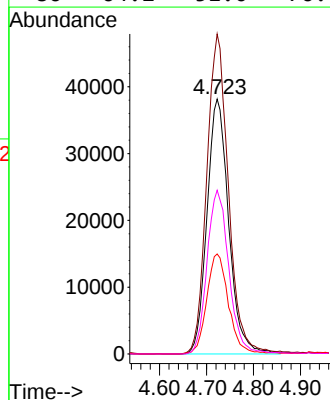
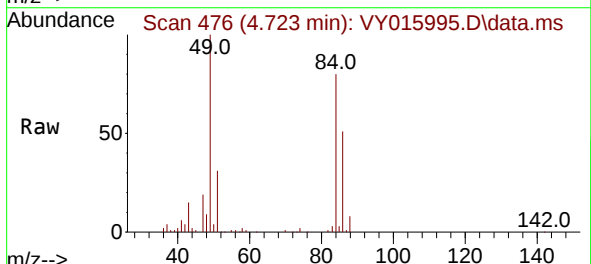
Manual Integrations
APPROVED

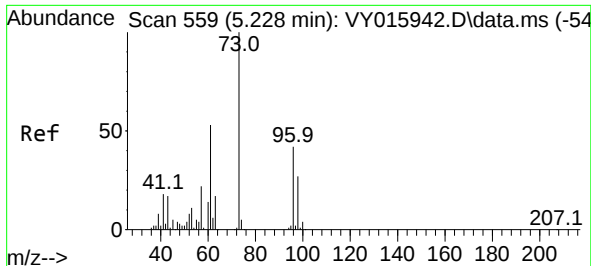
Reviewed By :John Carlone 10/18/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#20
Methylene Chloride
Concen: 46.803 ug/l
RT: 4.723 min Scan# 476
Delta R.T. 0.001 min
Lab File: VY015995.D
Acq: 17 Oct 2023 09:21

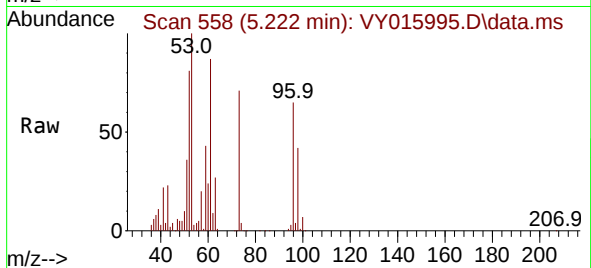
Tgt Ion: 84 Resp: 122510
Ion Ratio Lower Upper
84 100
49 125.5 106.9 160.3
51 39.2 33.2 49.8
86 64.2 51.0 76.6





#21
trans-1,2-Dichloroethene
Concen: 48.437 ug/l
RT: 5.222 min Scan# 511
Delta R.T. -0.006 min
Lab File: VY015995.D
Acq: 17 Oct 2023 09:21

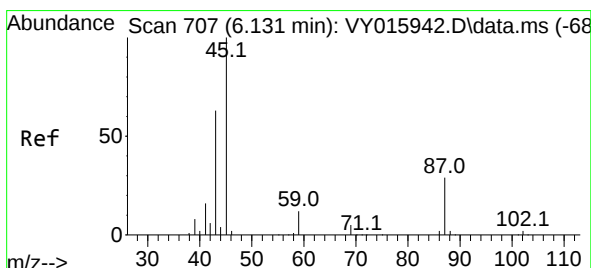
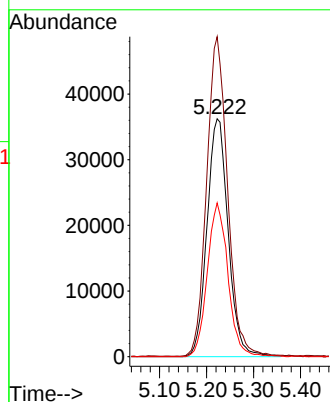
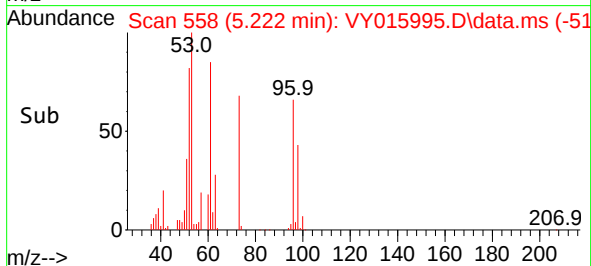
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 96 Resp: 113225
Ion Ratio Lower Upper
96 100
61 134.3 110.2 165.4
98 64.6 51.8 77.6

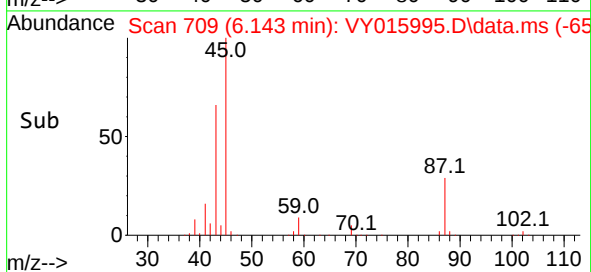
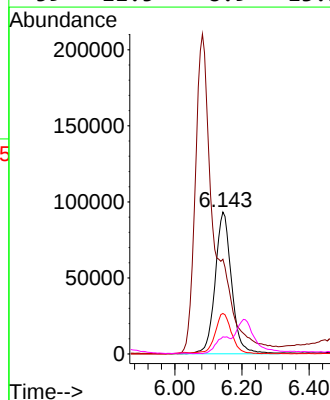
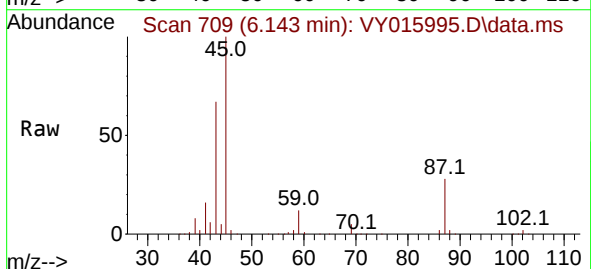
Manual Integrations
APPROVED

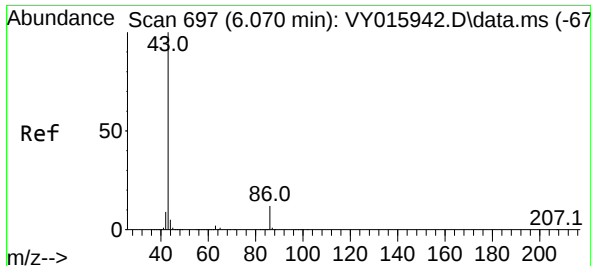
Reviewed By :John Carlone 10/18/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#22
Diisopropyl ether
Concen: 47.225 ug/l
RT: 6.143 min Scan# 709
Delta R.T. 0.012 min
Lab File: VY015995.D
Acq: 17 Oct 2023 09:21

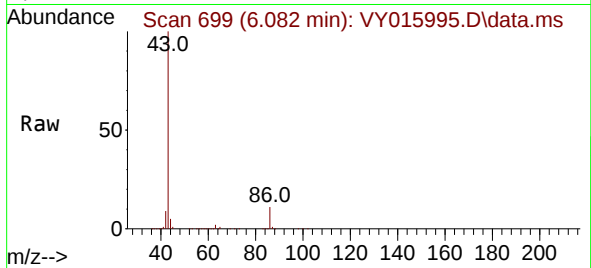
Tgt Ion: 45 Resp: 316908
Ion Ratio Lower Upper
45 100
43 66.4 52.2 78.4
87 28.2 21.0 31.6
59 11.5 8.9 13.3





#23
 Vinyl Acetate
 Concen: 194.884 ug/l
 RT: 6.082 min Scan# 697
 Delta R.T. 0.012 min
 Lab File: VY015995.D
 Acq: 17 Oct 2023 09:21

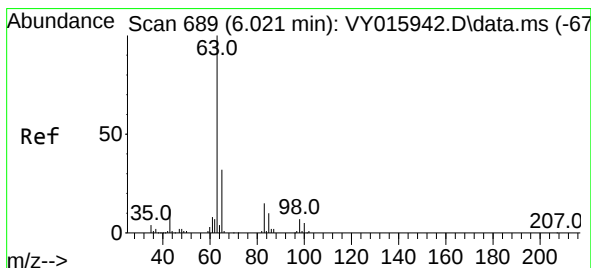
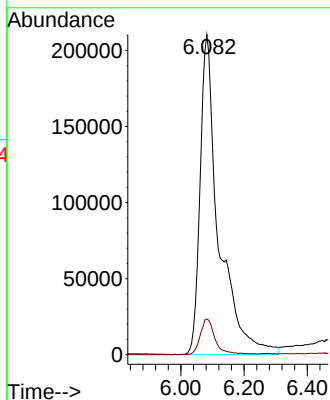
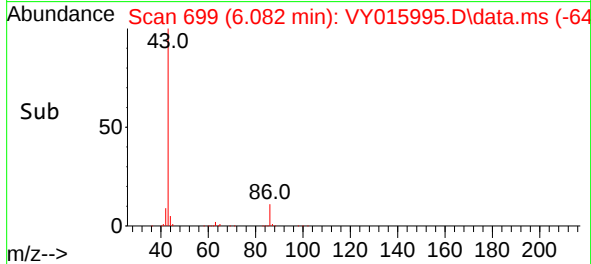
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050



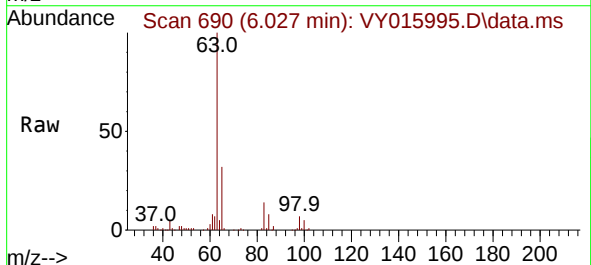
Tgt Ion: 43 Resp: 860362
 Ion Ratio Lower Upper
 43 100
 86 11.2 7.5 11.3

Manual Integrations
 APPROVED

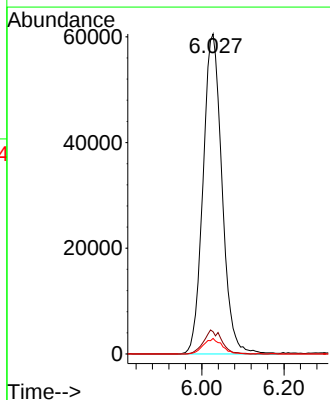
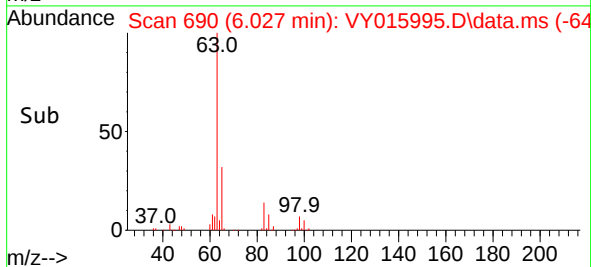
Reviewed By :John Carlone 10/18/2023
 Supervised By :Semsettin Yesilyurt 10/20/2023

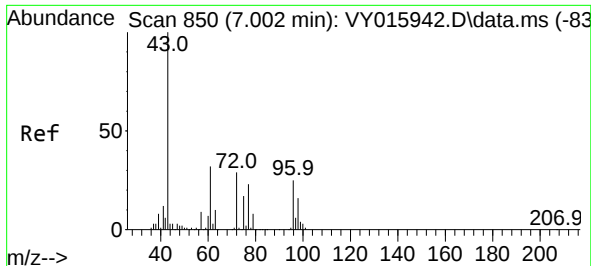


#24
 1,1-Dichloroethane
 Concen: 48.551 ug/l
 RT: 6.027 min Scan# 690
 Delta R.T. 0.006 min
 Lab File: VY015995.D
 Acq: 17 Oct 2023 09:21



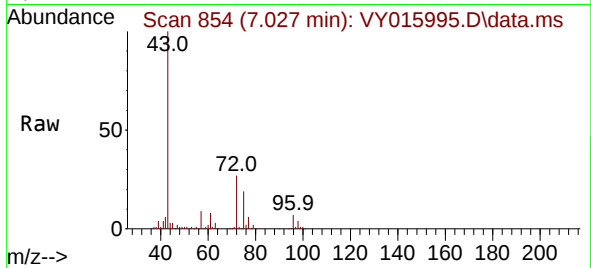
Tgt Ion: 63 Resp: 193852
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.1 9.4
 100 4.9 1.8 5.5





#25
2-Butanone
Concen: 284.553 ug/l
RT: 7.027 min Scan# 850
Delta R.T. 0.025 min
Lab File: VY015995.D
Acq: 17 Oct 2023 09:21

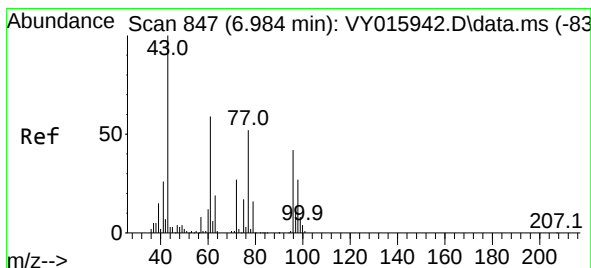
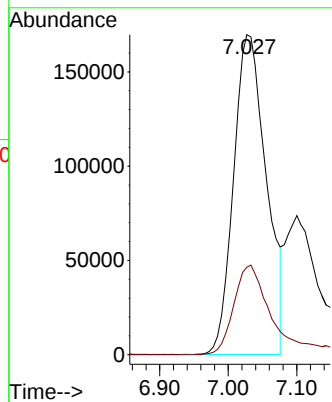
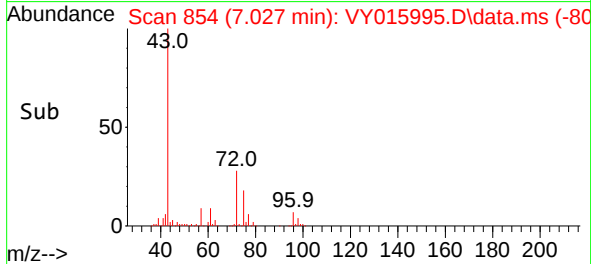
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



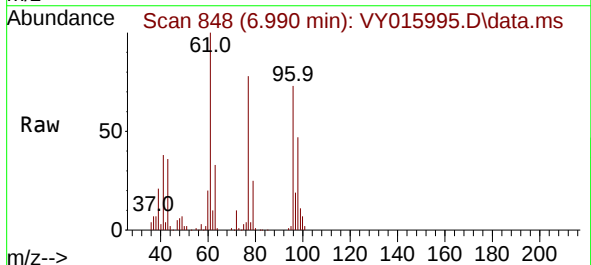
Tgt Ion: 43 Resp: 564599
Ion Ratio Lower Upper
43 100
72 27.3 20.5 30.7

Manual Integrations
APPROVED

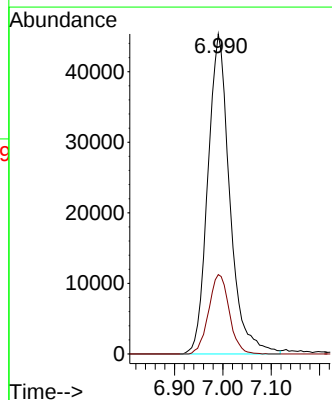
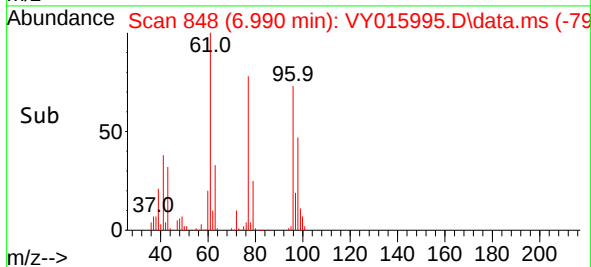
Reviewed By :John Carlone 10/18/2023
Supervised By :Semsettin Yesilyurt 10/20/2023

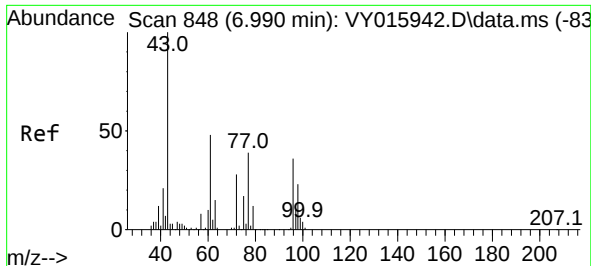


#26
2,2-Dichloropropane
Concen: 43.125 ug/l
RT: 6.990 min Scan# 848
Delta R.T. 0.006 min
Lab File: VY015995.D
Acq: 17 Oct 2023 09:21



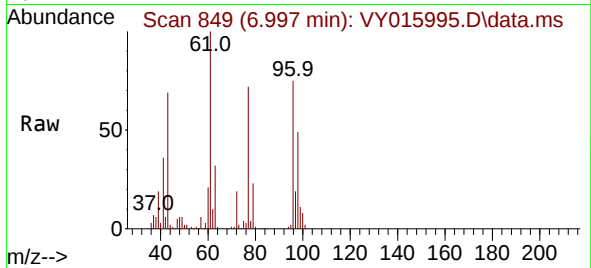
Tgt Ion: 77 Resp: 142982
Ion Ratio Lower Upper
77 100
97 23.2 10.9 32.9





#27
 cis-1,2-Dichloroethene
 Concen: 46.660 ug/l
 RT: 6.997 min Scan# 848
 Delta R.T. 0.006 min
 Lab File: VY015995.D
 Acq: 17 Oct 2023 09:21

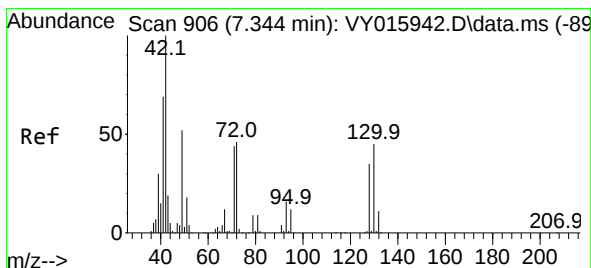
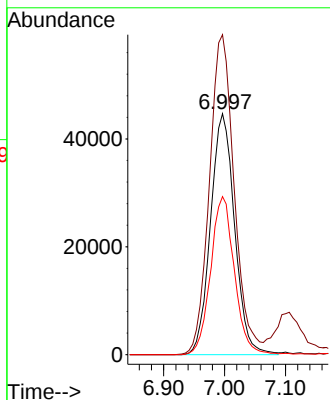
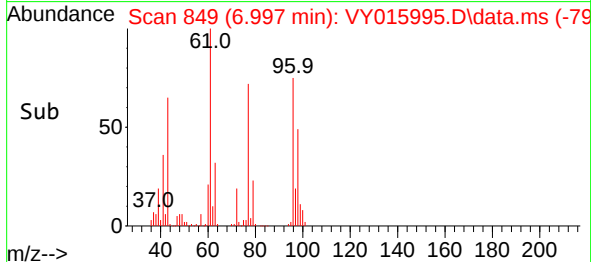
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050



Tgt Ion: 96 Resp: 12264
 Ion Ratio Lower Upper
 96 100
 61 137.0 0.0 301.4
 98 64.7 0.0 130.4

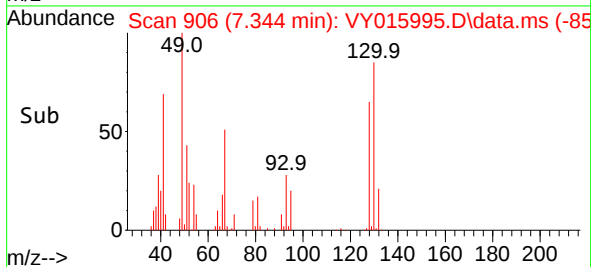
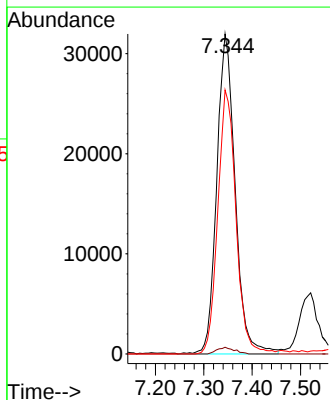
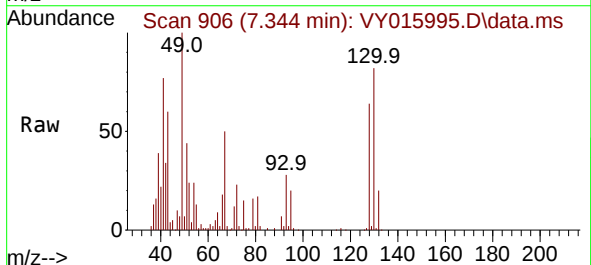
Manual Integrations
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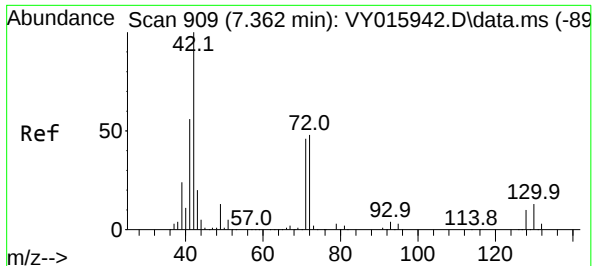
Reviewed By :John Carlone 10/18/2023
 Supervised By :Semsettin Yesilyurt 10/20/2023



#28
 Bromochloromethane
 Concen: 47.414 ug/l
 RT: 7.344 min Scan# 906
 Delta R.T. 0.000 min
 Lab File: VY015995.D
 Acq: 17 Oct 2023 09:21

Tgt Ion: 49 Resp: 84481
 Ion Ratio Lower Upper
 49 100
 129 2.0 0.0 4.6
 130 81.4 60.7 91.1





#29

Tetrahydrofuran

Concen: 296.229 ug/l

RT: 7.381 min Scan# 912

Delta R.T. 0.018 min

Lab File: VY015995.D

Acq: 17 Oct 2023 09:21

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 42 Resp: 402904

Ion Ratio Lower Upper

42 100

72 42.6 32.8 49.2

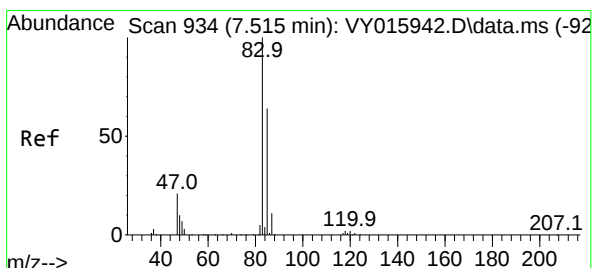
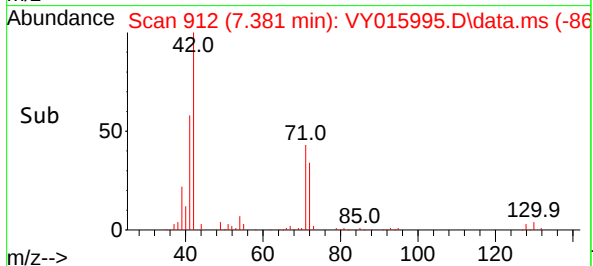
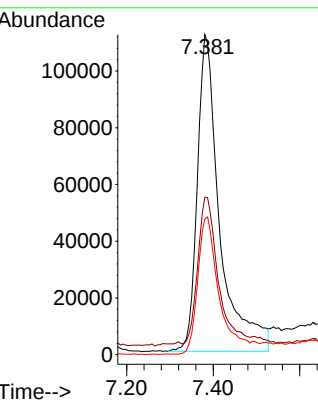
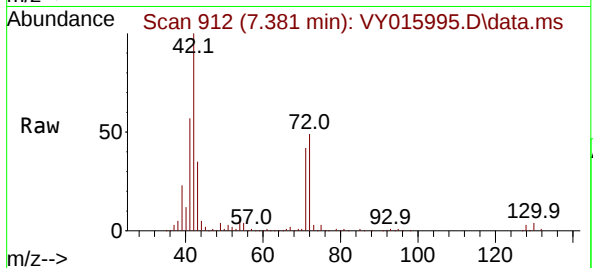
71 42.8 31.0 46.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/18/2023

Supervised By :Semsettin Yesilyurt 10/20/2023



#30

Chloroform

Concen: 47.593 ug/l

RT: 7.521 min Scan# 935

Delta R.T. 0.006 min

Lab File: VY015995.D

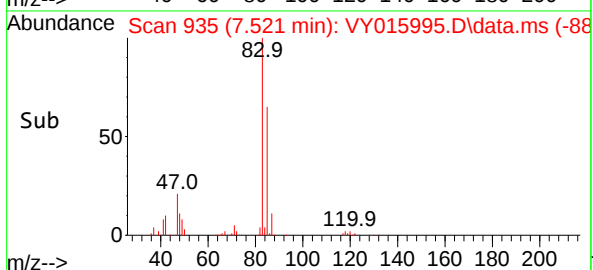
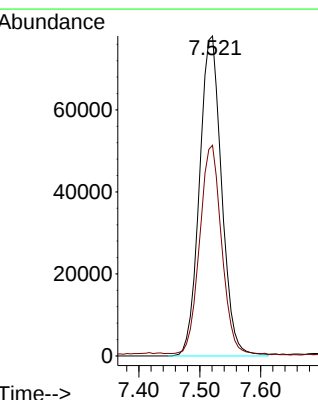
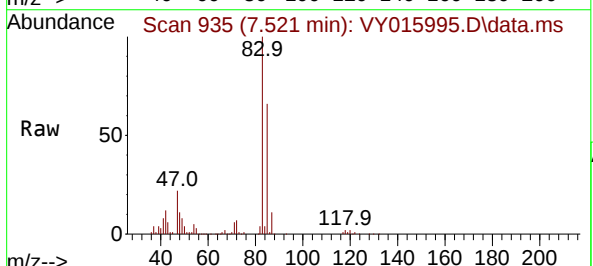
Acq: 17 Oct 2023 09:21

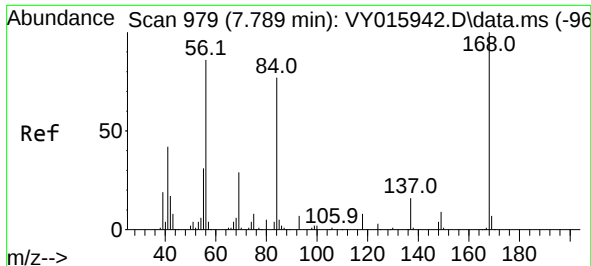
Tgt Ion: 83 Resp: 197236

Ion Ratio Lower Upper

83 100

85 65.3 49.7 74.5





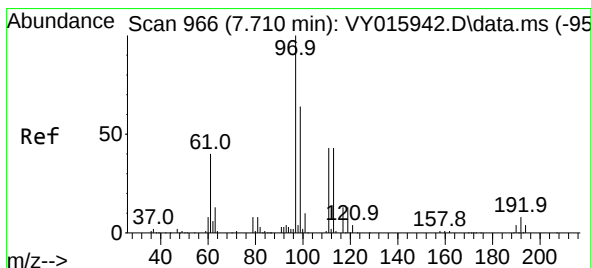
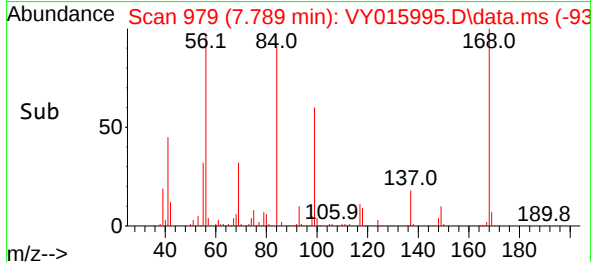
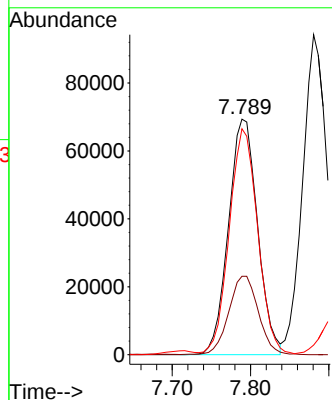
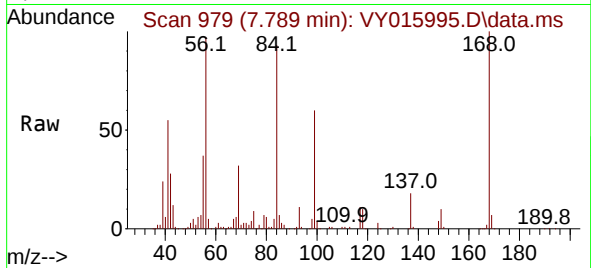
#31
Cyclohexane
Concen: 47.937 ug/l
RT: 7.789 min Scan# 911
Delta R.T. 0.000 min
Lab File: VY015995.D
Acq: 17 Oct 2023 09:21

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 56 Resp: 17909
Ion Ratio Lower Upper
56 100
69 33.2 27.8 41.6
84 94.3 66.4 99.6

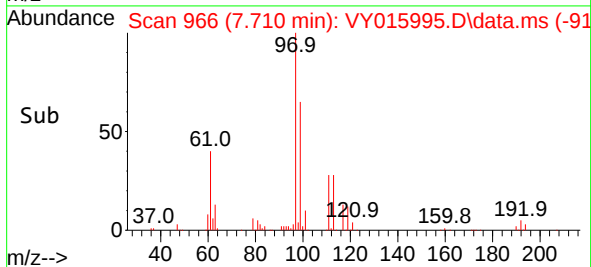
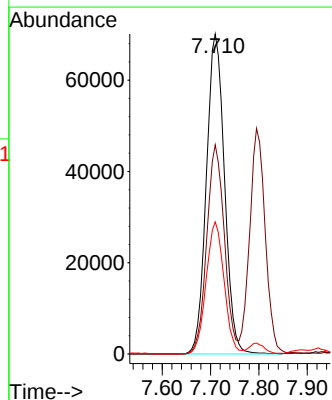
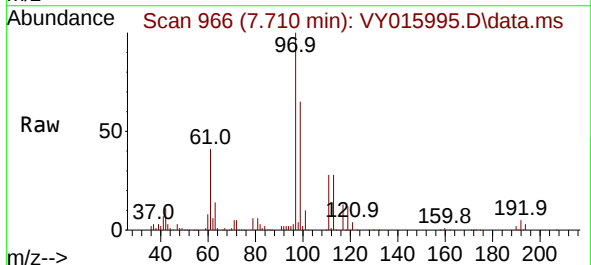
Manual Integrations
APPROVED

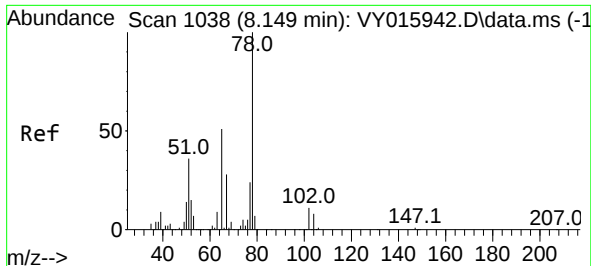
Reviewed By :John Carlone 10/18/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#32
1,1,1-Trichloroethane
Concen: 49.582 ug/l
RT: 7.710 min Scan# 966
Delta R.T. 0.000 min
Lab File: VY015995.D
Acq: 17 Oct 2023 09:21

Tgt Ion: 97 Resp: 182746
Ion Ratio Lower Upper
97 100
99 63.8 50.8 76.2
61 40.9 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 44.363 ug/l

RT: 8.155 min Scan# 1039

Delta R.T. 0.006 min

Lab File: VY015995.D

Acq: 17 Oct 2023 09:21

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 104110

Ion Ratio Lower Upper

65 100

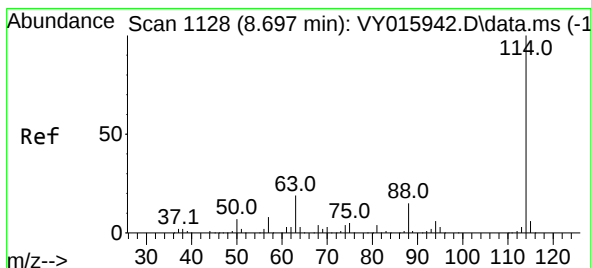
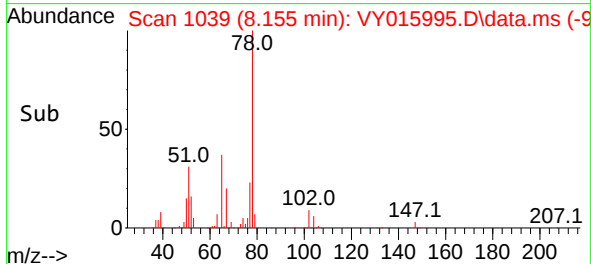
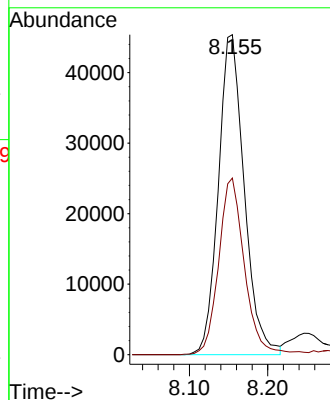
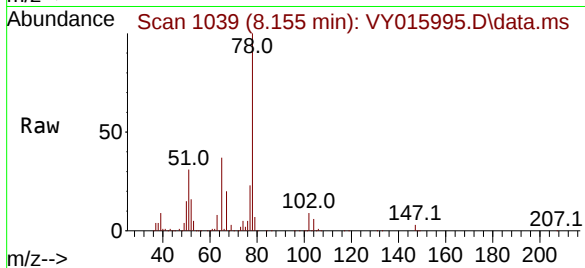
67 55.2 0.0 101.8

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: 8.697 min Scan# 1128

Delta R.T. 0.000 min

Lab File: VY015995.D

Acq: 17 Oct 2023 09:21

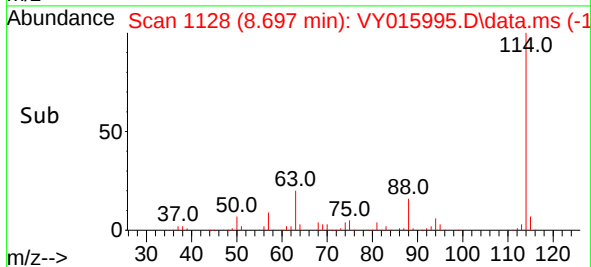
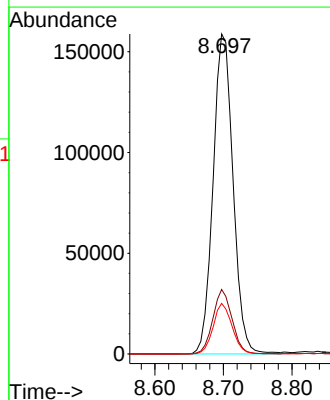
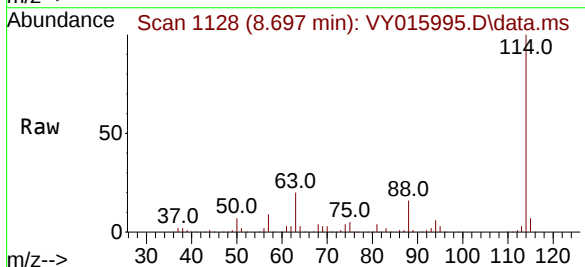
Tgt Ion:114 Resp: 321495

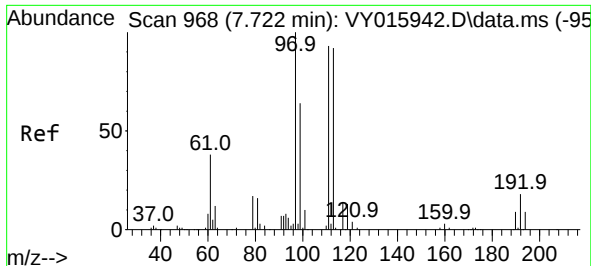
Ion Ratio Lower Upper

114 100

63 20.2 0.0 42.4

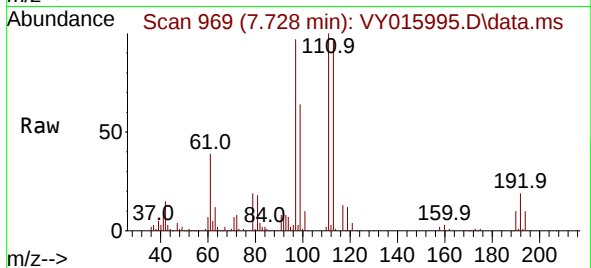
88 15.8 0.0 30.6





#35
Dibromofluoromethane
Concen: 47.403 ug/l
RT: 7.728 min Scan# 90
Delta R.T. 0.006 min
Lab File: VY015995.D
Acq: 17 Oct 2023 09:21

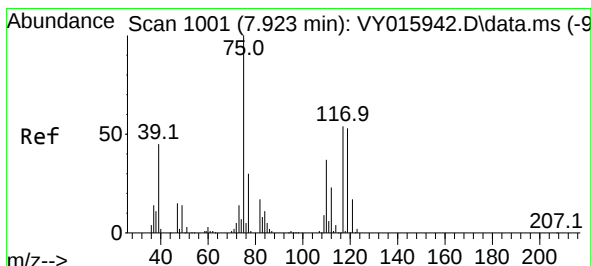
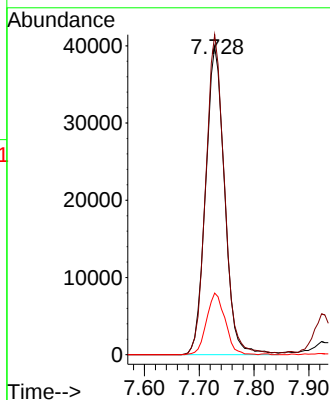
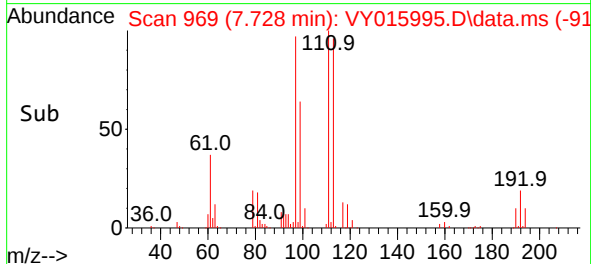
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



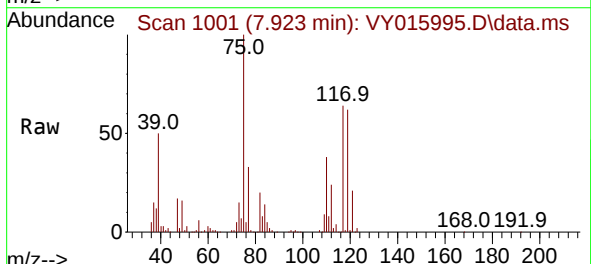
Tgt Ion:113 Resp: 9594
Ion Ratio Lower Upper
113 100
111 102.0 81.3 121.9
192 19.6 16.9 25.3

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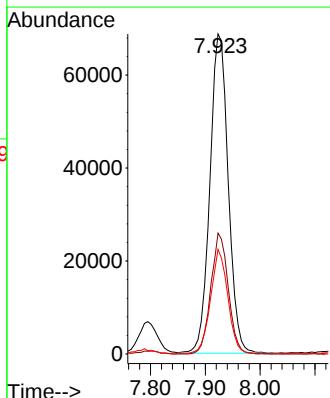
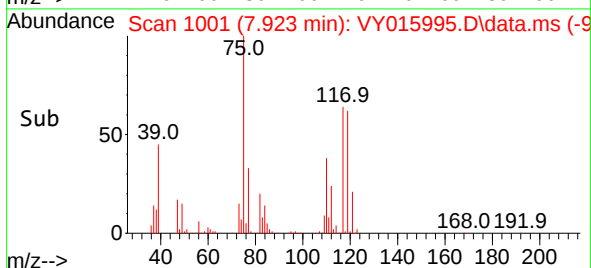
Reviewed By :John Carlone 10/18/2023
Supervised By :Semsettin Yesilyurt 10/20/2023

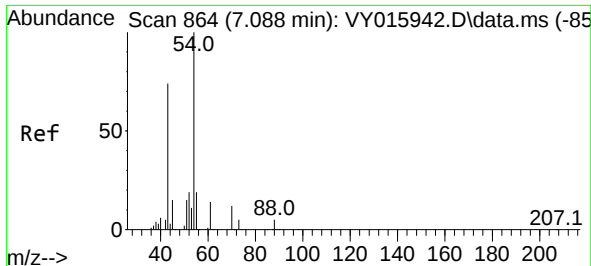


#36
1,1-Dichloropropene
Concen: 52.223 ug/l
RT: 7.923 min Scan# 1001
Delta R.T. 0.000 min
Lab File: VY015995.D
Acq: 17 Oct 2023 09:21



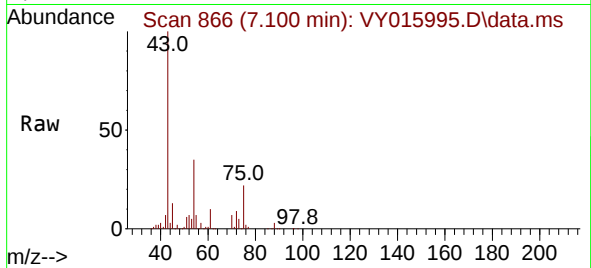
Tgt Ion: 75 Resp: 159486
Ion Ratio Lower Upper
75 100
110 35.9 17.8 53.5
77 31.0 24.4 36.6





#37
Ethyl Acetate
Concen: 60.721 ug/l m
RT: 7.100 min Scan# 864
Delta R.T. 0.012 min
Lab File: VY015995.D
Acq: 17 Oct 2023 09:21

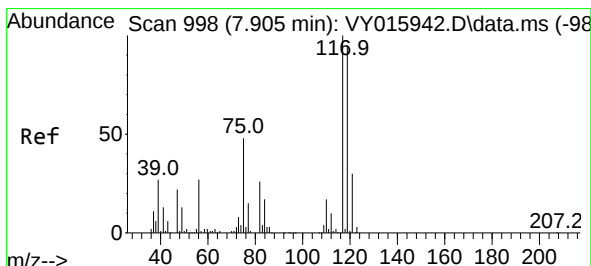
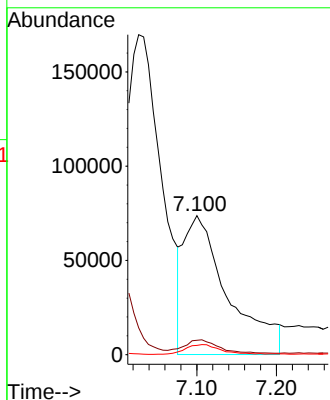
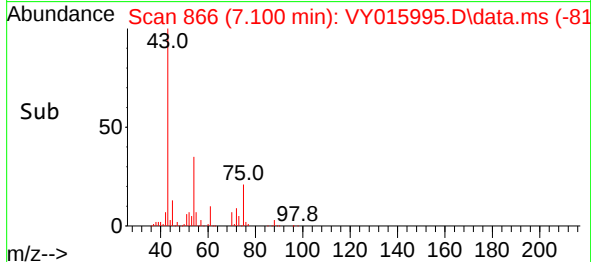
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 28612
Ion Ratio Lower Upper
43 100
61 0.0 10.1 15.1
70 0.0 7.1 10.7

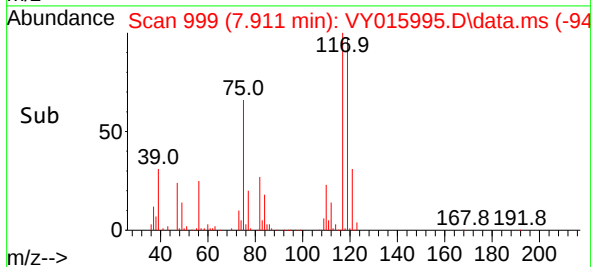
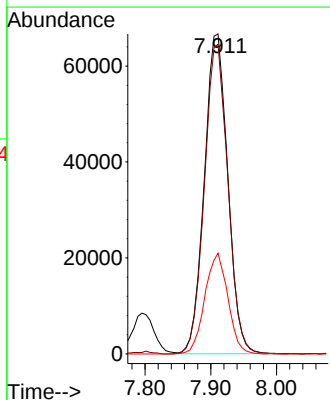
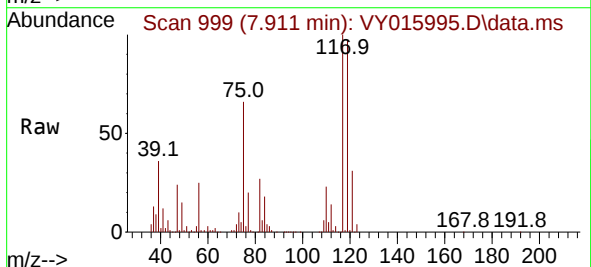
Manual Integrations
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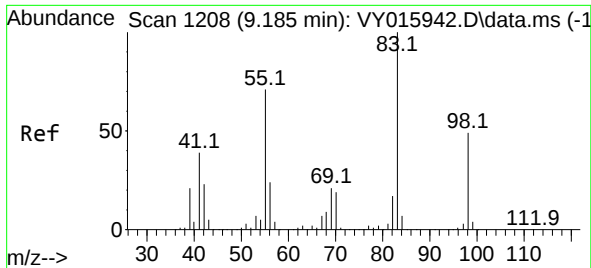
Reviewed By :John Carlone 10/18/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#38
Carbon Tetrachloride
Concen: 51.595 ug/l
RT: 7.911 min Scan# 999
Delta R.T. 0.006 min
Lab File: VY015995.D
Acq: 17 Oct 2023 09:21

Tgt Ion:117 Resp: 165940
Ion Ratio Lower Upper
117 100
119 96.8 76.4 114.6
121 31.5 25.8 38.6





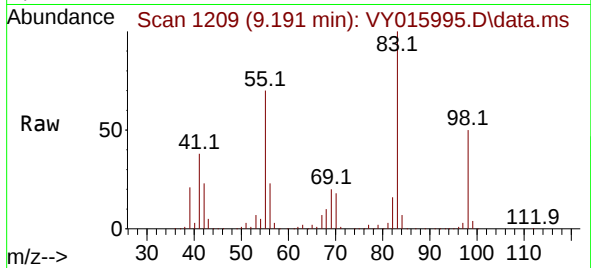
#39
Methylcyclohexane
Concen: 51.386 ug/l
RT: 9.191 min Scan# 1209
Delta R.T. 0.006 min
Lab File: VY015995.D
Acq: 17 Oct 2023 09:21

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050



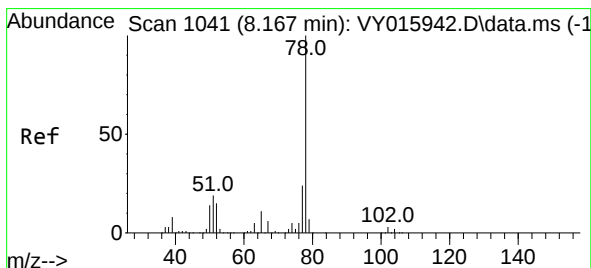
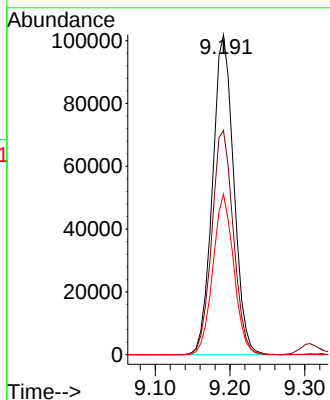
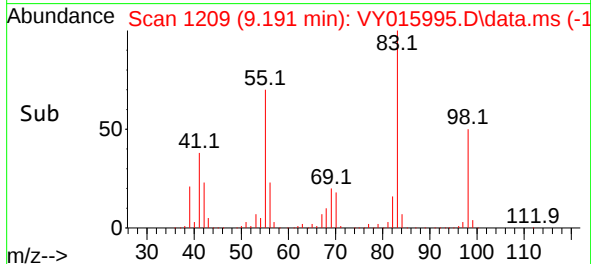
Tgt Ion: 83 Resp: 201340
Ion Ratio Lower Upper
83 100
55 70.1 63.0 94.4
98 50.1 37.4 56.2

Manual Integrations

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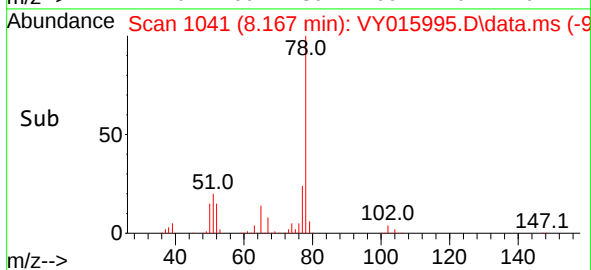
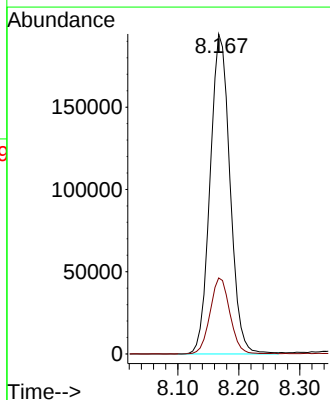
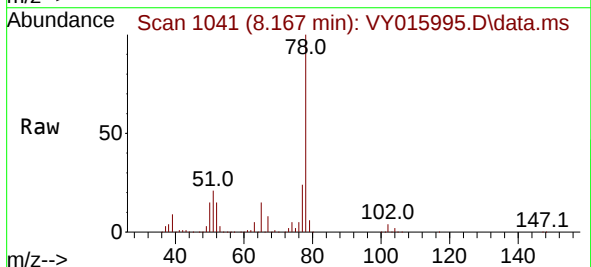
Reviewed By :John Carlone 10/18/2023

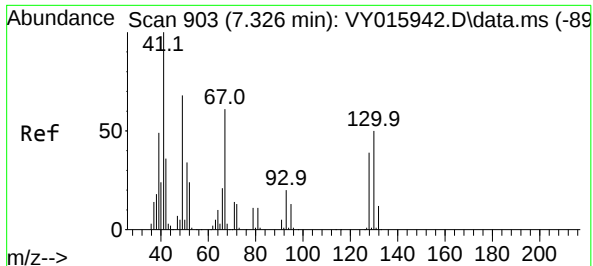
Supervised By :Semsettin Yesilyurt 10/20/2023



#40
Benzene
Concen: 49.882 ug/l
RT: 8.167 min Scan# 1041
Delta R.T. 0.000 min
Lab File: VY015995.D
Acq: 17 Oct 2023 09:21

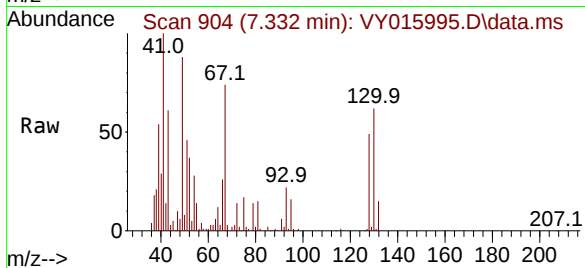
Tgt Ion: 78 Resp: 440766
Ion Ratio Lower Upper
78 100
77 23.7 19.0 28.6





#41
Methacrylonitrile
Concen: 46.800 ug/l m
RT: 7.332 min Scan# 903
Delta R.T. 0.006 min
Lab File: VY015995.D
Acq: 17 Oct 2023 09:21

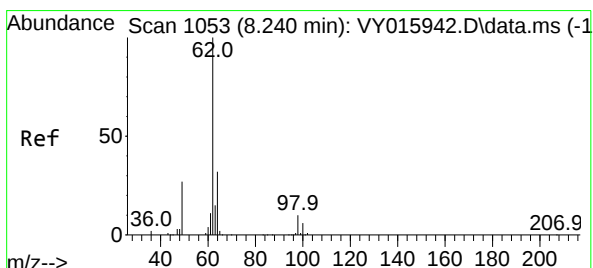
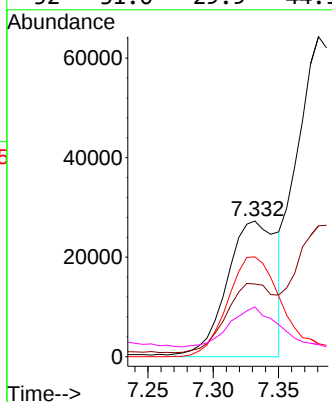
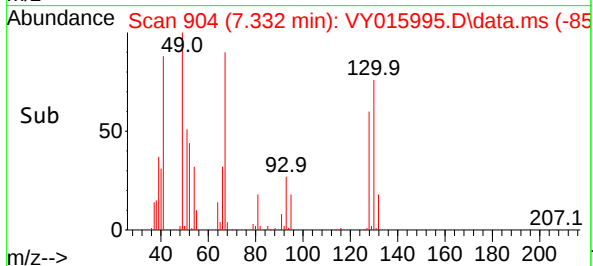
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 41 Resp: 72712
Ion Ratio Lower Upper
41 100
39 50.2 52.1 78.1
67 85.6 66.2 99.2
52 31.0 29.9 44.9

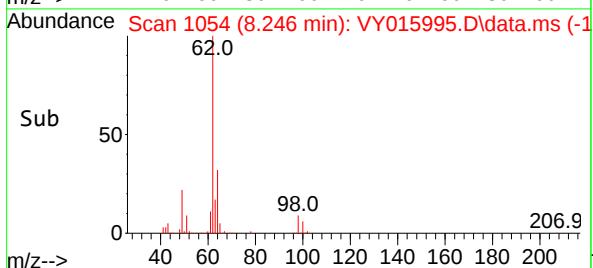
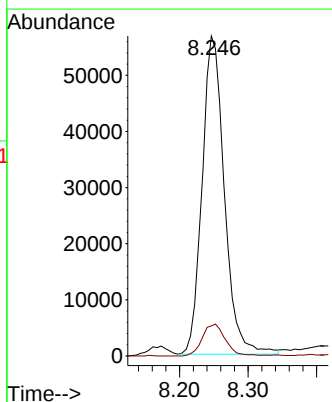
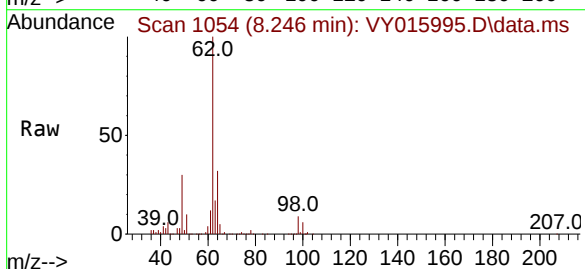
Manual Integrations
APPROVED

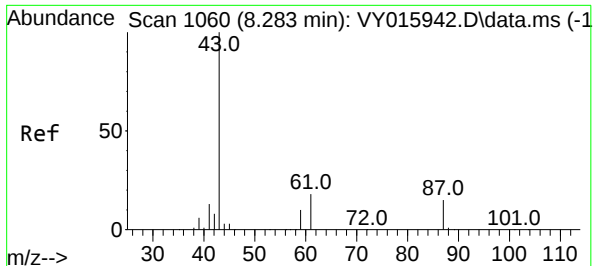
Reviewed By :John Carlone 10/18/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#42
1,2-Dichloroethane
Concen: 45.252 ug/l
RT: 8.246 min Scan# 1054
Delta R.T. 0.006 min
Lab File: VY015995.D
Acq: 17 Oct 2023 09:21

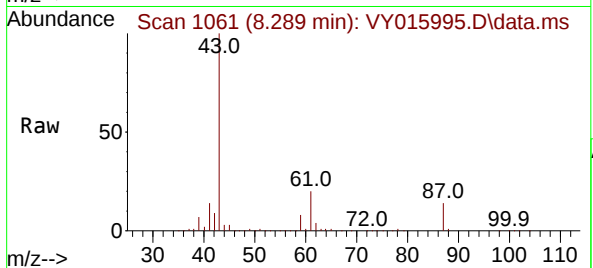
Tgt Ion: 62 Resp: 128302
Ion Ratio Lower Upper
62 100
98 10.4 0.0 15.8





#43
Isopropyl Acetate
Concen: 45.247 ug/l
RT: 8.289 min Scan# 1061
Delta R.T. 0.006 min
Lab File: VY015995.D
Acq: 17 Oct 2023 09:21

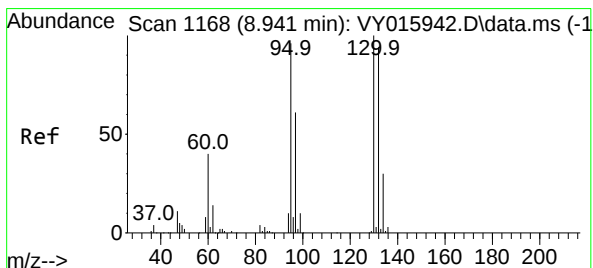
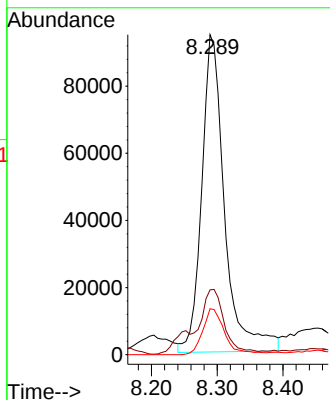
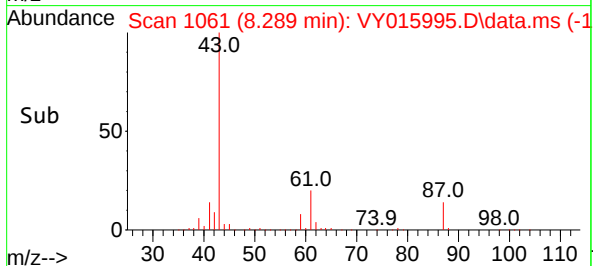
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 229054
Ion Ratio Lower Upper
43 100
61 19.2 21.1 31.7
87 13.9 9.8 14.8

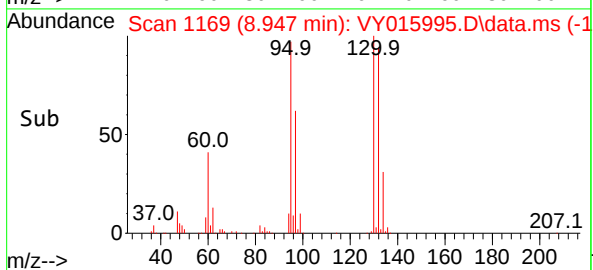
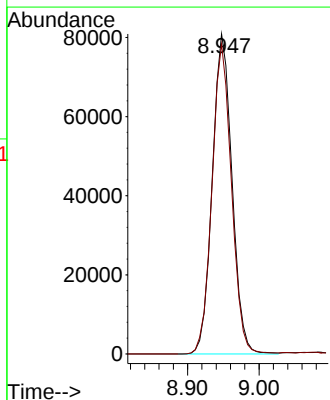
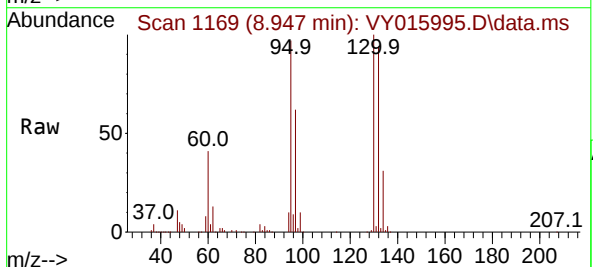
Manual Integrations
APPROVED

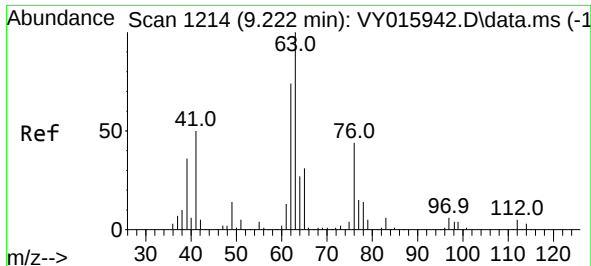
Reviewed By :John Carlone 10/18/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#44
Trichloroethene
Concen: 56.847 ug/l
RT: 8.947 min Scan# 1169
Delta R.T. 0.006 min
Lab File: VY015995.D
Acq: 17 Oct 2023 09:21

Tgt Ion:130 Resp: 154795
Ion Ratio Lower Upper
130 100
95 96.9 0.0 196.0





#45

1,2-Dichloropropane

Concen: 48.709 ug/l

RT: 9.228 min Scan# 1214

Delta R.T. 0.006 min

Lab File: VY015995.D

Acq: 17 Oct 2023 09:21

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 10982

Ion Ratio Lower Upper

63 100

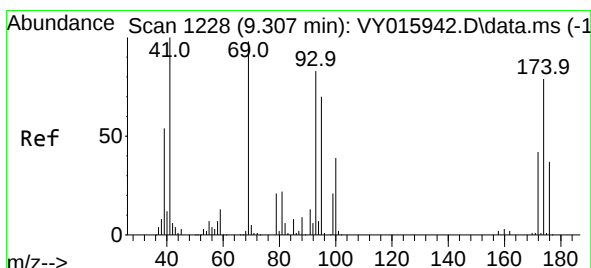
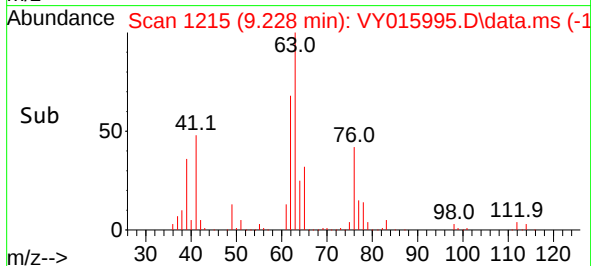
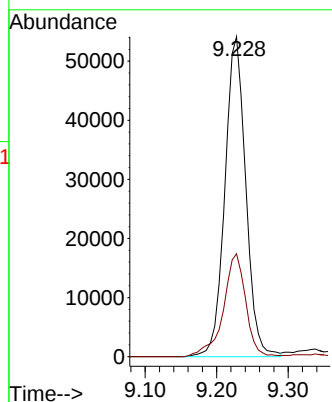
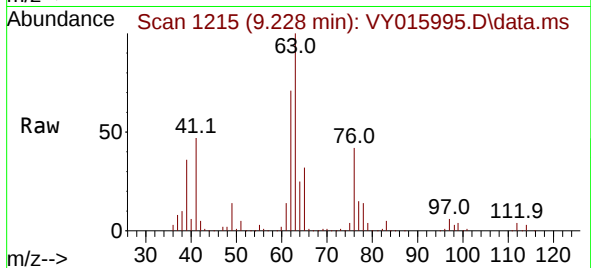
65 32.1 23.8 35.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/18/2023

Supervised By :Semsettin Yesilyurt 10/20/2023



#46

Dibromomethane

Concen: 45.228 ug/l

RT: 9.313 min Scan# 1229

Delta R.T. 0.006 min

Lab File: VY015995.D

Acq: 17 Oct 2023 09:21

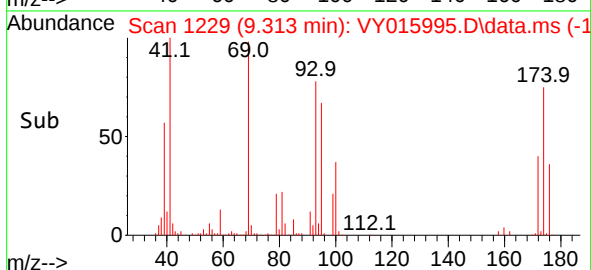
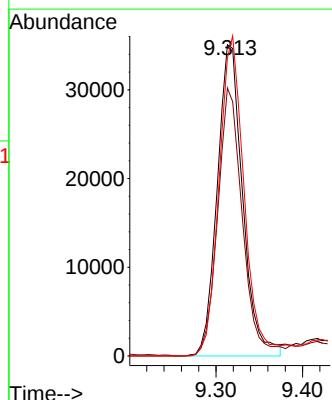
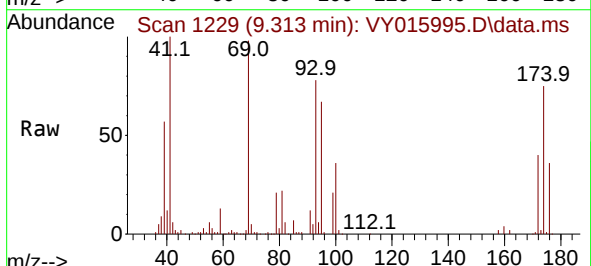
Tgt Ion: 93 Resp: 71680

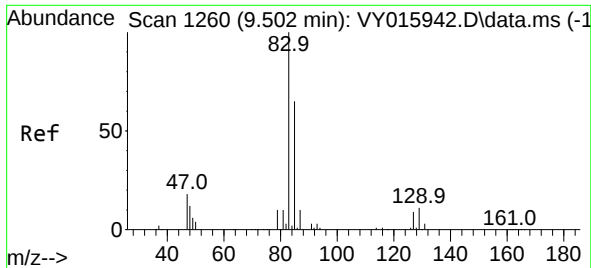
Ion Ratio Lower Upper

93 100

95 83.6 66.6 100.0

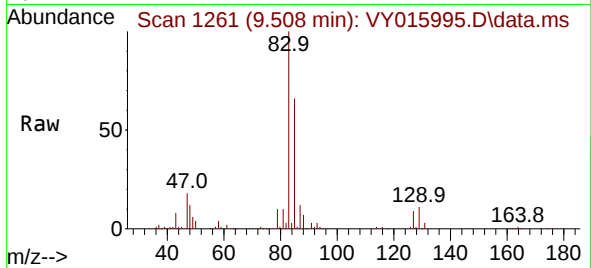
174 101.0 84.8 127.2





#47
Bromodichloromethane
Concen: 47.826 ug/l
RT: 9.508 min Scan# 1261
Delta R.T. 0.006 min
Lab File: VY015995.D
Acq: 17 Oct 2023 09:21

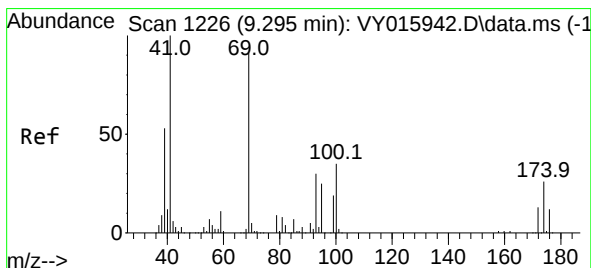
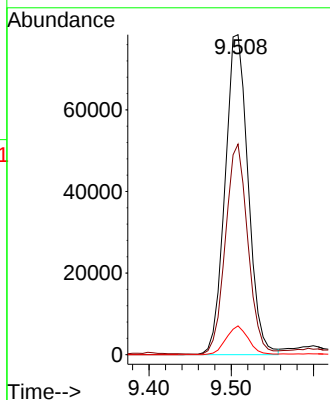
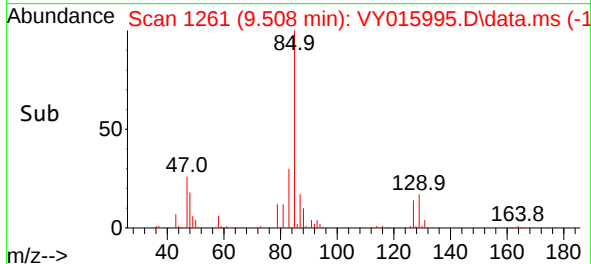
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



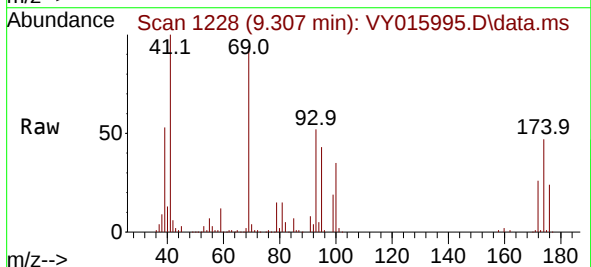
Tgt Ion: 83 Resp: 153059
Ion Ratio Lower Upper
83 100
85 65.5 50.1 75.1
127 9.0 7.1 10.7

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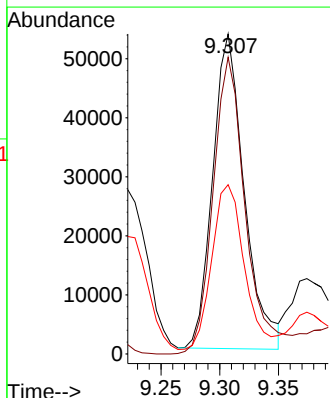
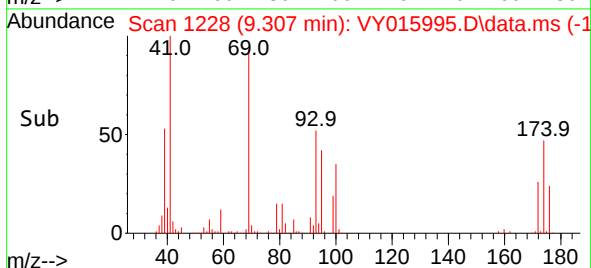
Reviewed By :John Carlone 10/18/2023
Supervised By :Semsettin Yesilyurt 10/20/2023

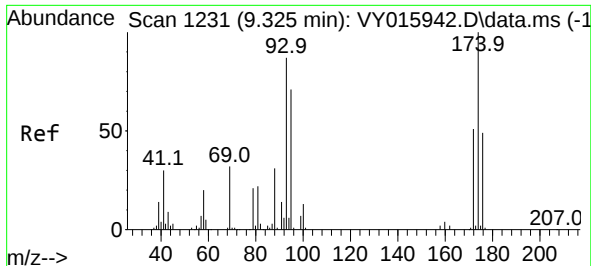


#48
Methyl methacrylate
Concen: 44.583 ug/l
RT: 9.307 min Scan# 1228
Delta R.T. 0.012 min
Lab File: VY015995.D
Acq: 17 Oct 2023 09:21



Tgt Ion: 41 Resp: 99688
Ion Ratio Lower Upper
41 100
69 97.5 64.5 96.7#
39 53.8 50.8 76.2





#49

1,4-Dioxane

Concen: 1185.696 ug/l m

RT: 9.405 min Scan# 1

Delta R.T. 0.079 min

Lab File: VY015995.D

Acq: 17 Oct 2023 09:21

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

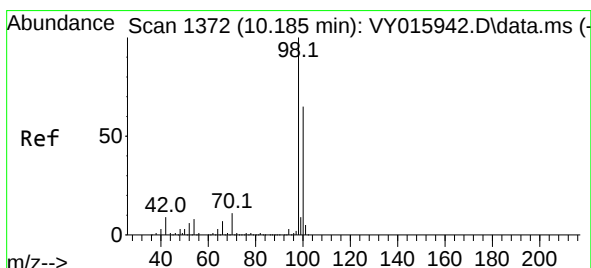
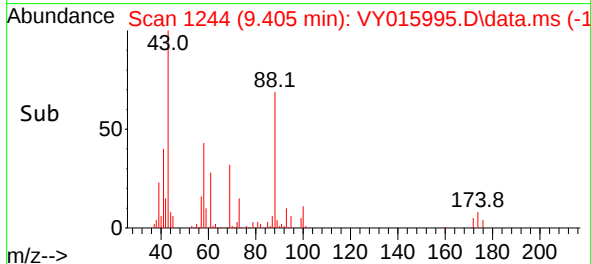
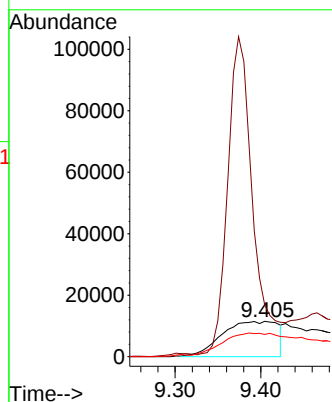
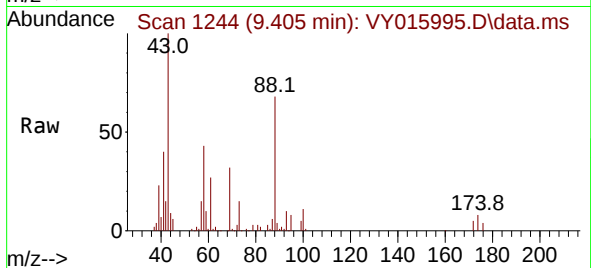
Tgt Ion: 88 Resp: 52400
 Ion Ratio Lower Upper
 88 100
 43 410.9 0.0 0.0
 58 120.1 30.9 46.3

Manual Integrations

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Reviewed By :John Carlone 10/18/2023

Supervised By :Semsettin Yesilyurt 10/20/2023



#50

Toluene-d8

Concen: 52.666 ug/l

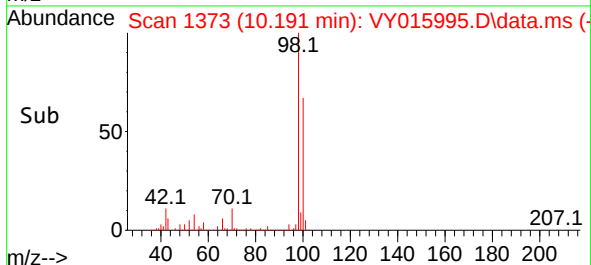
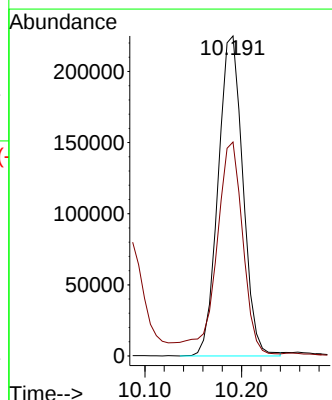
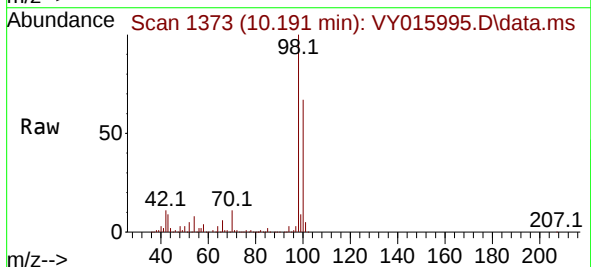
RT: 10.191 min Scan# 1373

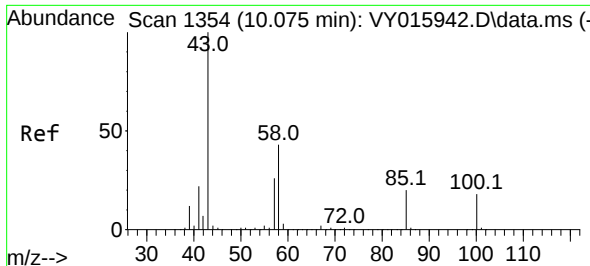
Delta R.T. 0.006 min

Lab File: VY015995.D

Acq: 17 Oct 2023 09:21

Tgt Ion: 98 Resp: 399193
 Ion Ratio Lower Upper
 98 100
 100 71.8 50.1 75.1





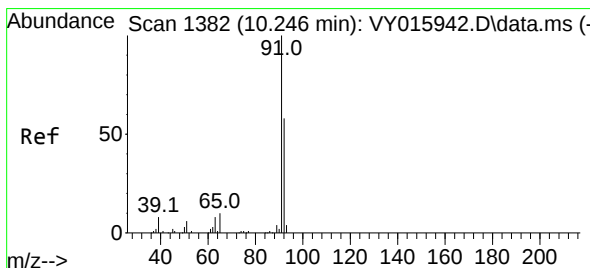
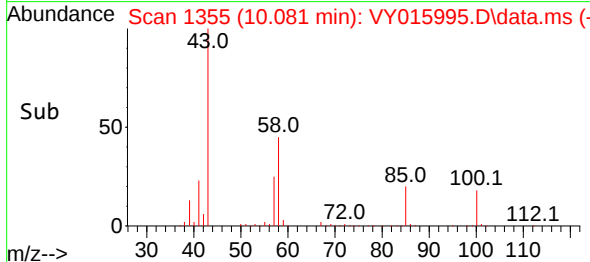
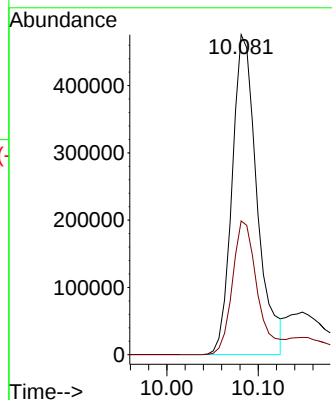
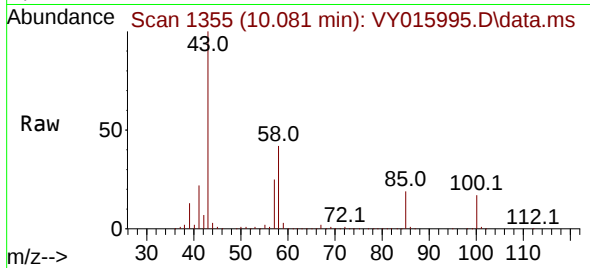
#51
4-Methyl-2-Pentanone
Concen: 241.508 ug/l
RT: 10.081 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY015995.D
Acq: 17 Oct 2023 09:21

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 900994
Ion Ratio Lower Upper
43 100
58 42.7 29.0 43.6

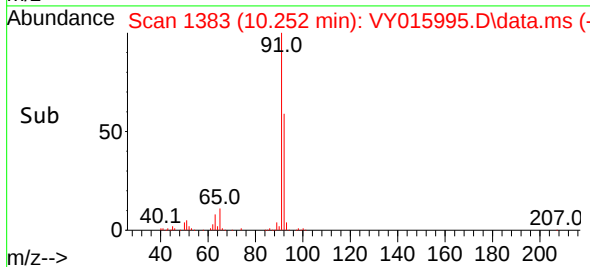
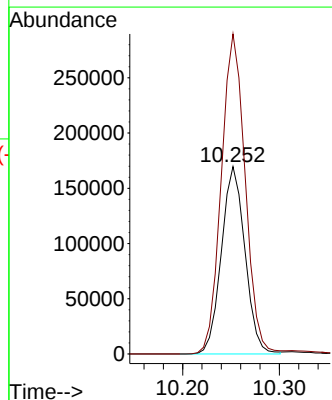
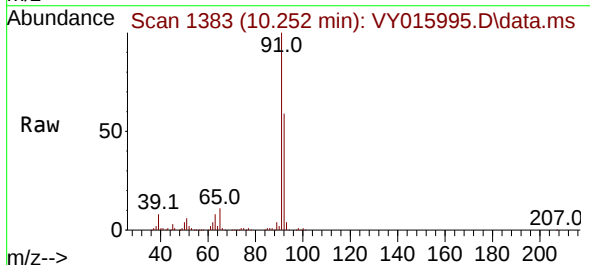
Manual Integrations
APPROVED

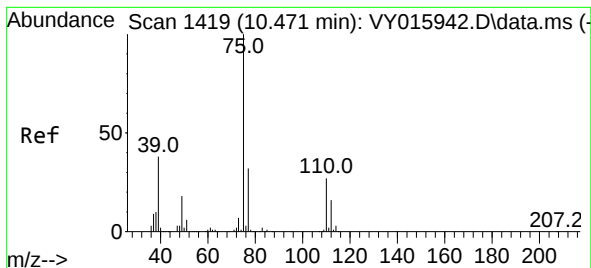
Reviewed By :John Carlone 10/18/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#52
Toluene
Concen: 50.851 ug/l
RT: 10.252 min Scan# 1383
Delta R.T. 0.006 min
Lab File: VY015995.D
Acq: 17 Oct 2023 09:21

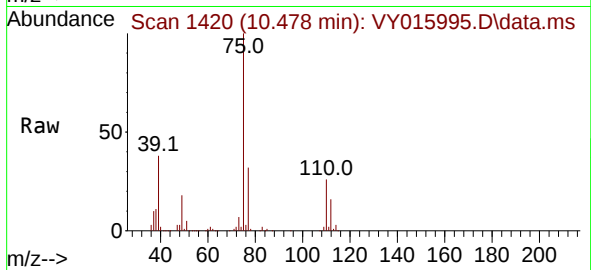
Tgt Ion: 92 Resp: 287281
Ion Ratio Lower Upper
92 100
91 175.4 143.8 215.6





#53
t-1,3-Dichloropropene
Concen: 47.820 ug/l
RT: 10.478 min Scan# 1419
Delta R.T. 0.006 min
Lab File: VY015995.D
Acq: 17 Oct 2023 09:21

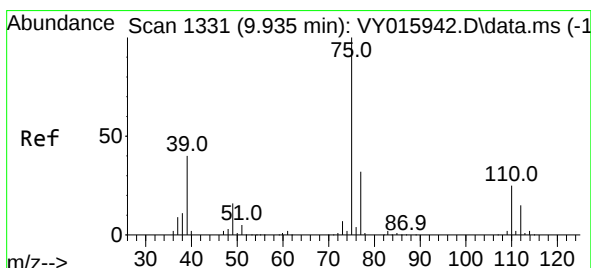
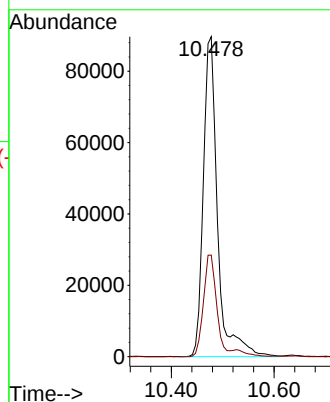
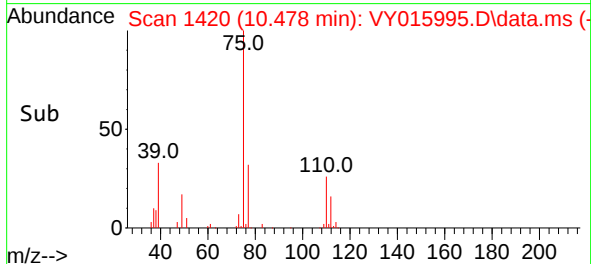
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 171599
Ion Ratio Lower Upper
75 100
77 31.7 25.0 37.4

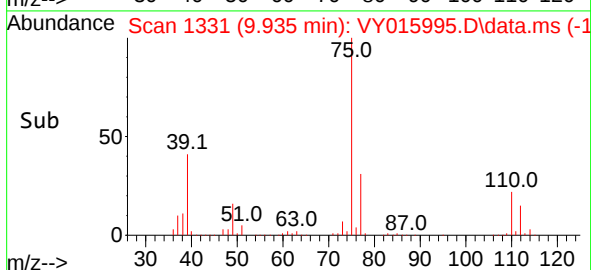
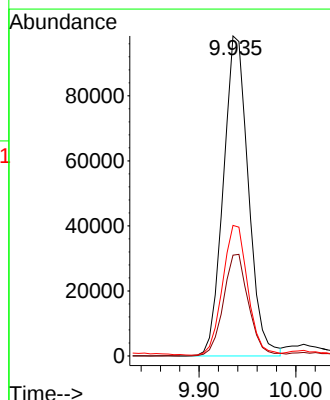
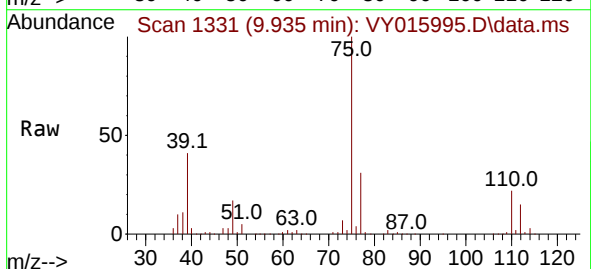
Manual Integrations
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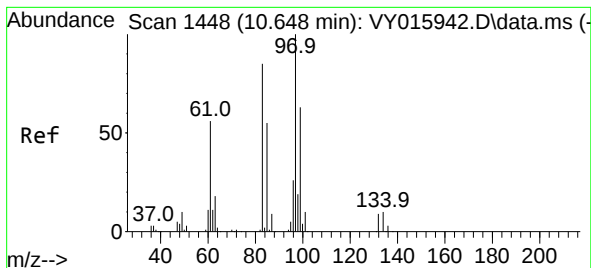
Reviewed By :John Carlone 10/18/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#54
cis-1,3-Dichloropropene
Concen: 45.930 ug/l
RT: 9.935 min Scan# 1331
Delta R.T. 0.000 min
Lab File: VY015995.D
Acq: 17 Oct 2023 09:21

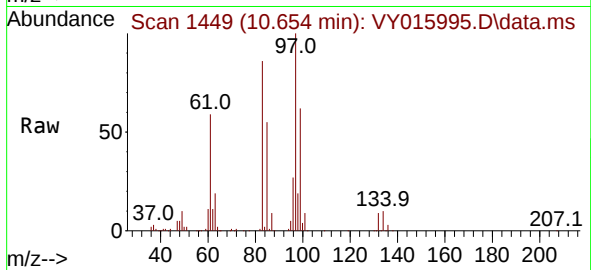
Tgt Ion: 75 Resp: 177169
Ion Ratio Lower Upper
75 100
77 31.5 24.2 36.4
39 40.4 42.2 63.4#





#55
1,1,2-Trichloroethane
Concen: 49.757 ug/l
RT: 10.654 min Scan# 1448
Delta R.T. 0.006 min
Lab File: VY015995.D
Acq: 17 Oct 2023 09:21

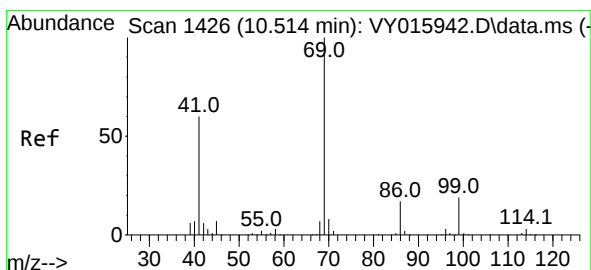
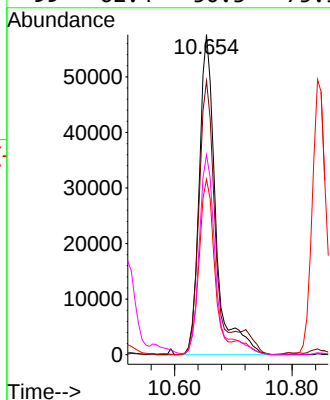
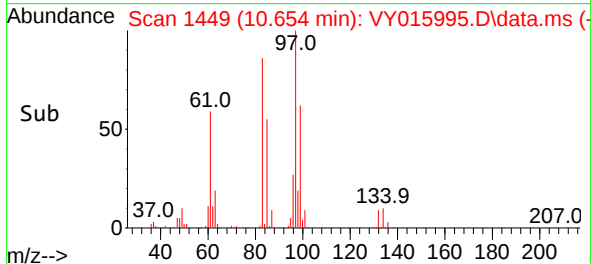
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



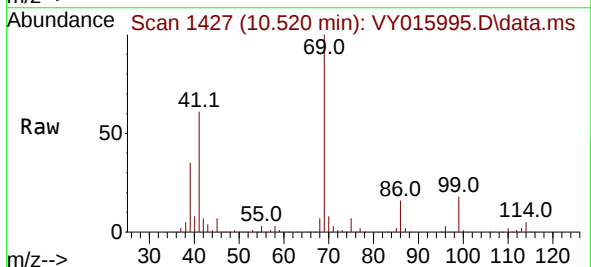
Tgt Ion: 97 Resp: 11227
Ion Ratio Lower Upper
97 100
83 85.6 72.0 108.0
85 54.8 45.4 68.0
99 62.4 50.3 75.5

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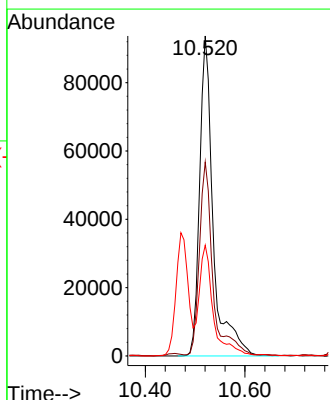
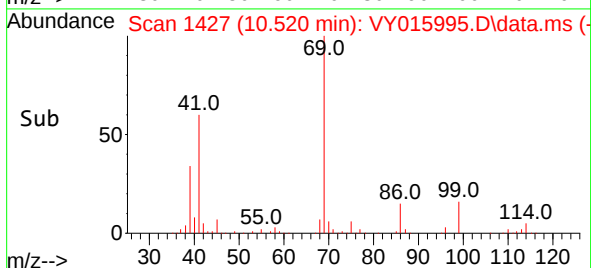
Reviewed By :John Carlone 10/18/2023
Supervised By :Semsettin Yesilyurt 10/20/2023

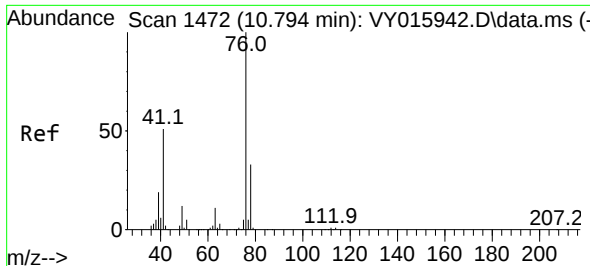


#56
Ethyl methacrylate
Concen: 50.203 ug/l
RT: 10.520 min Scan# 1427
Delta R.T. 0.006 min
Lab File: VY015995.D
Acq: 17 Oct 2023 09:21



Tgt Ion: 69 Resp: 177338
Ion Ratio Lower Upper
69 100
41 59.0 57.6 86.4
39 34.9 34.1 51.1





#57

1,3-Dichloropropane

Concen: 48.903 ug/l

RT: 10.801 min Scan# 1473

Delta R.T. 0.006 min

Lab File: VY015995.D

Acq: 17 Oct 2023 09:21

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 18720

Ion Ratio Lower Upper

76 100

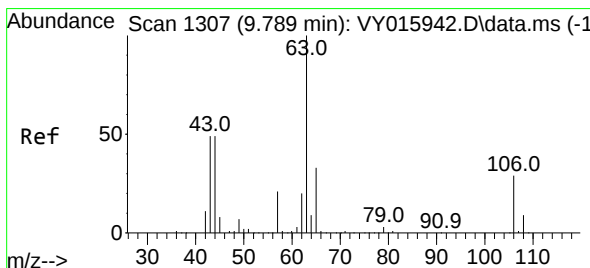
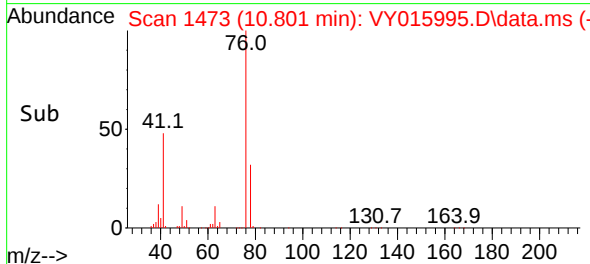
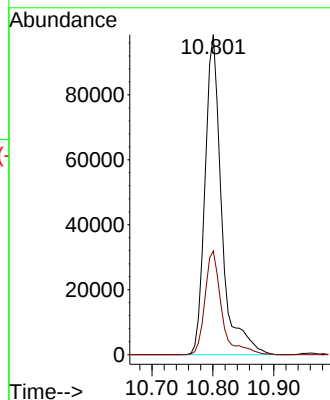
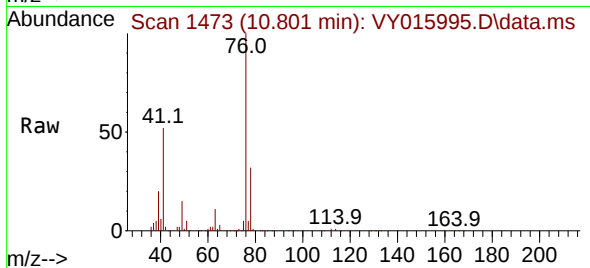
78 32.7 25.3 37.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/18/2023

Supervised By :Semsettin Yesilyurt 10/20/2023



#58

2-Chloroethyl Vinyl ether

Concen: 175.077 ug/l

RT: 9.795 min Scan# 1308

Delta R.T. 0.006 min

Lab File: VY015995.D

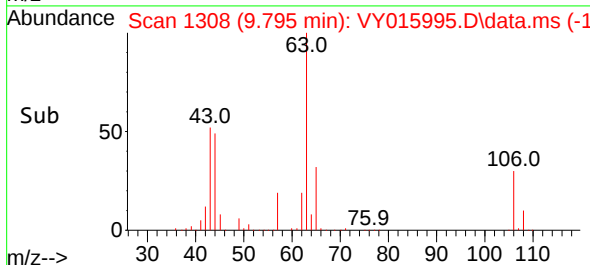
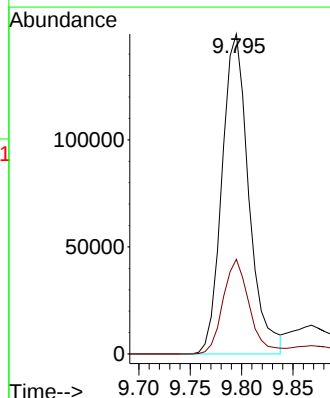
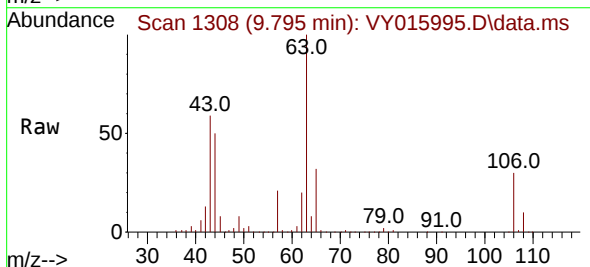
Acq: 17 Oct 2023 09:21

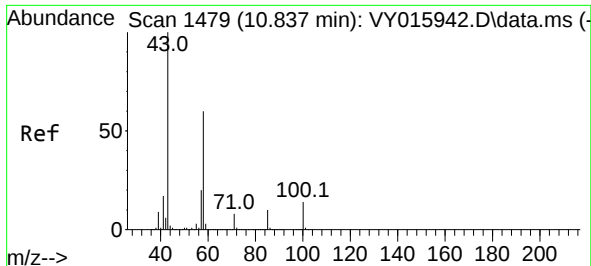
Tgt Ion: 63 Resp: 271387

Ion Ratio Lower Upper

63 100

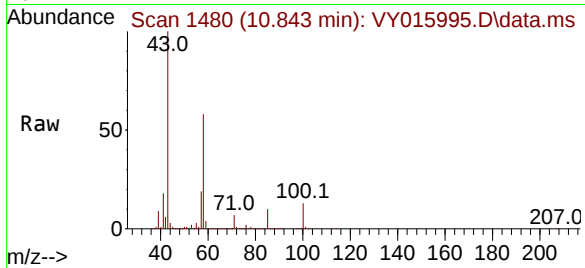
106 29.3 21.2 31.8





#59
2-Hexanone
Concen: 319.908 ug/l
RT: 10.843 min Scan# 1479
Delta R.T. 0.006 min
Lab File: VY015995.D
Acq: 17 Oct 2023 09:21

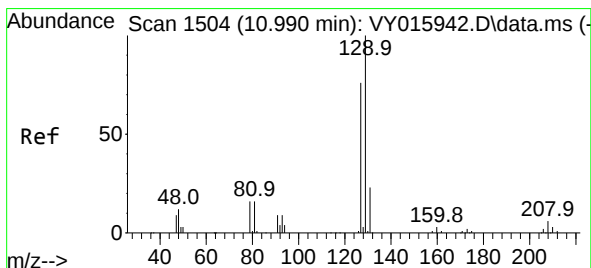
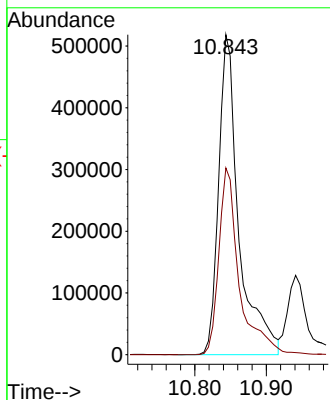
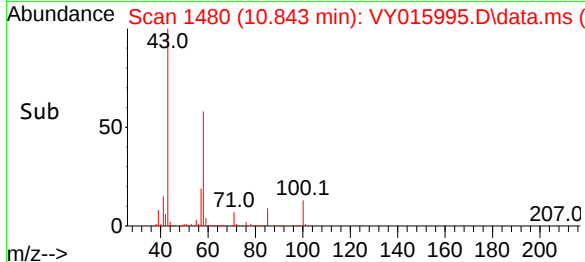
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



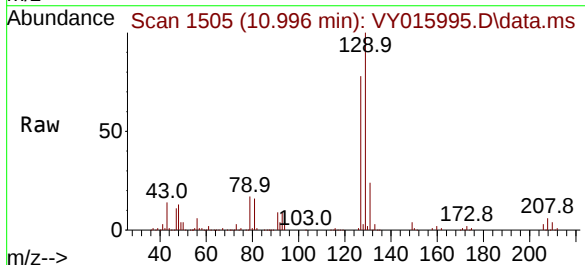
Tgt Ion: 43 Resp: 1018769
Ion Ratio Lower Upper
43 100
58 59.3 25.1 75.3

Manual Integrations
APPROVED

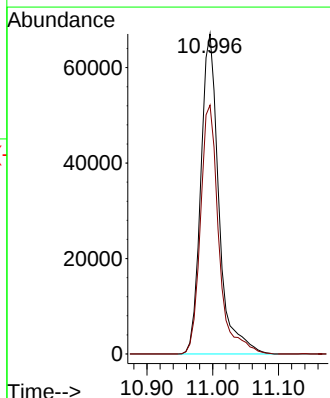
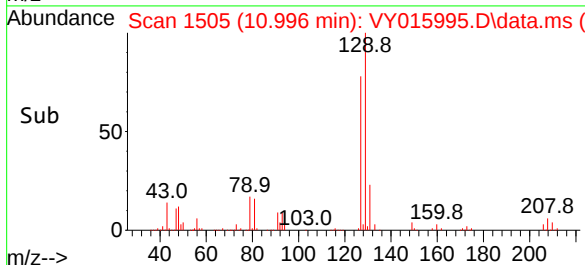
Reviewed By :John Carlone 10/18/2023
Supervised By :Semsettin Yesilyurt 10/20/2023

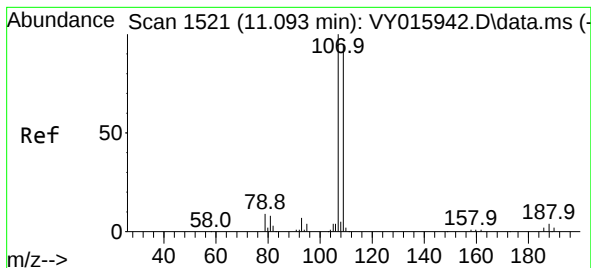


#60
Dibromochloromethane
Concen: 49.972 ug/l
RT: 10.996 min Scan# 1505
Delta R.T. 0.006 min
Lab File: VY015995.D
Acq: 17 Oct 2023 09:21



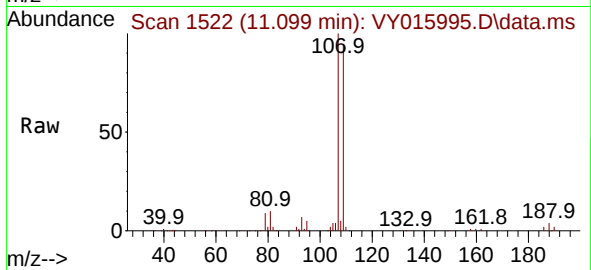
Tgt Ion:129 Resp: 128229
Ion Ratio Lower Upper
129 100
127 78.7 38.5 115.5





#61
1,2-Dibromoethane
Concen: 49.507 ug/l
RT: 11.099 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY015995.D
Acq: 17 Oct 2023 09:21

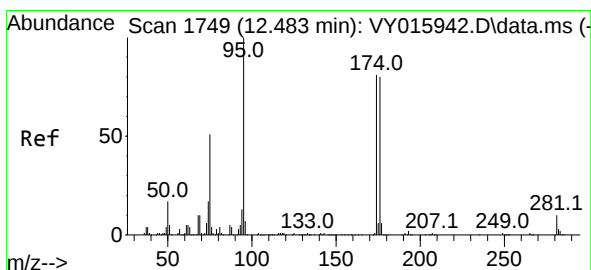
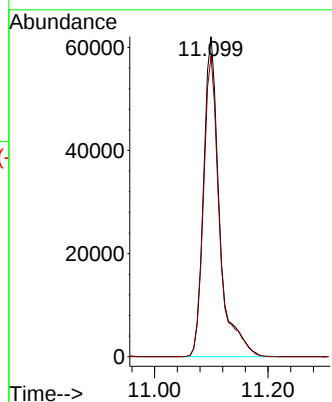
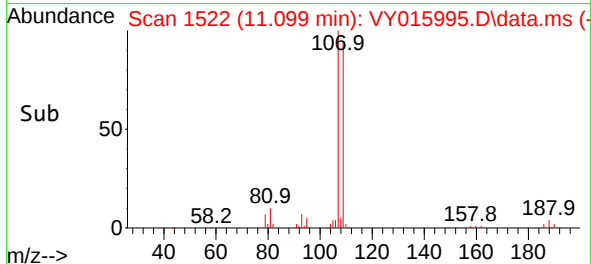
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion:107 Resp: 120874
Ion Ratio Lower Upper
107 100
109 94.8 75.6 113.4

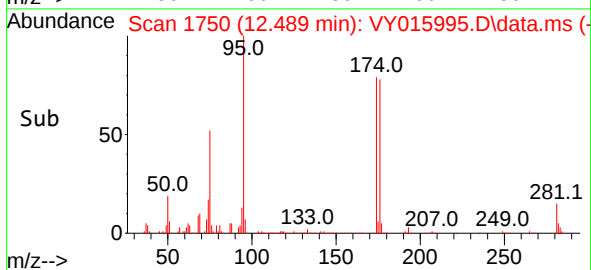
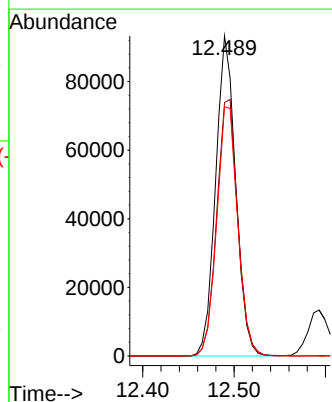
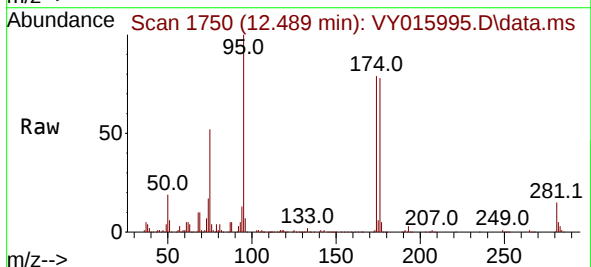
Manual Integrations
APPROVED

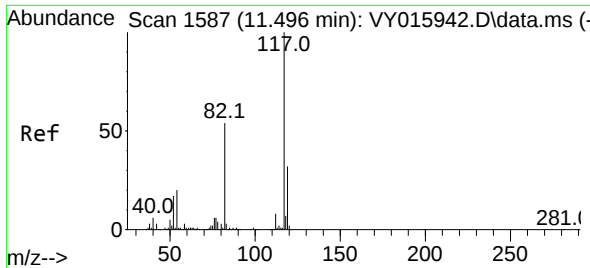
Reviewed By :John Carlone 10/18/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#62
4-Bromofluorobenzene
Concen: 52.649 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VY015995.D
Acq: 17 Oct 2023 09:21

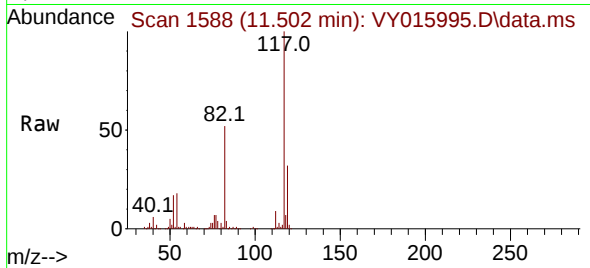
Tgt Ion: 95 Resp: 142100
Ion Ratio Lower Upper
95 100
174 84.6 0.0 178.2
176 81.5 0.0 173.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 1158
Delta R.T. 0.006 min
Lab File: VY015995.D
Acq: 17 Oct 2023 09:21

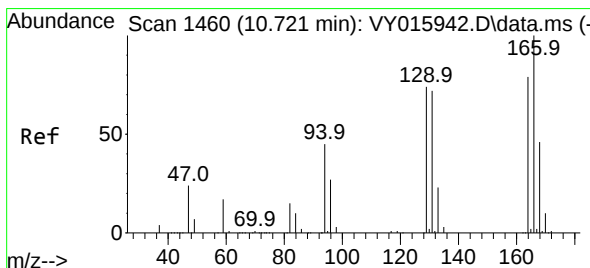
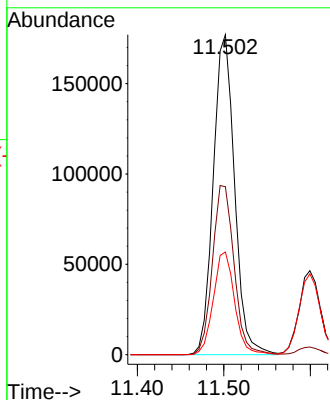
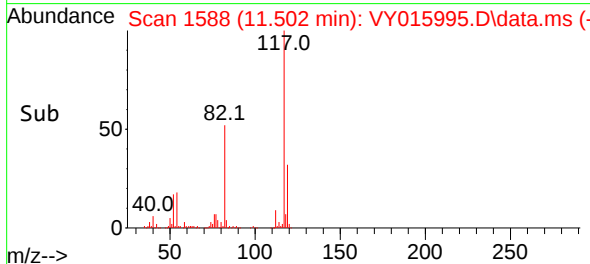
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



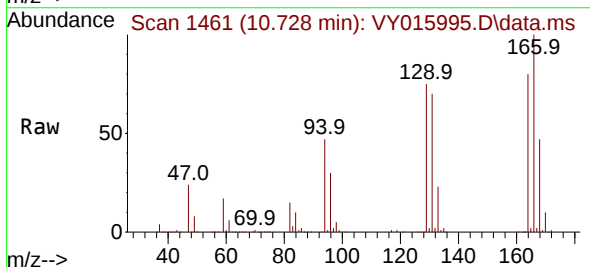
Tgt Ion:117 Resp: 30226
Ion Ratio Lower Upper
117 100
82 52.5 43.4 65.0
119 32.1 26.3 39.5

Manual Integrations
APPROVED

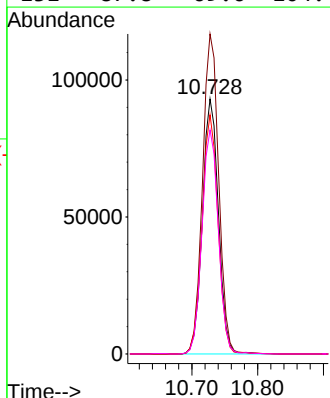
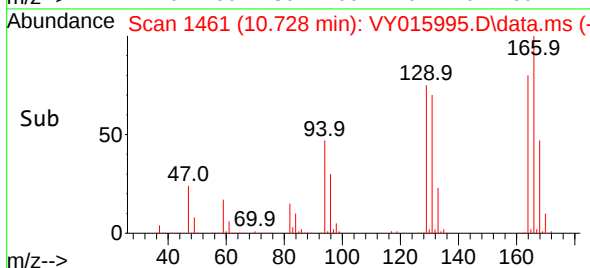
Reviewed By :John Carlone 10/18/2023
Supervised By :Semsettin Yesilyurt 10/20/2023

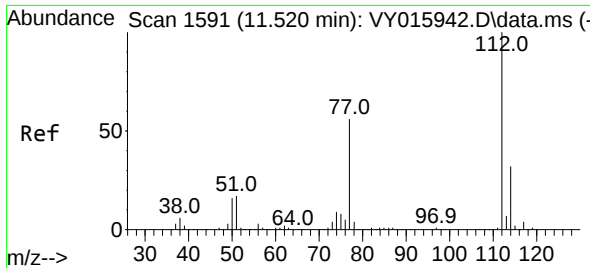


#64
Tetrachloroethene
Concen: 59.766 ug/l
RT: 10.728 min Scan# 1461
Delta R.T. 0.006 min
Lab File: VY015995.D
Acq: 17 Oct 2023 09:21



Tgt Ion:164 Resp: 157478
Ion Ratio Lower Upper
164 100
166 125.4 103.0 154.6
129 93.8 77.2 115.8
131 87.8 69.6 104.4





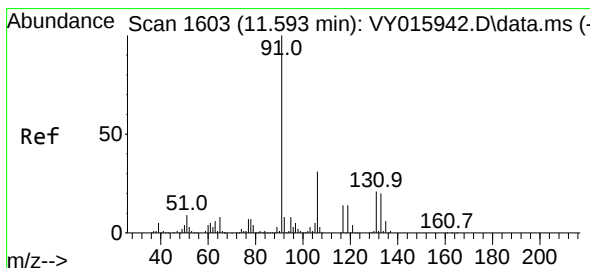
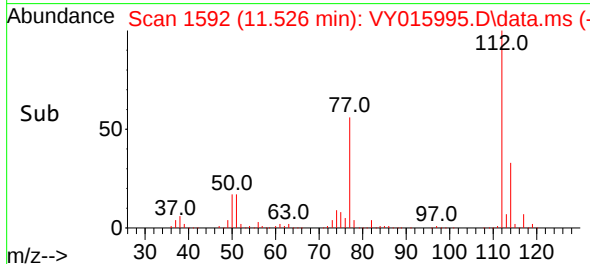
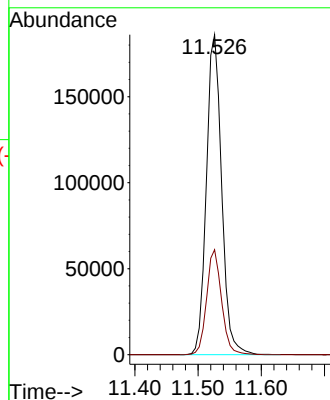
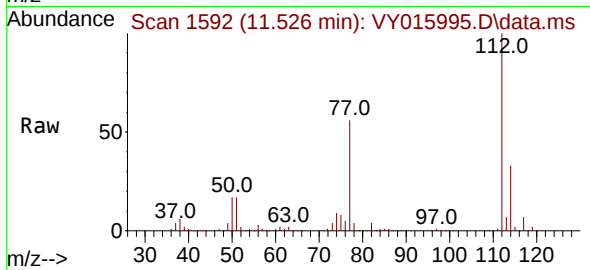
#65
Chlorobenzene
Concen: 49.319 ug/l
RT: 11.526 min Scan# 111
Delta R.T. 0.006 min
Lab File: VY015995.D
Acq: 17 Oct 2023 09:21

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:112 Resp: 312340
Ion Ratio Lower Upper
112 100
114 32.8 25.5 38.3

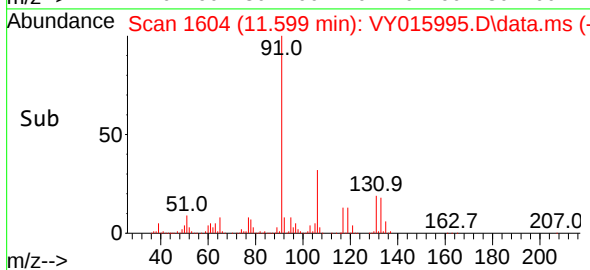
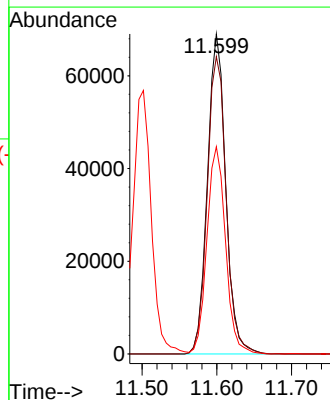
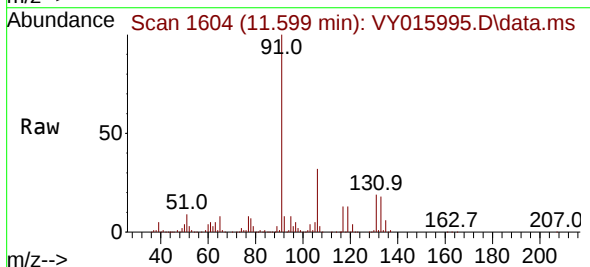
Manual Integrations
APPROVED

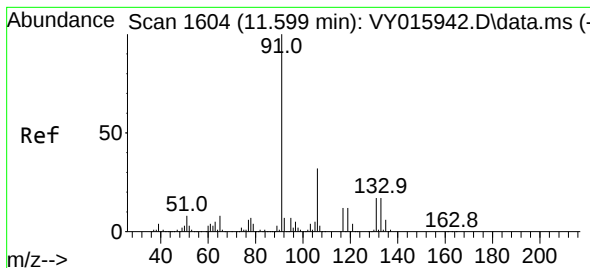
Reviewed By :John Carlone 10/18/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 50.194 ug/l
RT: 11.599 min Scan# 1604
Delta R.T. 0.006 min
Lab File: VY015995.D
Acq: 17 Oct 2023 09:21

Tgt Ion:131 Resp: 117674
Ion Ratio Lower Upper
131 100
133 96.0 47.5 142.6
119 65.8 31.6 94.7





#67

Ethyl Benzene

Concen: 51.685 ug/l

RT: 11.599 min Scan# 1604

Delta R.T. 0.000 min

Lab File: VY015995.D

Acq: 17 Oct 2023 09:21

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 57234

Ion Ratio Lower Upper

91 100

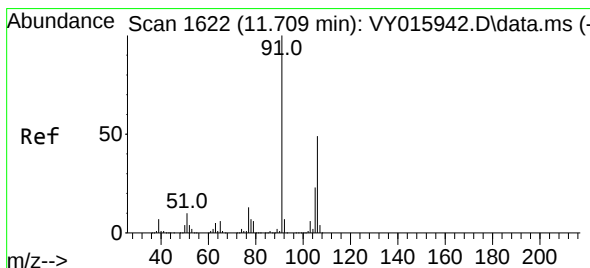
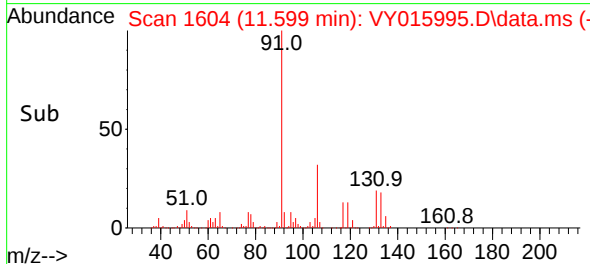
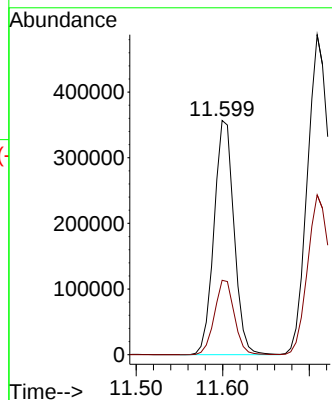
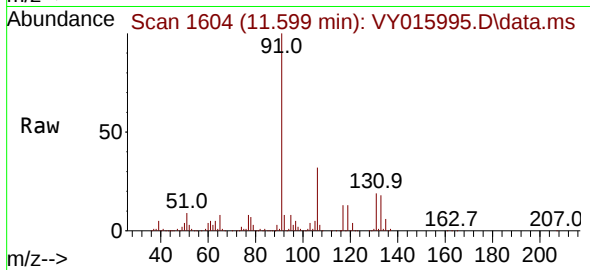
106 31.8 24.6 36.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/18/2023

Supervised By :Semsettin Yesilyurt 10/20/2023



#68

m/p-Xylenes

Concen: 102.743 ug/l

RT: 11.709 min Scan# 1622

Delta R.T. 0.000 min

Lab File: VY015995.D

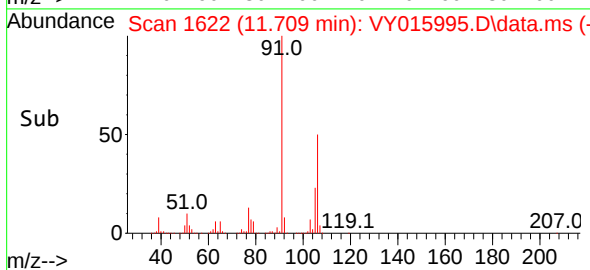
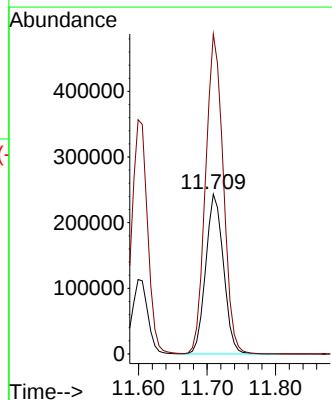
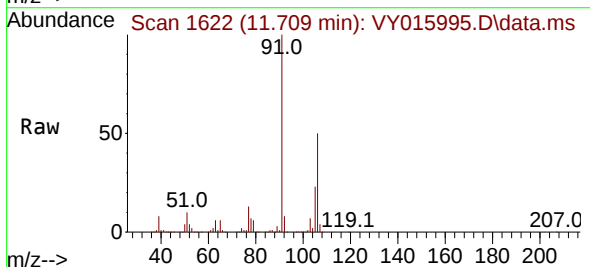
Acq: 17 Oct 2023 09:21

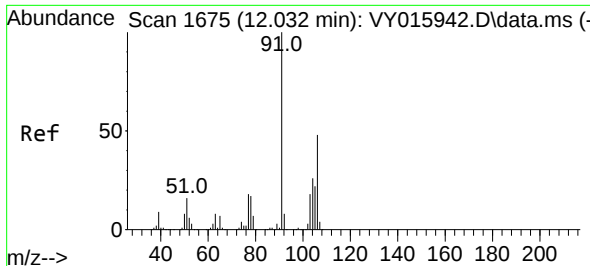
Tgt Ion:106 Resp: 439084

Ion Ratio Lower Upper

106 100

91 199.6 166.1 249.1





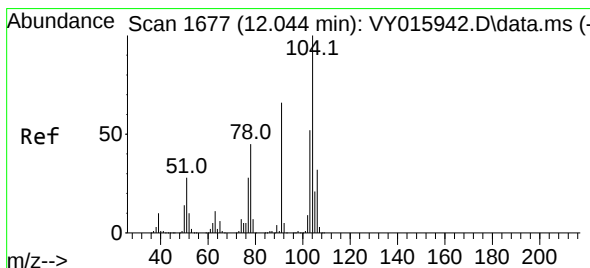
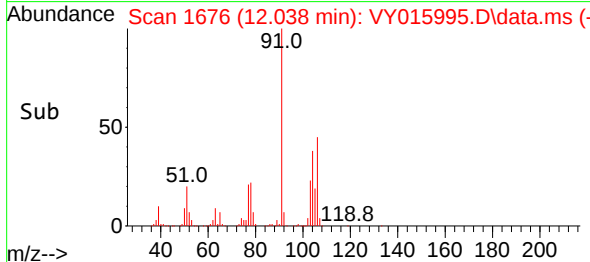
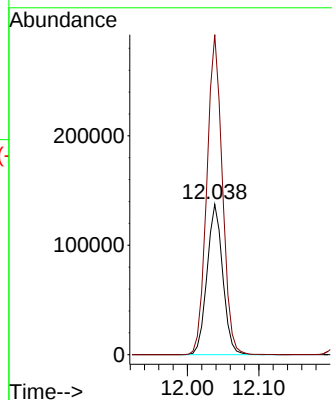
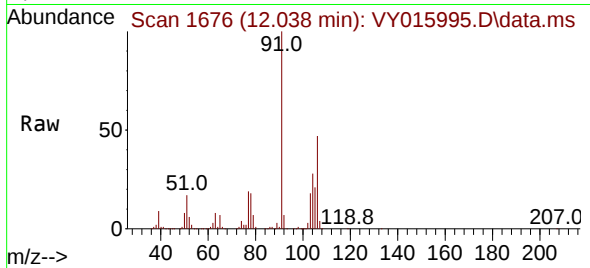
#69
o-Xylene
Concen: 51.262 ug/l
RT: 12.038 min Scan# 1675
Delta R.T. 0.006 min
Lab File: VY015995.D
Acq: 17 Oct 2023 09:21

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 209440
Ion Ratio Lower Upper
106 100
91 210.9 108.1 324.3

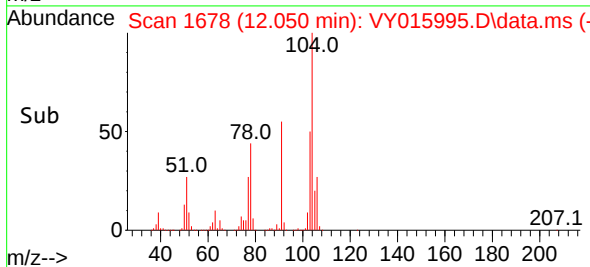
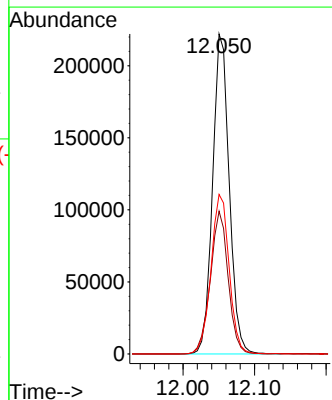
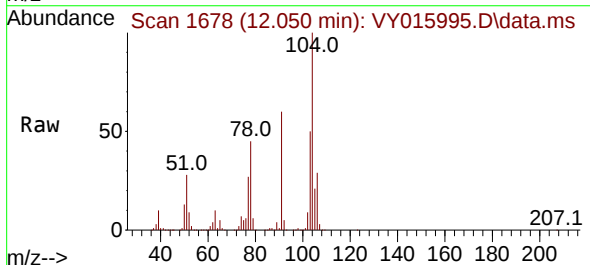
Manual Integrations
APPROVED

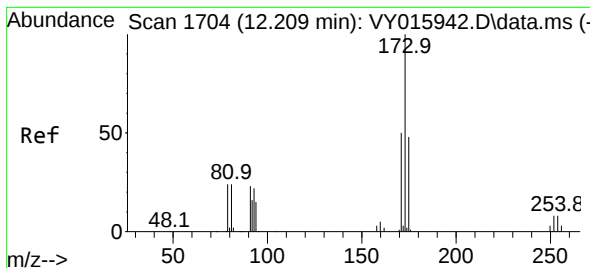
Reviewed By :John Carlone 10/18/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#70
Styrene
Concen: 51.533 ug/l
RT: 12.050 min Scan# 1678
Delta R.T. 0.006 min
Lab File: VY015995.D
Acq: 17 Oct 2023 09:21

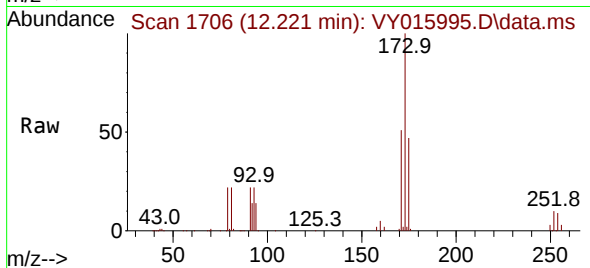
Tgt Ion:104 Resp: 358337
Ion Ratio Lower Upper
104 100
78 47.8 41.5 62.3
103 54.6 44.6 67.0





#71
Bromoform
Concen: 50.842 ug/l
RT: 12.221 min Scan# 1704
Delta R.T. 0.012 min
Lab File: VY015995.D
Acq: 17 Oct 2023 09:21

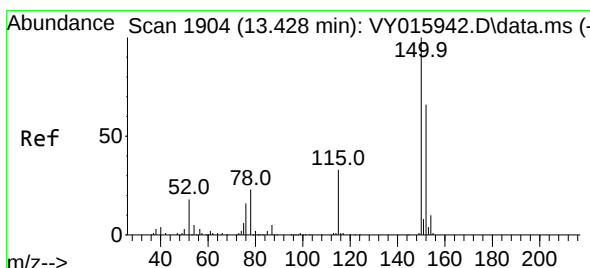
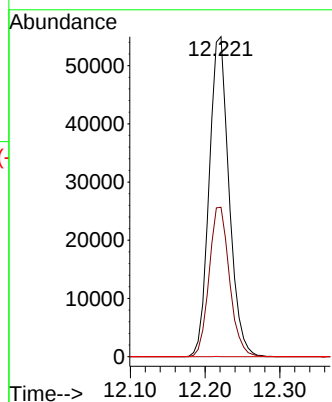
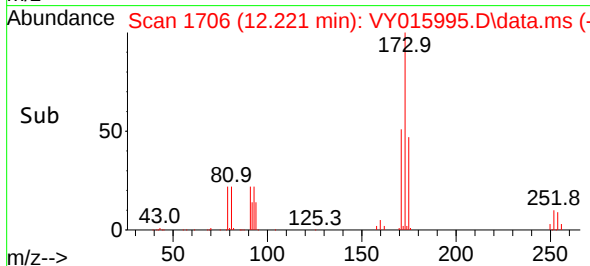
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



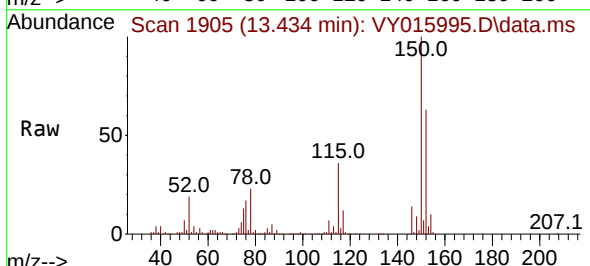
Tgt Ion:173 Resp: 101504
Ion Ratio Lower Upper
173 100
175 47.9 24.6 73.8
254 0.0 0.2 0.2

Manual Integrations
APPROVED

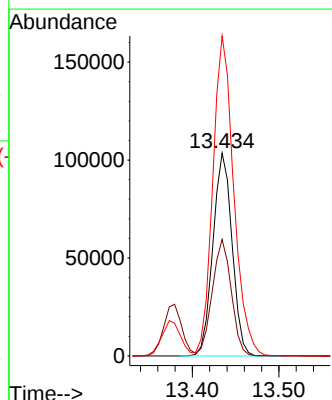
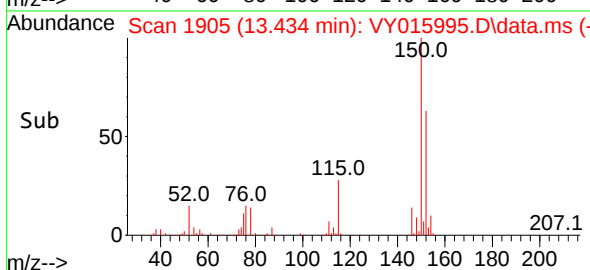
Reviewed By :John Carlone 10/18/2023
Supervised By :Semsettin Yesilyurt 10/20/2023

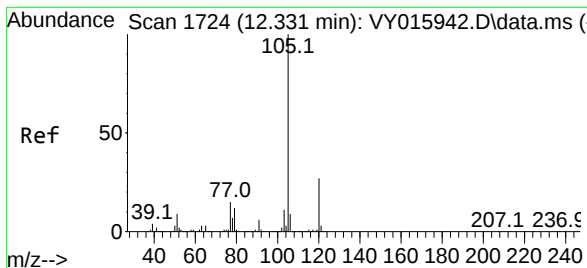


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.434 min Scan# 1905
Delta R.T. 0.006 min
Lab File: VY015995.D
Acq: 17 Oct 2023 09:21



Tgt Ion:152 Resp: 158886
Ion Ratio Lower Upper
152 100
115 56.9 28.8 86.5
150 173.0 0.0 348.8





#73

Isopropylbenzene

Concen: 49.314 ug/l

RT: 12.337 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY015995.D

Acq: 17 Oct 2023 09:21

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion:105 Resp: 55466

Ion Ratio Lower Upper

105 100

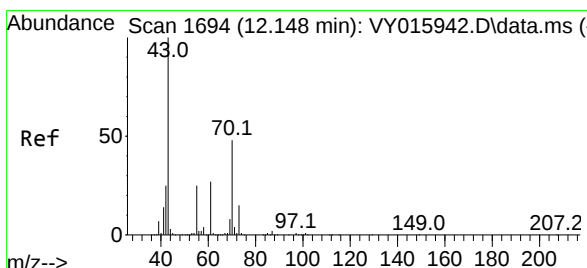
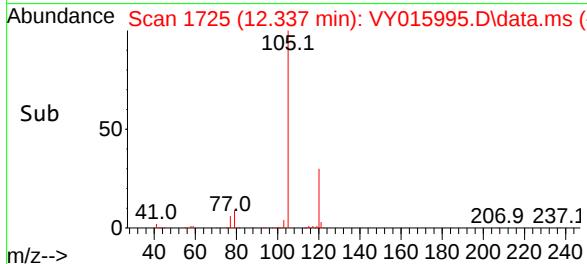
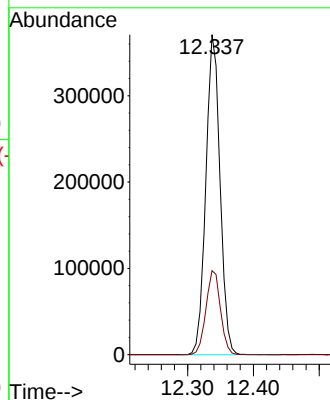
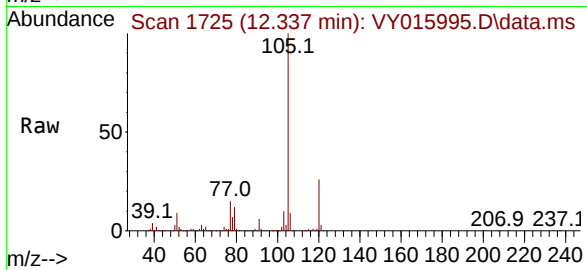
120 26.9 13.3 39.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/18/2023

Supervised By :Semsettin Yesilyurt 10/20/2023



#74

N-ethyl acetate

Concen: 47.916 ug/l

RT: 12.154 min Scan# 1695

Delta R.T. 0.006 min

Lab File: VY015995.D

Acq: 17 Oct 2023 09:21

Tgt Ion: 43 Resp: 217732

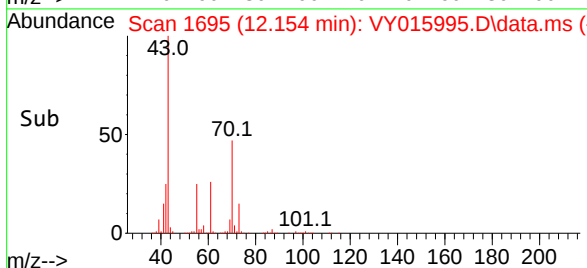
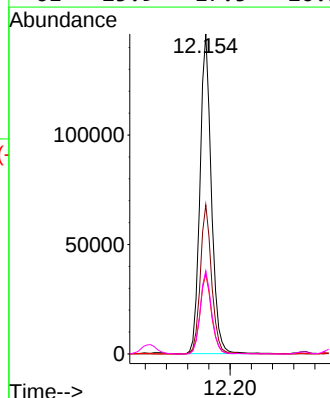
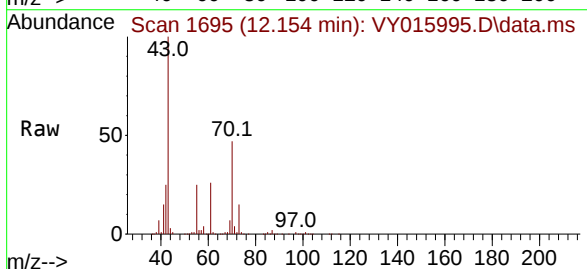
Ion Ratio Lower Upper

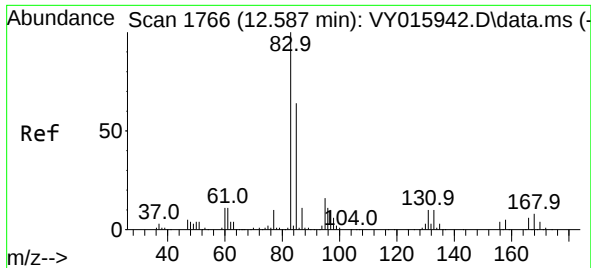
43 100

70 46.4 29.7 44.5

55 25.5 18.3 27.5

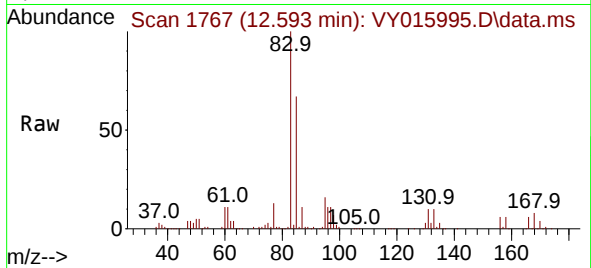
61 25.9 17.5 26.3





#75
1,1,2,2-Tetrachloroethane
Concen: 40.491 ug/l m
RT: 12.593 min Scan# 1766
Delta R.T. 0.006 min
Lab File: VY015995.D
Acq: 17 Oct 2023 09:21

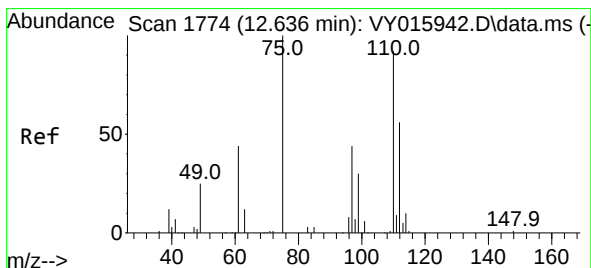
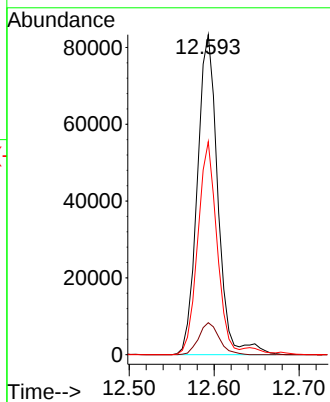
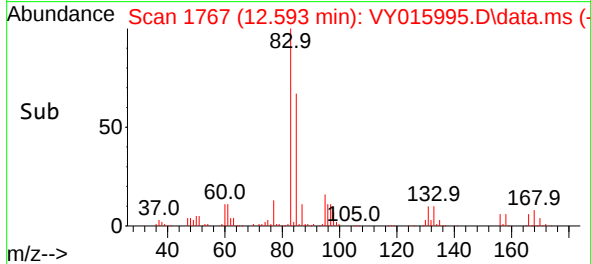
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 139888
Ion Ratio Lower Upper
83 100
131 9.9 5.4 16.2
85 62.1 31.8 95.4

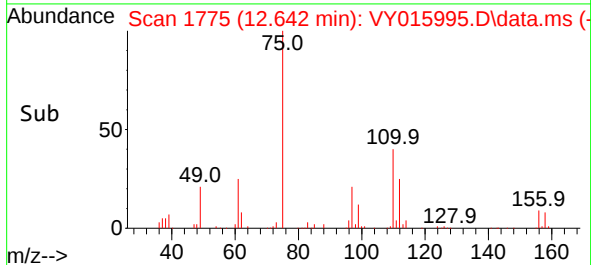
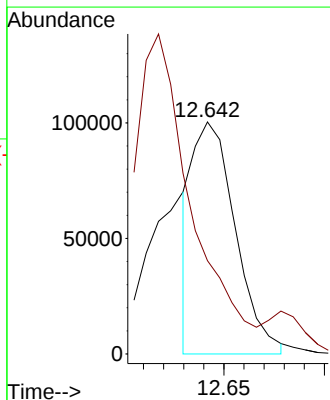
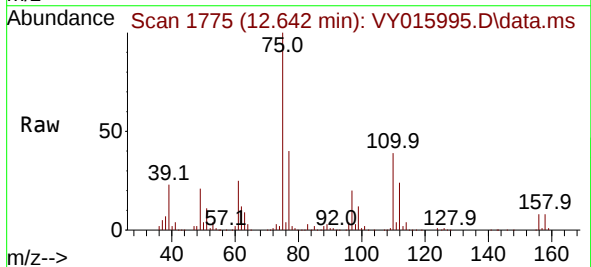
Manual Integrations
APPROVED

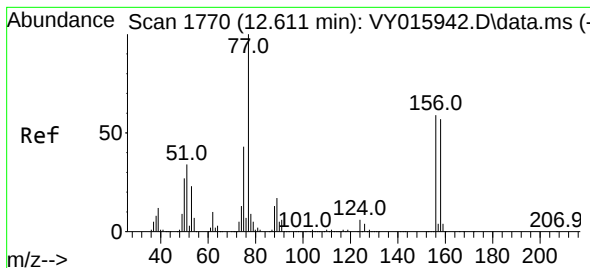
Reviewed By :John Carlone 10/18/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#76
1,2,3-Trichloropropane
Concen: 47.860 ug/l m
RT: 12.642 min Scan# 1775
Delta R.T. 0.006 min
Lab File: VY015995.D
Acq: 17 Oct 2023 09:21

Tgt Ion: 75 Resp: 148816
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 47.590 ug/l

RT: 12.617 min Scan# 1770

Delta R.T. 0.006 min

Lab File: VY015995.D

Acq: 17 Oct 2023 09:21

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion:156 Resp: 134378

Ion Ratio Lower Upper

156 100

77 208.2 92.8 278.6

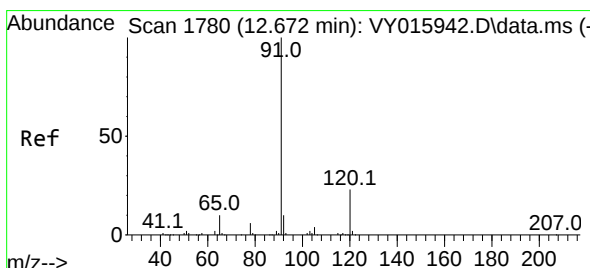
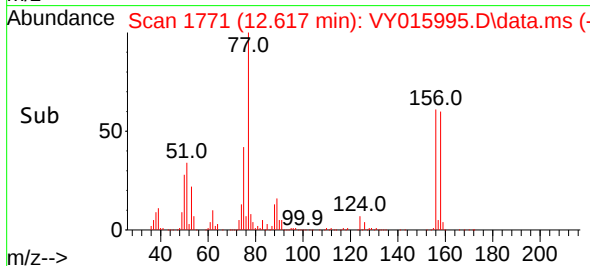
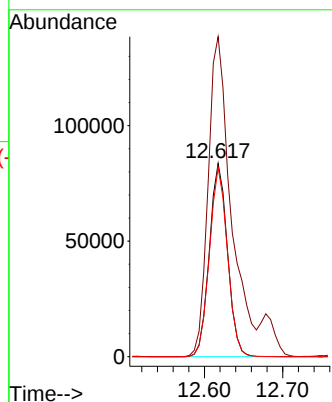
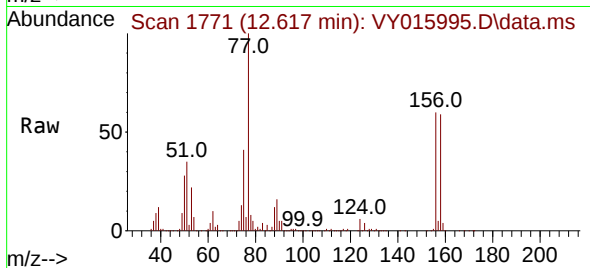
158 97.3 48.4 145.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/18/2023

Supervised By :Semsettin Yesilyurt 10/20/2023



#78

n-propylbenzene

Concen: 49.684 ug/l

RT: 12.678 min Scan# 1781

Delta R.T. 0.006 min

Lab File: VY015995.D

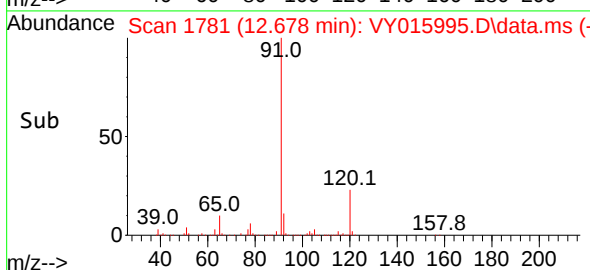
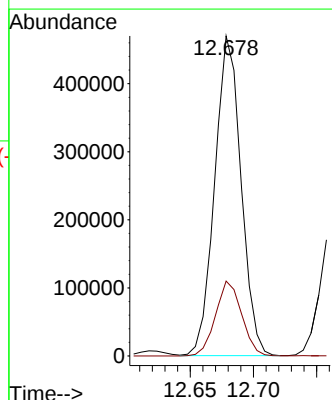
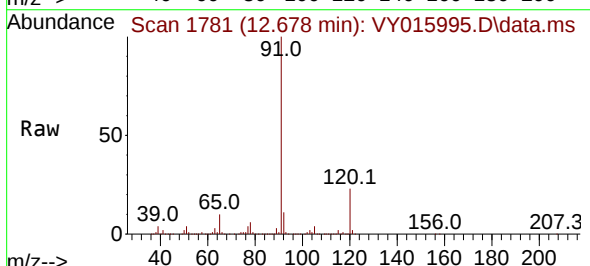
Acq: 17 Oct 2023 09:21

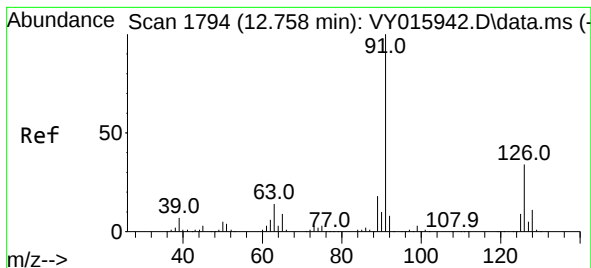
Tgt Ion: 91 Resp: 679560

Ion Ratio Lower Upper

91 100

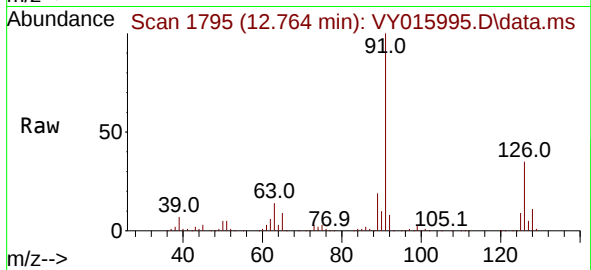
120 23.2 11.5 34.4





#79
2-Chlorotoluene
Concen: 48.705 ug/l
RT: 12.764 min Scan# 1794
Delta R.T. 0.006 min
Lab File: VY015995.D
Acq: 17 Oct 2023 09:21

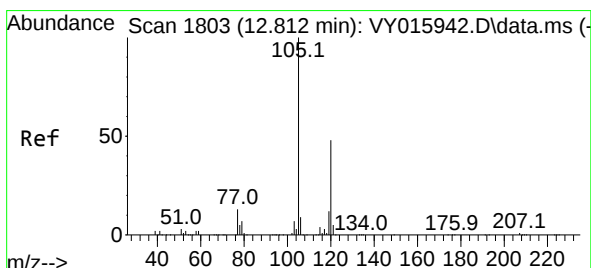
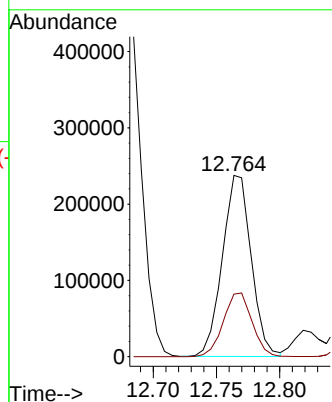
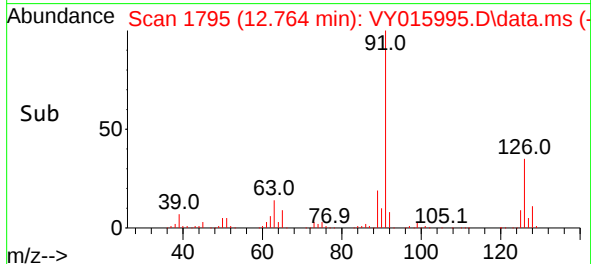
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



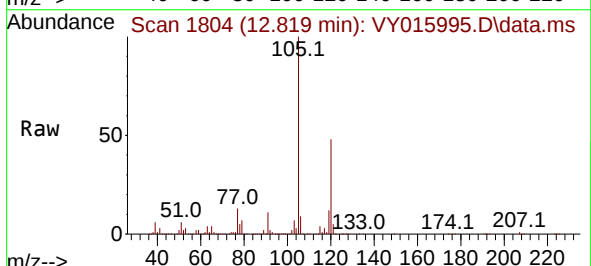
Tgt Ion: 91 Resp: 376793
Ion Ratio Lower Upper
91 100
126 35.1 17.3 51.7

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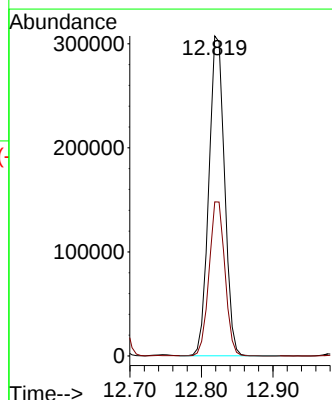
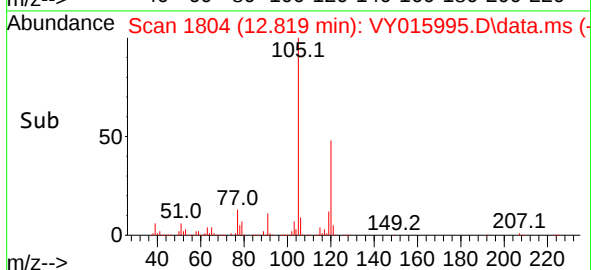
Reviewed By :John Carlone 10/18/2023
Supervised By :Semsettin Yesilyurt 10/20/2023

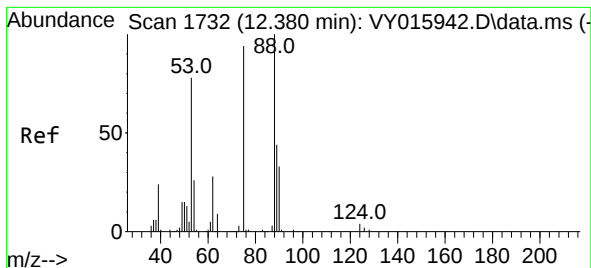


#80
1,3,5-Trimethylbenzene
Concen: 50.123 ug/l
RT: 12.819 min Scan# 1804
Delta R.T. 0.006 min
Lab File: VY015995.D
Acq: 17 Oct 2023 09:21



Tgt Ion:105 Resp: 468375
Ion Ratio Lower Upper
105 100
120 48.6 23.9 71.7





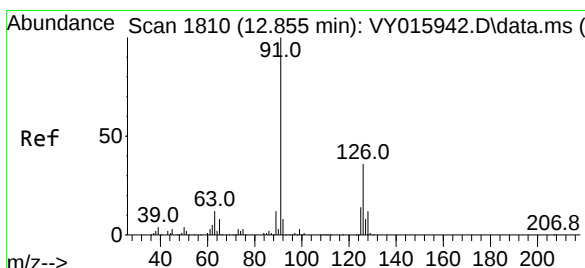
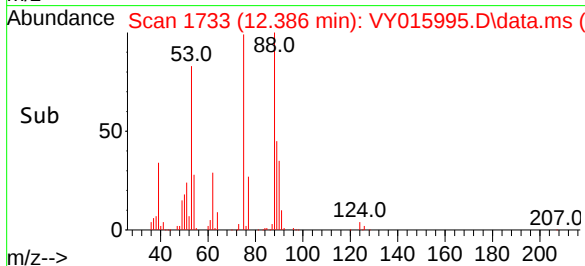
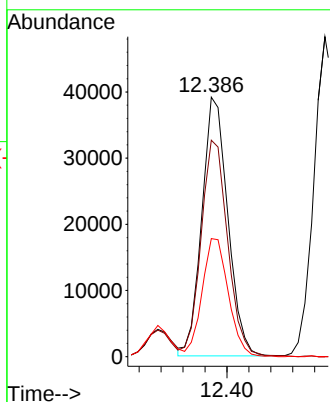
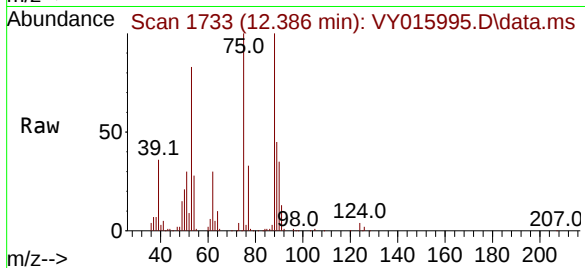
#81
trans-1,4-Dichloro-2-butene
Concen: 48.700 ug/l
RT: 12.386 min Scan# 1732
Delta R.T. 0.006 min
Lab File: VY015995.D
Acq: 17 Oct 2023 09:21

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 6428
Ion Ratio Lower Upper
75 100
53 86.2 77.8 116.8
89 46.1 37.4 56.0

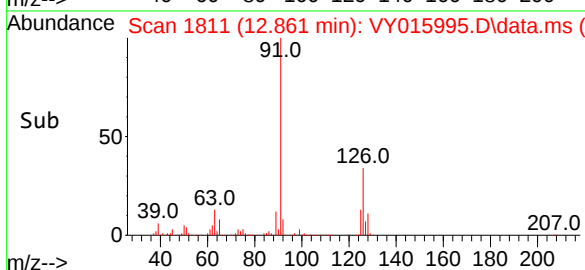
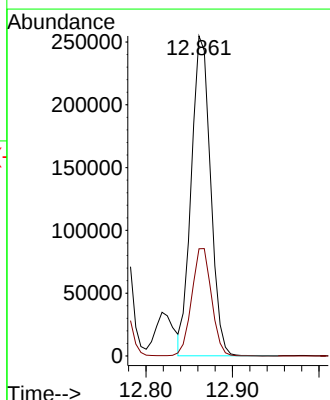
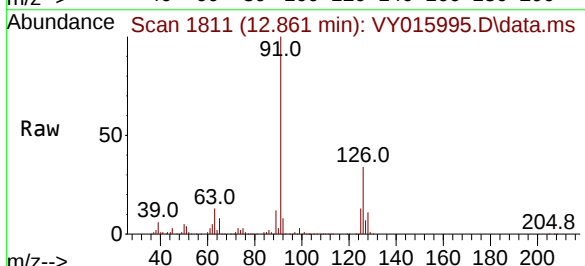
Manual Integrations
APPROVED

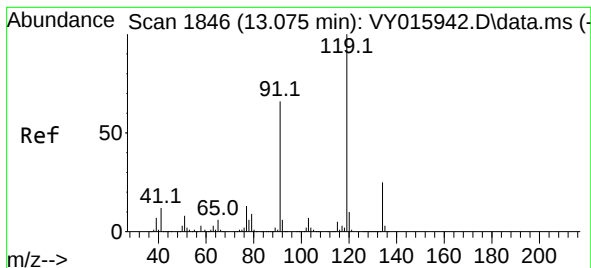
Reviewed By :John Carlone 10/18/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#82
4-Chlorotoluene
Concen: 49.326 ug/l
RT: 12.861 min Scan# 1811
Delta R.T. 0.006 min
Lab File: VY015995.D
Acq: 17 Oct 2023 09:21

Tgt Ion: 91 Resp: 392194
Ion Ratio Lower Upper
91 100
126 34.7 17.2 51.6





#83

tert-Butylbenzene

Concen: 49.215 ug/l

RT: 13.081 min Scan# 1847

Delta R.T. 0.006 min

Lab File: VY015995.D

Acq: 17 Oct 2023 09:21

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion:119 Resp: 404114

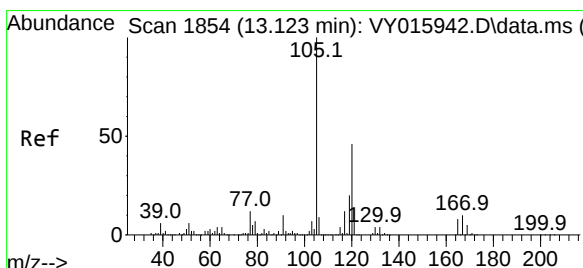
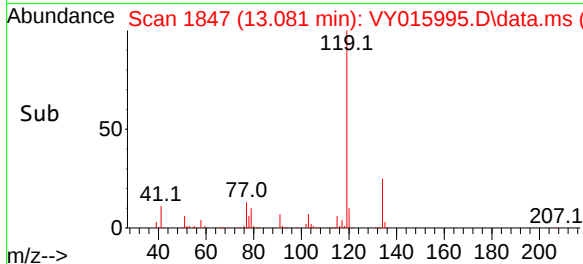
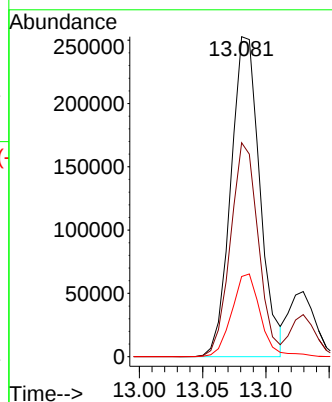
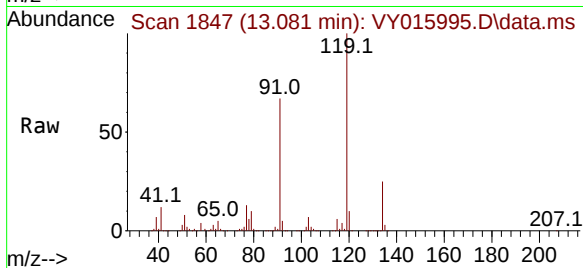
Ion	Ratio	Lower	Upper
119	100		
91	64.2	32.9	98.6
134	25.7	13.0	38.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/18/2023

Supervised By :Semsettin Yesilyurt 10/20/2023



#84

1,2,4-Trimethylbenzene

Concen: 49.706 ug/l

RT: 13.130 min Scan# 1855

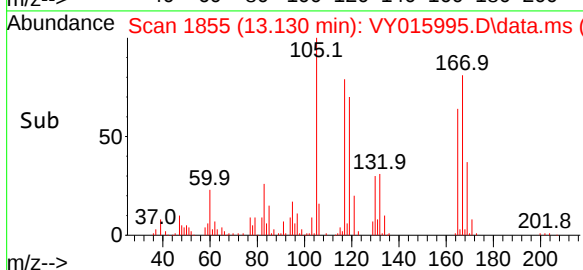
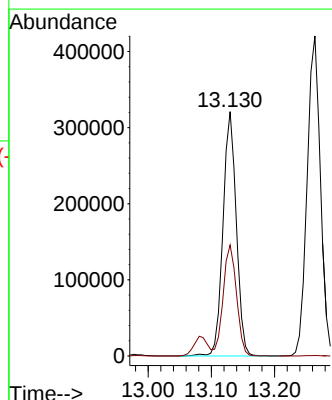
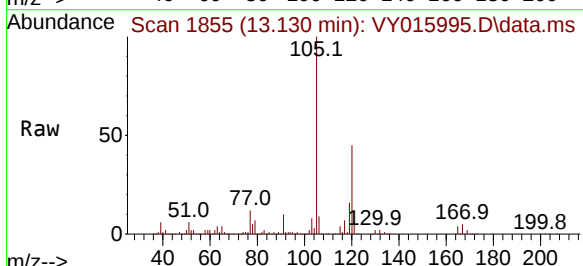
Delta R.T. 0.006 min

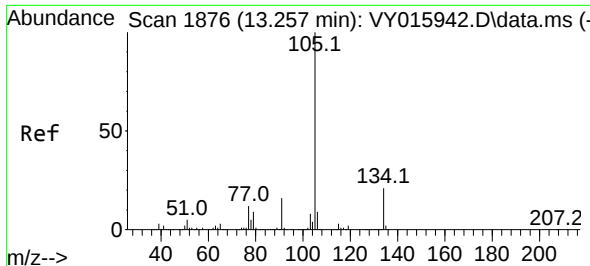
Lab File: VY015995.D

Acq: 17 Oct 2023 09:21

Tgt Ion:105 Resp: 466248

Ion	Ratio	Lower	Upper
105	100		
120	45.7	22.2	66.6





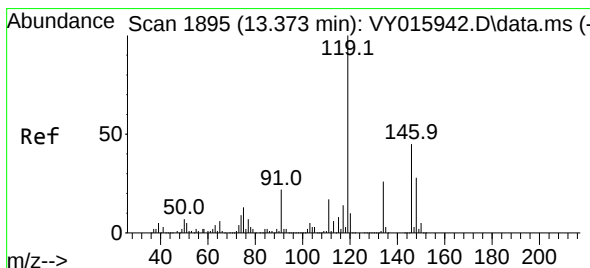
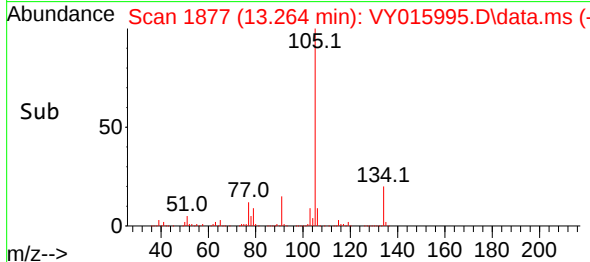
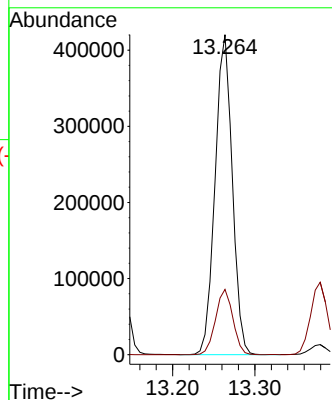
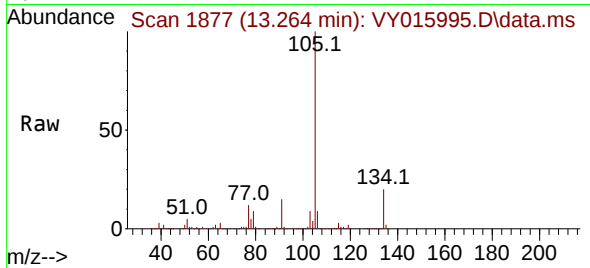
#85
 sec-Butylbenzene
 Concen: 50.099 ug/l
 RT: 13.264 min Scan# 1877
 Delta R.T. 0.006 min
 Lab File: VY015995.D
 Acq: 17 Oct 2023 09:21

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tgt Ion:105 Resp: 610528
 Ion Ratio Lower Upper
 105 100
 134 20.6 10.2 30.6

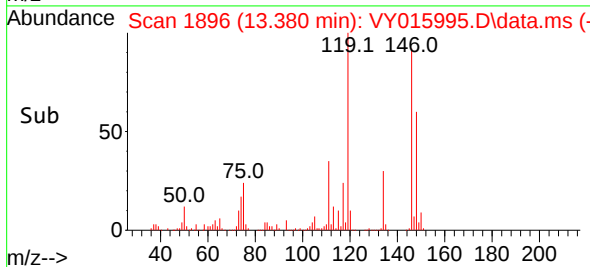
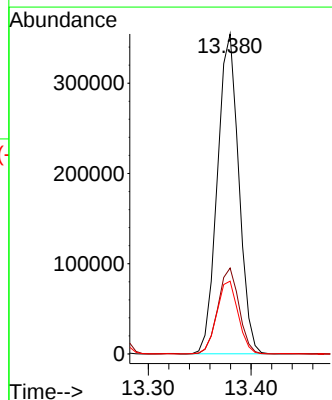
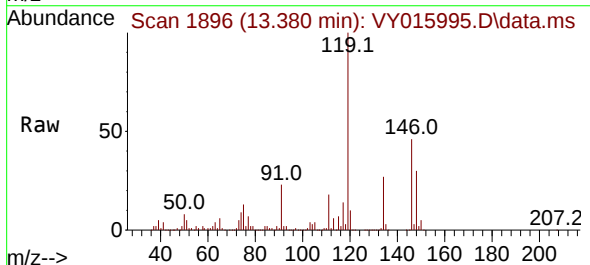
Manual Integrations
 APPROVED

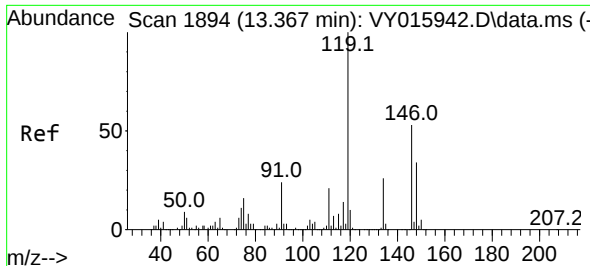
Reviewed By :John Carlone 10/18/2023
 Supervised By :Semsettin Yesilyurt 10/20/2023



#86
 p-Isopropyltoluene
 Concen: 50.213 ug/l
 RT: 13.380 min Scan# 1896
 Delta R.T. 0.006 min
 Lab File: VY015995.D
 Acq: 17 Oct 2023 09:21

Tgt Ion:119 Resp: 511342
 Ion Ratio Lower Upper
 119 100
 134 26.6 13.3 39.8
 91 22.8 12.4 37.4





#87

1,3-Dichlorobenzene

Concen: 48.536 ug/l

RT: 13.373 min Scan# 1894

Delta R.T. 0.006 min

Lab File: VY015995.D

Acq: 17 Oct 2023 09:21

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion:146 Resp: 26318

Ion Ratio Lower Upper

146 100

111 40.0 19.4 58.2

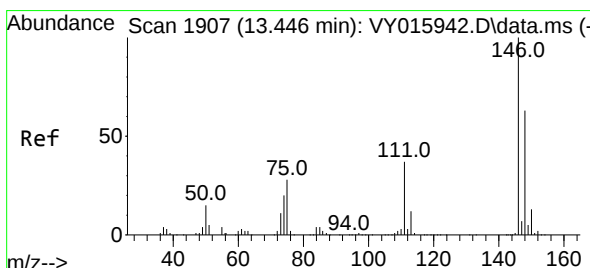
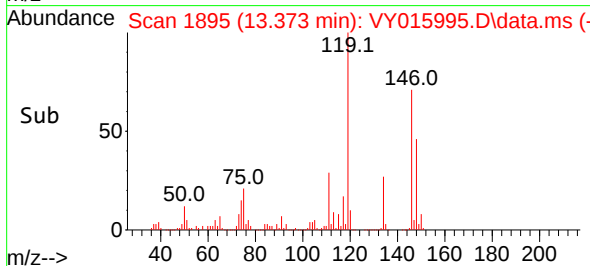
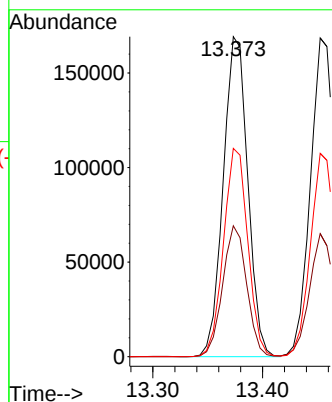
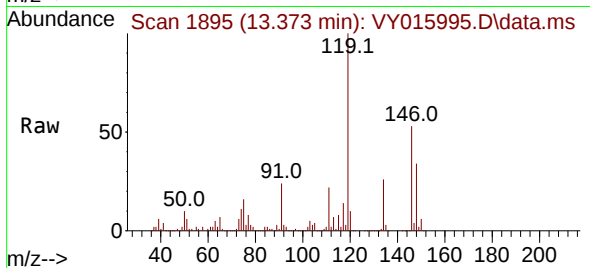
148 64.4 31.9 95.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/18/2023

Supervised By :Semsettin Yesilyurt 10/20/2023



#88

1,4-Dichlorobenzene

Concen: 48.822 ug/l

RT: 13.453 min Scan# 1908

Delta R.T. 0.006 min

Lab File: VY015995.D

Acq: 17 Oct 2023 09:21

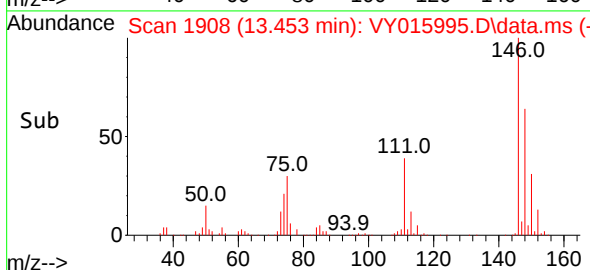
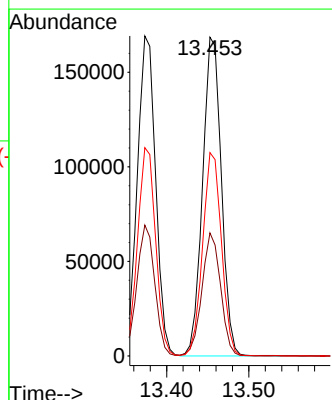
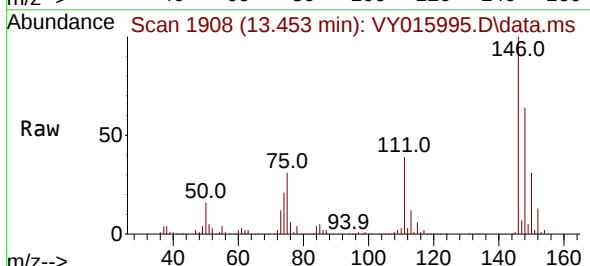
Tgt Ion:146 Resp: 267339

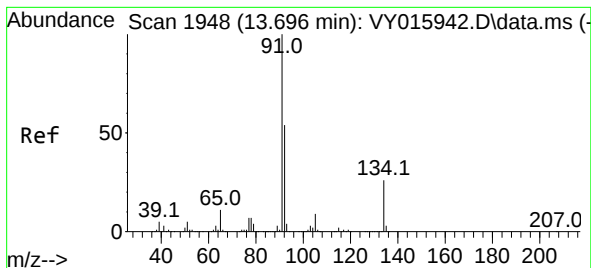
Ion Ratio Lower Upper

146 100

111 38.3 18.9 56.7

148 63.9 32.1 96.5





#89

n-Butylbenzene

Concen: 49.583 ug/l

RT: 13.703 min Scan# 1949

Delta R.T. 0.006 min

Lab File: VY015995.D

Acq: 17 Oct 2023 09:21

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

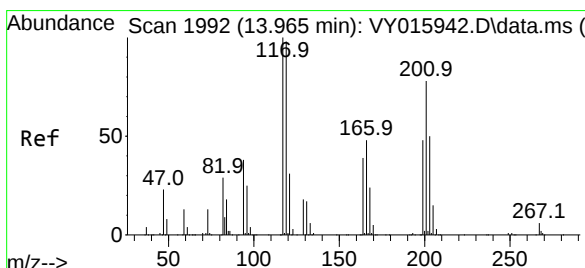
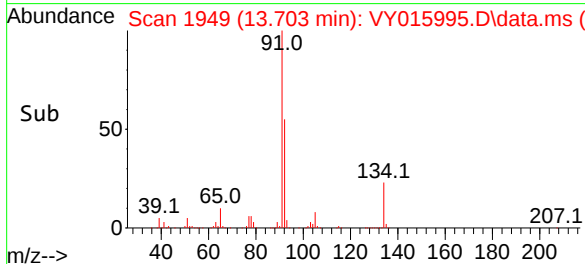
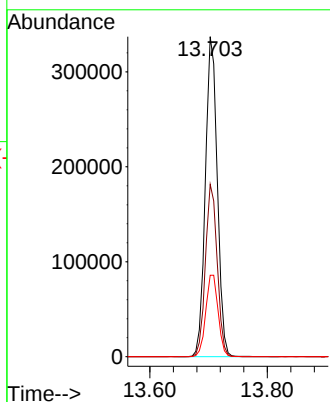
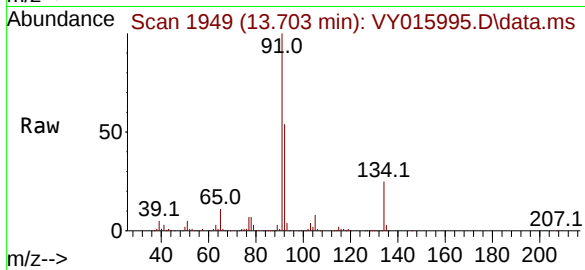
Tgt Ion:	91	Resp:	474809
Ion Ratio	Lower	Upper	
91	100		
92	53.2	25.4	76.0
134	26.5	12.6	37.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/18/2023

Supervised By :Semsettin Yesilyurt 10/20/2023



#90

Hexachloroethane

Concen: 49.463 ug/l

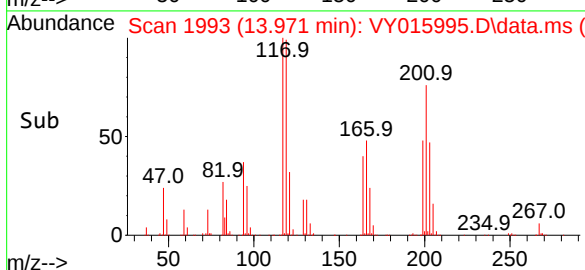
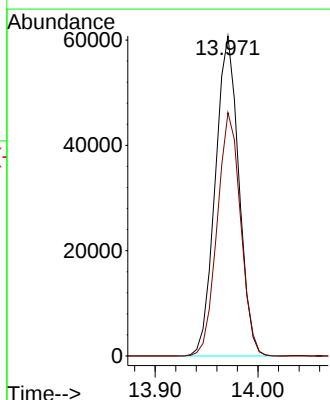
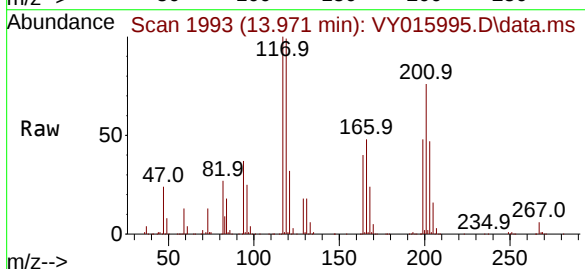
RT: 13.971 min Scan# 1993

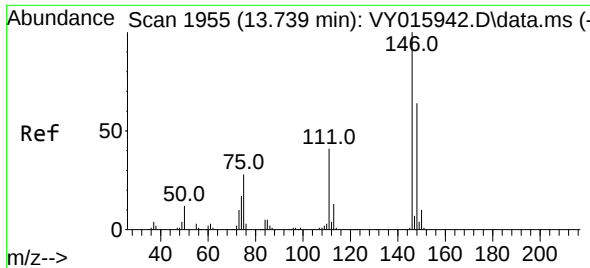
Delta R.T. 0.006 min

Lab File: VY015995.D

Acq: 17 Oct 2023 09:21

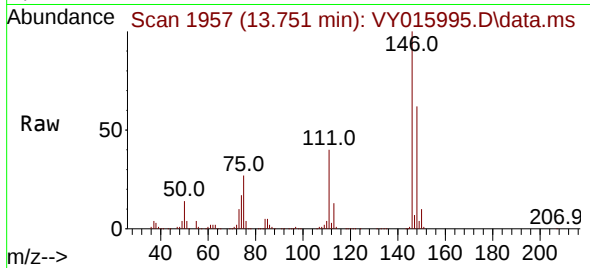
Tgt Ion:	117	Resp:	96542
Ion Ratio	Lower	Upper	
117	100		
201	75.6	41.6	124.8





#91
1,2-Dichlorobenzene
Concen: 49.164 ug/l
RT: 13.751 min Scan# 1957
Delta R.T. 0.012 min
Lab File: VY015995.D
Acq: 17 Oct 2023 09:21

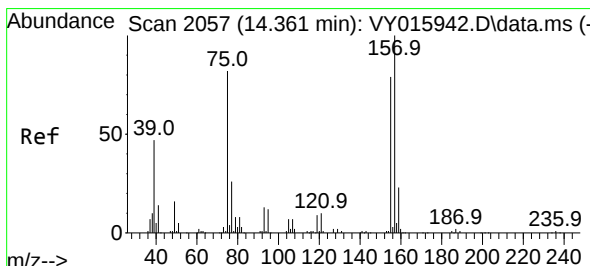
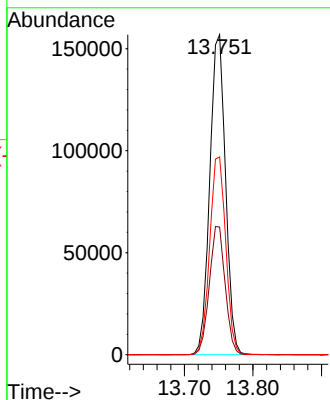
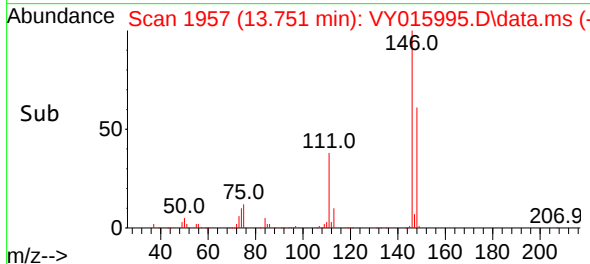
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



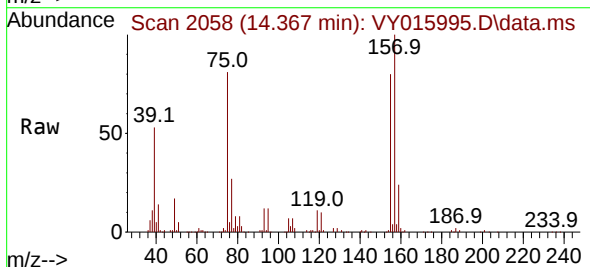
Tgt Ion:146 Resp: 250129
Ion Ratio Lower Upper
146 100
111 40.4 19.7 59.0
148 63.2 32.0 96.2

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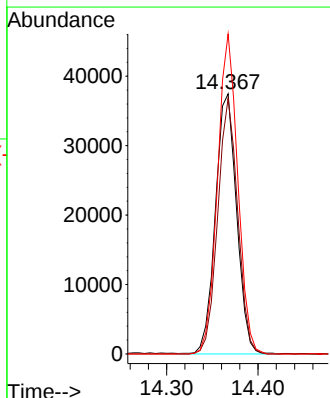
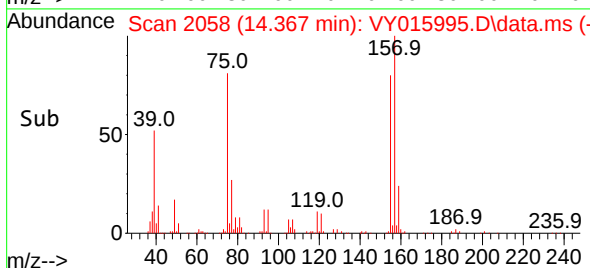
Reviewed By :John Carlone 10/18/2023
Supervised By :Semsettin Yesilyurt 10/20/2023

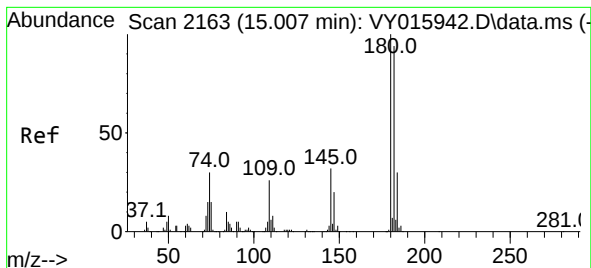


#92
1,2-Dibromo-3-Chloropropane
Concen: 61.136 ug/l
RT: 14.367 min Scan# 2058
Delta R.T. 0.006 min
Lab File: VY015995.D
Acq: 17 Oct 2023 09:21



Tgt Ion: 75 Resp: 60421
Ion Ratio Lower Upper
75 100
155 92.6 41.5 124.6
157 117.4 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 48.769 ug/l

RT: 15.013 min Scan# 2163

Delta R.T. 0.006 min

Lab File: VY015995.D

Acq: 17 Oct 2023 09:21

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion:180 Resp: 16308

Ion Ratio Lower Upper

180 100

182 96.0 47.0 141.2

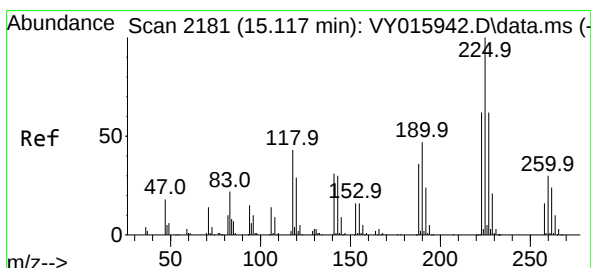
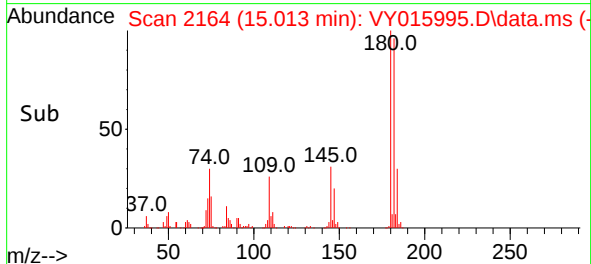
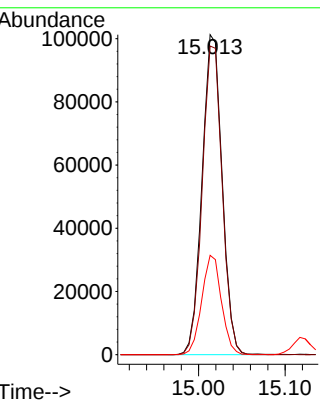
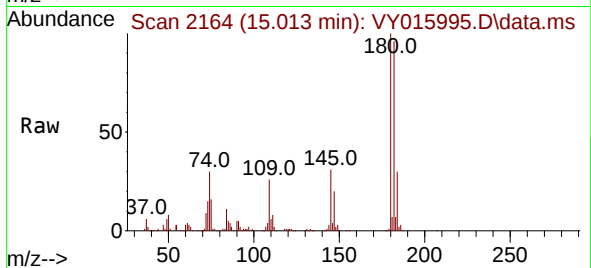
145 30.4 14.5 43.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/18/2023

Supervised By :Semsettin Yesilyurt 10/20/2023



#94

Hexachlorobutadiene

Concen: 47.943 ug/l

RT: 15.123 min Scan# 2182

Delta R.T. 0.006 min

Lab File: VY015995.D

Acq: 17 Oct 2023 09:21

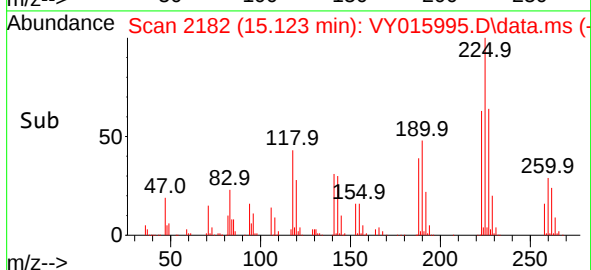
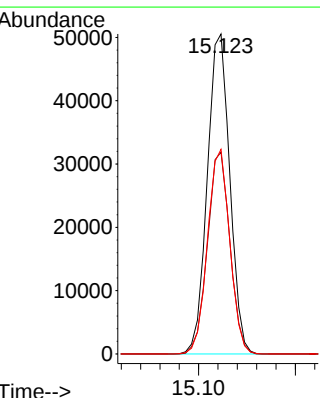
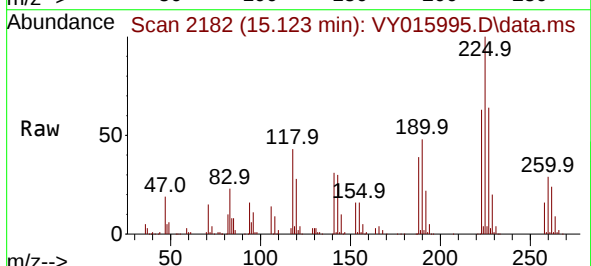
Tgt Ion:225 Resp: 81403

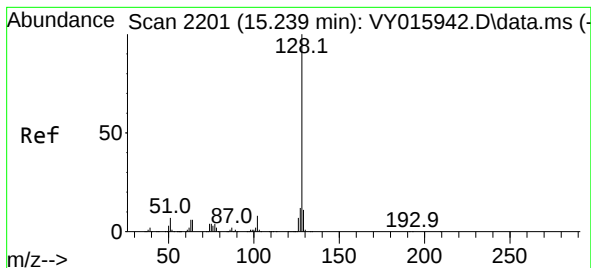
Ion Ratio Lower Upper

225 100

223 63.0 31.9 95.9

227 63.2 33.0 98.9





#95

Naphthalene

Concen: 53.008 ug/l

RT: 15.245 min Scan# 2201

Delta R.T. 0.006 min

Lab File: VY015995.D

Acq: 17 Oct 2023 09:21

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

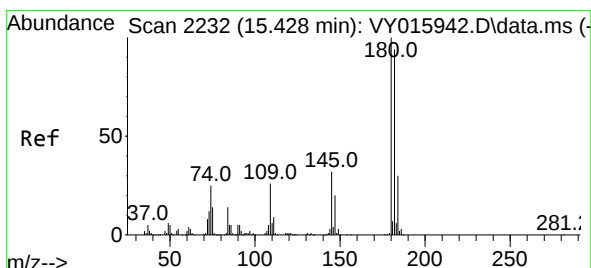
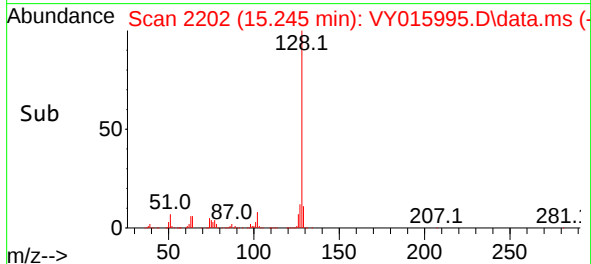
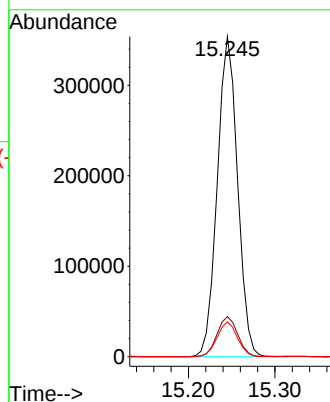
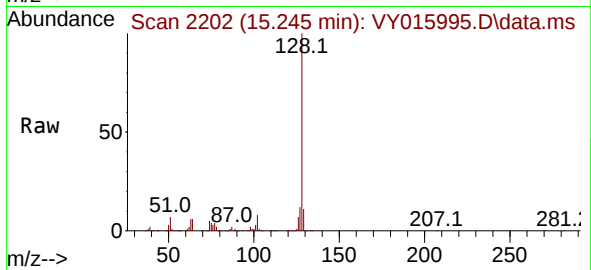
Tgt Ion:	128	Resp:	57505
Ion Ratio	Lower	Upper	
128	100		
127	12.8	10.8	16.2
129	10.9	8.6	13.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/18/2023

Supervised By :Semsettin Yesilyurt 10/20/2023



#96

1,2,3-Trichlorobenzene

Concen: 48.968 ug/l

RT: 15.434 min Scan# 2233

Delta R.T. 0.006 min

Lab File: VY015995.D

Acq: 17 Oct 2023 09:21

Tgt Ion:	180	Resp:	156989
Ion Ratio	Lower	Upper	
180	100		
182	95.4	47.3	141.8
145	32.1	15.4	46.2

