

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070723\
 Data File : VY014606.D
 Acq On : 07 Jul 2023 19:17
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/10/2023
 Supervised By : Semsettin Yesilyurt 07/10/2023

Quant Time: Jul 08 03:49:11 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y063023S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 30 19:02:11 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	309702	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	456063	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	426037	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	235016	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	154078	50.011	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 100.020%			
35) Dibromofluoromethane	7.710	113	147050	52.359	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 104.720%			
50) Toluene-d8	10.179	98	559527	50.398	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 100.800%			
62) 4-Bromofluorobenzene	12.477	95	198490	51.487	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 102.980%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.900	85	104494	46.810	ug/l	100
3) Chloromethane	2.107	50	167960	46.827	ug/l	96
4) Vinyl Chloride	2.241	62	205321	49.663	ug/l	97
5) Bromomethane	2.631	94	160922	50.197	ug/l	98
6) Chloroethane	2.784	64	135897	51.050	ug/l	96
7) Trichlorofluoromethane	3.113	101	235552	46.912	ug/l	99
8) Diethyl Ether	3.521	74	92875	48.850	ug/l	91
9) 1,1,2-Trichlorotrifluo...	3.887	101	146866	48.980	ug/l	98
10) Methyl Iodide	4.076	142	146499	42.814	ug/l	93
11) Tert butyl alcohol	4.954	59	125480	233.813	ug/l #	83
12) 1,1-Dichloroethene	3.863	96	139122	47.893	ug/l	91
13) Acrolein	3.723	56	96121	235.192	ug/l	99
14) Allyl chloride	4.466	41	197194	45.039	ug/l	88
15) Acrylonitrile	5.155	53	250117	229.164	ug/l	99
16) Acetone	3.942	43	215756	224.249	ug/l	90
17) Carbon Disulfide	4.186	76	408423	46.138	ug/l	99
18) Methyl Acetate	4.472	43	208473	47.599	ug/l	91
19) Methyl tert-butyl Ether	5.216	73	395240	47.342	ug/l	99
20) Methylene Chloride	4.704	84	185365	53.749	ug/l	89
21) trans-1,2-Dichloroethene	5.210	96	152158	46.276	ug/l	94
22) Diisopropyl ether	6.112	45	432208	47.907	ug/l	90
23) Vinyl Acetate	6.051	43	1246412	238.794	ug/l	96
24) 1,1-Dichloroethane	6.009	63	266547	47.063	ug/l	98
25) 2-Butanone	6.984	43	322862	226.632	ug/l	93
26) 2,2-Dichloropropane	6.972	77	189156	39.184	ug/l	93
27) cis-1,2-Dichloroethene	6.978	96	174980	46.913	ug/l	91
28) Bromochloromethane	7.332	49	121200	50.963	ug/l	86
29) Tetrahydrofuran	7.344	42	223223	242.924	ug/l #	87
30) Chloroform	7.502	83	282276	47.778	ug/l	97
31) Cyclohexane	7.783	56	210931	43.640	ug/l	93
32) 1,1,1-Trichloroethane	7.697	97	234609	46.457	ug/l	98
36) 1,1-Dichloropropene	7.911	75	203874	47.403	ug/l	97
37) Ethyl Acetate	7.070	43	142587	48.342	ug/l #	92
38) Carbon Tetrachloride	7.893	117	213304	47.509	ug/l	98
39) Methylcyclohexane	9.179	83	241904	47.056	ug/l	95
40) Benzene	8.155	78	611524	46.972	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.301	41	65607m	45.530	ug/l	
42) 1,2-Dichloroethane	8.234	62	188327	49.215	ug/l	95
43) Isopropyl Acetate	8.271	43	240162	48.047	ug/l #	90
44) Trichloroethene	8.935	130	172666	47.573	ug/l	96
45) 1,2-Dichloropropane	9.209	63	162876	48.768	ug/l	98
46) Dibromomethane	9.301	93	102822	50.570	ug/l	95
47) Bromodichloromethane	9.496	83	223025	49.783	ug/l	96
48) Methyl methacrylate	9.289	41	113589	49.972	ug/l #	80
49) 1,4-Dioxane	9.295	88	35194	969.339	ug/l #	58
51) 4-Methyl-2-Pentanone	10.069	43	732925	247.673	ug/l	89
52) Toluene	10.240	92	389979	47.601	ug/l	98
53) t-1,3-Dichloropropene	10.465	75	226503	47.280	ug/l	98
54) cis-1,3-Dichloropropene	9.929	75	252532	47.245	ug/l #	87
55) 1,1,2-Trichloroethane	10.642	97	146794	49.617	ug/l	96
56) Ethyl methacrylate	10.508	69	201912	50.170	ug/l #	81
57) 1,3-Dichloropropane	10.788	76	237990	49.370	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.782	63	525661	269.613	ug/l	96
59) 2-Hexanone	10.831	43	537381	251.390	ug/l	88
60) Dibromochloromethane	10.983	129	174451	50.322	ug/l	100
61) 1,2-Dibromoethane	11.087	107	144201	49.924	ug/l	99
64) Tetrachloroethene	10.715	164	192539	50.555	ug/l	96
65) Chlorobenzene	11.514	112	438182	48.262	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.587	131	171640	49.739	ug/l	98
67) Ethyl Benzene	11.587	91	744895	48.111	ug/l	99
68) m/p-Xylenes	11.697	106	591545	96.319	ug/l	94
69) o-Xylene	12.026	106	281705	48.361	ug/l	96
70) Styrene	12.044	104	492673	49.160	ug/l	97
71) Bromoform	12.203	173	133051	50.751	ug/l #	99
73) Isopropylbenzene	12.325	105	729702	47.408	ug/l	99
74) N-amyl acetate	12.142	43	221315	47.642	ug/l #	86
75) 1,1,2,2-Tetrachloroethane	12.581	83	191018	48.361	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	133216m	48.305	ug/l	
77) Bromobenzene	12.605	156	201588	47.952	ug/l	96
78) n-propylbenzene	12.666	91	900412	47.957	ug/l	99
79) 2-Chlorotoluene	12.751	91	516553	47.806	ug/l	97
80) 1,3,5-Trimethylbenzene	12.812	105	626065	48.047	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.373	75	61819	43.630	ug/l	88
82) 4-Chlorotoluene	12.849	91	534899	47.253	ug/l	95
83) tert-Butylbenzene	13.075	119	540047	47.159	ug/l	97
84) 1,2,4-Trimethylbenzene	13.117	105	626720	48.200	ug/l	97
85) sec-Butylbenzene	13.251	105	805140	47.645	ug/l	99
86) p-Isopropyltoluene	13.367	119	680526	47.853	ug/l	97
87) 1,3-Dichlorobenzene	13.361	146	388953	47.320	ug/l	98
88) 1,4-Dichlorobenzene	13.446	146	386223	46.886	ug/l	99
89) n-Butylbenzene	13.696	91	629329	47.885	ug/l	98
90) Hexachloroethane	13.959	117	137032	48.645	ug/l	89
91) 1,2-Dichlorobenzene	13.739	146	356179	47.839	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	34985	48.379	ug/l	85
93) 1,2,4-Trichlorobenzene	15.007	180	234013	48.662	ug/l	97
94) Hexachlorobutadiene	15.111	225	145777	49.322	ug/l	99
95) Naphthalene	15.233	128	501128	48.980	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	220519	50.327	ug/l	99

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

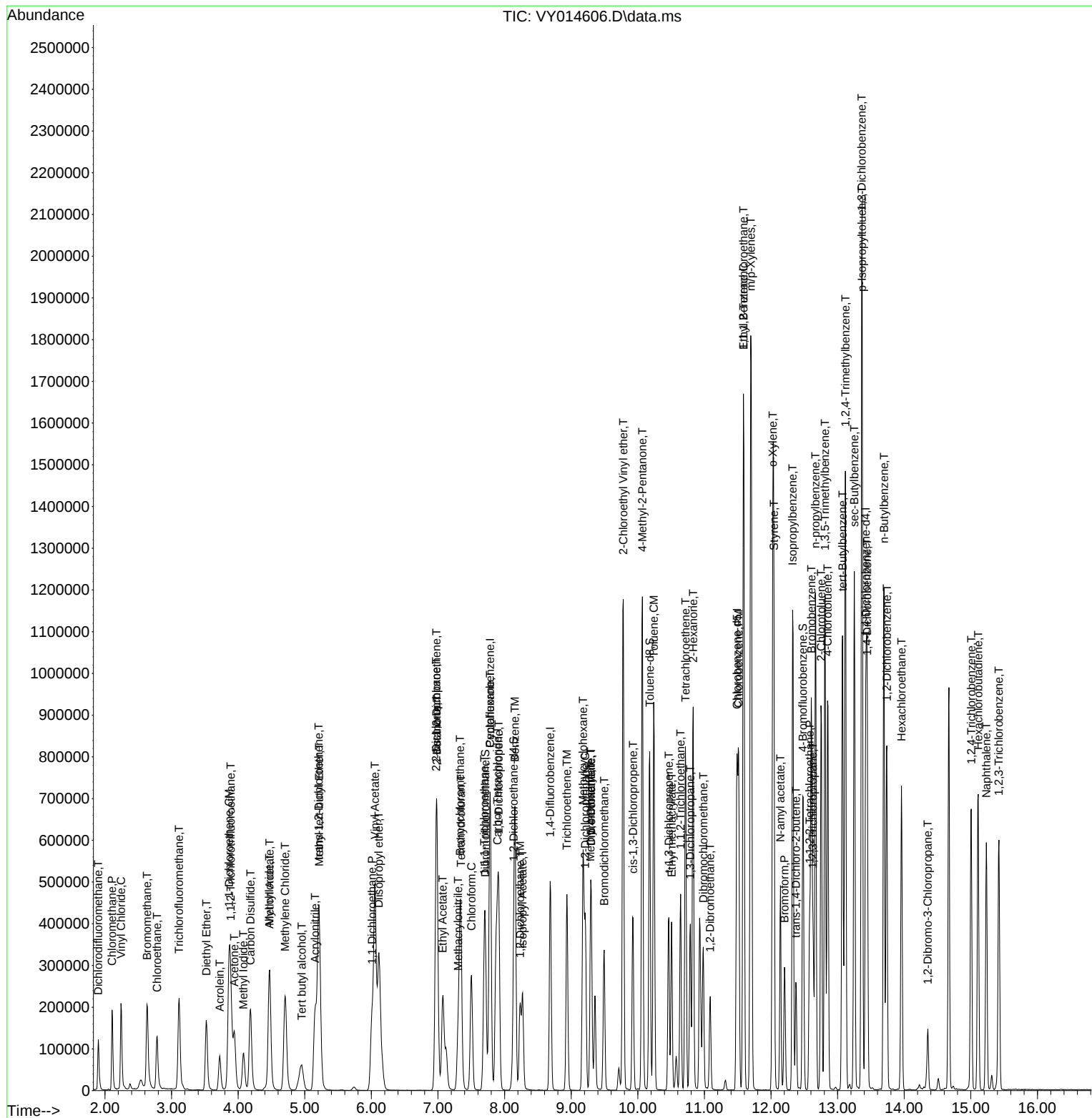
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070723\
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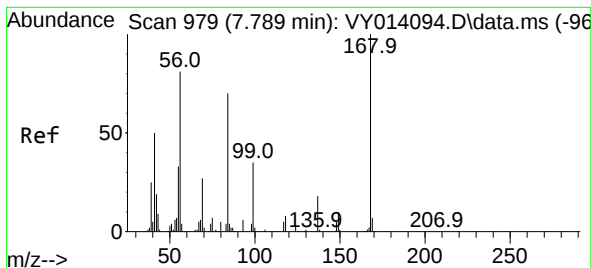
Instrument :
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.783 min Scan# 91

Delta R.T. -0.006 min

Lab File: VY014606.D

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Tgt Ion:168 Resp: 309702

Ion Ratio Lower Upper

168 100

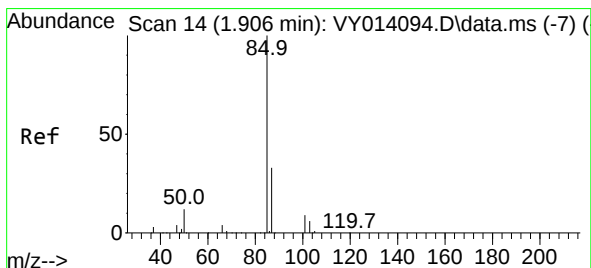
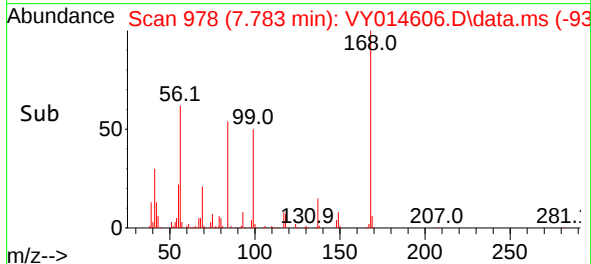
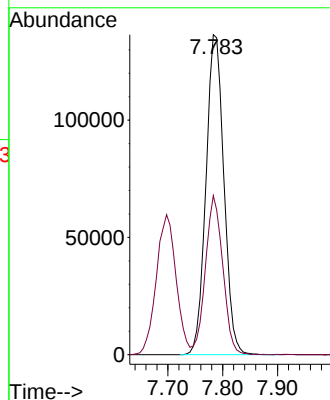
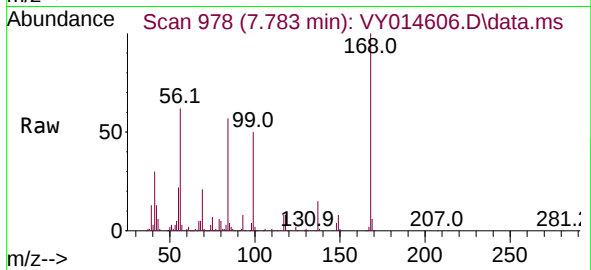
99 49.6 43.4 65.0

Manual Integrations

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#2

Dichlorodifluoromethane

Concen: 46.810 ug/l

RT: 1.900 min Scan# 13

Delta R.T. -0.006 min

Lab File: VY014606.D

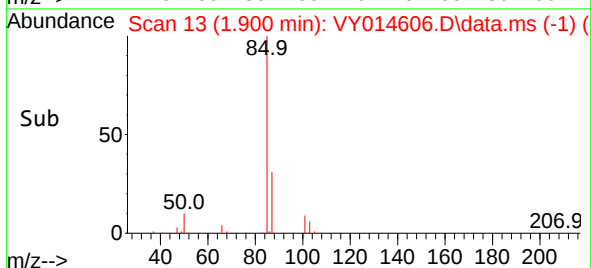
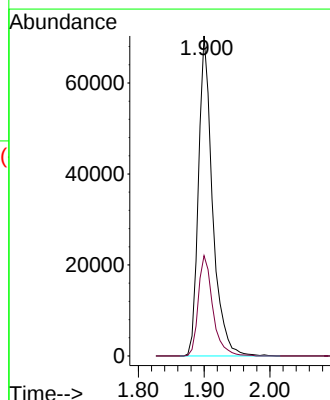
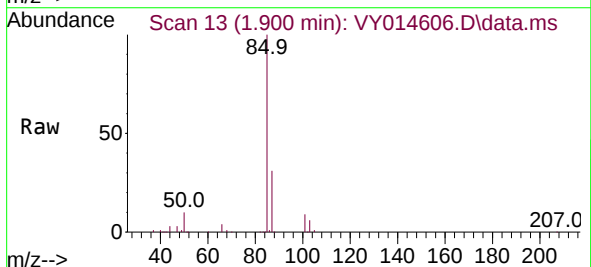
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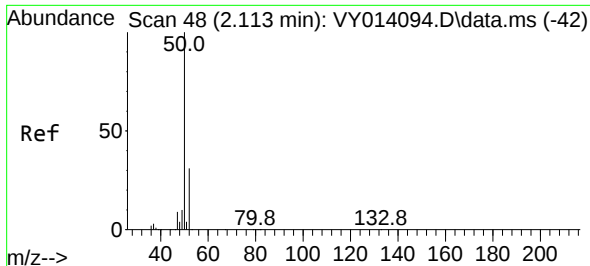
Tgt Ion: 85 Resp: 104494

Ion Ratio Lower Upper

85 100

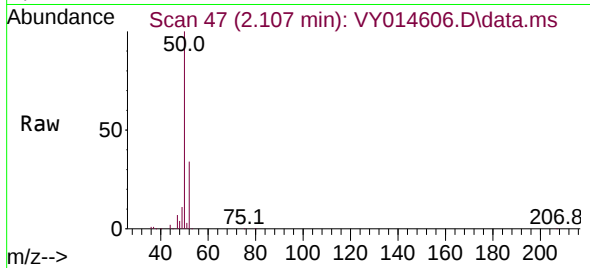
87 31.4 15.6 46.8





#3
Chloromethane
Concen: 46.827 ug/l
RT: 2.107 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY014606.D
Acq: 07 Jul 2023 19:17

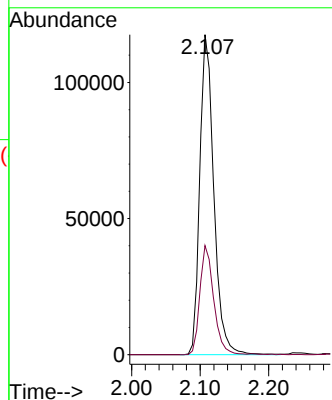
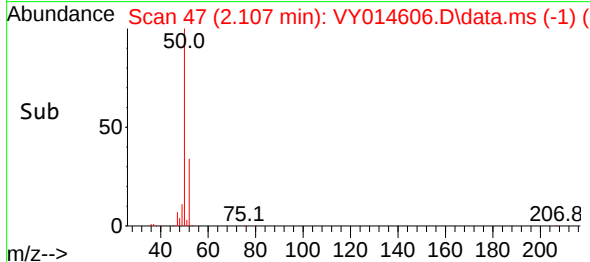
Instrument :
MSVOA_Y
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VSTDCCC050EC



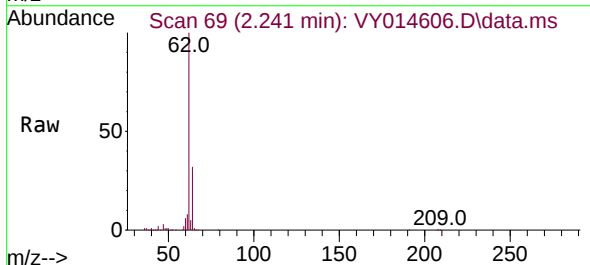
Tgt Ion: 50 Resp: 167960
Ion Ratio Lower Upper
50 100
52 34.1 25.4 38.2

Manual Integrations
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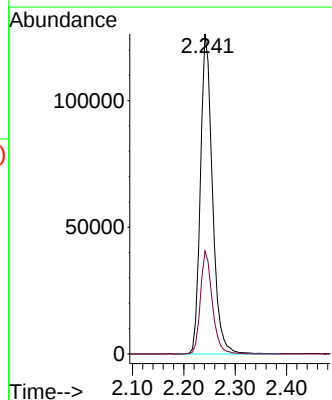
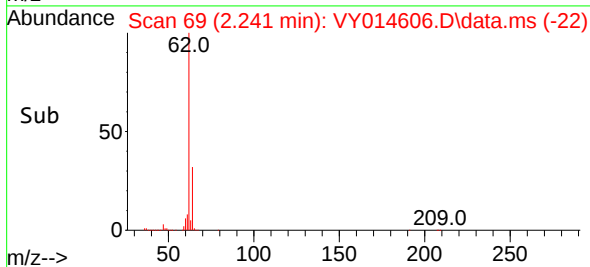
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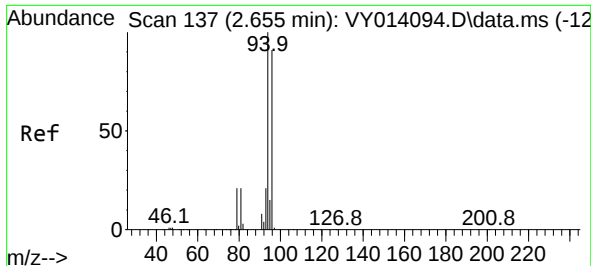


#4
Vinyl Chloride
Concen: 49.663 ug/l
RT: 2.241 min Scan# 69
Delta R.T. -0.012 min
Lab File: VY014606.D
Acq: 07 Jul 2023 19:17



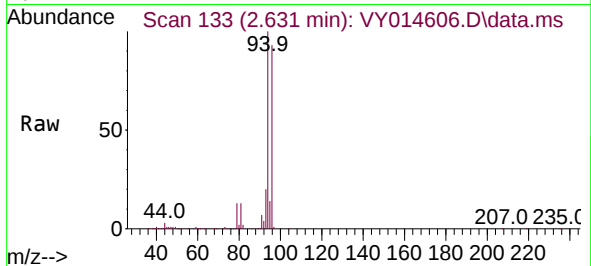
Tgt Ion: 62 Resp: 205321
Ion Ratio Lower Upper
62 100
64 32.1 24.3 36.5





#5
Bromomethane
Concen: 50.197 ug/l
RT: 2.631 min Scan# 11
Delta R.T. -0.024 min
Lab File: VY014606.D
Acq: 07 Jul 2023 19:17

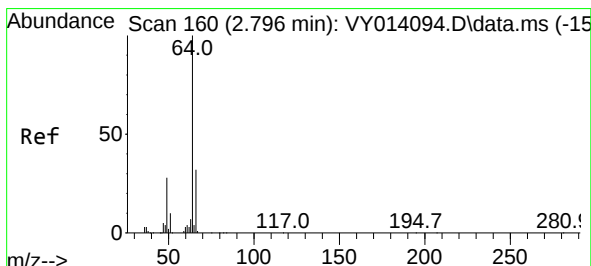
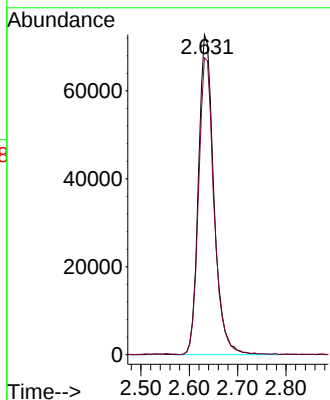
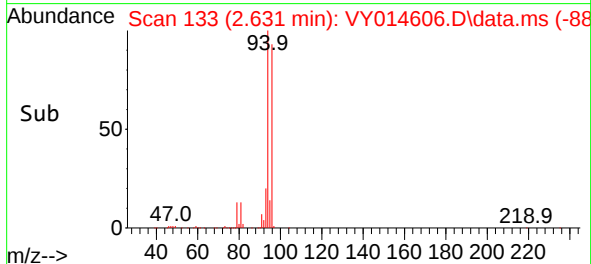
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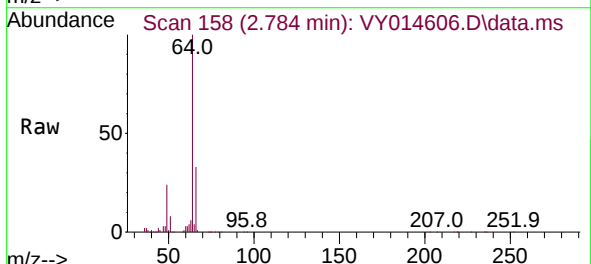
Tgt Ion: 94 Resp: 16092
Ion Ratio Lower Upper
94 100
96 92.7 75.8 113.6

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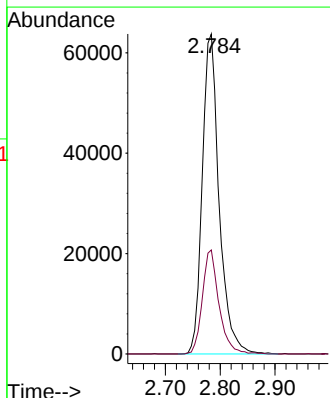
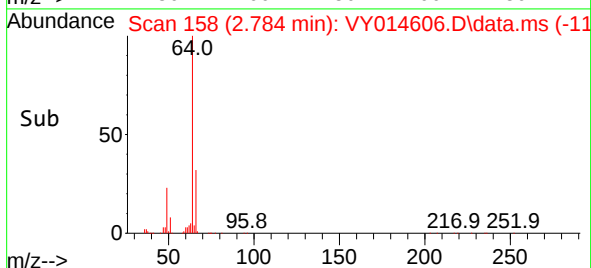
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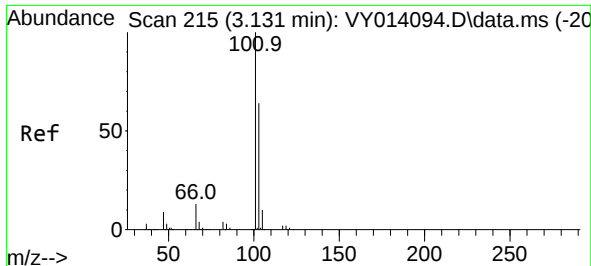


#6
Chloroethane
Concen: 51.050 ug/l
RT: 2.784 min Scan# 158
Delta R.T. -0.012 min
Lab File: VY014606.D
Acq: 07 Jul 2023 19:17



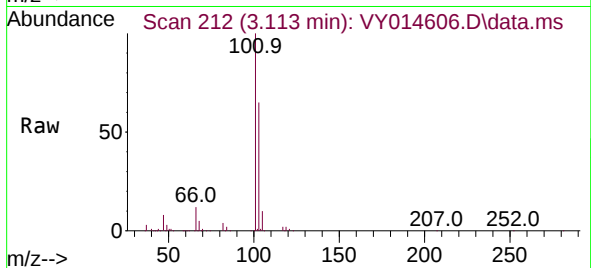
Tgt Ion: 64 Resp: 135897
Ion Ratio Lower Upper
64 100
66 32.5 24.4 36.6





#7
Trichlorofluoromethane
Concen: 46.912 ug/l
RT: 3.113 min Scan# 215
Delta R.T. -0.018 min
Lab File: VY014606.D
Acq: 07 Jul 2023 19:17

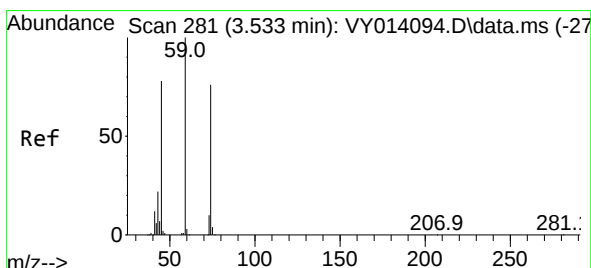
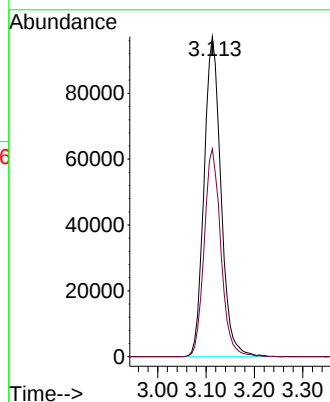
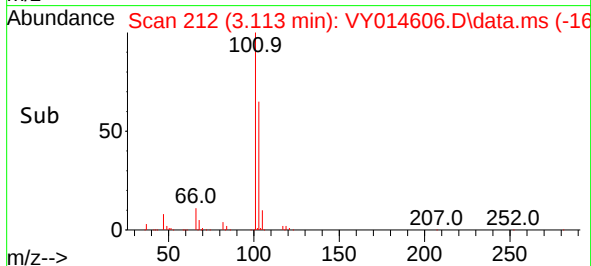
Instrument :
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Tgt Ion:101 Resp: 235552
Ion Ratio Lower Upper
101 100
103 64.9 51.4 77.0

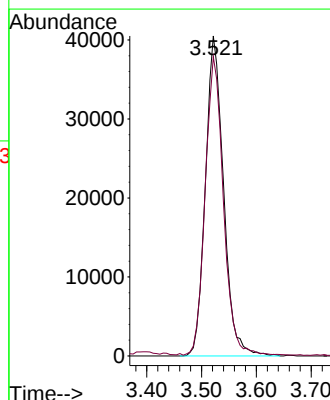
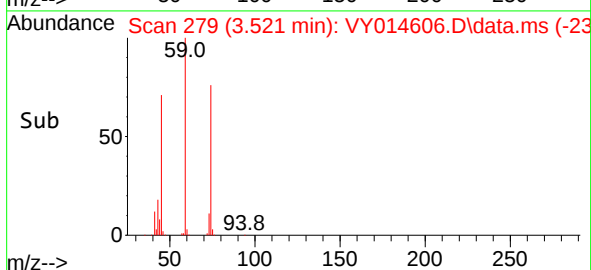
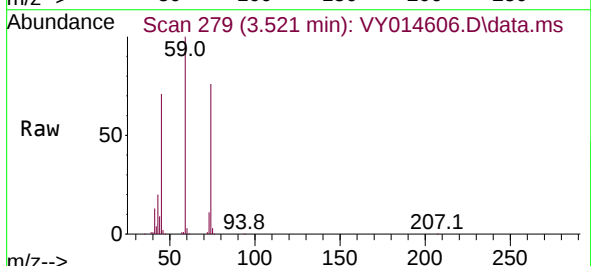
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#8
Diethyl Ether
Concen: 48.850 ug/l
RT: 3.521 min Scan# 279
Delta R.T. -0.012 min
Lab File: VY014606.D
Acq: 07 Jul 2023 19:17

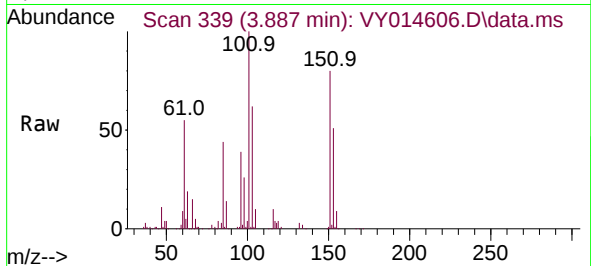
Tgt Ion: 74 Resp: 92875
Ion Ratio Lower Upper
74 100
45 93.4 51.5 154.5





#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.980 ug/l
RT: 3.887 min Scan# 31
Delta R.T. -0.018 min
Lab File: VY014606.D
Acq: 07 Jul 2023 19:17

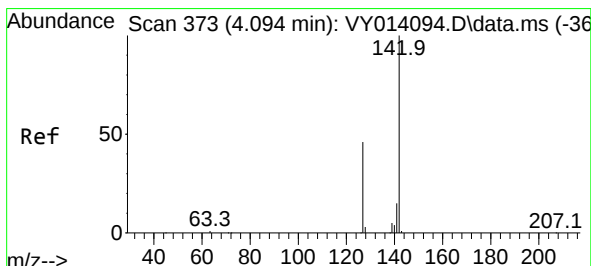
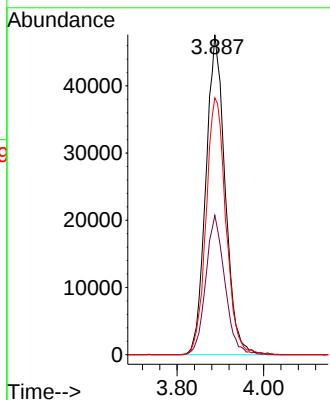
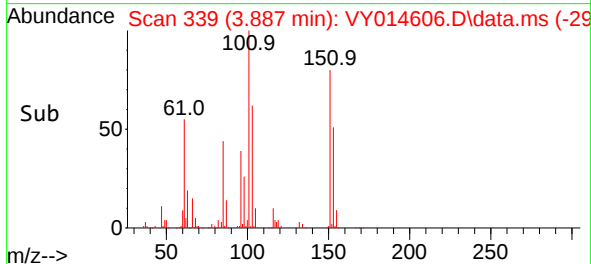
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



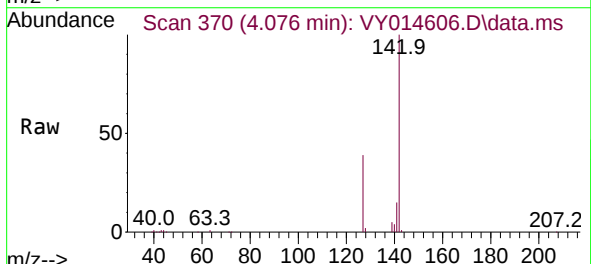
Tgt Ion:101 Resp: 146860
Ion Ratio Lower Upper
101 100
85 43.1 36.6 55.0
151 82.8 67.0 100.6

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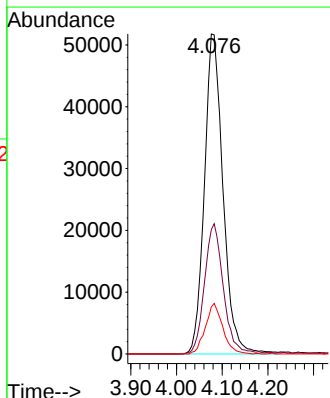
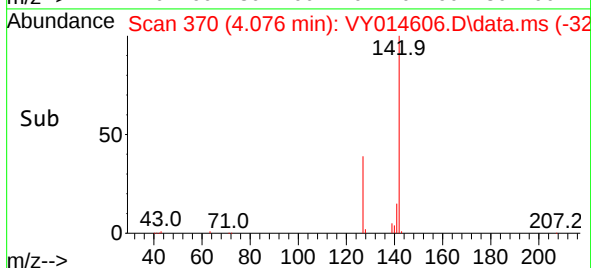
Reviewed By :John Carlone 07/10/2023
Supervised By :Semsettin Yesilyurt 07/10/2023

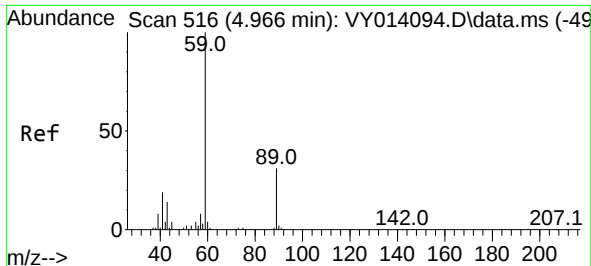


#10
Methyl Iodide
Concen: 42.814 ug/l
RT: 4.076 min Scan# 370
Delta R.T. -0.018 min
Lab File: VY014606.D
Acq: 07 Jul 2023 19:17



Tgt Ion:142 Resp: 146499
Ion Ratio Lower Upper
142 100
127 41.3 37.6 56.4
141 14.8 11.8 17.8





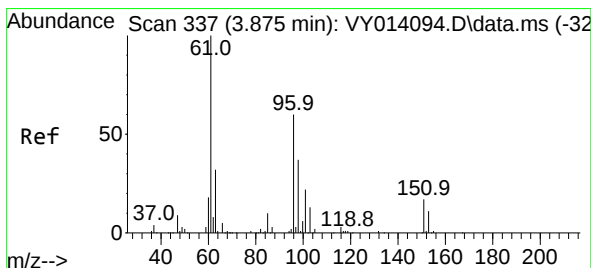
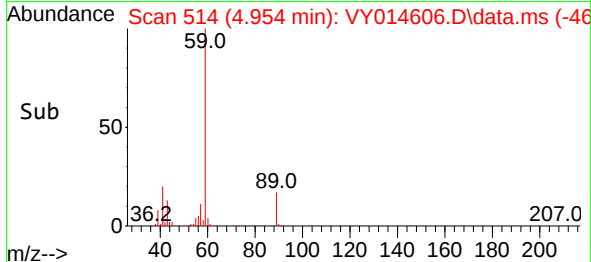
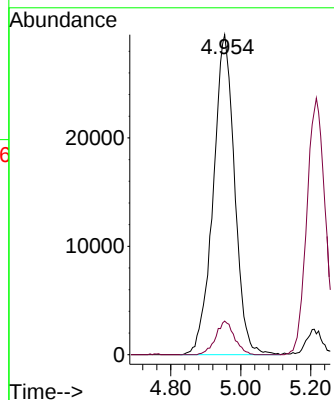
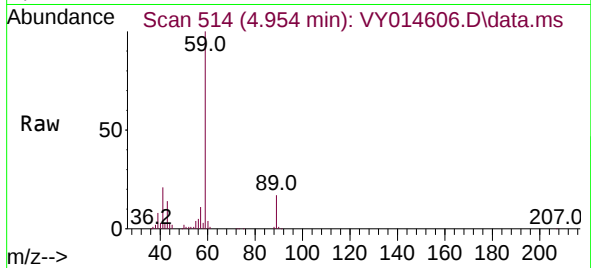
#11
Tert butyl alcohol
Concen: 233.813 ug/l
RT: 4.954 min Scan# 516
Delta R.T. -0.012 min
Lab File: VY014606.D
Acq: 07 Jul 2023 19:17

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 59 Resp: 125480
Ion Ratio Lower Upper
59 100
57 9.2 3.0 4.4

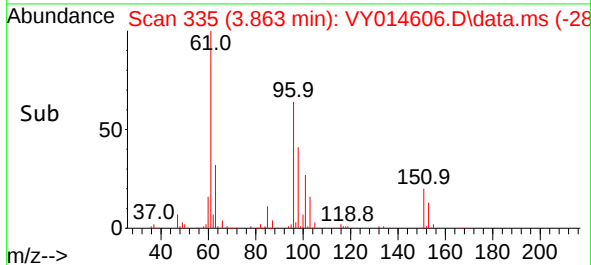
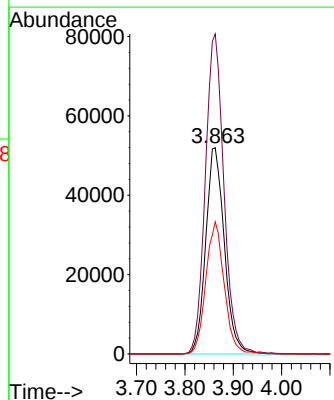
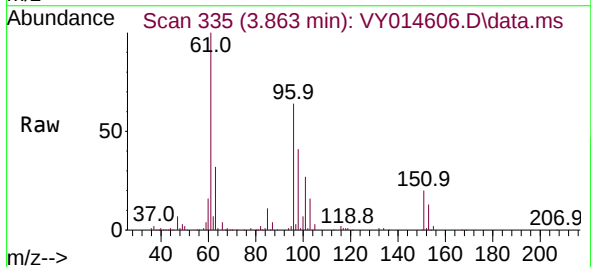
Manual Integrations
APPROVED

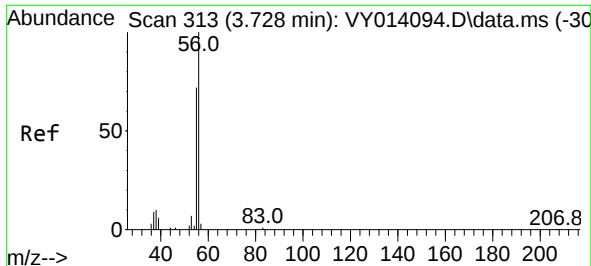
Reviewed By :John Carlone 07/10/2023
Supervised By :Semsettin Yesilyurt 07/10/2023



#12
1,1-Dichloroethene
Concen: 47.893 ug/l
RT: 3.863 min Scan# 335
Delta R.T. -0.012 min
Lab File: VY014606.D
Acq: 07 Jul 2023 19:17

Tgt Ion: 96 Resp: 139122
Ion Ratio Lower Upper
96 100
61 155.1 136.4 204.6
98 64.1 49.4 74.2





#13

Acrolein

Concen: 235.192 ug/l

RT: 3.723 min Scan# 31

Delta R.T. -0.005 min

Lab File: VY014606.D

Acq: 07 Jul 2023 19:17

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 56 Resp: 9612

Ion Ratio Lower Upper

56 100

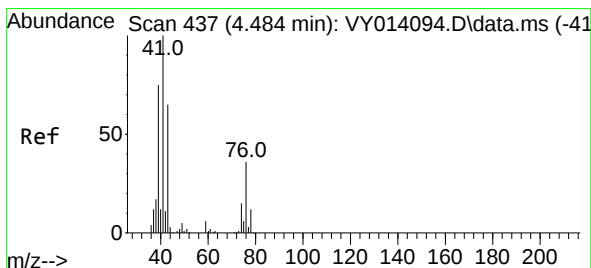
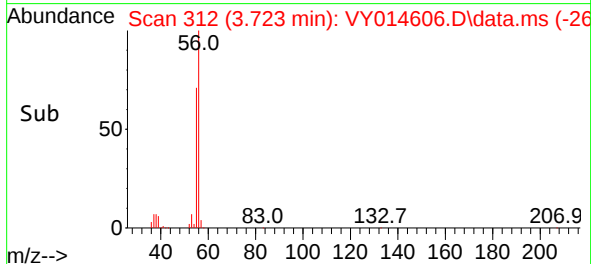
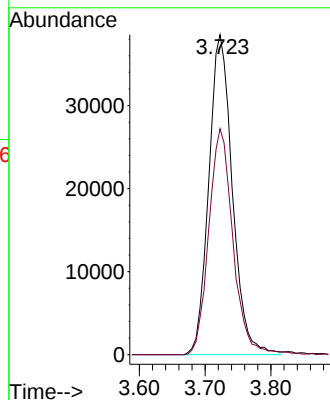
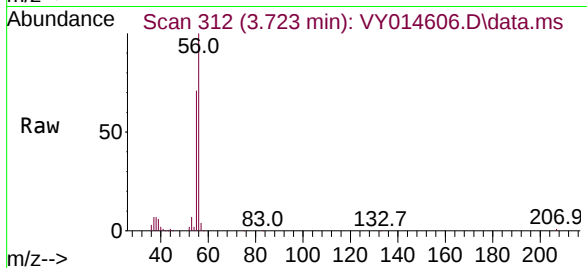
55 72.4 57.0 85.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/10/2023

Supervised By :Semsettin Yesilyurt 07/10/2023



#14

Allyl chloride

Concen: 45.039 ug/l

RT: 4.466 min Scan# 434

Delta R.T. -0.018 min

Lab File: VY014606.D

Acq: 07 Jul 2023 19:17

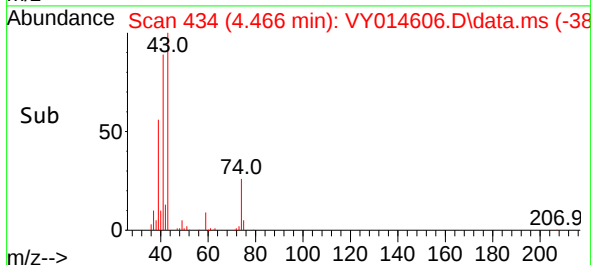
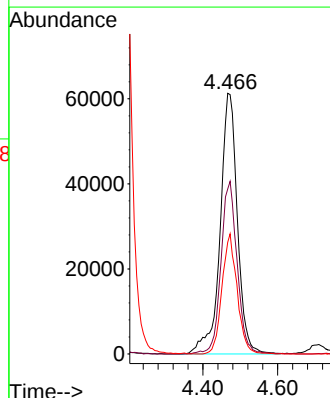
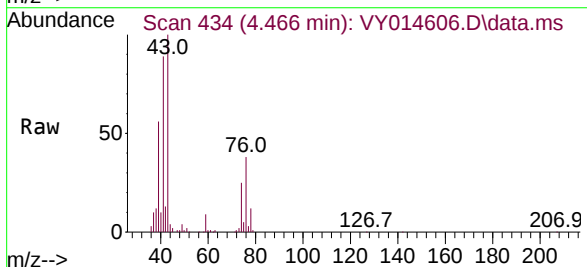
Tgt Ion: 41 Resp: 197194

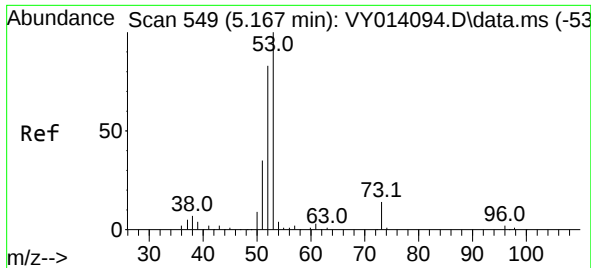
Ion Ratio Lower Upper

41 100

39 62.1 58.0 87.0

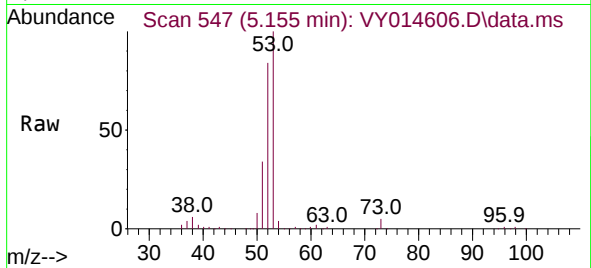
76 40.4 27.4 41.2





#15
Acrylonitrile
Concen: 229.164 ug/l
RT: 5.155 min Scan# 549
Delta R.T. -0.012 min
Lab File: VY014606.D
Acq: 07 Jul 2023 19:17

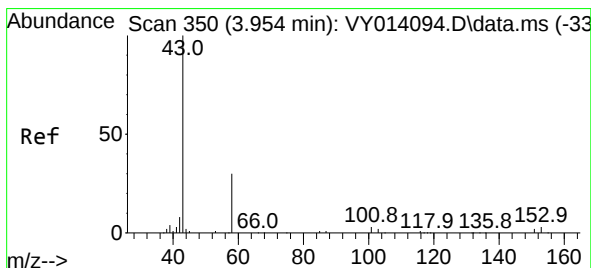
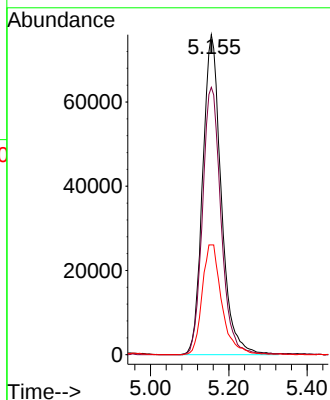
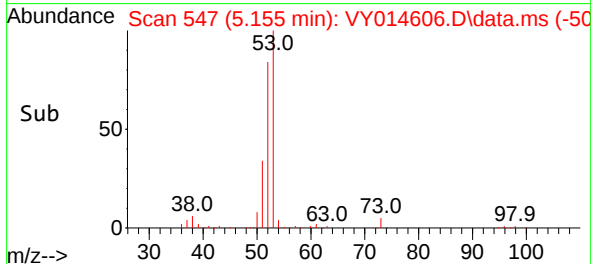
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 250117
Ion Ratio Lower Upper
53 100
52 83.4 66.9 100.3
51 36.3 29.8 44.6

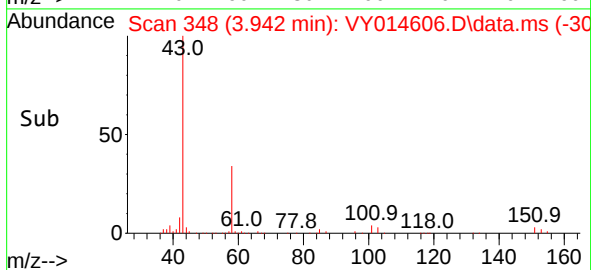
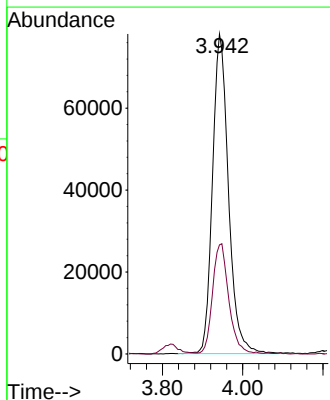
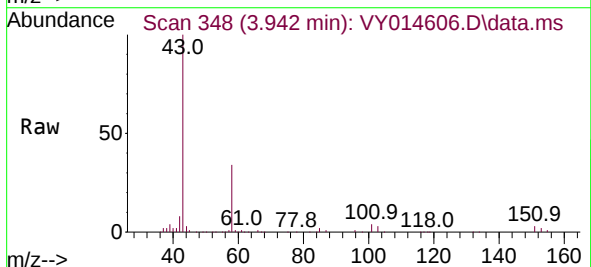
Manual Integrations
APPROVED

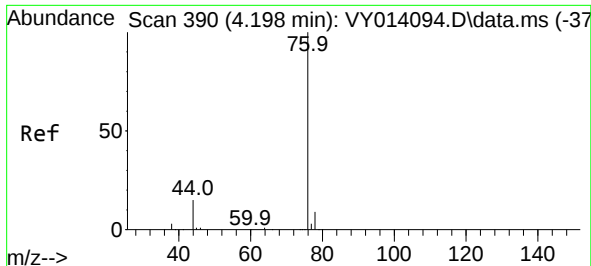
Reviewed By :John Carlone 07/10/2023
Supervised By :Semsettin Yesilyurt 07/10/2023



#16
Acetone
Concen: 224.249 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.012 min
Lab File: VY014606.D
Acq: 07 Jul 2023 19:17

Tgt Ion: 43 Resp: 215756
Ion Ratio Lower Upper
43 100
58 33.9 22.7 34.1





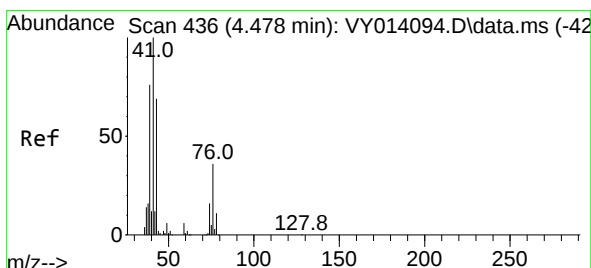
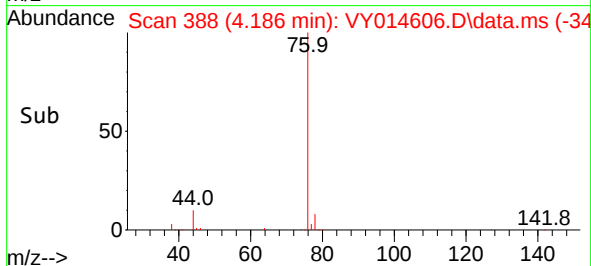
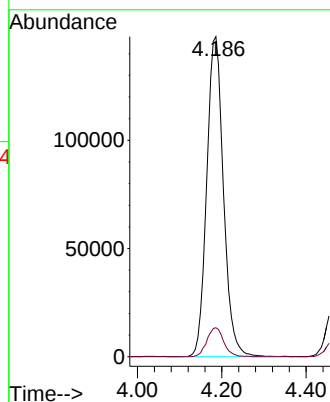
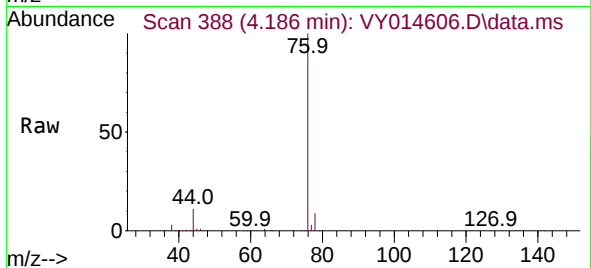
#17
Carbon Disulfide
Concen: 46.138 ug/l
RT: 4.186 min Scan# 31
Delta R.T. -0.012 min
Lab File: VY014606.D
Acq: 07 Jul 2023 19:17

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 76 Resp: 40842
Ion Ratio Lower Upper
76 100
78 9.1 7.0 10.4

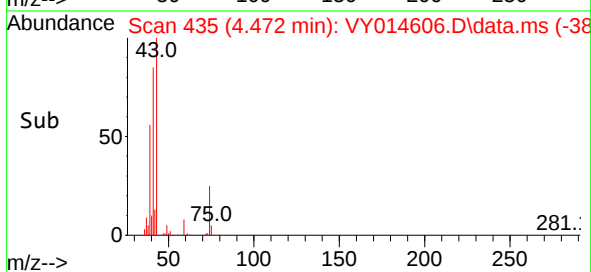
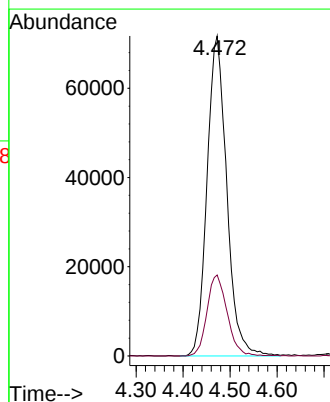
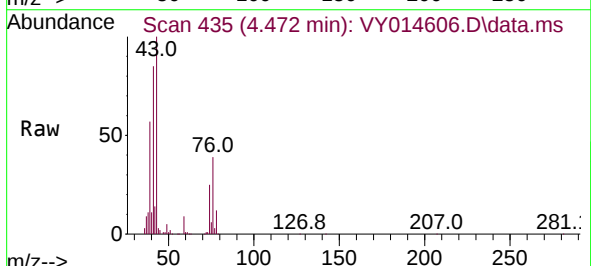
Manual Integrations
APPROVED

Reviewed By :John Carlone 07/10/2023
Supervised By :Semsettin Yesilyurt 07/10/2023



#18
Methyl Acetate
Concen: 47.599 ug/l
RT: 4.472 min Scan# 435
Delta R.T. -0.006 min
Lab File: VY014606.D
Acq: 07 Jul 2023 19:17

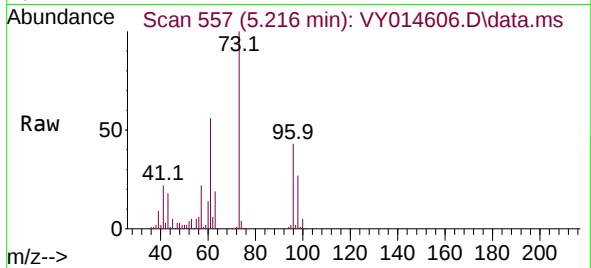
Tgt Ion: 43 Resp: 208473
Ion Ratio Lower Upper
43 100
74 25.9 17.4 26.0





#19
Methyl tert-butyl Ether
Concen: 47.342 ug/l
RT: 5.216 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY014606.D
Acq: 07 Jul 2023 19:17

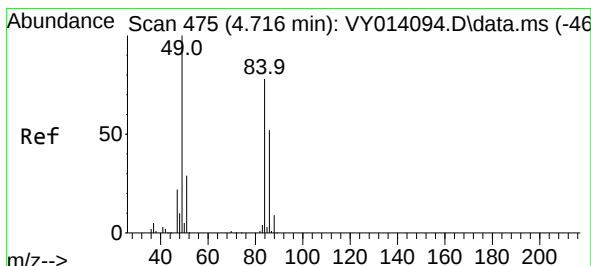
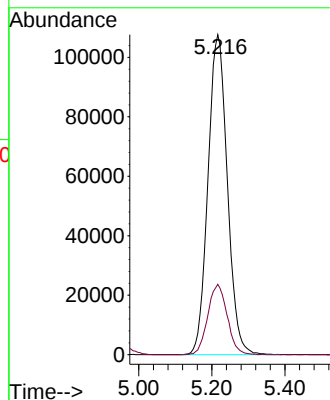
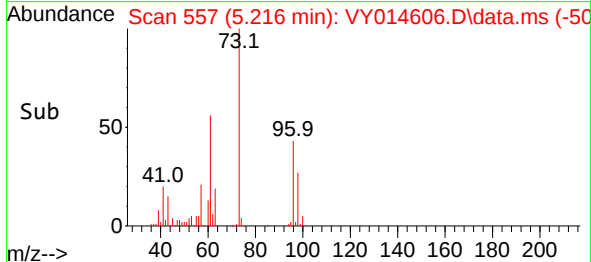
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 73 Resp: 395240
Ion Ratio Lower Upper
73 100
57 22.0 17.3 25.9

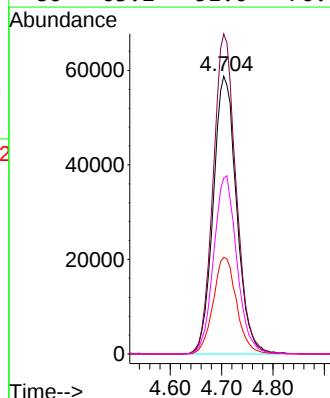
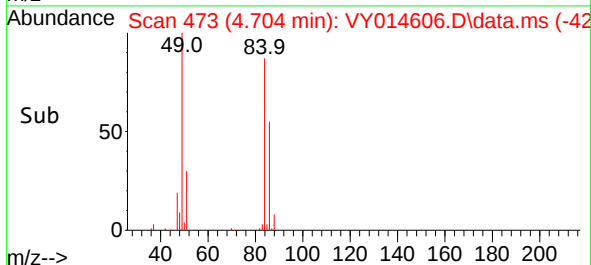
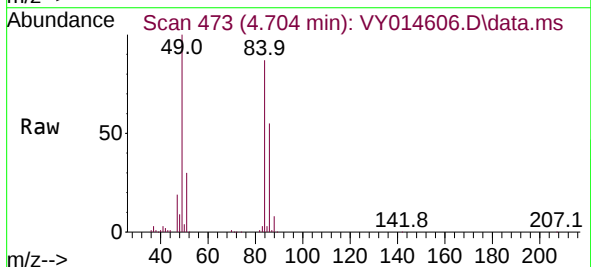
Manual Integrations
APPROVED

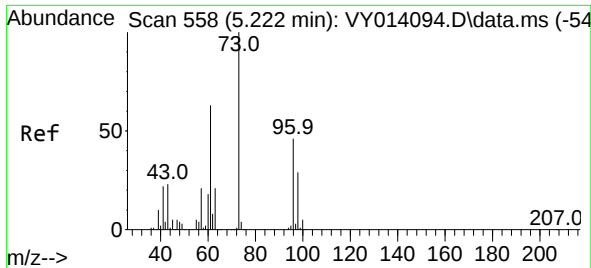
Reviewed By :John Carlone 07/10/2023
Supervised By :Semsettin Yesilyurt 07/10/2023



#20
Methylene Chloride
Concen: 53.749 ug/l
RT: 4.704 min Scan# 473
Delta R.T. -0.012 min
Lab File: VY014606.D
Acq: 07 Jul 2023 19:17

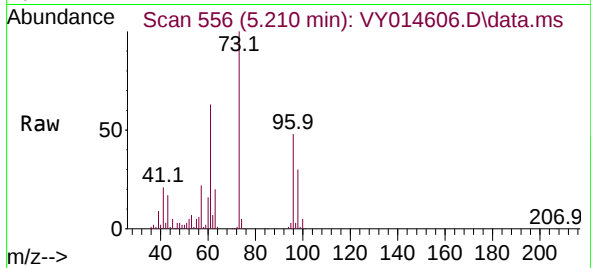
Tgt Ion: 84 Resp: 185365
Ion Ratio Lower Upper
84 100
49 115.2 106.9 160.3
51 34.8 33.2 49.8
86 63.2 51.0 76.6





#21
trans-1,2-Dichloroethene
Concen: 46.276 ug/l
RT: 5.210 min Scan# 51
Delta R.T. -0.012 min
Lab File: VY014606.D
Acq: 07 Jul 2023 19:17

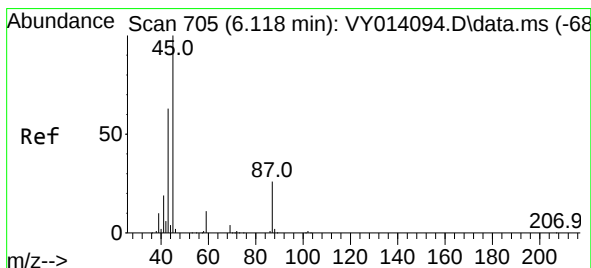
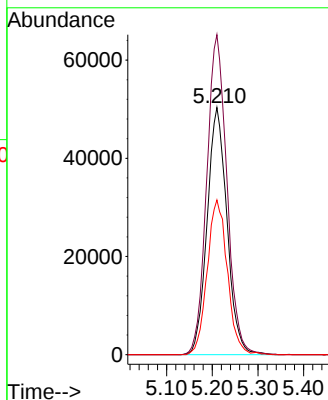
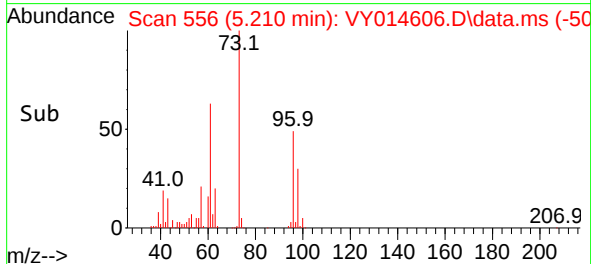
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 96 Resp: 152158
Ion Ratio Lower Upper
96 100
61 129.4 110.2 165.4
98 62.6 51.8 77.6

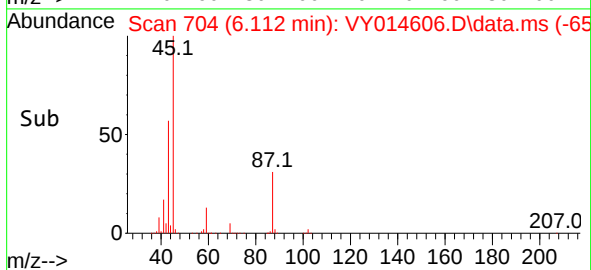
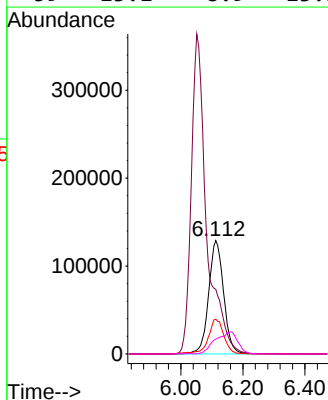
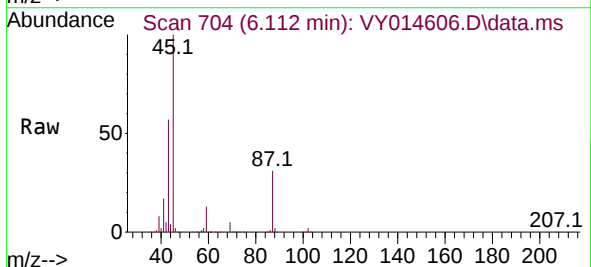
Manual Integrations
APPROVED

Reviewed By :John Carlone 07/10/2023
Supervised By :Semsettin Yesilyurt 07/10/2023



#22
Diisopropyl ether
Concen: 47.907 ug/l
RT: 6.112 min Scan# 704
Delta R.T. -0.006 min
Lab File: VY014606.D
Acq: 07 Jul 2023 19:17

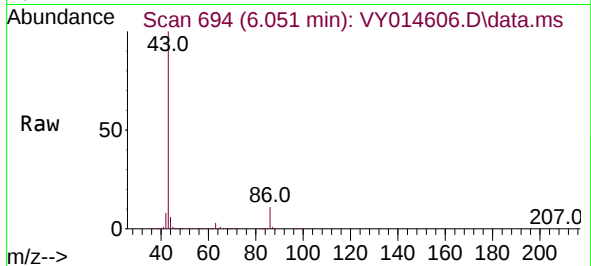
Tgt Ion: 45 Resp: 432208
Ion Ratio Lower Upper
45 100
43 56.9 52.2 78.4
87 30.7 21.0 31.6
59 13.1 8.9 13.3





#23
 Vinyl Acetate
 Concen: 238.794 ug/l
 RT: 6.051 min Scan# 694
 Delta R.T. -0.012 min
 Lab File: VY014606.D
 Acq: 07 Jul 2023 19:17

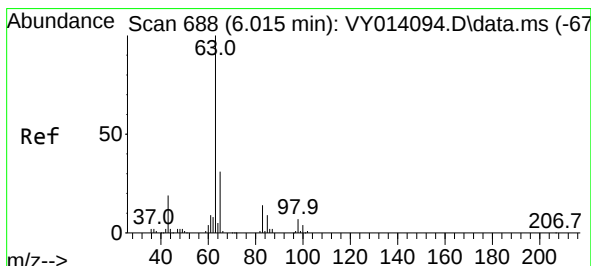
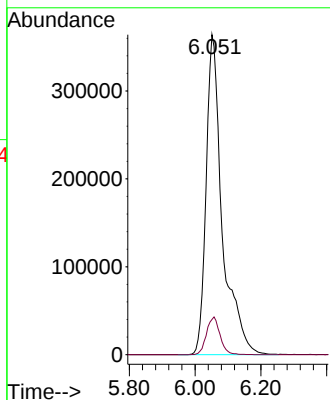
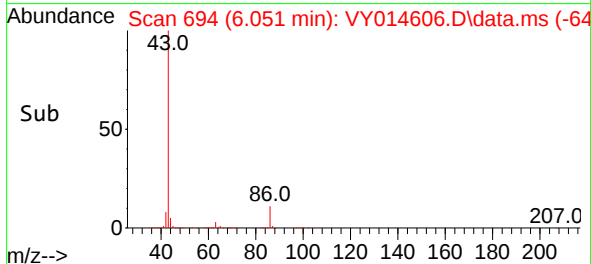
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC



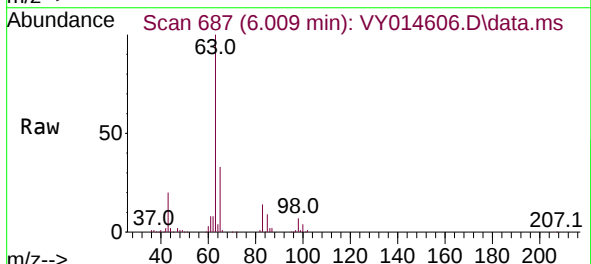
Tgt Ion: 43 Resp: 124641
 Ion Ratio Lower Upper
 43 100
 86 11.0 7.5 11.3

Manual Integrations
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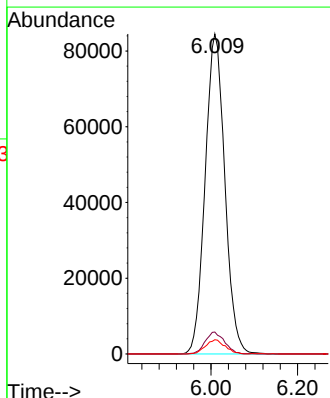
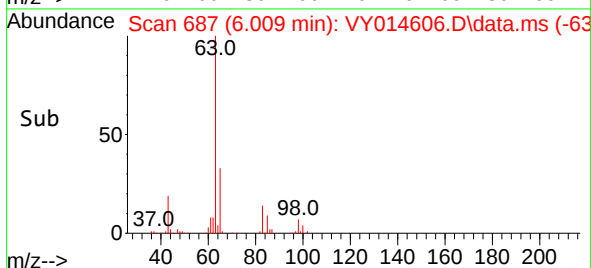
Reviewed By :John Carlone 07/10/2023
 Supervised By :Semsettin Yesilyurt 07/10/2023



#24
 1,1-Dichloroethane
 Concen: 47.063 ug/l
 RT: 6.009 min Scan# 687
 Delta R.T. -0.006 min
 Lab File: VY014606.D
 Acq: 07 Jul 2023 19:17



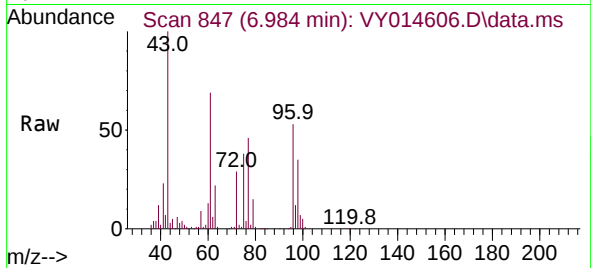
Tgt Ion: 63 Resp: 266547
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.1 9.4
 100 4.5 1.8 5.5





#25
2-Butanone
Concen: 226.632 ug/l
RT: 6.984 min Scan# 84
Delta R.T. -0.006 min
Lab File: VY014606.D
Acq: 07 Jul 2023 19:17

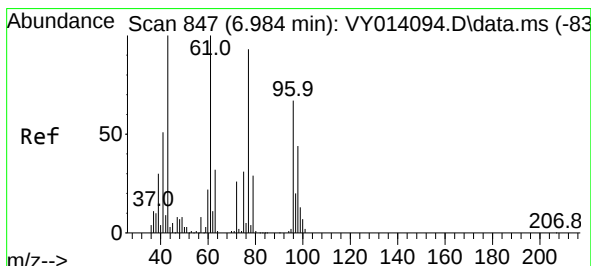
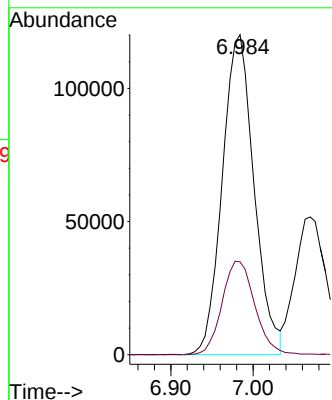
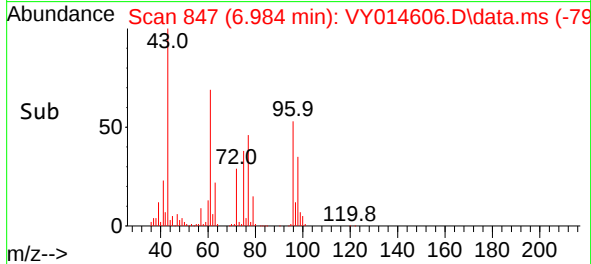
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



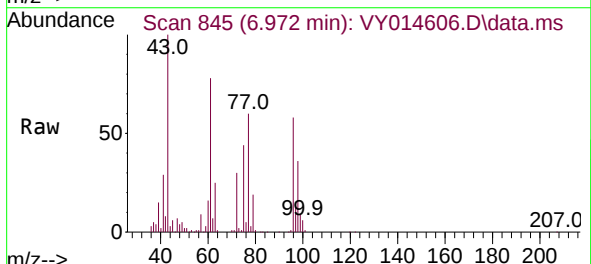
Tgt Ion: 43 Resp: 32286
Ion Ratio Lower Upper
43 100
72 29.0 20.5 30.7

Manual Integrations
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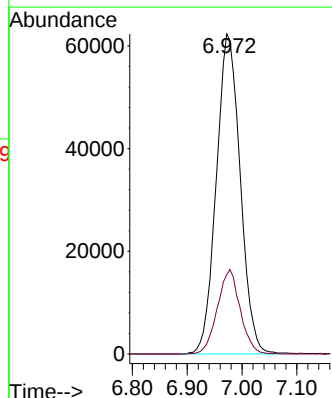
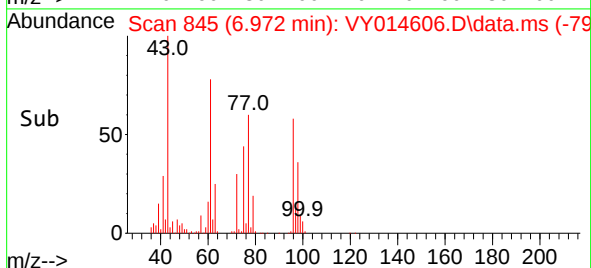
Reviewed By :John Carlone 07/10/2023
Supervised By :Semsettin Yesilyurt 07/10/2023

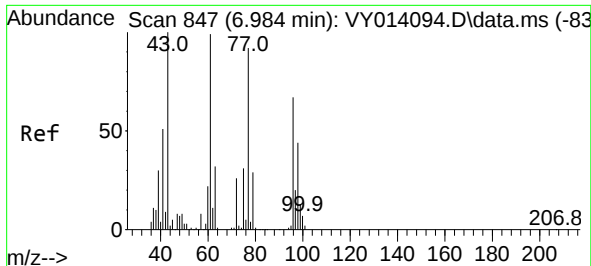


#26
2,2-Dichloropropane
Concen: 39.184 ug/l
RT: 6.972 min Scan# 845
Delta R.T. -0.012 min
Lab File: VY014606.D
Acq: 07 Jul 2023 19:17



Tgt Ion: 77 Resp: 189156
Ion Ratio Lower Upper
77 100
97 25.1 10.9 32.9





#27

cis-1,2-Dichloroethene

Concen: 46.913 ug/l

RT: 6.978 min Scan# 847

Delta R.T. -0.006 min

Lab File: VY014606.D

Acq: 07 Jul 2023 19:17

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 96 Resp: 174980

Ion Ratio Lower Upper

96 100

61 135.2 0.0 301.4

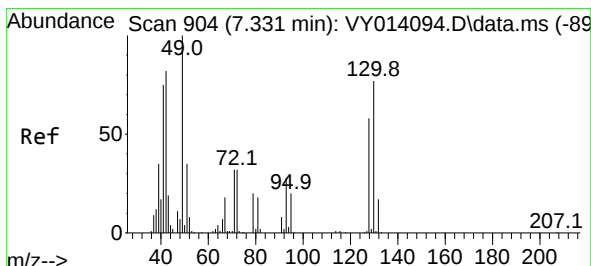
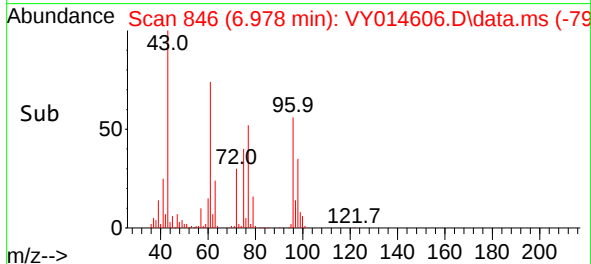
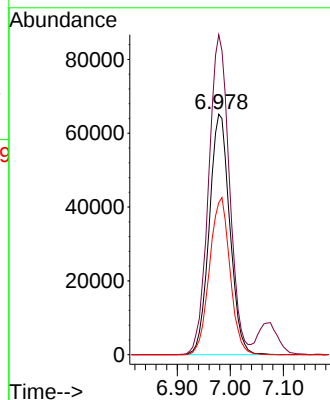
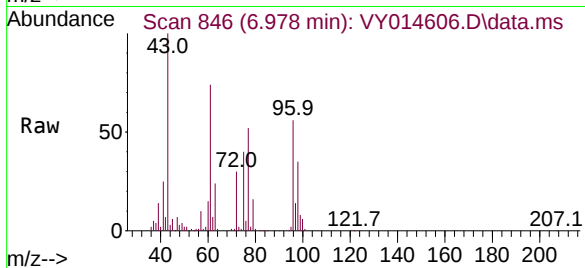
98 65.3 0.0 130.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/10/2023

Supervised By :Semsettin Yesilyurt 07/10/2023



#28

Bromochloromethane

Concen: 50.963 ug/l

RT: 7.332 min Scan# 904

Delta R.T. 0.001 min

Lab File: VY014606.D

Acq: 07 Jul 2023 19:17

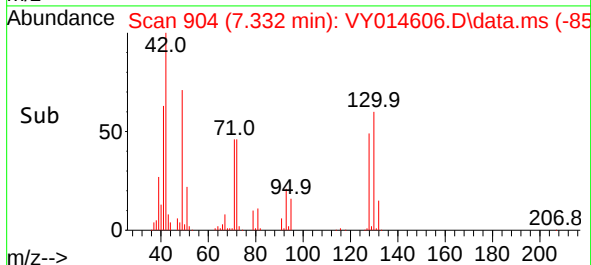
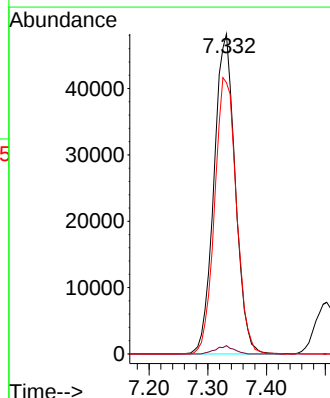
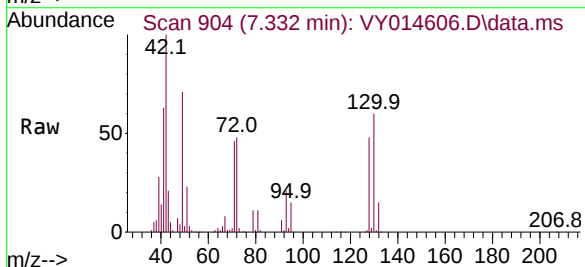
Tgt Ion: 49 Resp: 121200

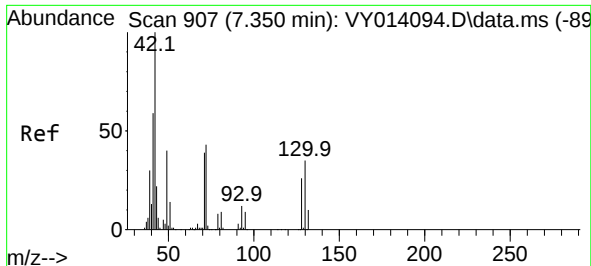
Ion Ratio Lower Upper

49 100

129 2.2 0.0 4.6

130 88.4 60.7 91.1





#29

Tetrahydrofuran

Concen: 242.924 ug/l

RT: 7.344 min Scan# 907

Delta R.T. -0.006 min

Lab File: VY014606.D

Acq: 07 Jul 2023 19:17

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 42 Resp: 223223

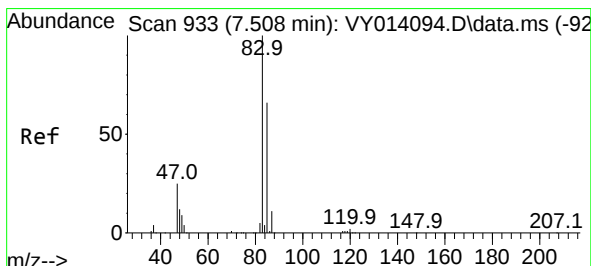
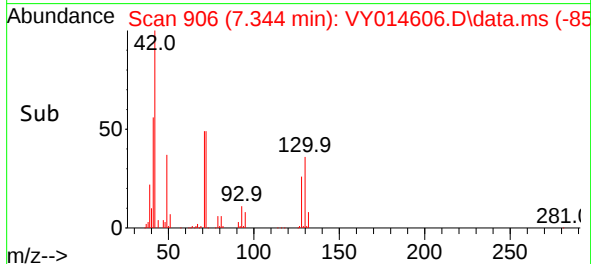
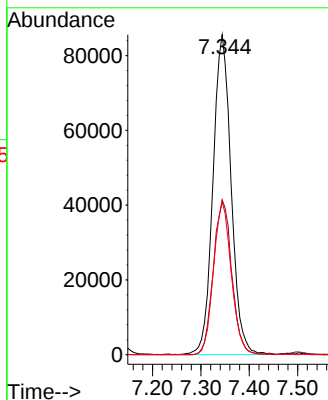
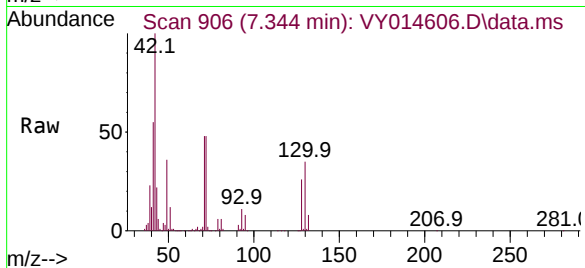
Ion	Ratio	Lower	Upper
42	100		
72	49.0	32.8	49.2
71	46.9	31.0	46.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/10/2023

Supervised By :Semsettin Yesilyurt 07/10/2023



#30

Chloroform

Concen: 47.778 ug/l

RT: 7.502 min Scan# 932

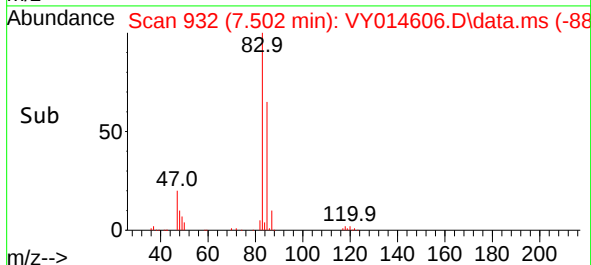
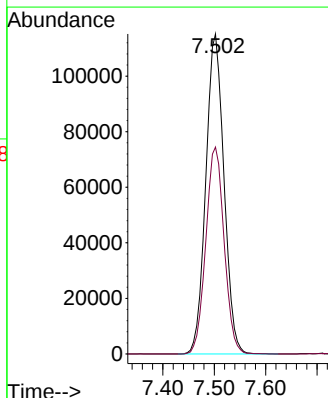
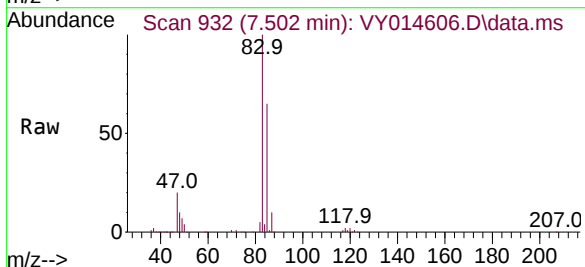
Delta R.T. -0.006 min

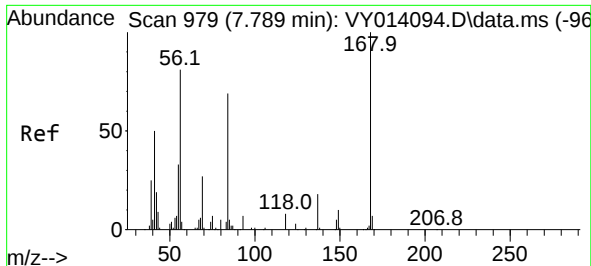
Lab File: VY014606.D

Acq: 07 Jul 2023 19:17

Tgt Ion: 83 Resp: 282276

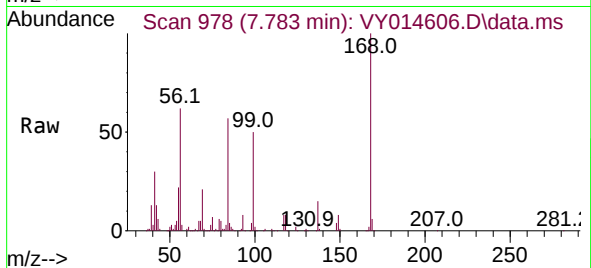
Ion	Ratio	Lower	Upper
83	100		
85	64.7	49.7	74.5





#31
Cyclohexane
Concen: 43.640 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY014606.D
Acq: 07 Jul 2023 19:17

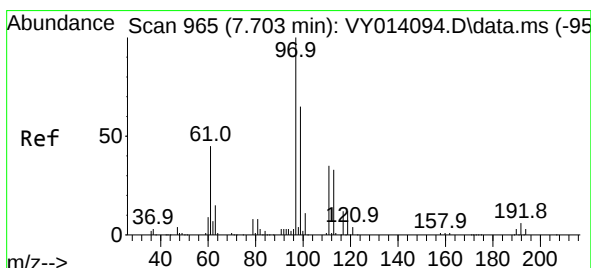
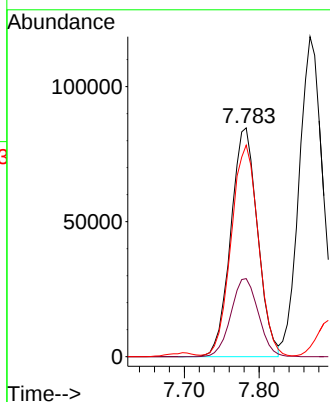
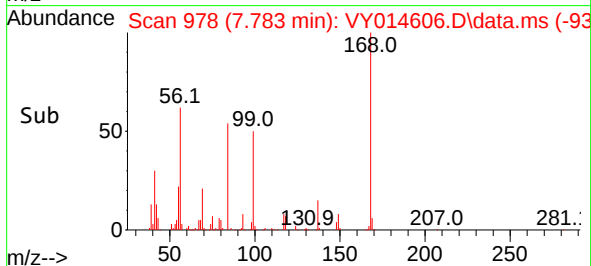
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



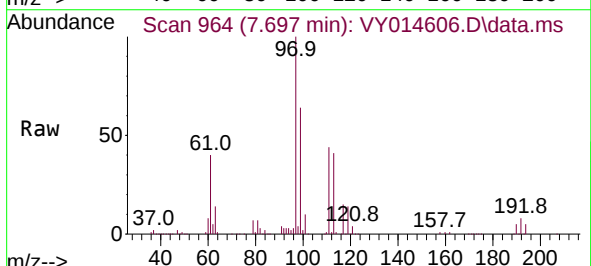
Tgt Ion: 56 Resp: 21093
Ion Ratio Lower Upper
56 100
69 34.1 27.8 41.6
84 91.1 66.4 99.6

Manual Integrations
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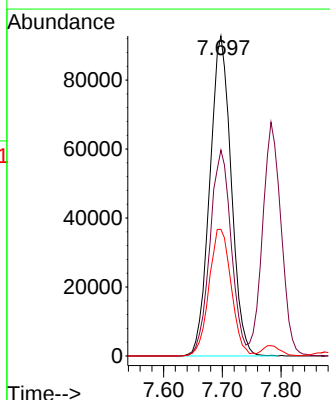
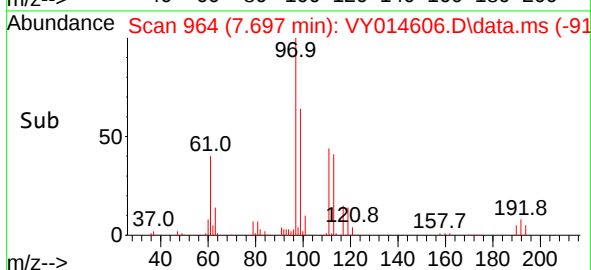
Reviewed By :John Carlone 07/10/2023
Supervised By :Semsettin Yesilyurt 07/10/2023

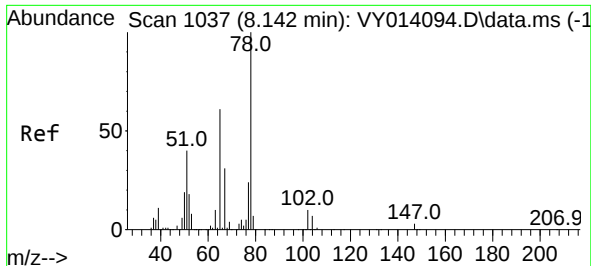


#32
1,1,1-Trichloroethane
Concen: 46.457 ug/l
RT: 7.697 min Scan# 964
Delta R.T. -0.006 min
Lab File: VY014606.D
Acq: 07 Jul 2023 19:17



Tgt Ion: 97 Resp: 234609
Ion Ratio Lower Upper
97 100
99 63.9 50.8 76.2
61 41.2 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 50.011 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. -0.006 min

Lab File: VY014606.D

Acq: 07 Jul 2023 19:17

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 154078

Ion Ratio Lower Upper

65 100

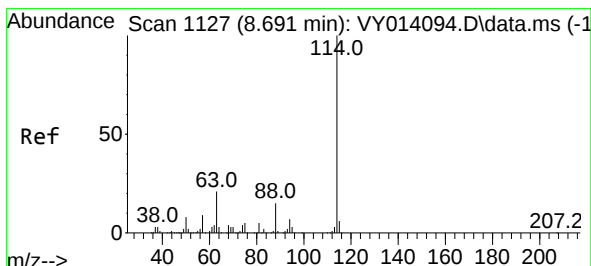
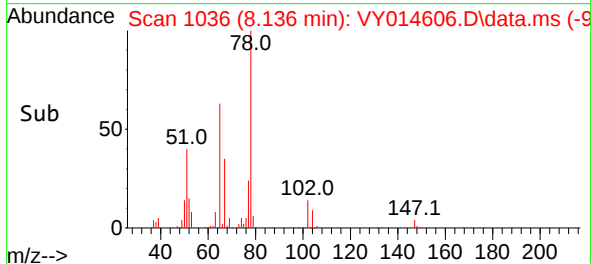
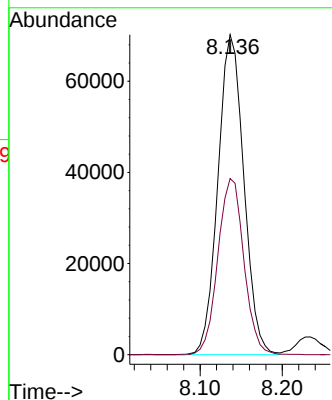
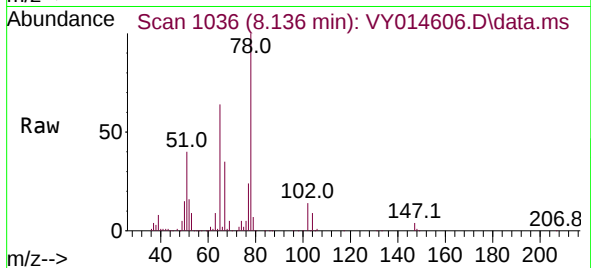
67 55.2 0.0 101.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/10/2023

Supervised By :Semsettin Yesilyurt 07/10/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY014606.D

Acq: 07 Jul 2023 19:17

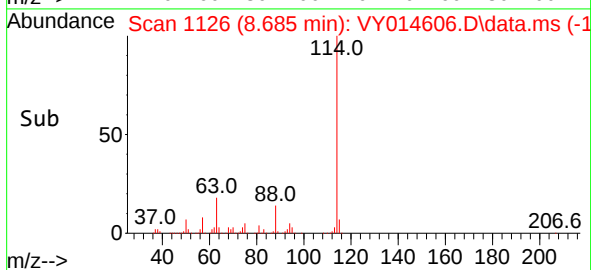
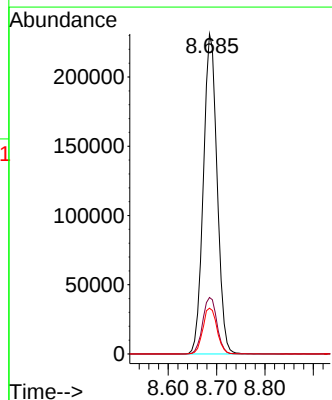
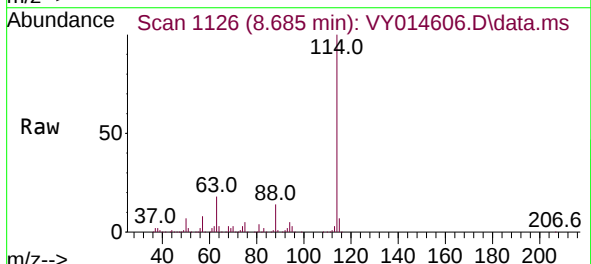
Tgt Ion:114 Resp: 456063

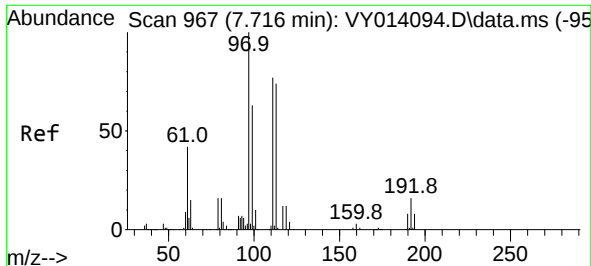
Ion Ratio Lower Upper

114 100

63 17.7 0.0 42.4

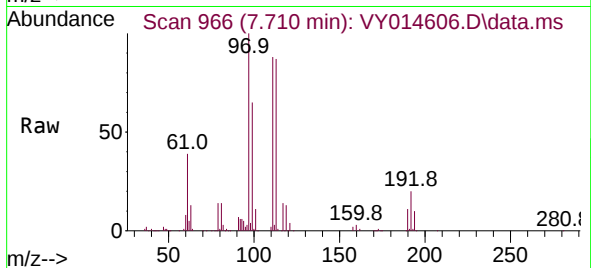
88 14.3 0.0 30.6





#35
Dibromofluoromethane
Concen: 52.359 ug/l
RT: 7.710 min Scan# 901
Delta R.T. -0.006 min
Lab File: VY014606.D
Acq: 07 Jul 2023 19:17

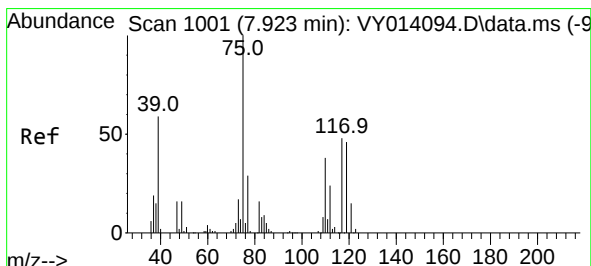
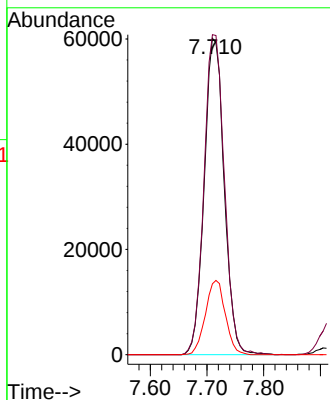
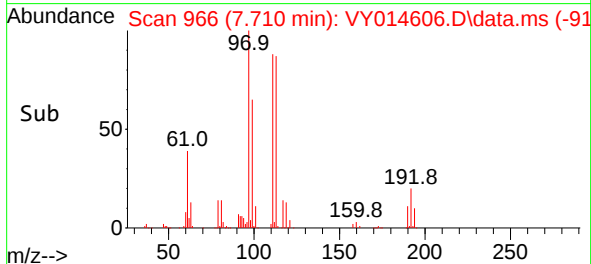
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion:113 Resp: 147050
Ion Ratio Lower Upper
113 100
111 103.2 81.3 121.9
192 23.4 16.9 25.3

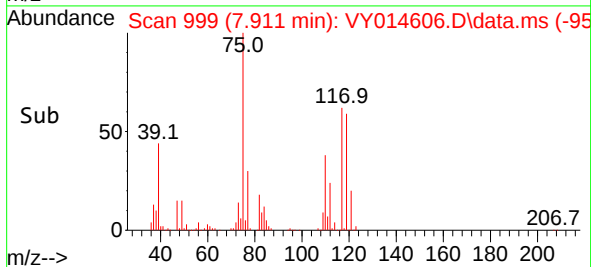
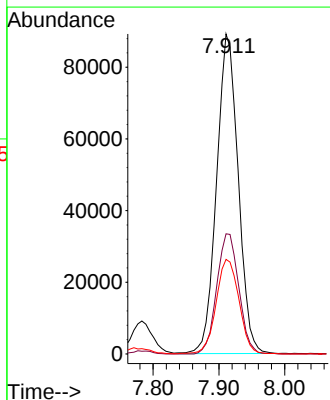
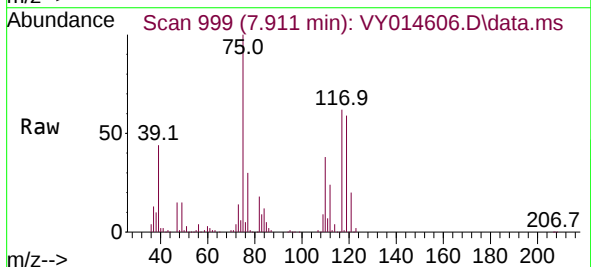
Manual Integrations
APPROVED

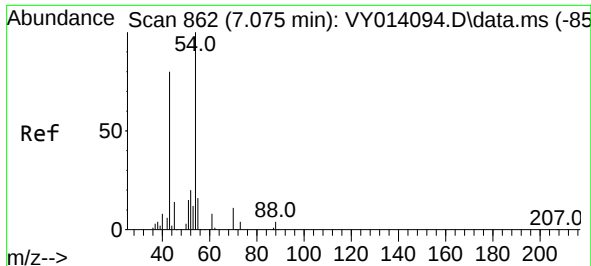
Reviewed By :John Carlone 07/10/2023
Supervised By :Semsettin Yesilyurt 07/10/2023



#36
1,1-Dichloropropene
Concen: 47.403 ug/l
RT: 7.911 min Scan# 999
Delta R.T. -0.012 min
Lab File: VY014606.D
Acq: 07 Jul 2023 19:17

Tgt Ion: 75 Resp: 203874
Ion Ratio Lower Upper
75 100
110 38.4 17.8 53.5
77 31.4 24.4 36.6





#37

Ethyl Acetate

Concen: 48.342 ug/l

RT: 7.070 min Scan# 80

Delta R.T. -0.005 min

Lab File: VY014606.D

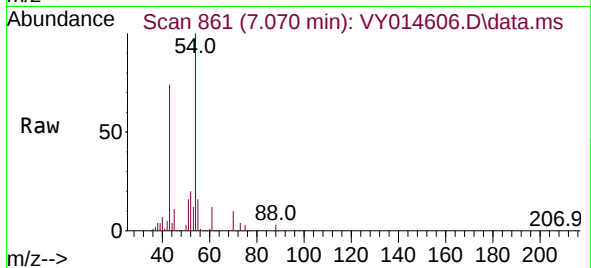
Acq: 07 Jul 2023 19:17

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC



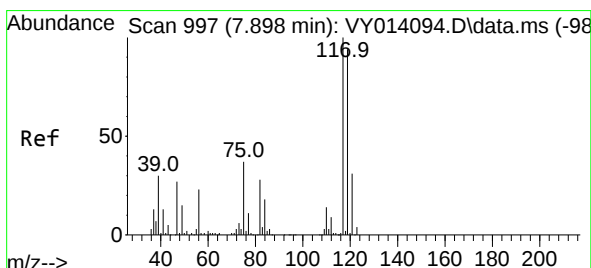
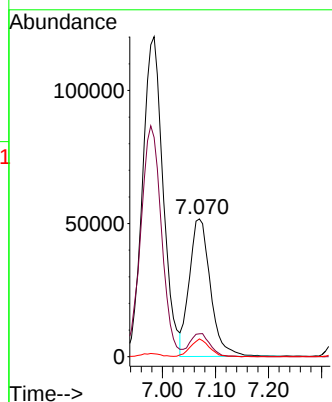
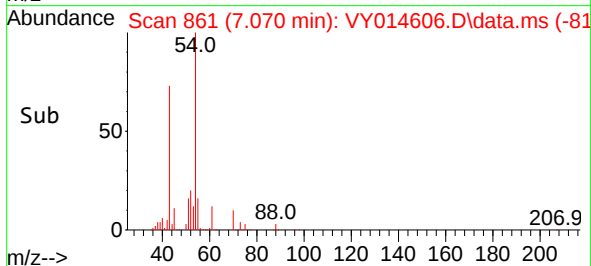
Tgt Ion:	43	Resp:	14258
Ion	Ratio	Lower	Upper
43	100		
61	15.9	10.1	15.1
70	11.6	7.1	10.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/10/2023

Supervised By :Semsettin Yesilyurt 07/10/2023



#38

Carbon Tetrachloride

Concen: 47.509 ug/l

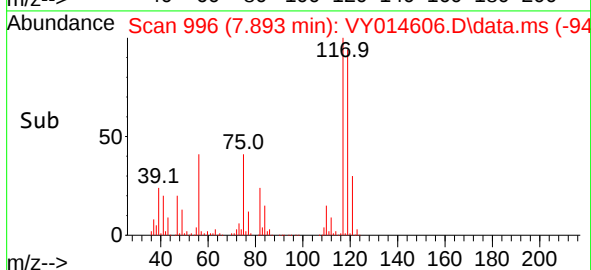
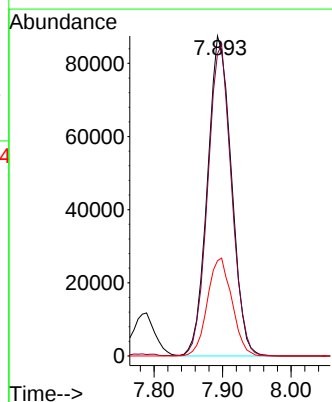
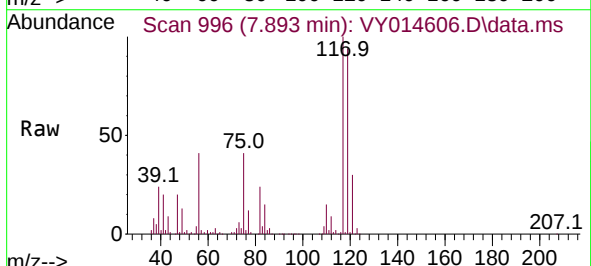
RT: 7.893 min Scan# 996

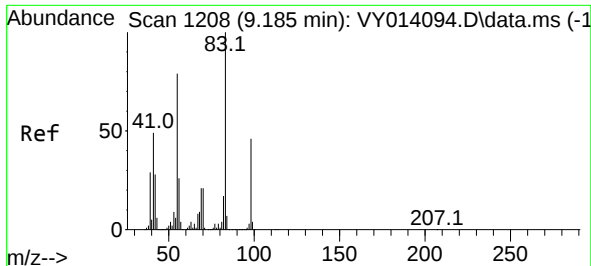
Delta R.T. -0.005 min

Lab File: VY014606.D

Acq: 07 Jul 2023 19:17

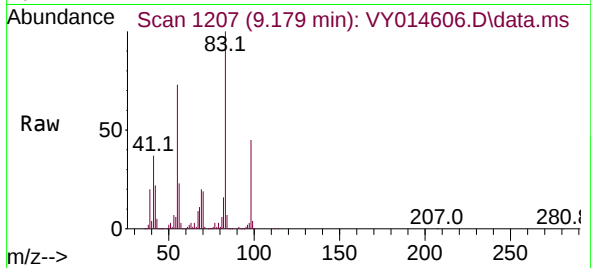
Tgt Ion:	117	Resp:	213304
Ion	Ratio	Lower	Upper
117	100		
119	94.4	76.4	114.6
121	29.8	25.8	38.6





#39
Methylcyclohexane
Concen: 47.056 ug/l
RT: 9.179 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY014606.D
Acq: 07 Jul 2023 19:17

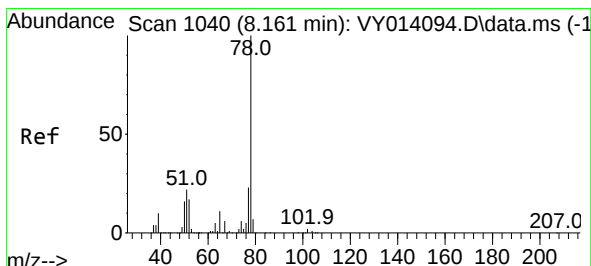
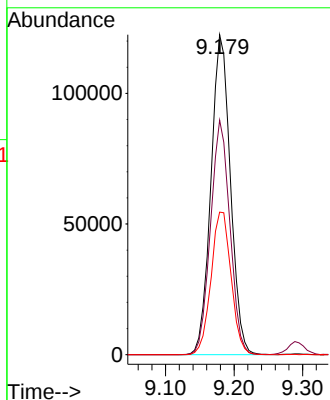
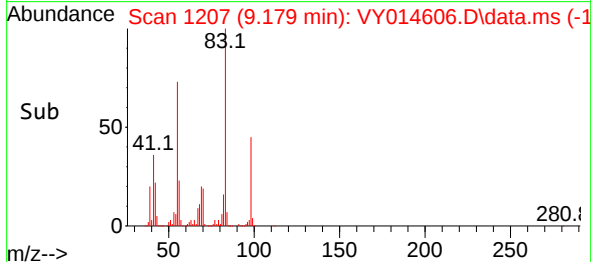
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 241904
Ion Ratio Lower Upper
83 100
55 73.3 63.0 94.4
98 44.5 37.4 56.2

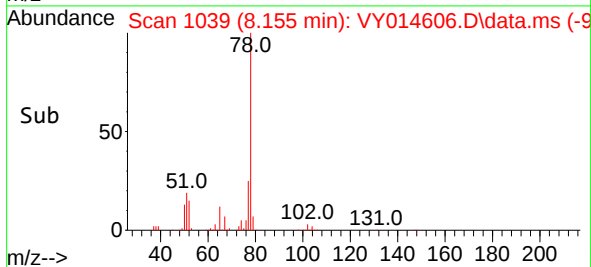
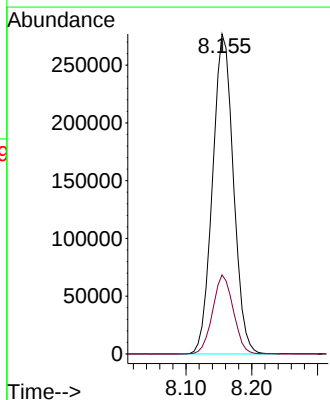
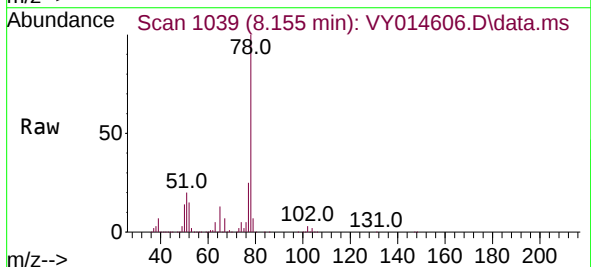
Manual Integrations
APPROVED

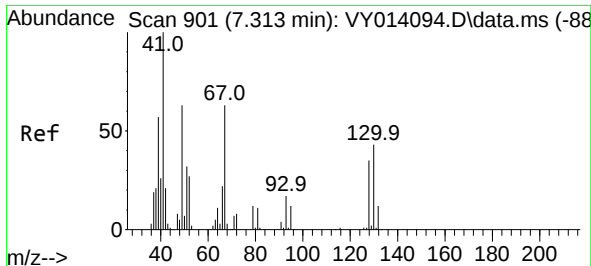
Reviewed By :John Carlone 07/10/2023
Supervised By :Semsettin Yesilyurt 07/10/2023



#40
Benzene
Concen: 46.972 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. -0.006 min
Lab File: VY014606.D
Acq: 07 Jul 2023 19:17

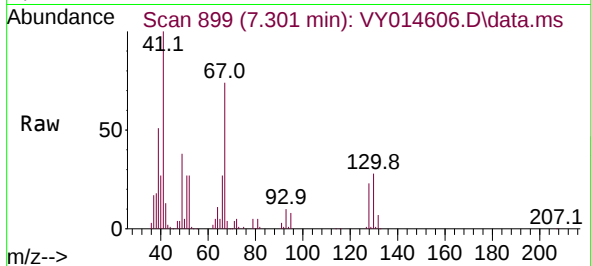
Tgt Ion: 78 Resp: 611524
Ion Ratio Lower Upper
78 100
77 24.7 19.0 28.6





#41
Methacrylonitrile
Concen: 45.530 ug/l m
RT: 7.301 min Scan# 899
Delta R.T. -0.012 min
Lab File: VY014606.D
Acq: 07 Jul 2023 19:17

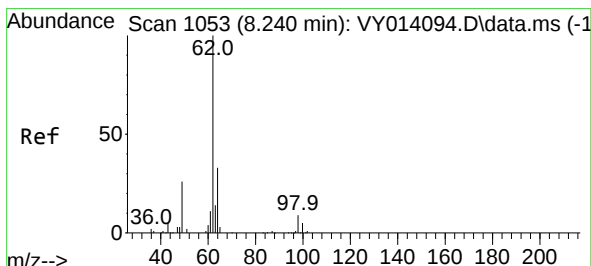
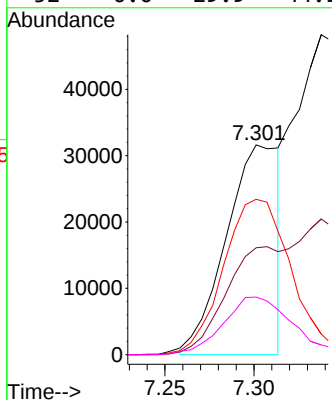
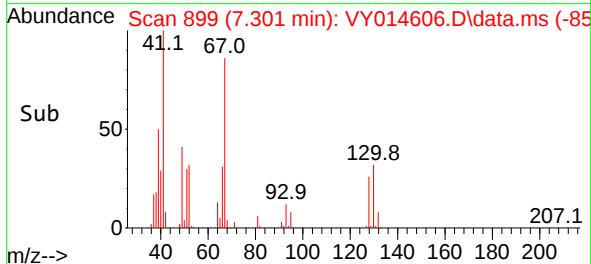
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 41 Resp: 6560
Ion Ratio Lower Upper
41 100
39 0.0 52.1 78.1
67 0.0 66.2 99.2
52 0.0 29.9 44.9

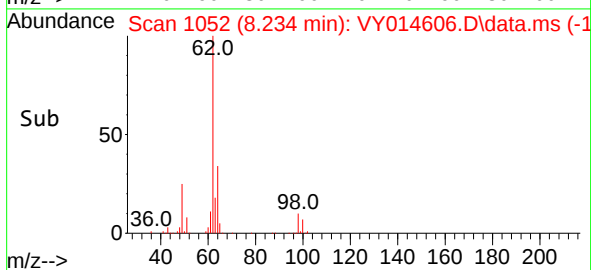
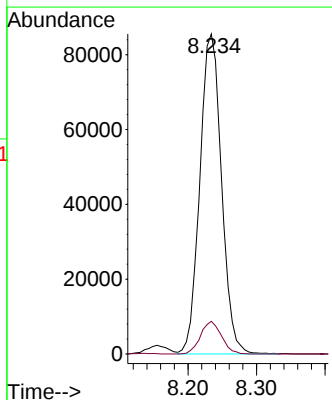
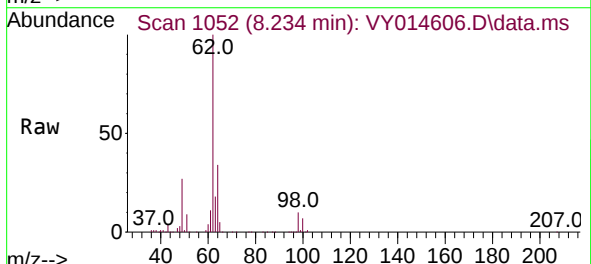
Manual Integrations
APPROVED

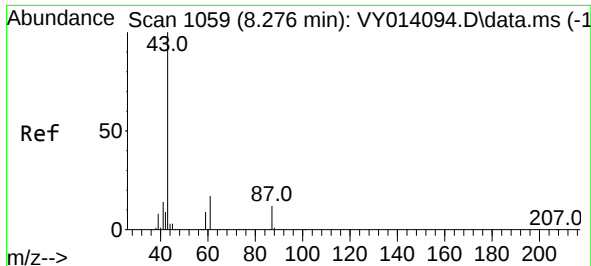
Reviewed By :John Carlone 07/10/2023
Supervised By :Semsettin Yesilyurt 07/10/2023



#42
1,2-Dichloroethane
Concen: 49.215 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. -0.006 min
Lab File: VY014606.D
Acq: 07 Jul 2023 19:17

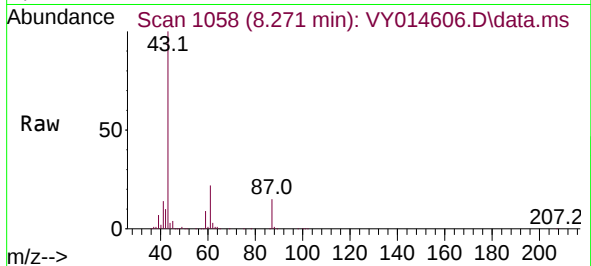
Tgt Ion: 62 Resp: 188327
Ion Ratio Lower Upper
62 100
98 9.8 0.0 15.8





#43
Isopropyl Acetate
Concen: 48.047 ug/l
RT: 8.271 min Scan# 1058
Delta R.T. -0.005 min
Lab File: VY014606.D
Acq: 07 Jul 2023 19:17

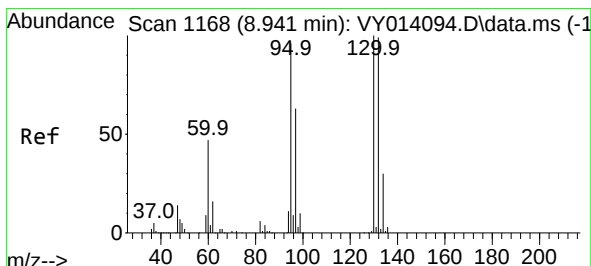
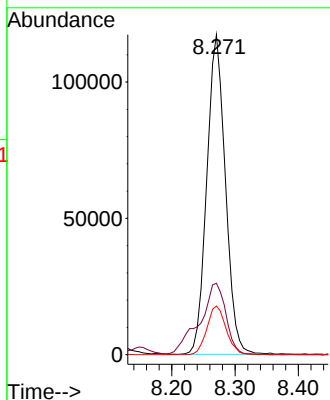
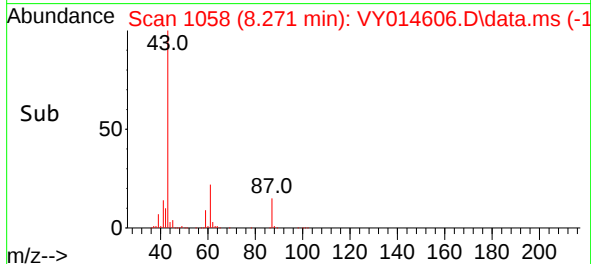
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 240162
Ion Ratio Lower Upper
43 100
61 31.6 21.1 31.7
87 15.7 9.8 14.8

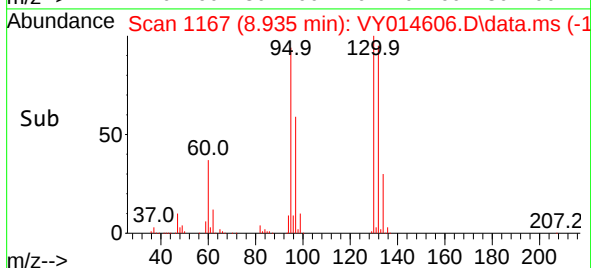
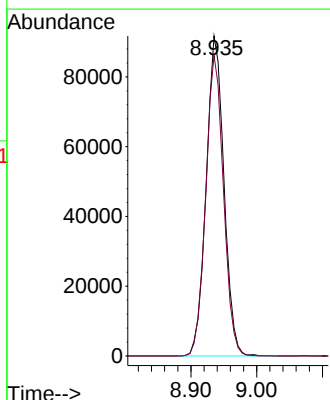
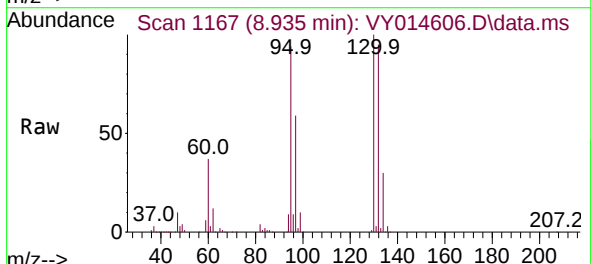
Manual Integrations
APPROVED

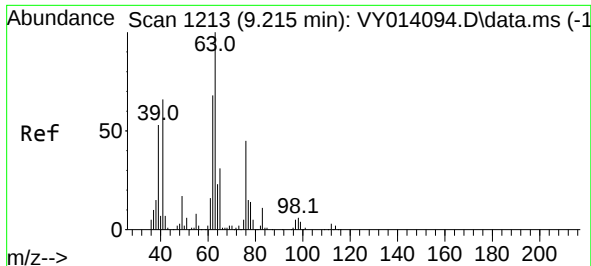
Reviewed By :John Carlone 07/10/2023
Supervised By :Semsettin Yesilyurt 07/10/2023



#44
Trichloroethene
Concen: 47.573 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. -0.006 min
Lab File: VY014606.D
Acq: 07 Jul 2023 19:17

Tgt Ion:130 Resp: 172666
Ion Ratio Lower Upper
130 100
95 93.9 0.0 196.0





#45

1,2-Dichloropropane

Concen: 48.768 ug/l

RT: 9.209 min Scan# 1212

Delta R.T. -0.006 min

Lab File: VY014606.D

Acq: 07 Jul 2023 19:17

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 162870

Ion Ratio Lower Upper

63 100

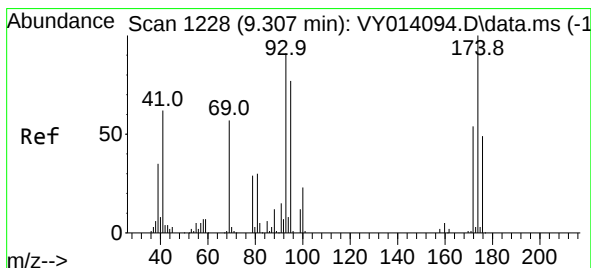
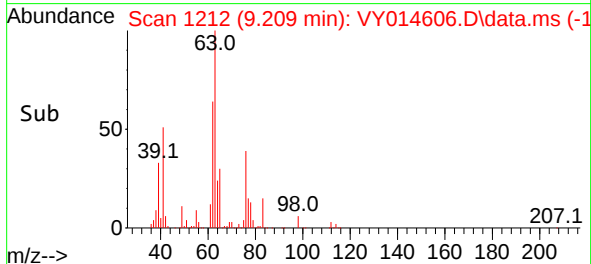
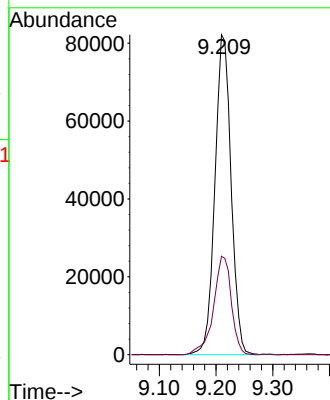
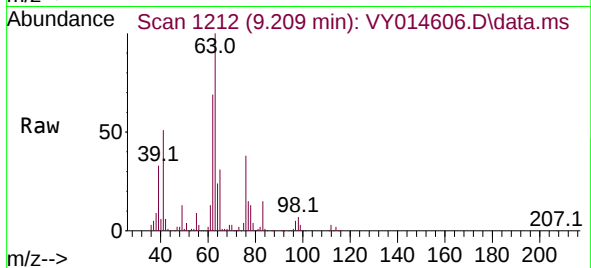
65 30.8 23.8 35.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/10/2023

Supervised By :Semsettin Yesilyurt 07/10/2023



#46

Dibromomethane

Concen: 50.570 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. -0.006 min

Lab File: VY014606.D

Acq: 07 Jul 2023 19:17

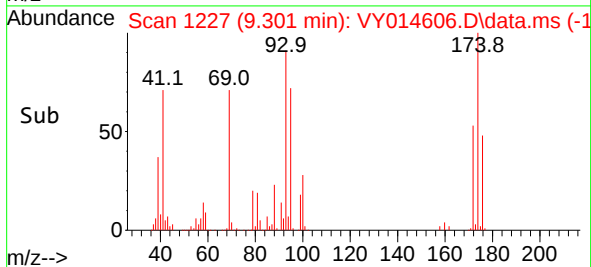
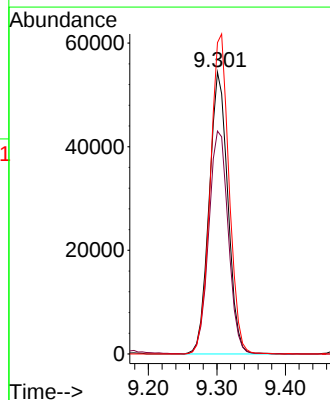
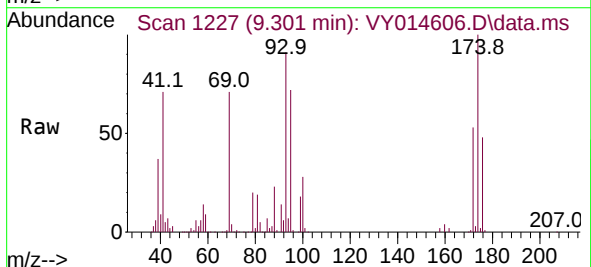
Tgt Ion: 93 Resp: 102822

Ion Ratio Lower Upper

93 100

95 82.5 66.6 100.0

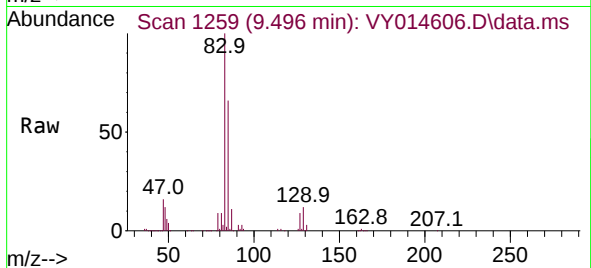
174 113.8 84.8 127.2





#47
Bromodichloromethane
Concen: 49.783 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VY014606.D
Acq: 07 Jul 2023 19:17

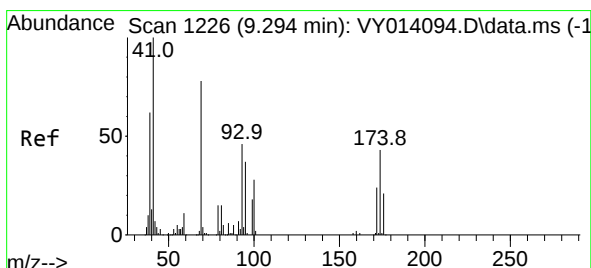
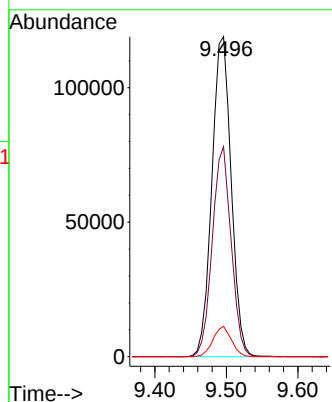
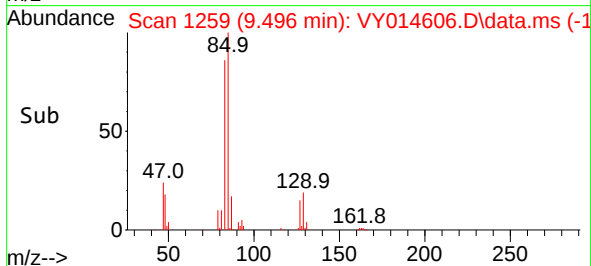
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 223025
Ion Ratio Lower Upper
83 100
85 65.6 50.1 75.1
127 9.5 7.1 10.7

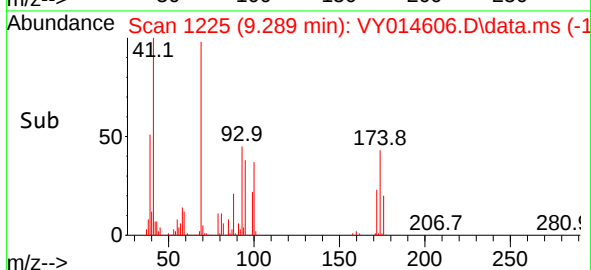
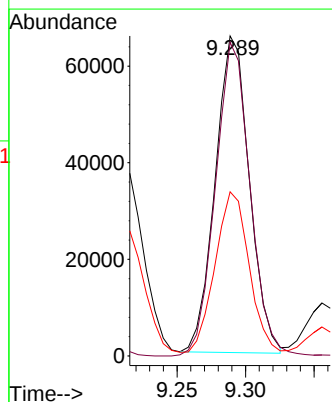
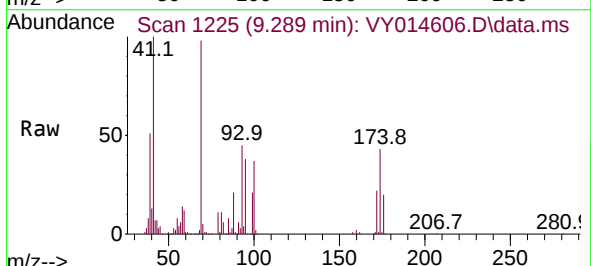
Manual Integrations
APPROVED

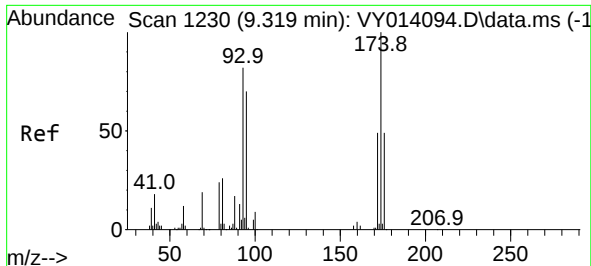
Reviewed By :John Carlone 07/10/2023
Supervised By :Semsettin Yesilyurt 07/10/2023



#48
Methyl methacrylate
Concen: 49.972 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. -0.005 min
Lab File: VY014606.D
Acq: 07 Jul 2023 19:17

Tgt Ion: 41 Resp: 113589
Ion Ratio Lower Upper
41 100
69 100.5 64.5 96.7#
39 50.6 50.8 76.2#





#49

1,4-Dioxane

Concen: 969.339 ug/l

RT: 9.295 min Scan# 1226

Delta R.T. -0.024 min

Lab File: VY014606.D

Acq: 07 Jul 2023 19:17

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

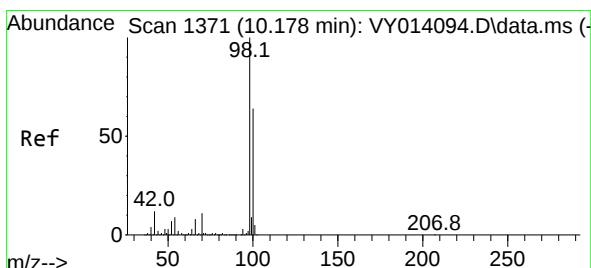
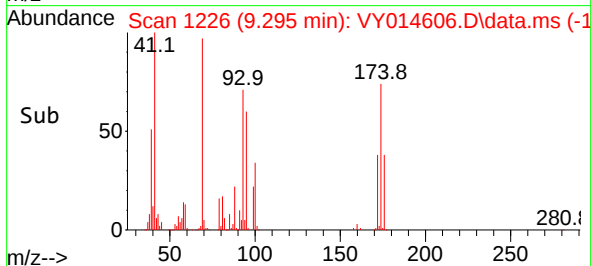
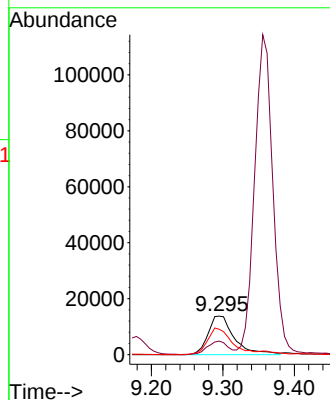
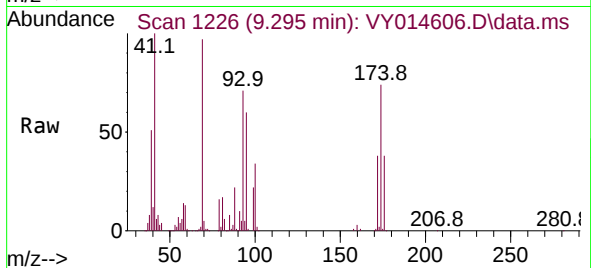
Tgt Ion: 88 Resp: 35194
 Ion Ratio Lower Upper
 88 100
 43 28.1 0.0 0.0
 58 64.3 30.9 46.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/10/2023

Supervised By :Semsettin Yesilyurt 07/10/2023



#50

Toluene-d8

Concen: 50.398 ug/l

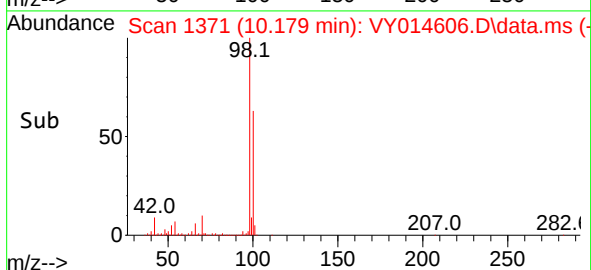
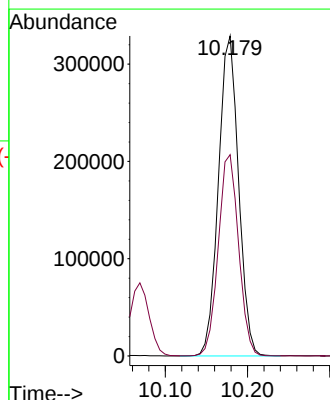
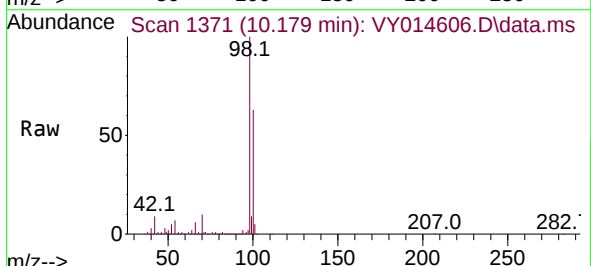
RT: 10.179 min Scan# 1371

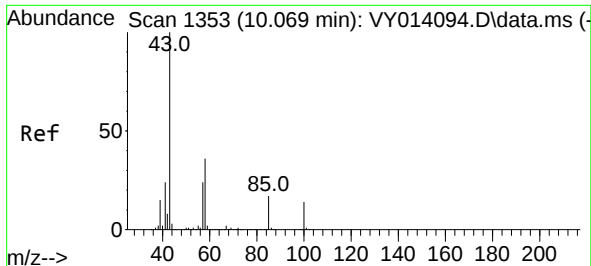
Delta R.T. 0.001 min

Lab File: VY014606.D

Acq: 07 Jul 2023 19:17

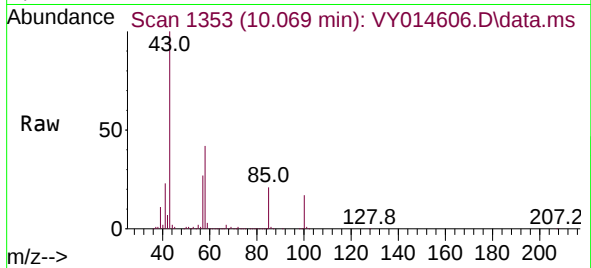
Tgt Ion: 98 Resp: 559527
 Ion Ratio Lower Upper
 98 100
 100 63.4 50.1 75.1





#51
4-Methyl-2-Pentanone
Concen: 247.673 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. -0.000 min
Lab File: VY014606.D
Acq: 07 Jul 2023 19:17

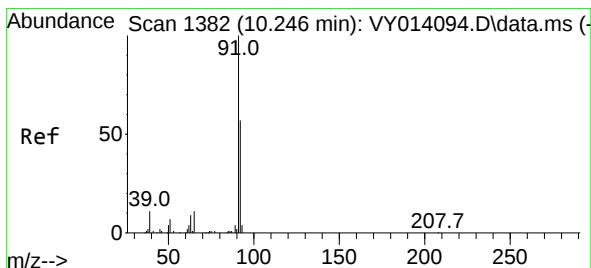
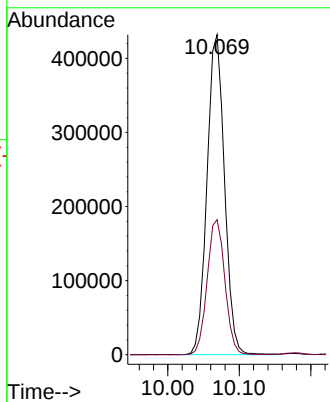
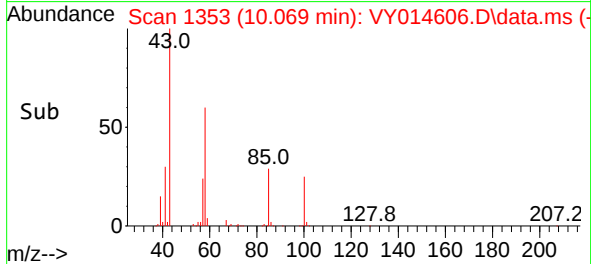
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 732925
Ion Ratio Lower Upper
43 100
58 42.9 29.0 43.6

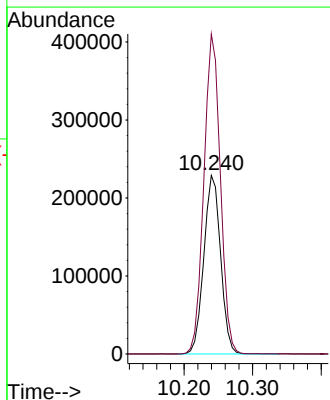
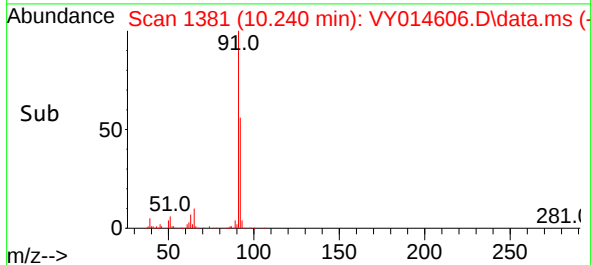
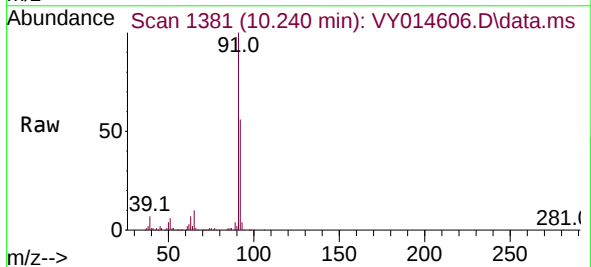
Manual Integrations
APPROVED

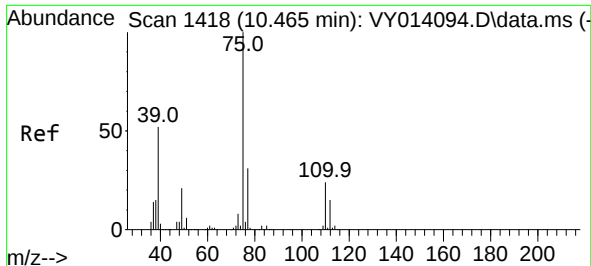
Reviewed By :John Carlone 07/10/2023
Supervised By :Semsettin Yesilyurt 07/10/2023



#52
Toluene
Concen: 47.601 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. -0.006 min
Lab File: VY014606.D
Acq: 07 Jul 2023 19:17

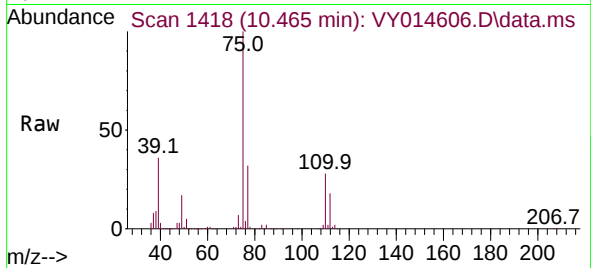
Tgt Ion: 92 Resp: 389979
Ion Ratio Lower Upper
92 100
91 176.5 143.8 215.6





#53
t-1,3-Dichloropropene
Concen: 47.280 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VY014606.D
Acq: 07 Jul 2023 19:17

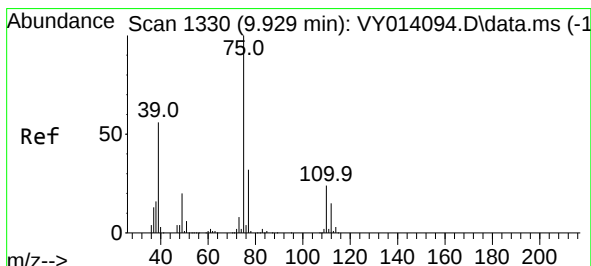
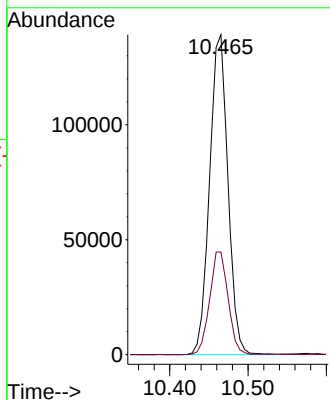
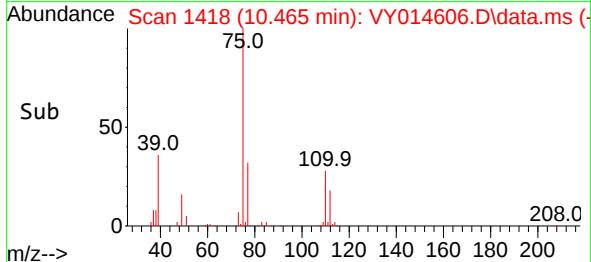
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 226500
Ion Ratio Lower Upper
75 100
77 32.1 25.0 37.4

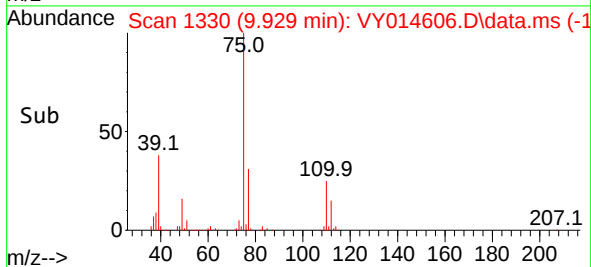
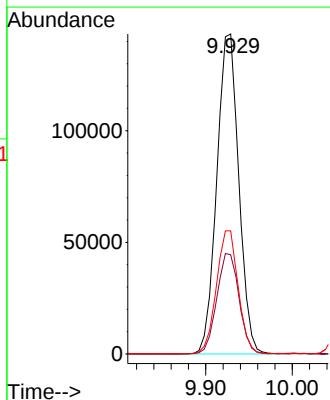
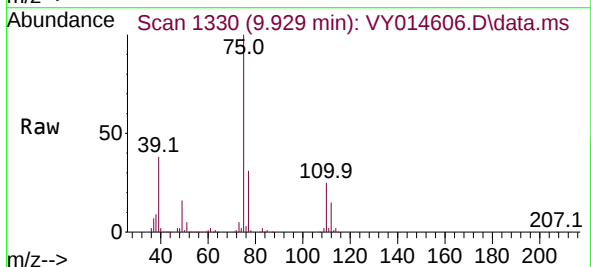
Manual Integrations
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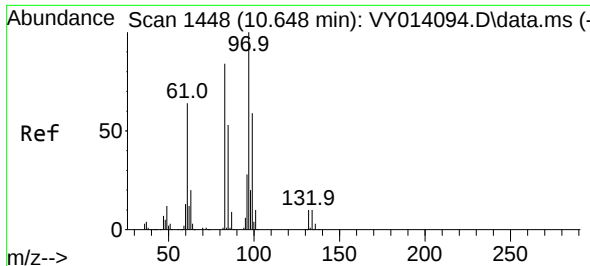
Reviewed By :John Carlone 07/10/2023
Supervised By :Semsettin Yesilyurt 07/10/2023



#54
cis-1,3-Dichloropropene
Concen: 47.245 ug/l
RT: 9.929 min Scan# 1330
Delta R.T. -0.000 min
Lab File: VY014606.D
Acq: 07 Jul 2023 19:17

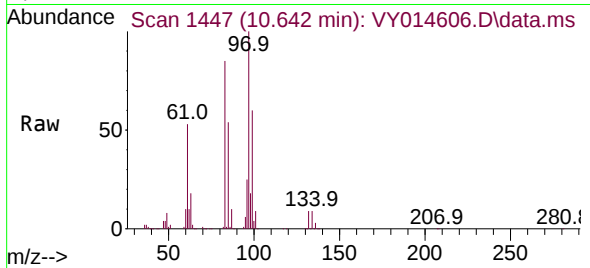
Tgt Ion: 75 Resp: 252532
Ion Ratio Lower Upper
75 100
77 31.0 24.2 36.4
39 38.5 42.2 63.4#





#55
1,1,2-Trichloroethane
Concen: 49.617 ug/l
RT: 10.642 min Scan# 1448
Delta R.T. -0.006 min
Lab File: VY014606.D
Acq: 07 Jul 2023 19:17

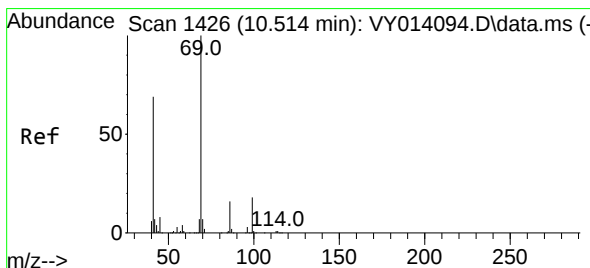
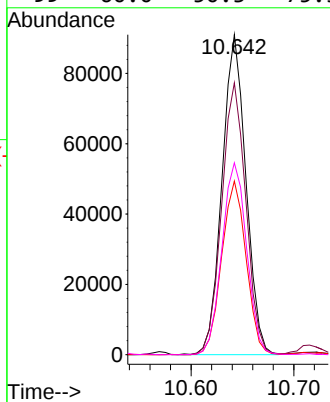
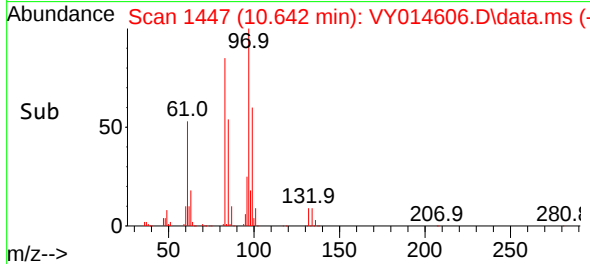
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 97 Resp: 146794
Ion Ratio Lower Upper
97 100
83 84.9 72.0 108.0
85 54.2 45.4 68.0
99 60.0 50.3 75.5

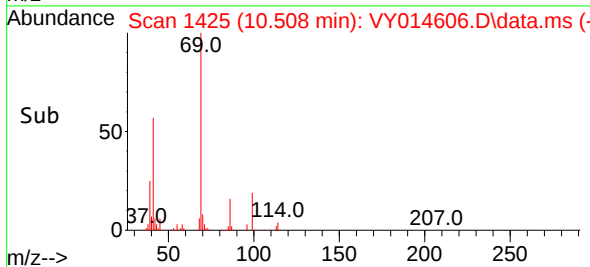
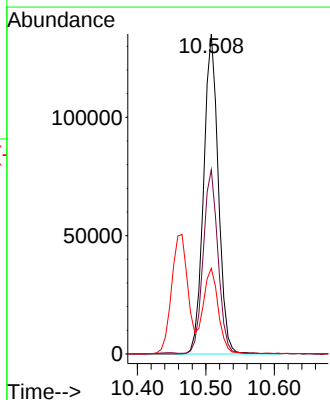
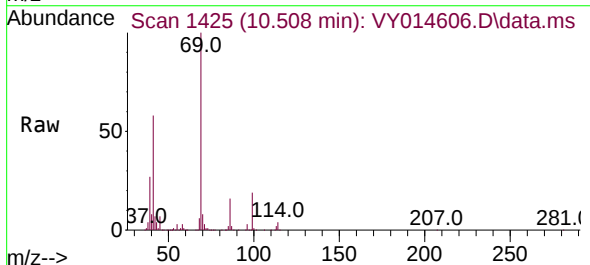
Manual Integrations
APPROVED

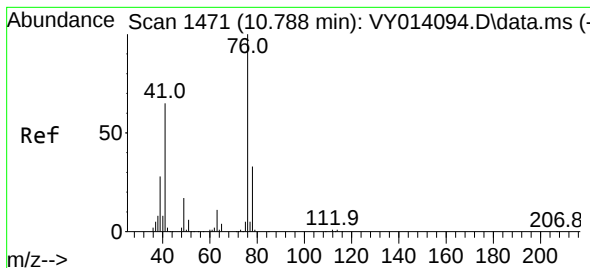
Reviewed By :John Carlone 07/10/2023
Supervised By :Semsettin Yesilyurt 07/10/2023



#56
Ethyl methacrylate
Concen: 50.170 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. -0.006 min
Lab File: VY014606.D
Acq: 07 Jul 2023 19:17

Tgt Ion: 69 Resp: 201912
Ion Ratio Lower Upper
69 100
41 57.7 57.6 86.4
39 27.6 34.1 51.1#





#57

1,3-Dichloropropane

Concen: 49.370 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VY014606.D

Acq: 07 Jul 2023 19:17

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 237990

Ion Ratio Lower Upper

76 100

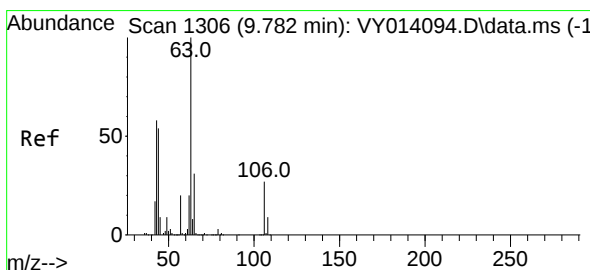
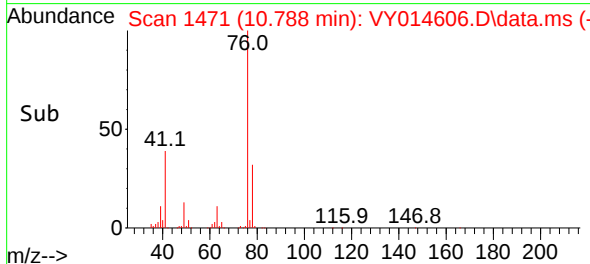
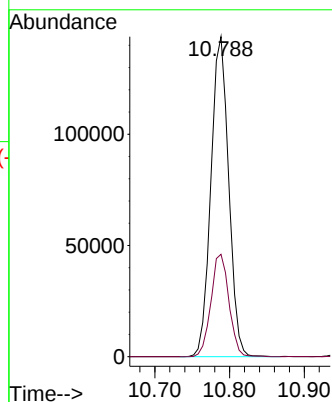
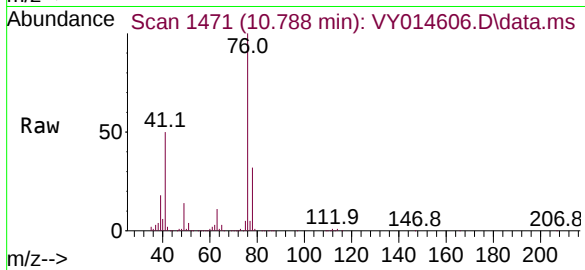
78 32.5 25.3 37.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/10/2023

Supervised By :Semsettin Yesilyurt 07/10/2023



#58

2-Chloroethyl Vinyl ether

Concen: 269.613 ug/l

RT: 9.782 min Scan# 1306

Delta R.T. 0.000 min

Lab File: VY014606.D

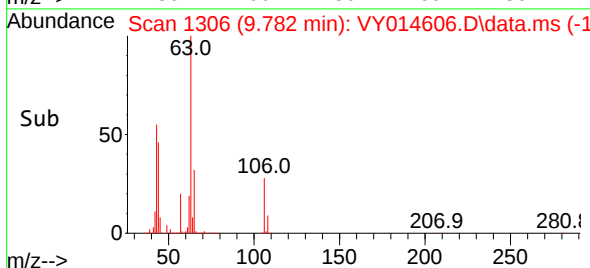
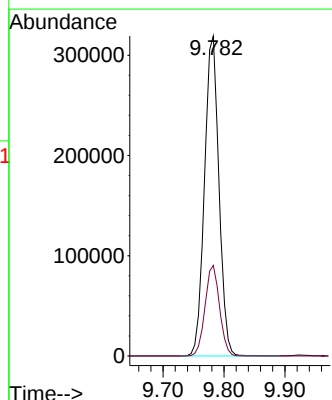
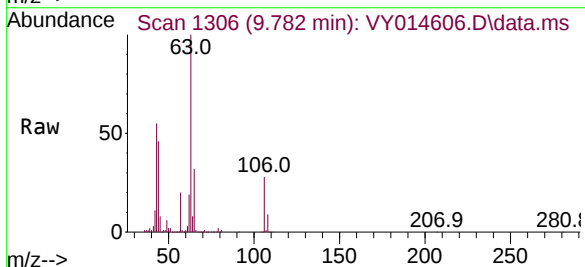
Acq: 07 Jul 2023 19:17

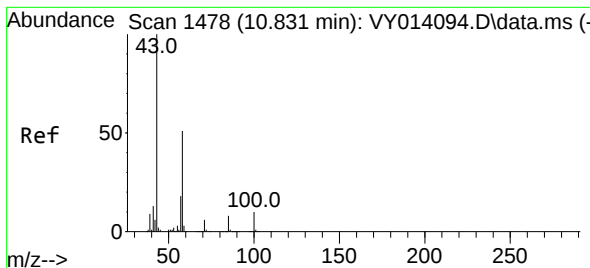
Tgt Ion: 63 Resp: 525661

Ion Ratio Lower Upper

63 100

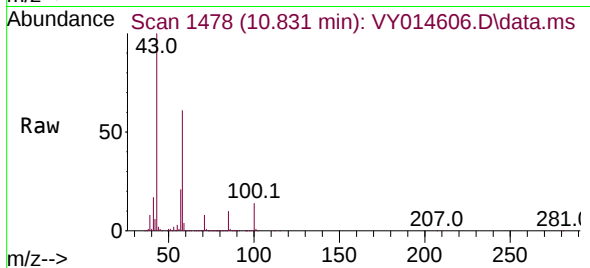
106 28.4 21.2 31.8





#59
2-Hexanone
Concen: 251.390 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY014606.D
Acq: 07 Jul 2023 19:17

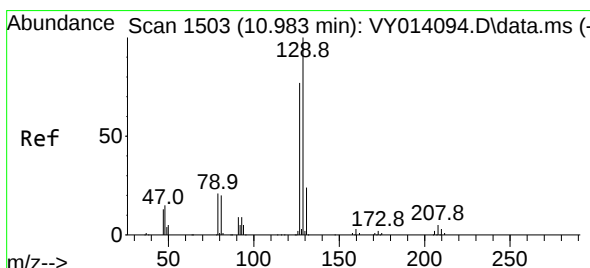
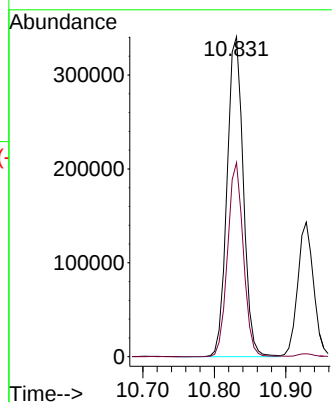
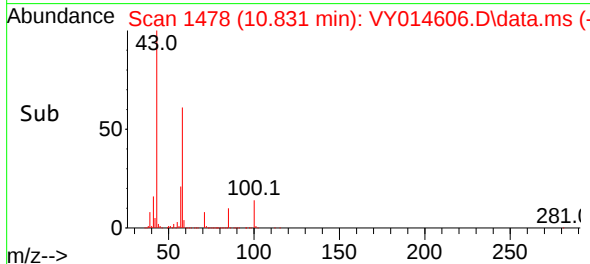
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



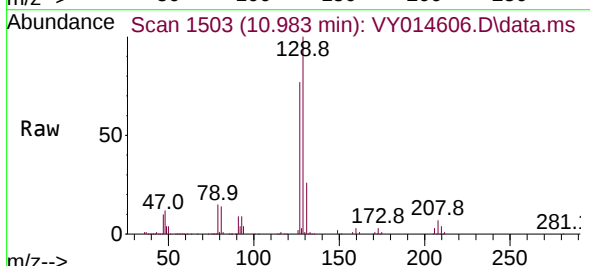
Tgt Ion: 43 Resp: 53738
Ion Ratio Lower Upper
43 100
58 58.8 25.1 75.3

Manual Integrations
APPROVED

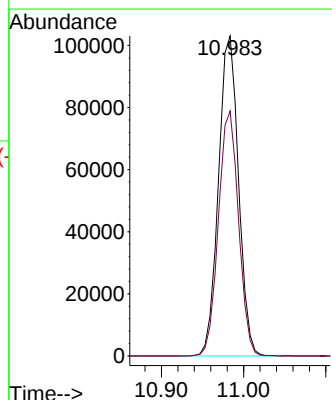
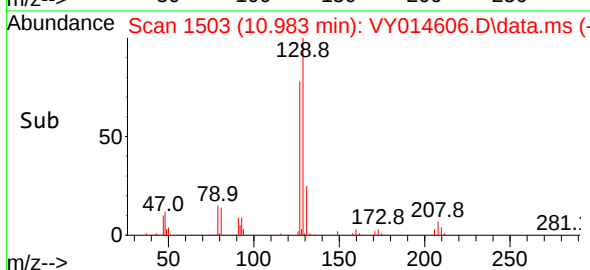
Reviewed By :John Carlone 07/10/2023
Supervised By :Semsettin Yesilyurt 07/10/2023



#60
Dibromochloromethane
Concen: 50.322 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. 0.000 min
Lab File: VY014606.D
Acq: 07 Jul 2023 19:17



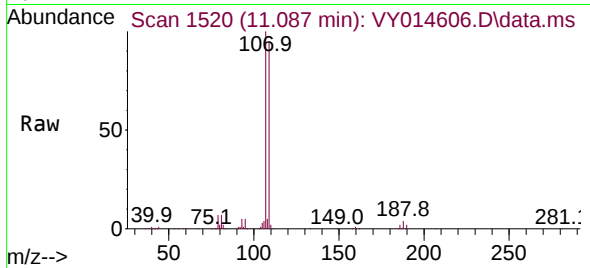
Tgt Ion:129 Resp: 174451
Ion Ratio Lower Upper
129 100
127 76.9 38.5 115.5





#61
1,2-Dibromoethane
Concen: 49.924 ug/l
RT: 11.087 min Scan# 1521
Delta R.T. -0.006 min
Lab File: VY014606.D
Acq: 07 Jul 2023 19:17

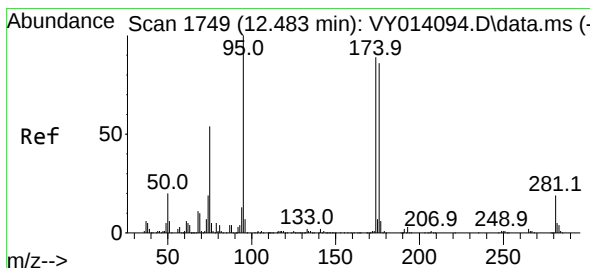
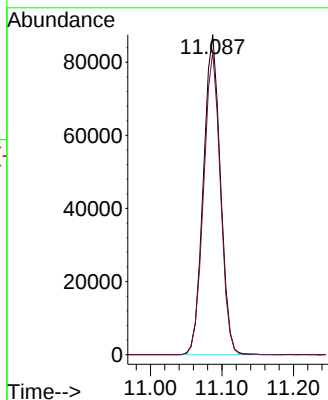
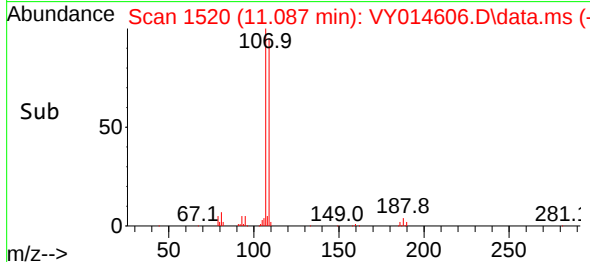
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



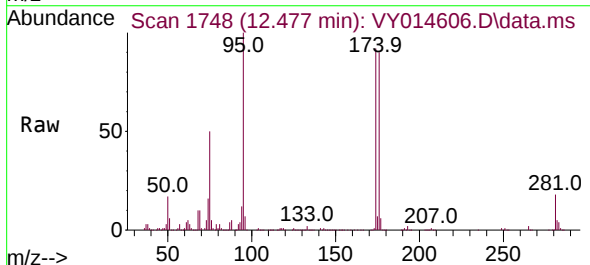
Tgt Ion:107 Resp: 14420
Ion Ratio Lower Upper
107 100
109 93.8 75.6 113.4

Manual Integrations
APPROVED

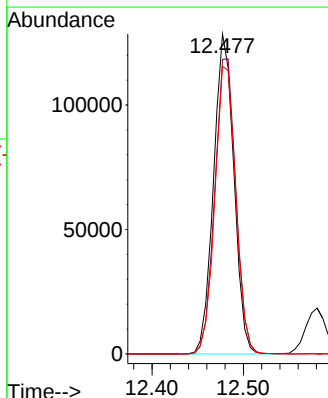
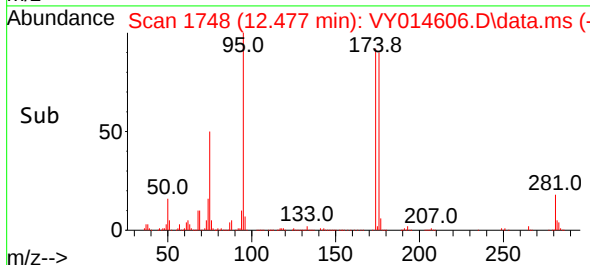
Reviewed By :John Carlone 07/10/2023
Supervised By :Semsettin Yesilyurt 07/10/2023

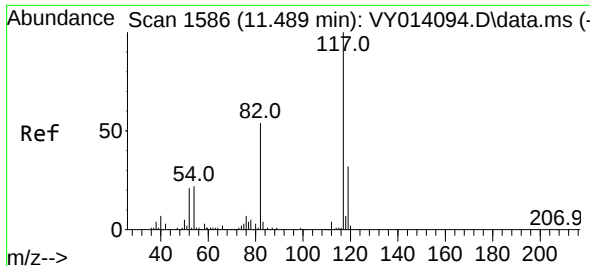


#62
4-Bromofluorobenzene
Concen: 51.487 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY014606.D
Acq: 07 Jul 2023 19:17



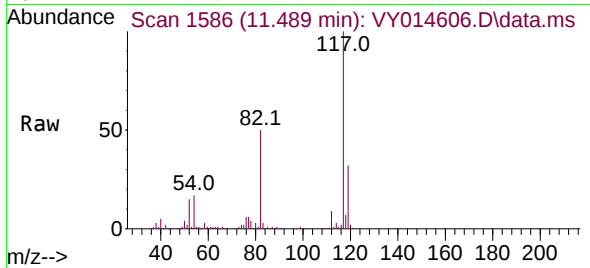
Tgt Ion: 95 Resp: 198490
Ion Ratio Lower Upper
95 100
174 95.9 0.0 178.2
176 92.5 0.0 173.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY014606.D
Acq: 07 Jul 2023 19:17

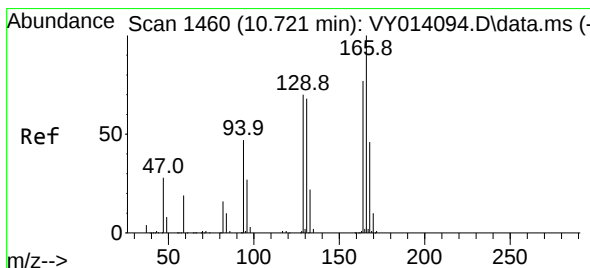
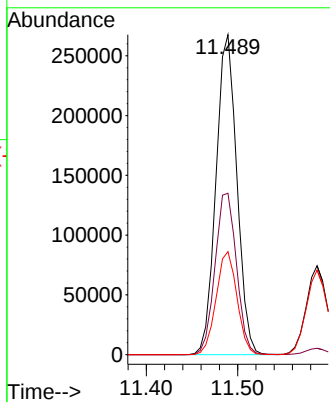
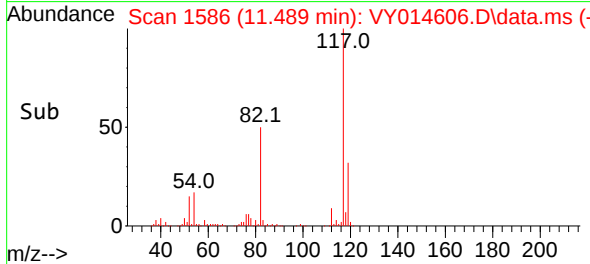
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 42603
Ion Ratio Lower Upper
117 100
82 50.5 43.4 65.0
119 32.2 26.3 39.5

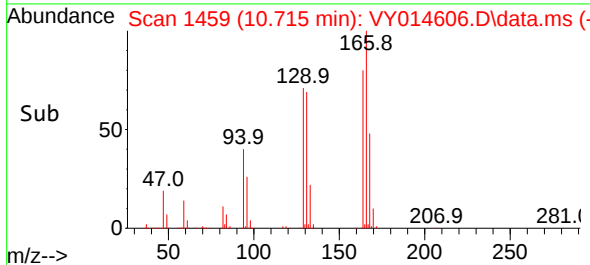
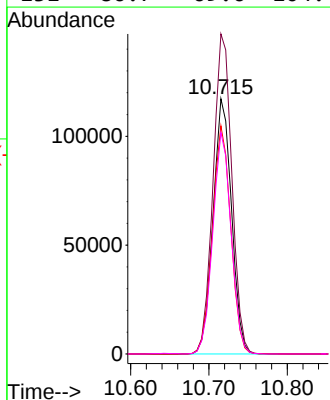
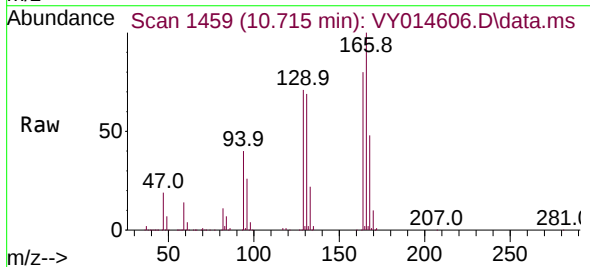
Manual Integrations
APPROVED

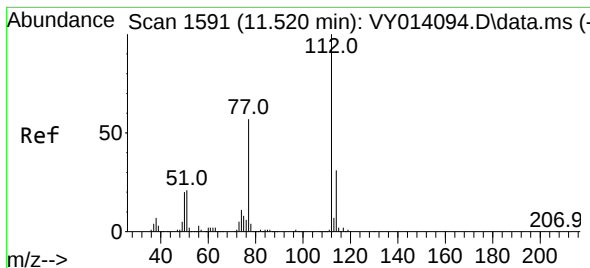
Reviewed By :John Carlone 07/10/2023
Supervised By :Semsettin Yesilyurt 07/10/2023



#64
Tetrachloroethene
Concen: 50.555 ug/l
RT: 10.715 min Scan# 1459
Delta R.T. -0.006 min
Lab File: VY014606.D
Acq: 07 Jul 2023 19:17

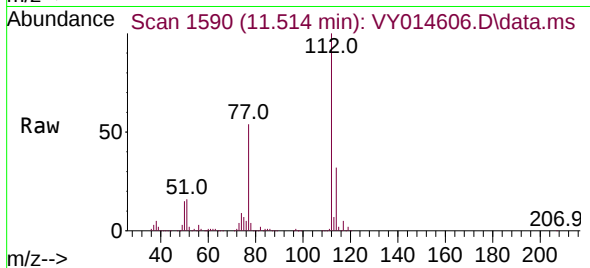
Tgt Ion:164 Resp: 192539
Ion Ratio Lower Upper
164 100
166 125.4 103.0 154.6
129 89.4 77.2 115.8
131 86.7 69.6 104.4





#65
Chlorobenzene
Concen: 48.262 ug/l
RT: 11.514 min Scan# 1150
Delta R.T. -0.006 min
Lab File: VY014606.D
Acq: 07 Jul 2023 19:17

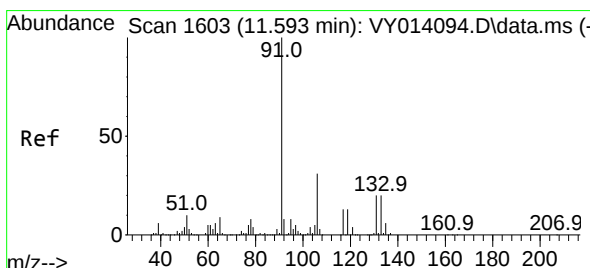
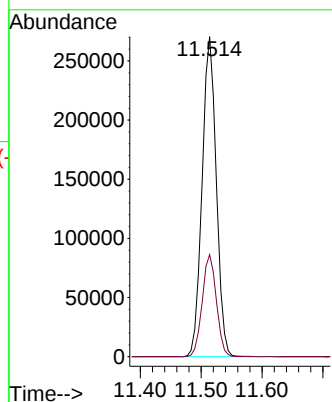
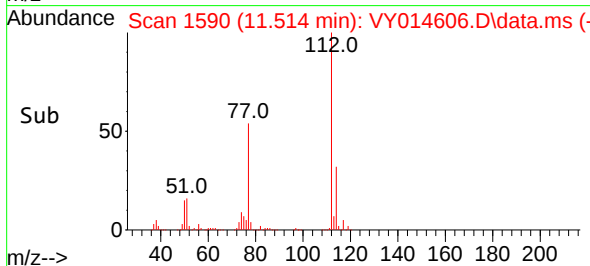
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



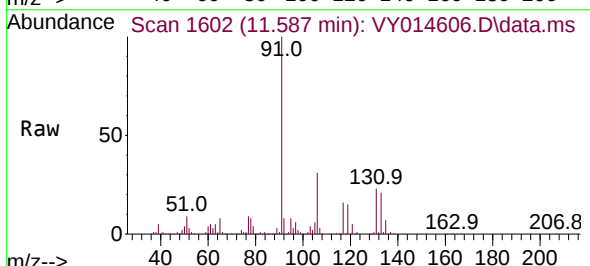
Tgt Ion:112 Resp: 43818
Ion Ratio Lower Upper
112 100
114 31.9 25.5 38.3

Manual Integrations
APPROVED

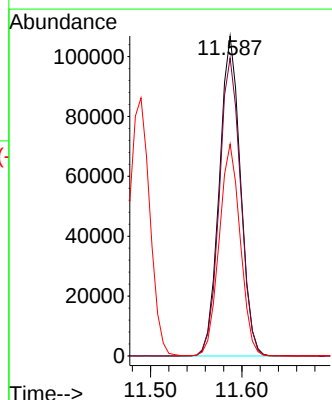
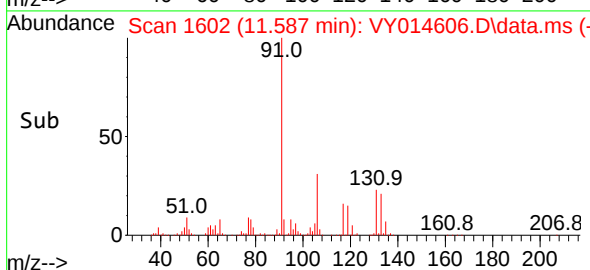
Reviewed By :John Carlone 07/10/2023
Supervised By :Semsettin Yesilyurt 07/10/2023

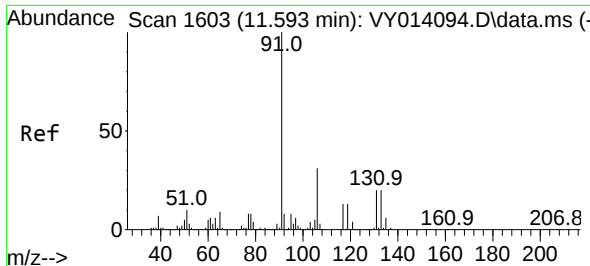


#66
1,1,1,2-Tetrachloroethane
Concen: 49.739 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. -0.006 min
Lab File: VY014606.D
Acq: 07 Jul 2023 19:17



Tgt Ion:131 Resp: 171640
Ion Ratio Lower Upper
131 100
133 93.9 47.5 142.6
119 66.0 31.6 94.7





#67

Ethyl Benzene

Concen: 48.111 ug/l

RT: 11.587 min Scan# 1602

Delta R.T. -0.006 min

Lab File: VY014606.D

Acq: 07 Jul 2023 19:17

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 91 Resp: 74489

Ion Ratio Lower Upper

91 100

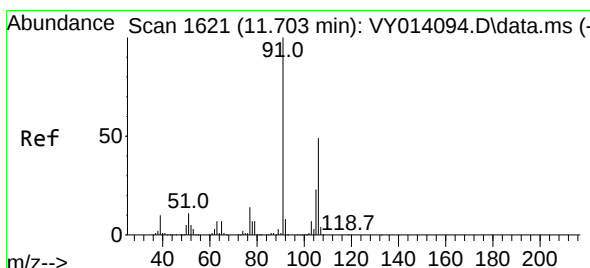
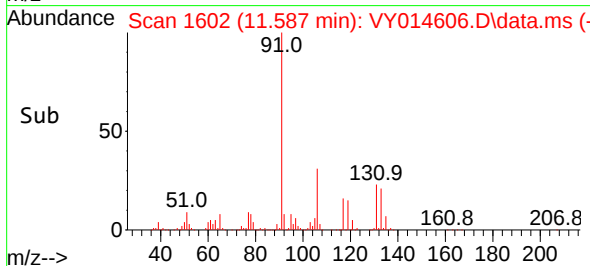
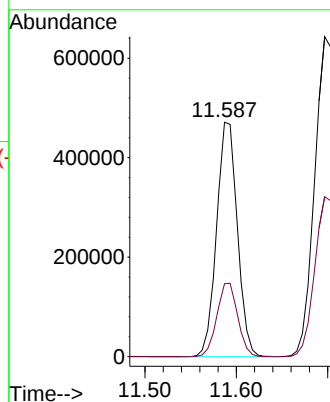
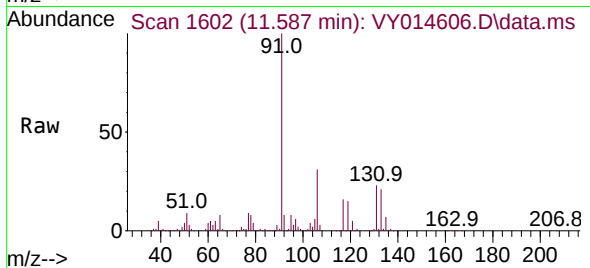
106 31.1 24.6 36.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/10/2023

Supervised By :Semsettin Yesilyurt 07/10/2023



#68

m/p-Xylenes

Concen: 96.319 ug/l

RT: 11.697 min Scan# 1620

Delta R.T. -0.006 min

Lab File: VY014606.D

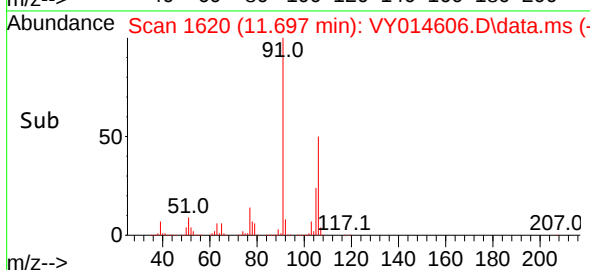
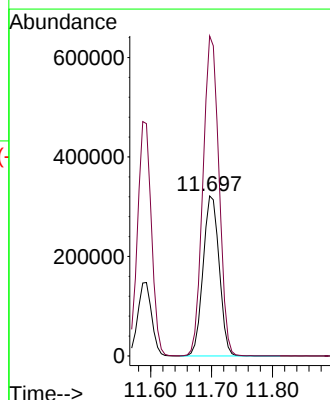
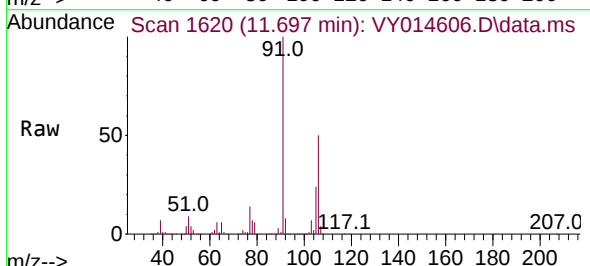
Acq: 07 Jul 2023 19:17

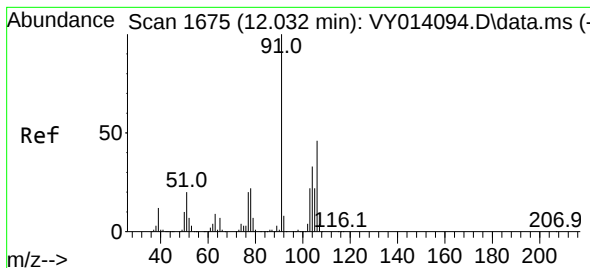
Tgt Ion:106 Resp: 591545

Ion Ratio Lower Upper

106 100

91 198.8 166.1 249.1





#69

o-Xylene

Concen: 48.361 ug/l

RT: 12.026 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY014606.D

Acq: 07 Jul 2023 19:17

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion:106 Resp: 28170

Ion Ratio Lower Upper

106 100

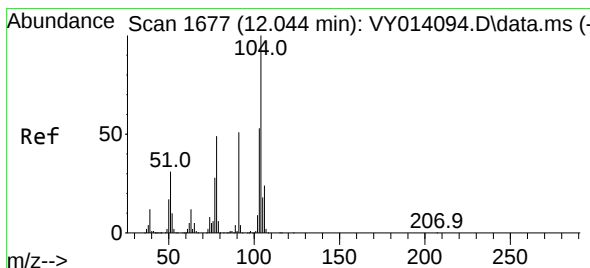
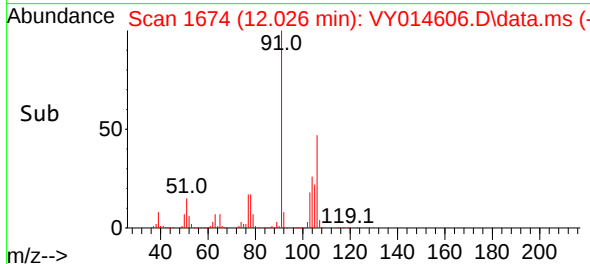
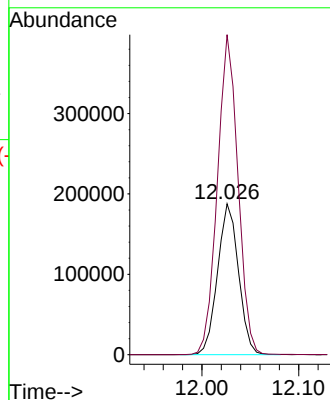
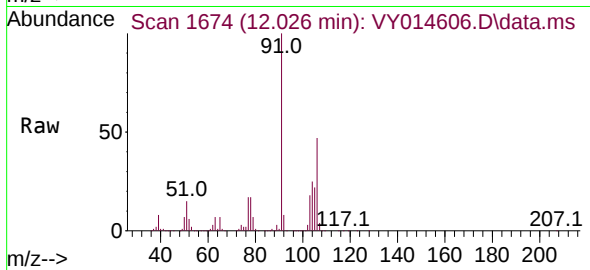
91 209.1 108.1 324.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/10/2023

Supervised By :Semsettin Yesilyurt 07/10/2023



#70

Styrene

Concen: 49.160 ug/l

RT: 12.044 min Scan# 1677

Delta R.T. 0.000 min

Lab File: VY014606.D

Acq: 07 Jul 2023 19:17

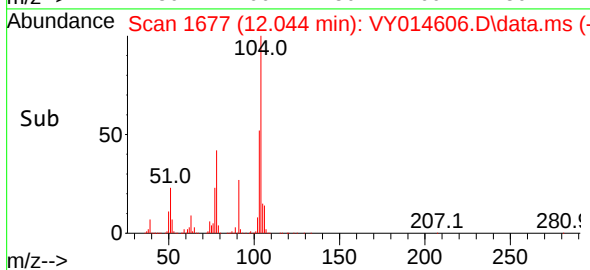
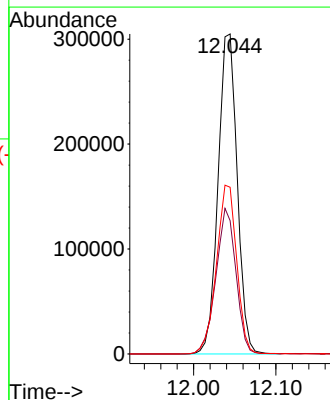
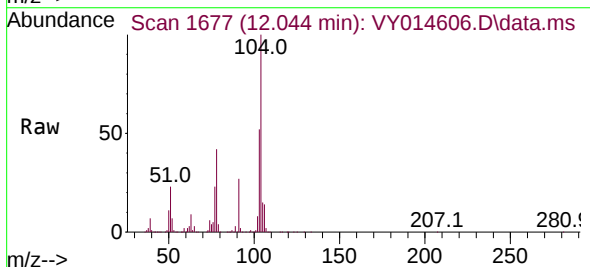
Tgt Ion:104 Resp: 492673

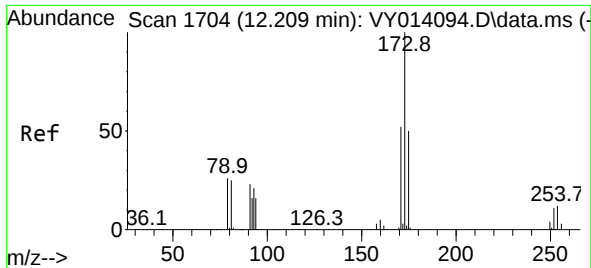
Ion Ratio Lower Upper

104 100

78 47.9 41.5 62.3

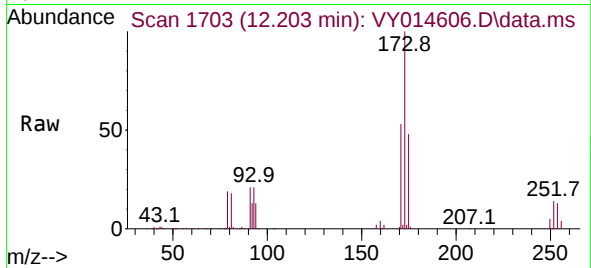
103 56.2 44.6 67.0





#71
Bromoform
Concen: 50.751 ug/l
RT: 12.203 min Scan# 1703
Delta R.T. -0.006 min
Lab File: VY014606.D
Acq: 07 Jul 2023 19:17

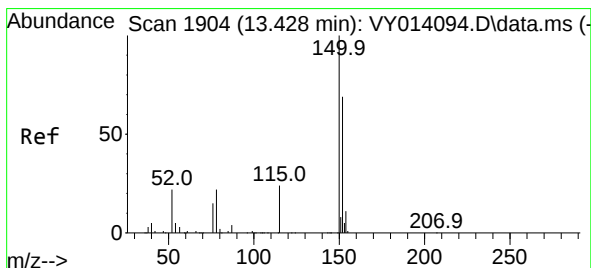
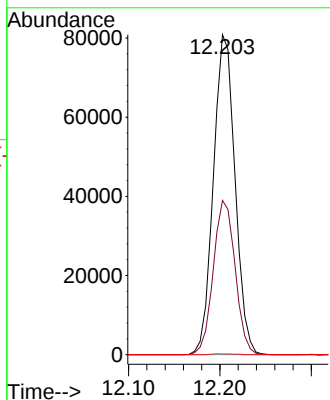
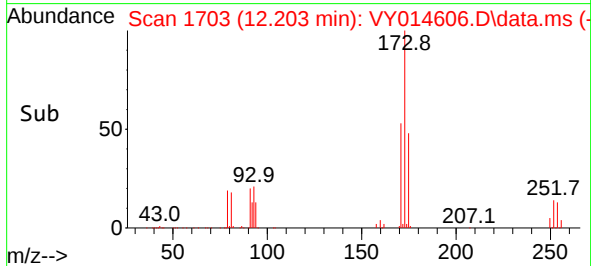
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



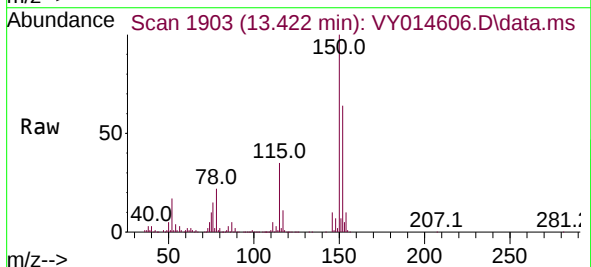
Tgt Ion:173 Resp: 13305
Ion Ratio Lower Upper
173 100
175 48.7 24.6 73.8
254 0.2 0.2 0.2

Manual Integrations
APPROVED

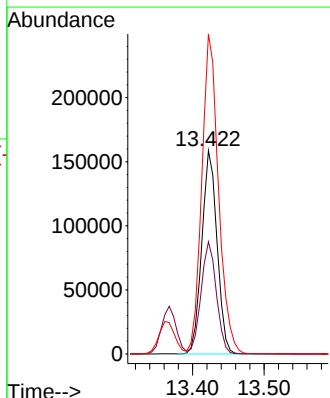
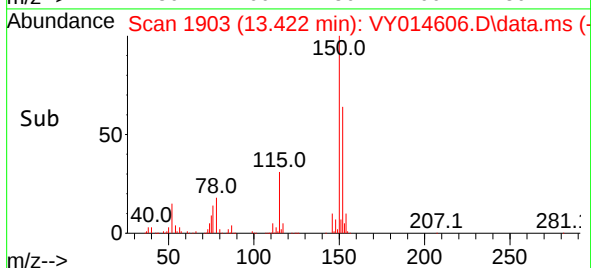
Reviewed By :John Carlone 07/10/2023
Supervised By :Semsettin Yesilyurt 07/10/2023

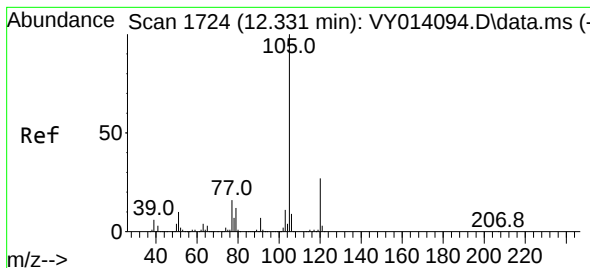


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.006 min
Lab File: VY014606.D
Acq: 07 Jul 2023 19:17



Tgt Ion:152 Resp: 235016
Ion Ratio Lower Upper
152 100
115 55.2 28.8 86.5
150 172.4 0.0 348.8





#73

Isopropylbenzene

Concen: 47.408 ug/l

RT: 12.325 min Scan# 1723

Delta R.T. -0.006 min

Lab File: VY014606.D

Acq: 07 Jul 2023 19:17

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion:105 Resp: 72970

Ion Ratio Lower Upper

105 100

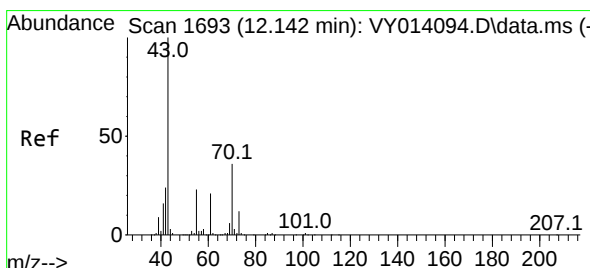
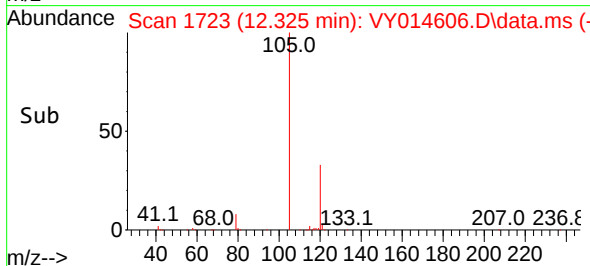
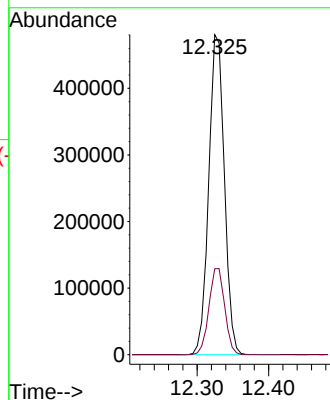
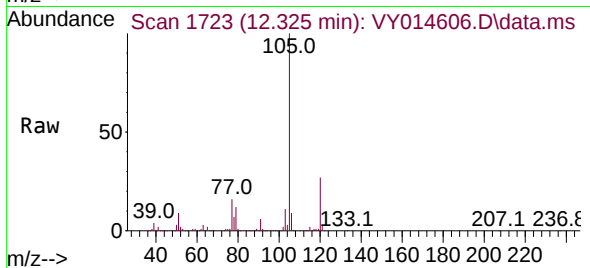
120 27.2 13.3 39.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/10/2023

Supervised By :Semsettin Yesilyurt 07/10/2023



#74

N-amy1 acetate

Concen: 47.642 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. -0.000 min

Lab File: VY014606.D

Acq: 07 Jul 2023 19:17

Tgt Ion: 43 Resp: 221315

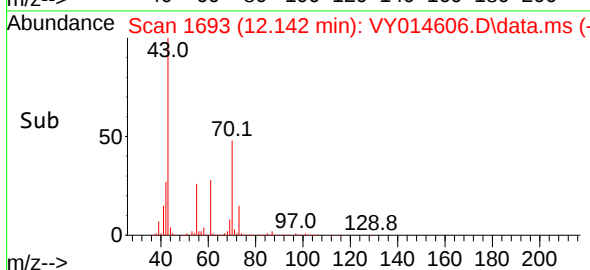
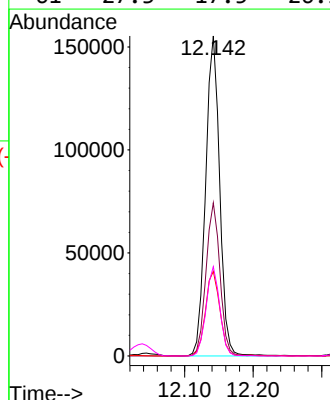
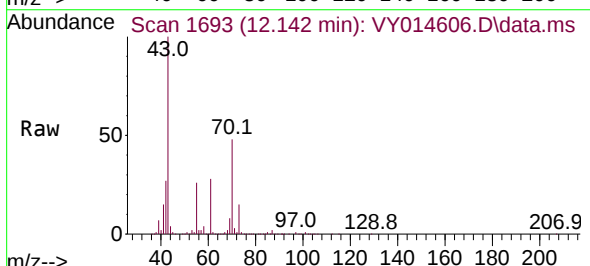
Ion Ratio Lower Upper

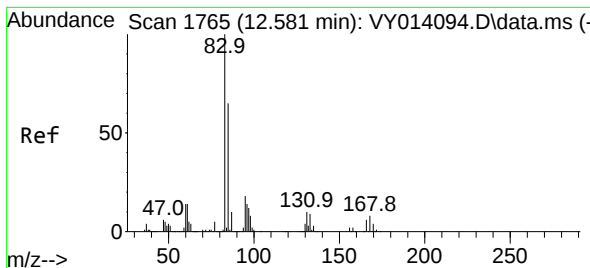
43 100

70 47.6 29.7 44.5#

55 27.3 18.3 27.5

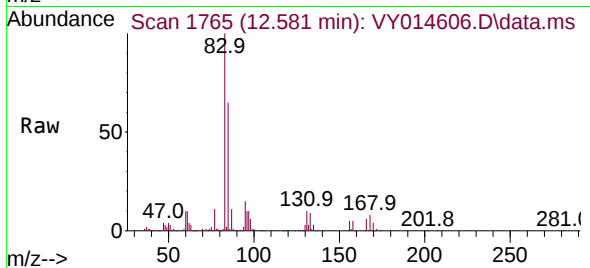
61 27.3 17.5 26.3#





#75
1,1,2,2-Tetrachloroethane
Concen: 48.361 ug/l
RT: 12.581 min Scan# 1765
Delta R.T. -0.000 min
Lab File: VY014606.D
Acq: 07 Jul 2023 19:17

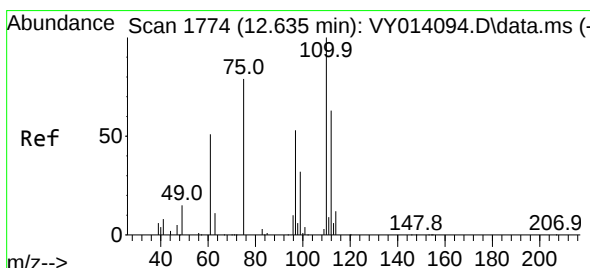
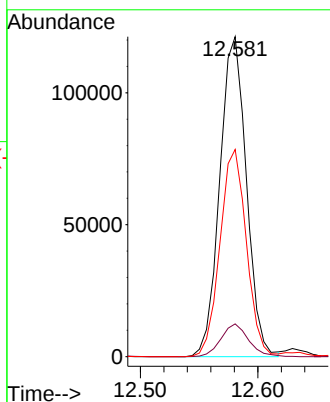
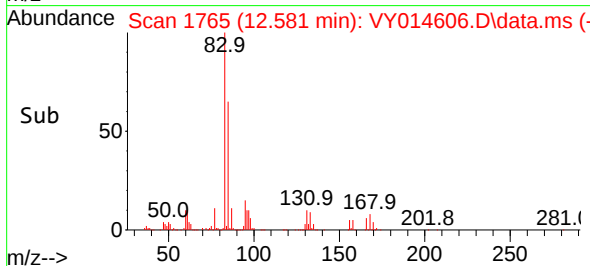
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



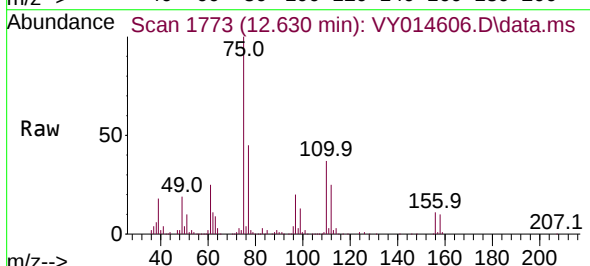
Tgt Ion: 83 Resp: 191018
Ion Ratio Lower Upper
83 100
131 10.7 5.4 16.2
85 64.4 31.8 95.4

Manual Integrations
APPROVED

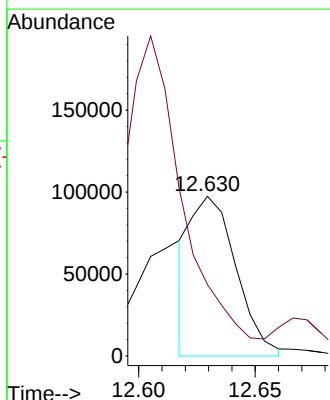
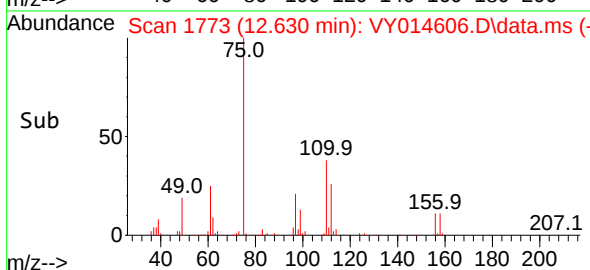
Reviewed By :John Carlone 07/10/2023
Supervised By :Semsettin Yesilyurt 07/10/2023

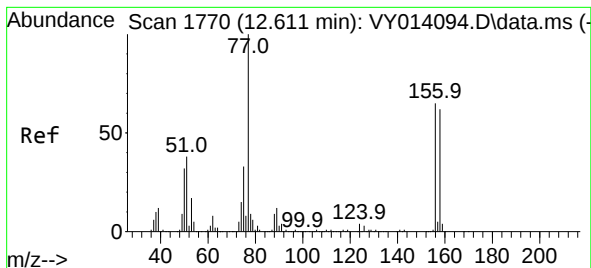


#76
1,2,3-Trichloropropane
Concen: 48.305 ug/l m
RT: 12.630 min Scan# 1773
Delta R.T. -0.005 min
Lab File: VY014606.D
Acq: 07 Jul 2023 19:17



Tgt Ion: 75 Resp: 133216
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 47.952 ug/l

RT: 12.605 min Scan# 1769

Delta R.T. -0.006 min

Lab File: VY014606.D

Acq: 07 Jul 2023 19:17

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

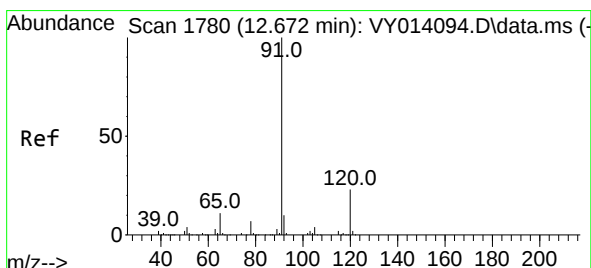
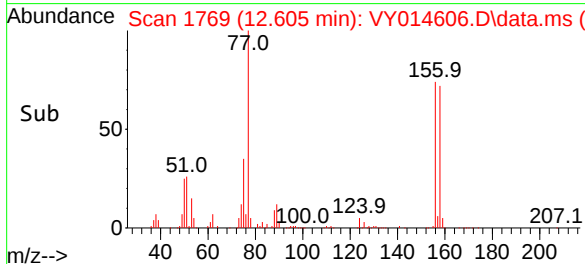
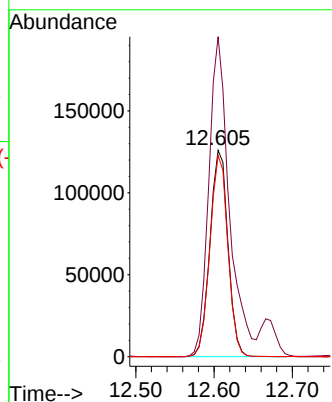
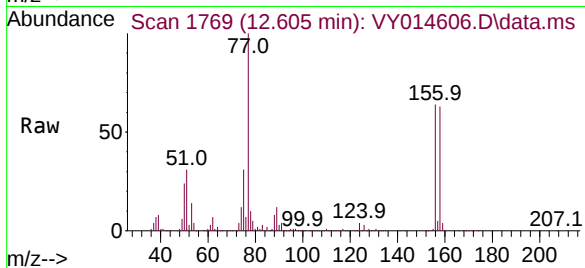
Tgt Ion:	156	Resp:	20158
Ion Ratio	Lower	Upper	
156	100		
77	176.2	92.8	278.6
158	96.4	48.4	145.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/10/2023

Supervised By :Semsettin Yesilyurt 07/10/2023



#78

n-propylbenzene

Concen: 47.957 ug/l

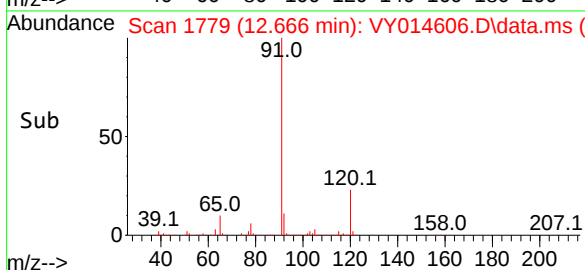
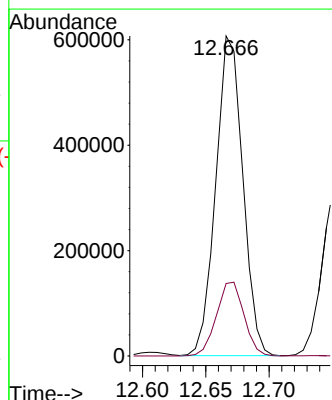
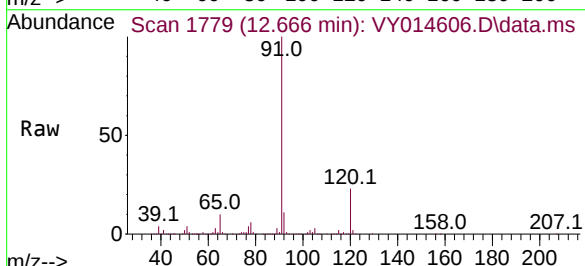
RT: 12.666 min Scan# 1779

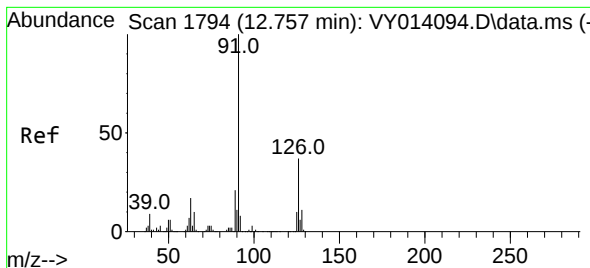
Delta R.T. -0.006 min

Lab File: VY014606.D

Acq: 07 Jul 2023 19:17

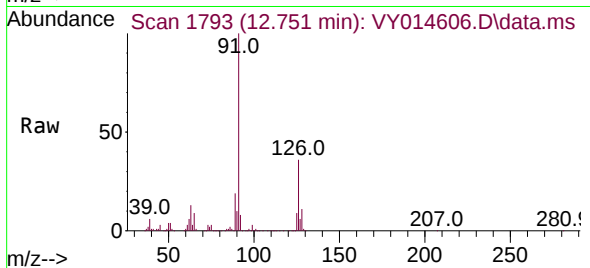
Tgt Ion:	91	Resp:	900412
Ion Ratio	Lower	Upper	
91	100		
120	23.5	11.5	34.4





#79
2-Chlorotoluene
Concen: 47.806 ug/l
RT: 12.751 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VY014606.D
Acq: 07 Jul 2023 19:17

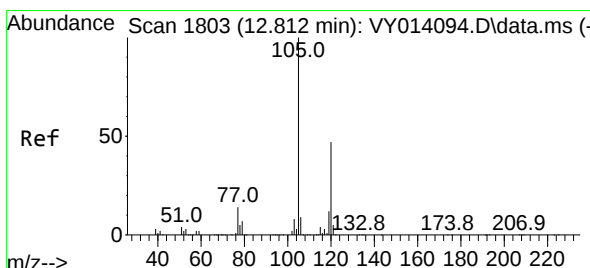
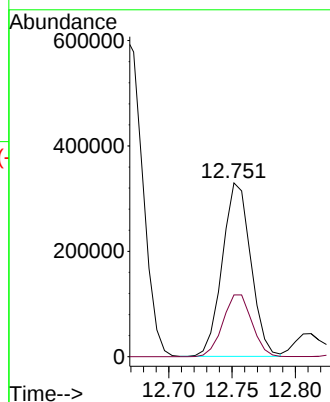
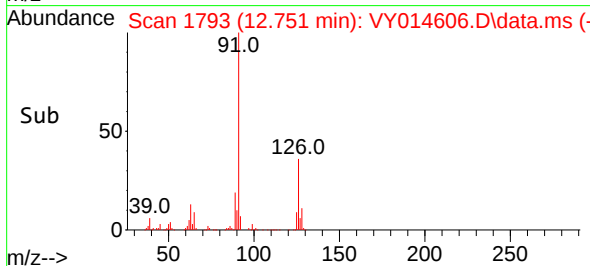
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



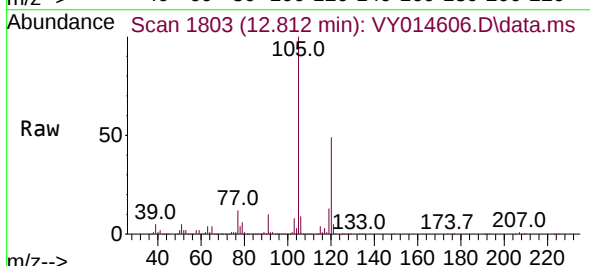
Tgt Ion: 91 Resp: 51655
Ion Ratio Lower Upper
91 100
126 36.4 17.3 51.7

Manual Integrations
APPROVED

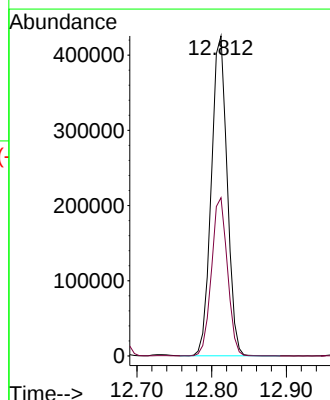
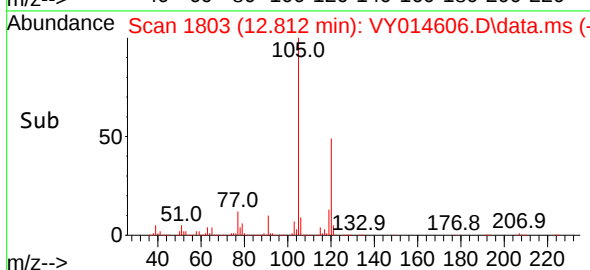
Reviewed By :John Carlone 07/10/2023
Supervised By :Semsettin Yesilyurt 07/10/2023

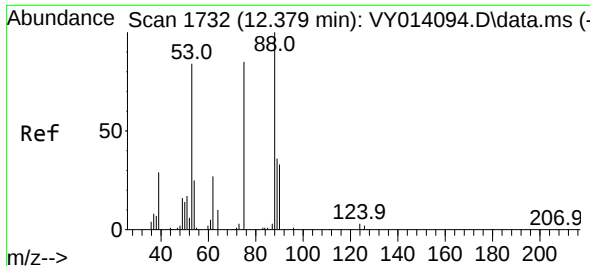


#80
1,3,5-Trimethylbenzene
Concen: 48.047 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY014606.D
Acq: 07 Jul 2023 19:17



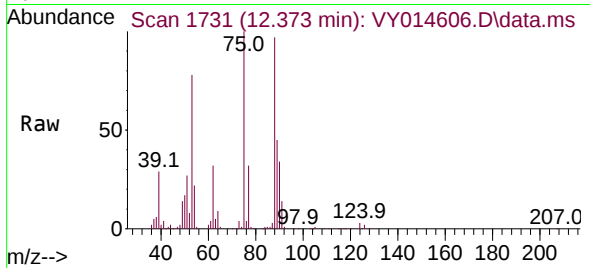
Tgt Ion:105 Resp: 626065
Ion Ratio Lower Upper
105 100
120 49.8 23.9 71.7





#81
trans-1,4-Dichloro-2-butene
Concen: 43.630 ug/l
RT: 12.373 min Scan# 1731
Delta R.T. -0.006 min
Lab File: VY014606.D
Acq: 07 Jul 2023 19:17

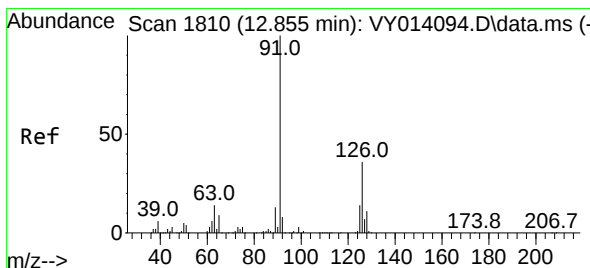
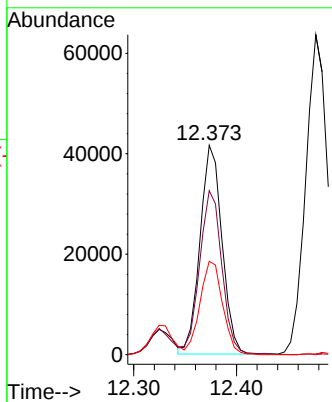
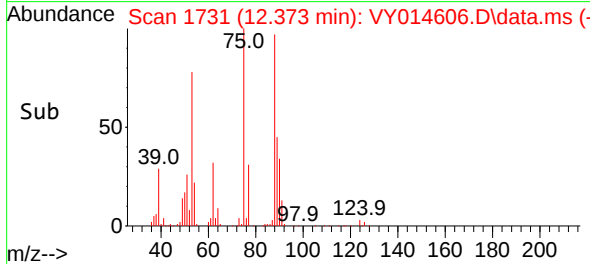
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 61819
Ion Ratio Lower Upper
75 100
53 80.3 77.8 116.8
89 46.0 37.4 56.0

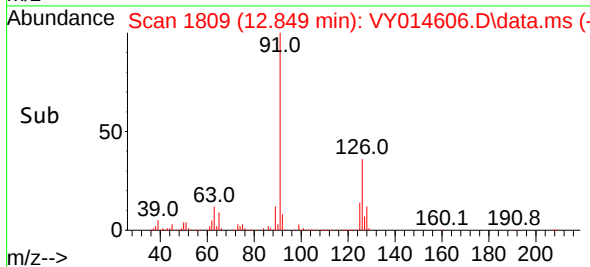
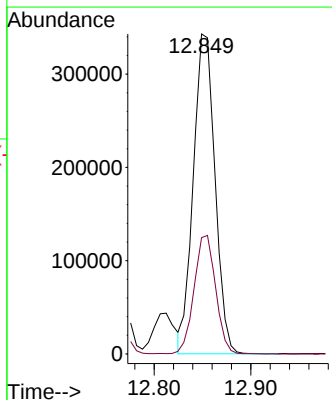
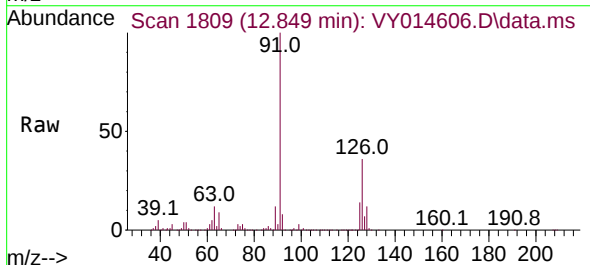
Manual Integrations
APPROVED

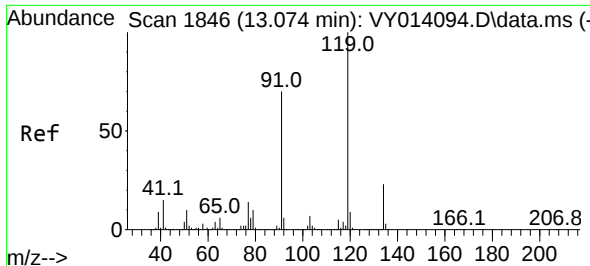
Reviewed By :John Carlone 07/10/2023
Supervised By :Semsettin Yesilyurt 07/10/2023



#82
4-Chlorotoluene
Concen: 47.253 ug/l
RT: 12.849 min Scan# 1809
Delta R.T. -0.006 min
Lab File: VY014606.D
Acq: 07 Jul 2023 19:17

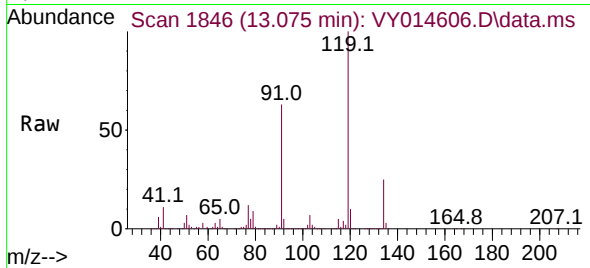
Tgt Ion: 91 Resp: 534899
Ion Ratio Lower Upper
91 100
126 37.0 17.2 51.6





#83
tert-Butylbenzene
Concen: 47.159 ug/l
RT: 13.075 min Scan# 1846
Delta R.T. 0.001 min
Lab File: VY014606.D
Acq: 07 Jul 2023 19:17

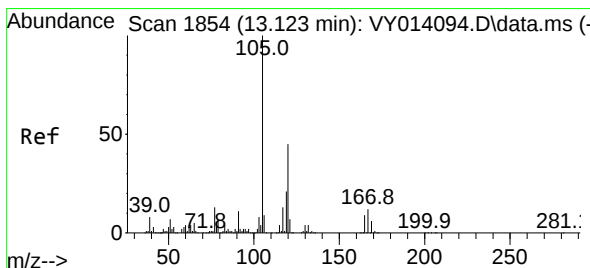
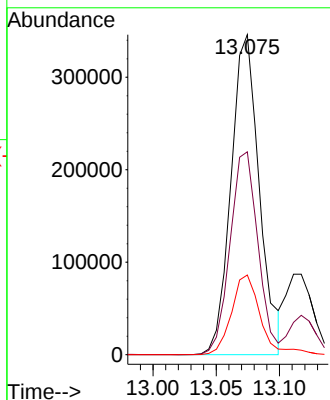
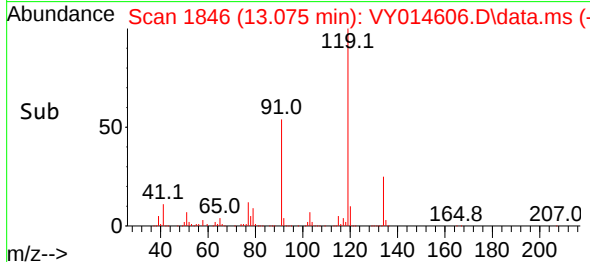
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



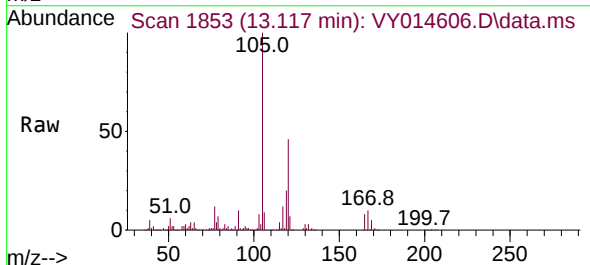
Tgt Ion:119 Resp: 54004
Ion Ratio Lower Upper
119 100
91 62.4 32.9 98.6
134 25.5 13.0 38.9

Manual Integrations
APPROVED

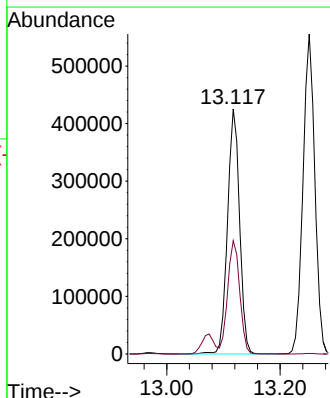
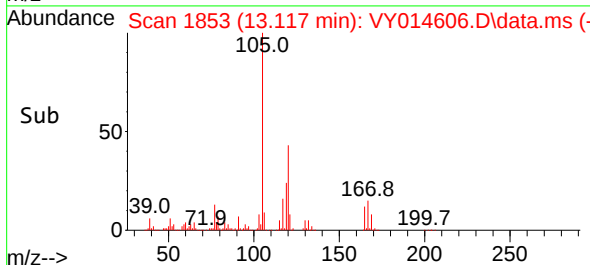
Reviewed By :John Carlone 07/10/2023
Supervised By :Semsettin Yesilyurt 07/10/2023

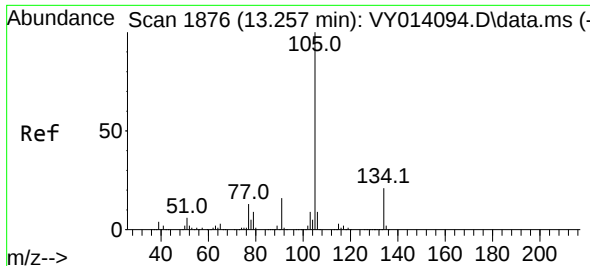


#84
1,2,4-Trimethylbenzene
Concen: 48.200 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. -0.006 min
Lab File: VY014606.D
Acq: 07 Jul 2023 19:17



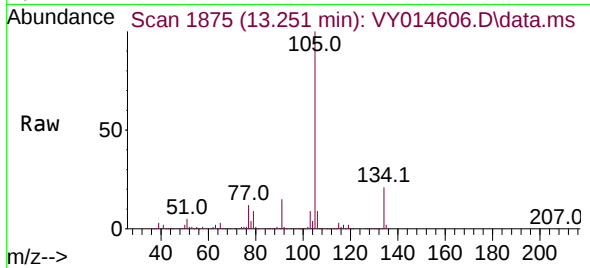
Tgt Ion:105 Resp: 626720
Ion Ratio Lower Upper
105 100
120 46.0 22.2 66.6





#85
 sec-Butylbenzene
 Concen: 47.645 ug/l
 RT: 13.251 min Scan# 1875
 Delta R.T. -0.006 min
 Lab File: VY014606.D
 Acq: 07 Jul 2023 19:17

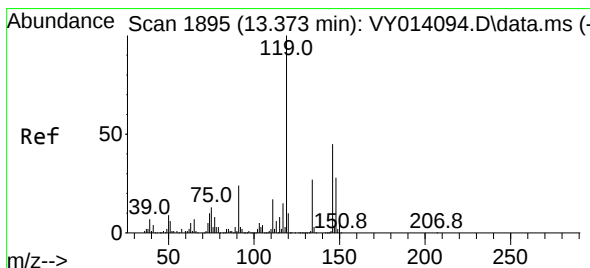
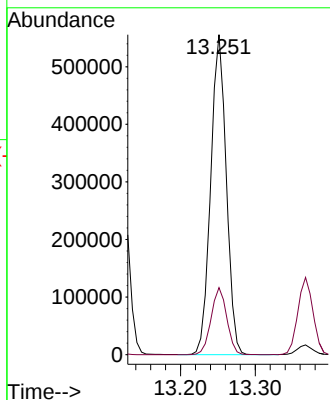
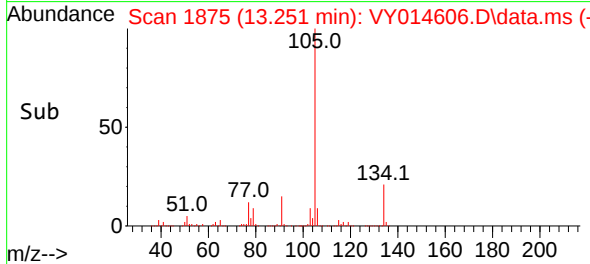
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion:105 Resp: 805140
 Ion Ratio Lower Upper
 105 100
 134 21.0 10.2 30.6

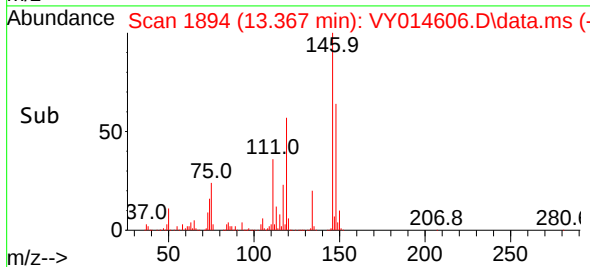
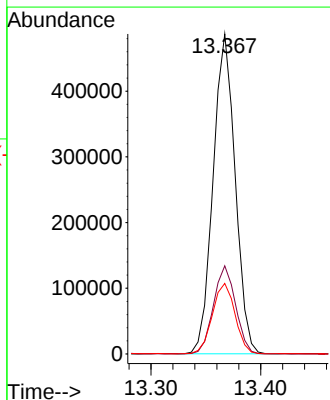
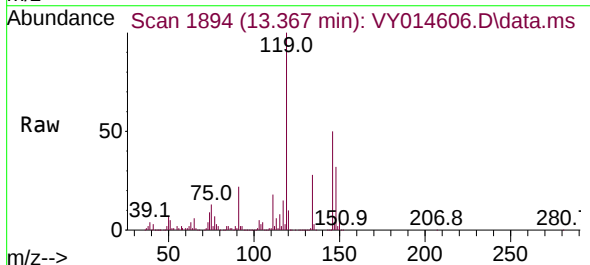
Manual Integrations
 APPROVED

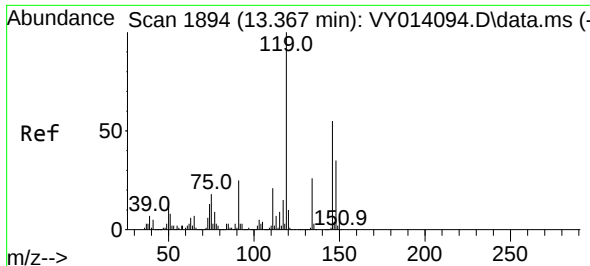
Reviewed By :John Carlone 07/10/2023
 Supervised By :Semsettin Yesilyurt 07/10/2023



#86
 p-Isopropyltoluene
 Concen: 47.853 ug/l
 RT: 13.367 min Scan# 1894
 Delta R.T. -0.006 min
 Lab File: VY014606.D
 Acq: 07 Jul 2023 19:17

Tgt Ion:119 Resp: 680526
 Ion Ratio Lower Upper
 119 100
 134 27.7 13.3 39.8
 91 22.6 12.4 37.4





#87

1,3-Dichlorobenzene

Concen: 47.320 ug/l

RT: 13.361 min Scan# 1893

Delta R.T. -0.006 min

Lab File: VY014606.D

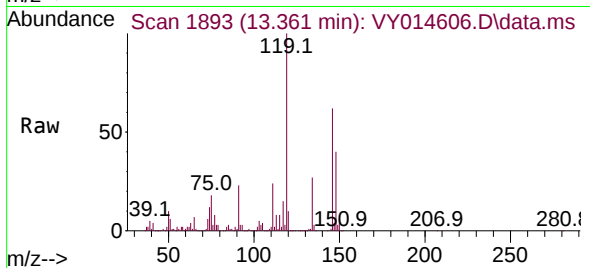
Acq: 07 Jul 2023 19:17

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC



Tgt Ion:146 Resp: 38895

Ion Ratio Lower Upper

146 100

111 37.3 19.4 58.2

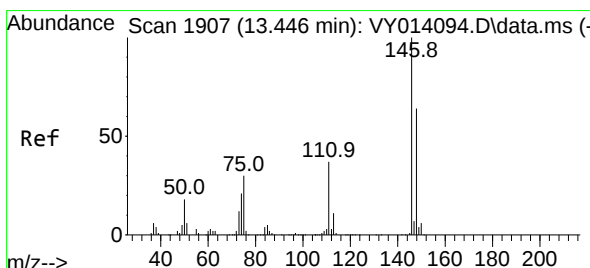
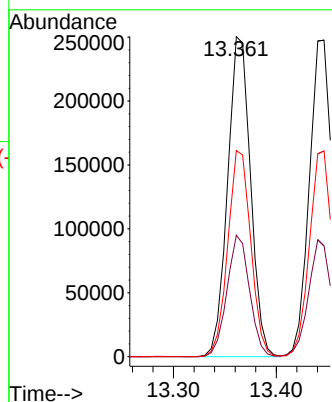
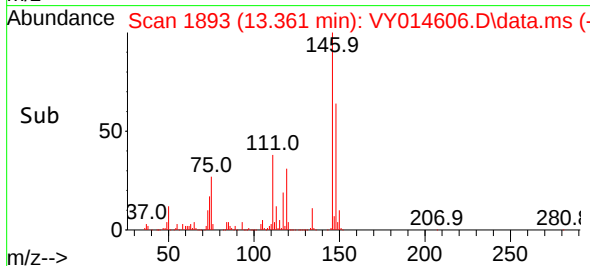
148 64.5 31.9 95.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/10/2023

Supervised By :Semsettin Yesilyurt 07/10/2023



#88

1,4-Dichlorobenzene

Concen: 46.886 ug/l

RT: 13.446 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY014606.D

Acq: 07 Jul 2023 19:17

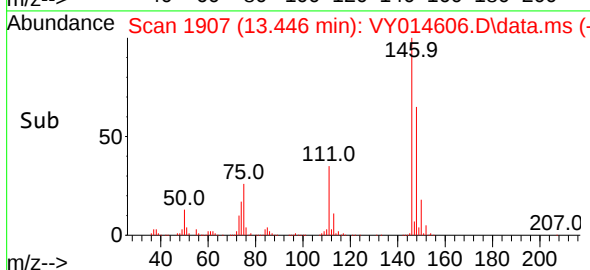
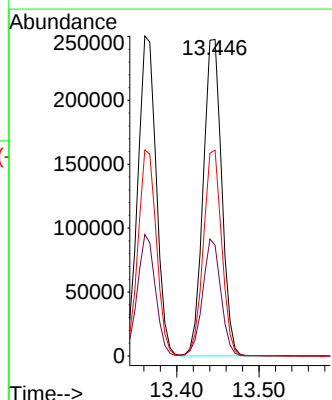
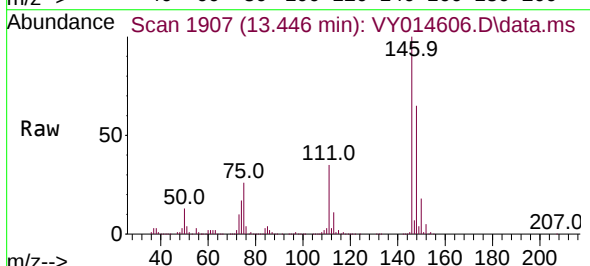
Tgt Ion:146 Resp: 386223

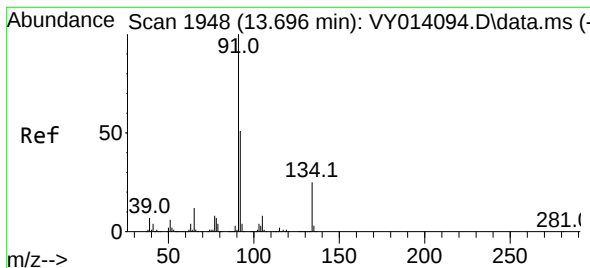
Ion Ratio Lower Upper

146 100

111 36.5 18.9 56.7

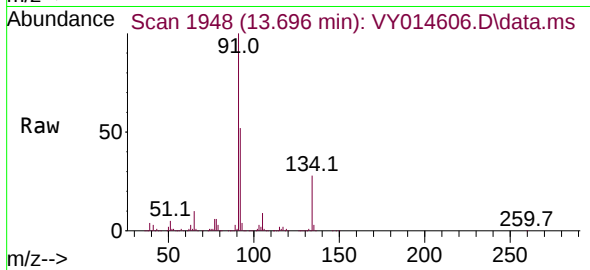
148 64.7 32.1 96.5





#89
n-Butylbenzene
Concen: 47.885 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. 0.000 min
Lab File: VY014606.D
Acq: 07 Jul 2023 19:17

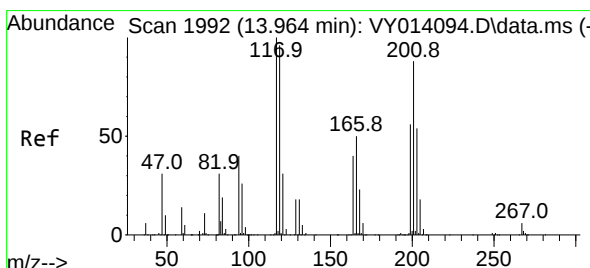
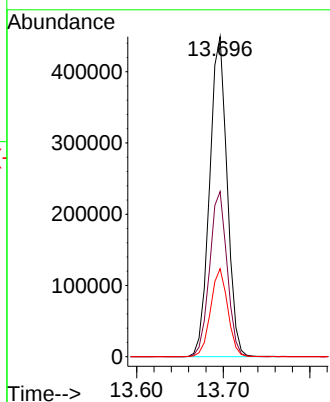
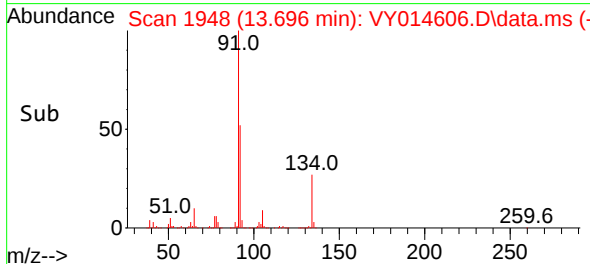
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 629329
Ion Ratio Lower Upper
91 100
92 51.7 25.4 76.0
134 26.9 12.6 37.6

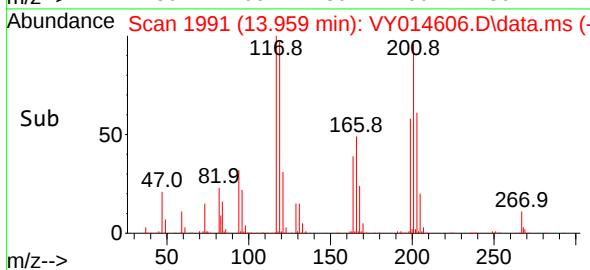
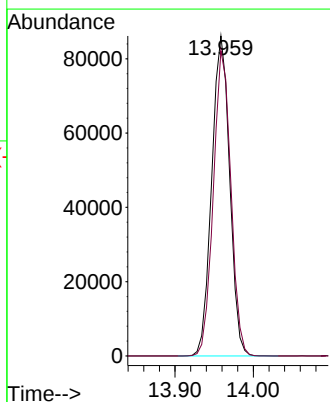
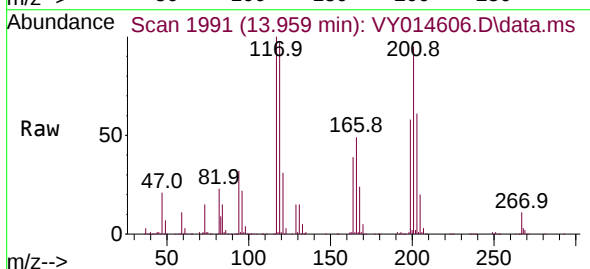
Manual Integrations
APPROVED

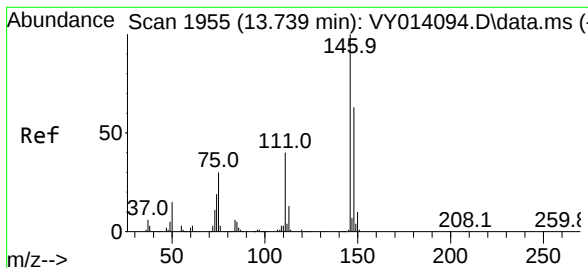
Reviewed By :John Carlone 07/10/2023
Supervised By :Semsettin Yesilyurt 07/10/2023



#90
Hexachloroethane
Concen: 48.645 ug/l
RT: 13.959 min Scan# 1991
Delta R.T. -0.005 min
Lab File: VY014606.D
Acq: 07 Jul 2023 19:17

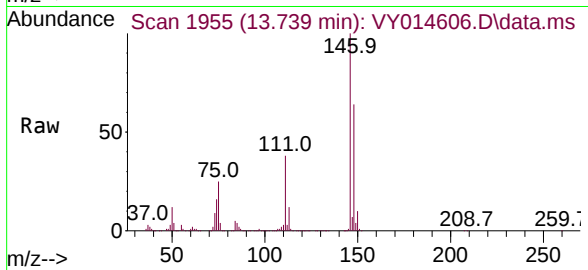
Tgt Ion:117 Resp: 137032
Ion Ratio Lower Upper
117 100
201 93.1 41.6 124.8





#91
1,2-Dichlorobenzene
Concen: 47.839 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. 0.000 min
Lab File: VY014606.D
Acq: 07 Jul 2023 19:17

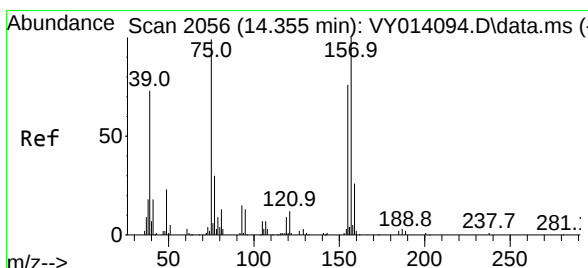
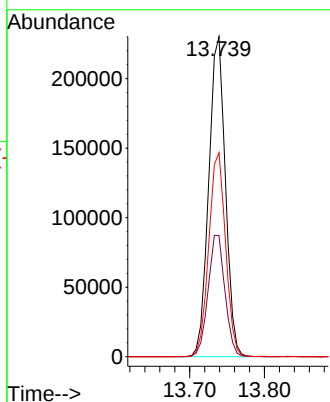
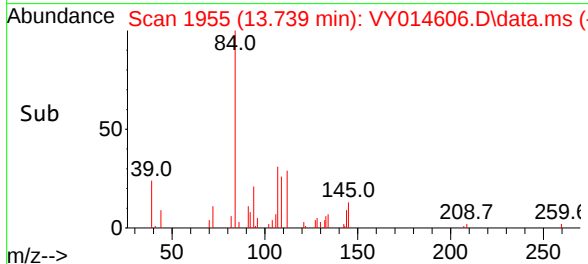
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



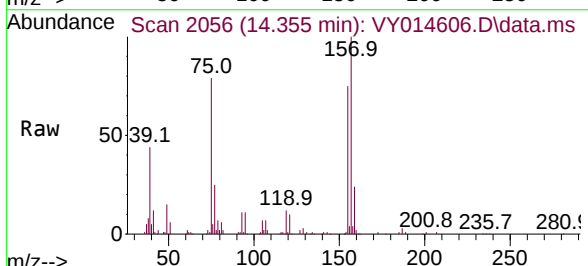
Tgt Ion:146 Resp: 356179
Ion Ratio Lower Upper
146 100
111 38.5 19.7 59.0
148 64.5 32.0 96.2

Manual Integrations
APPROVED

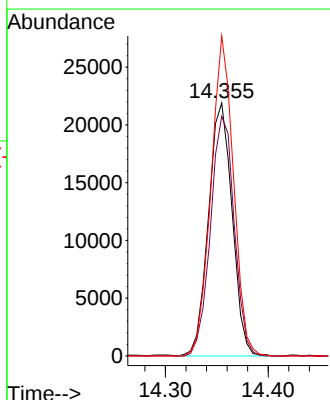
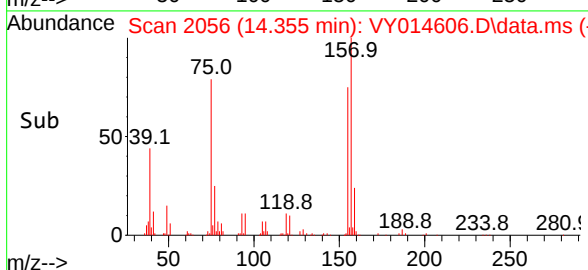
Reviewed By :John Carlone 07/10/2023
Supervised By :Semsettin Yesilyurt 07/10/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 48.379 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. -0.000 min
Lab File: VY014606.D
Acq: 07 Jul 2023 19:17



Tgt Ion: 75 Resp: 34985
Ion Ratio Lower Upper
75 100
155 94.8 41.5 124.6
157 120.2 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 48.662 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY014606.D

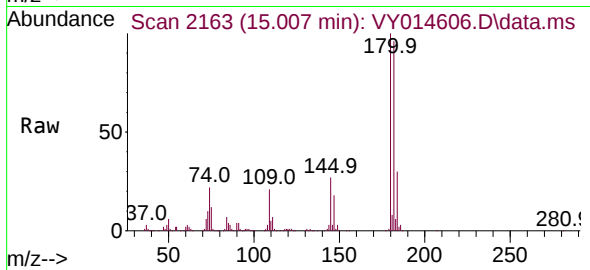
Acq: 07 Jul 2023 19:17

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC



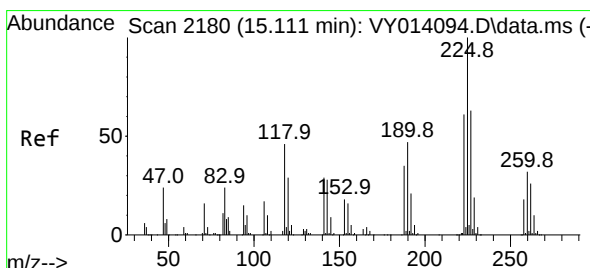
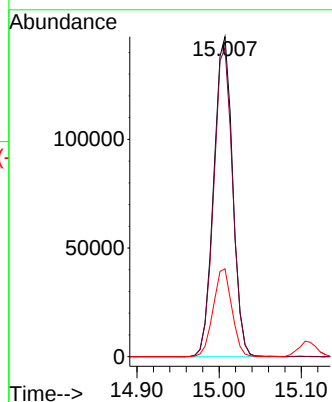
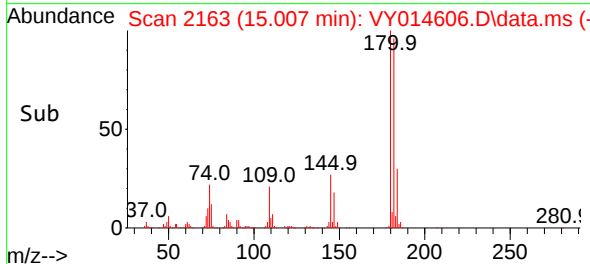
Tgt Ion:	180	Resp:	23401
Ion Ratio	100	Lower	Upper
180	100		
182	96.8	47.0	141.2
145	27.4	14.5	43.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/10/2023

Supervised By :Semsettin Yesilyurt 07/10/2023



#94

Hexachlorobutadiene

Concen: 49.322 ug/l

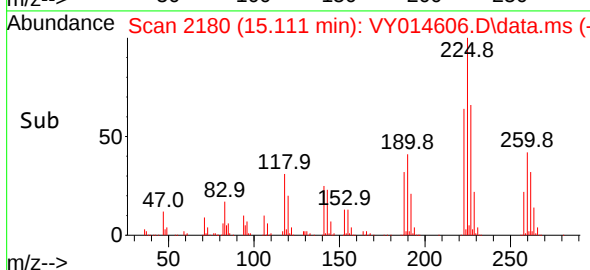
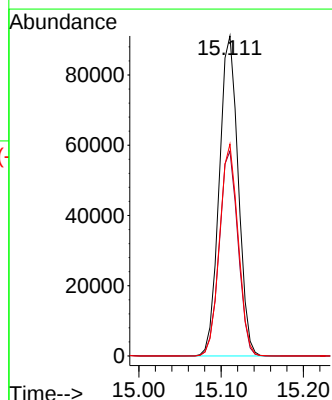
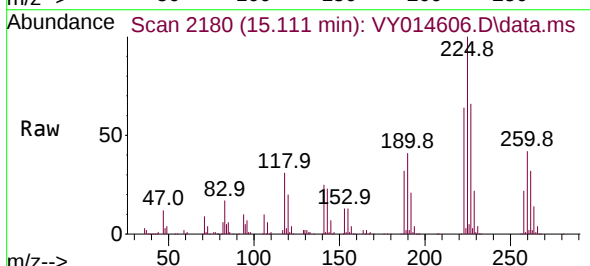
RT: 15.111 min Scan# 2180

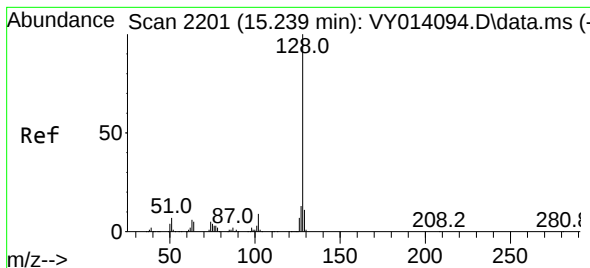
Delta R.T. -0.000 min

Lab File: VY014606.D

Acq: 07 Jul 2023 19:17

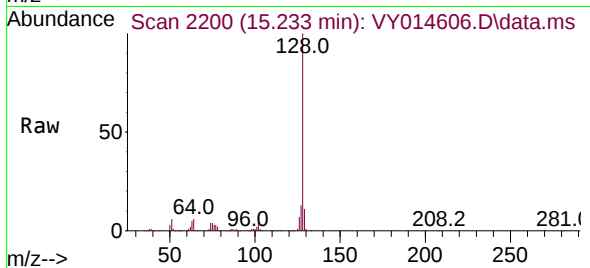
Tgt Ion:	225	Resp:	145777
Ion Ratio	100	Lower	Upper
225	100		
223	63.1	31.9	95.9
227	65.0	33.0	98.9





#95
Naphthalene
Concen: 48.980 ug/l
RT: 15.233 min Scan# 2112
Delta R.T. -0.006 min
Lab File: VY014606.D
Acq: 07 Jul 2023 19:17

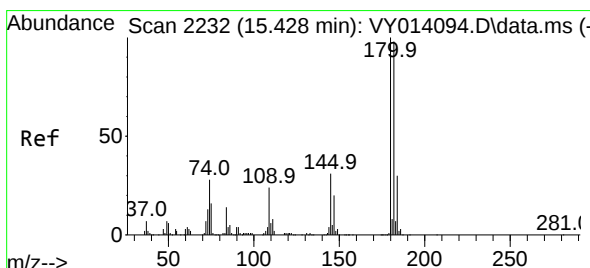
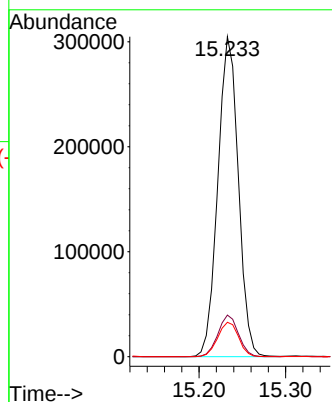
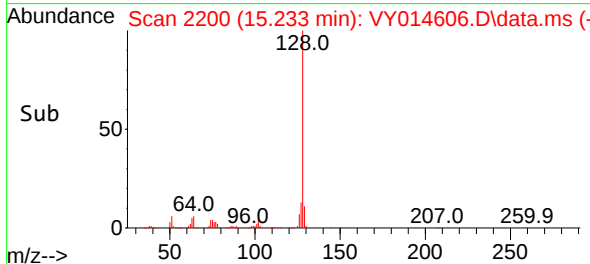
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



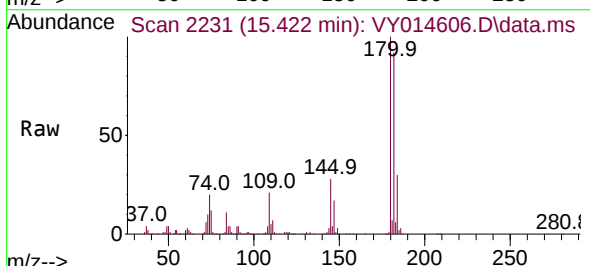
Tgt Ion:128 Resp: 501128
Ion Ratio Lower Upper
128 100
127 13.0 10.8 16.2
129 11.0 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 07/10/2023
Supervised By :Semsettin Yesilyurt 07/10/2023



#96
1,2,3-Trichlorobenzene
Concen: 50.327 ug/l
RT: 15.422 min Scan# 2231
Delta R.T. -0.006 min
Lab File: VY014606.D
Acq: 07 Jul 2023 19:17



Tgt Ion:180 Resp: 220519
Ion Ratio Lower Upper
180 100
182 94.4 47.3 141.8
145 29.0 15.4 46.2

