

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101823\
 Data File : VY016020.D
 Acq On : 18 Oct 2023 14:34
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY101823

Manual Integrations
 APPROVED

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

Quant Time: Oct 19 03:22:49 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y101823S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 19 03:15:44 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	208858	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	337825	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	308044	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	157193	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	112169	47.253	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	94.500%		
35) Dibromofluoromethane	7.716	113	108098	48.614	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	97.220%		
50) Toluene-d8	10.179	98	393906	48.776	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	97.560%		
62) 4-Bromofluorobenzene	12.483	95	140302	48.690	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	97.380%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	91065	52.755	ug/l	97
3) Chloromethane	2.113	50	115729	53.096	ug/l	97
4) Vinyl Chloride	2.247	62	128458	52.513	ug/l	97
5) Bromomethane	2.649	94	92332	51.744	ug/l	100
6) Chloroethane	2.790	64	86270	54.845	ug/l	99
7) Trichlorofluoromethane	3.125	101	187300	50.313	ug/l	98
8) Diethyl Ether	3.533	74	67788	51.541	ug/l	88
9) 1,1,2-Trichlorotrifluo...	3.893	101	108536	50.684	ug/l	96
10) Methyl Iodide	4.088	142	156473	55.959	ug/l	96
11) Tert butyl alcohol	4.978	59	65841	179.679	ug/l #	82
12) 1,1-Dichloroethene	3.869	96	104519	52.164	ug/l	91
13) Acrolein	3.735	56	58074	225.379	ug/l	98
14) Allyl chloride	4.478	41	165358	52.778	ug/l	94
15) Acrylonitrile	5.161	53	182880	233.078	ug/l	98
16) Acetone	3.954	43	204873	232.825	ug/l	93
17) Carbon Disulfide	4.192	76	306374	52.194	ug/l	99
18) Methyl Acetate	4.478	43	138194	45.629	ug/l #	90
19) Methyl tert-butyl Ether	5.222	73	335415	51.890	ug/l	98
20) Methylene Chloride	4.716	84	143688	54.967	ug/l	88
21) trans-1,2-Dichloroethene	5.216	96	122429	52.470	ug/l	96
22) Diisopropyl ether	6.118	45	363832	53.331	ug/l	93
23) Vinyl Acetate	6.063	43	1100402	260.029	ug/l #	92
24) 1,1-Dichloroethane	6.015	63	212750	52.567	ug/l	97
25) 2-Butanone	6.984	43	273447	226.873	ug/l	94
26) 2,2-Dichloropropane	6.978	77	191940	52.710	ug/l	98
27) cis-1,2-Dichloroethene	6.984	96	141276	52.574	ug/l	94
28) Bromochloromethane	7.332	49	92610	53.504	ug/l	90
29) Tetrahydrofuran	7.350	42	164198	225.064	ug/l	90
30) Chloroform	7.502	83	227385	52.399	ug/l	97
31) Cyclohexane	7.783	56	180355	48.542	ug/l	91
32) 1,1,1-Trichloroethane	7.703	97	199526	51.388	ug/l	98
36) 1,1-Dichloropropene	7.917	75	170384	50.931	ug/l	99
37) Ethyl Acetate	7.075	43	113519	47.075	ug/l #	95
38) Carbon Tetrachloride	7.898	117	181466	51.035	ug/l	99
39) Methylcyclohexane	9.185	83	212019	50.712	ug/l	93
40) Benzene	8.161	78	494089	52.402	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	61194m	48.918	ug/l	
42) 1,2-Dichloroethane	8.234	62	153258	50.460	ug/l	94
43) Isopropyl Acetate	8.270	43	203502	48.268	ug/l	95
44) Trichloroethene	8.941	130	135221	51.149	ug/l	95
45) 1,2-Dichloropropane	9.215	63	123292	52.250	ug/l	95
46) Dibromomethane	9.307	93	79307	50.626	ug/l	96
47) Bromodichloromethane	9.496	83	179964	52.415	ug/l	99
48) Methyl methacrylate	9.295	41	90525	47.170	ug/l	87
49) 1,4-Dioxane	9.307	88	23575	945.098	ug/l #	53
51) 4-Methyl-2-Pentanone	10.069	43	565678	233.318	ug/l	92
52) Toluene	10.246	92	321239	52.528	ug/l	95
53) t-1,3-Dichloropropene	10.465	75	194542	52.305	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	214140	52.818	ug/l	91
55) 1,1,2-Trichloroethane	10.648	97	110227	51.217	ug/l	96
56) Ethyl methacrylate	10.508	69	160117	50.908	ug/l #	86
57) 1,3-Dichloropropane	10.788	76	185344	50.765	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.782	63	373903	247.498	ug/l	93
59) 2-Hexanone	10.831	43	430255	233.250	ug/l	89
60) Dibromochloromethane	10.983	129	133337	51.229	ug/l	99
61) 1,2-Dibromoethane	11.087	107	109824	50.142	ug/l	99
64) Tetrachloroethene	10.721	164	117677	49.265	ug/l	97
65) Chlorobenzene	11.520	112	349207	52.345	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.593	131	130522	51.907	ug/l	98
67) Ethyl Benzene	11.593	91	621880	52.679	ug/l	98
68) m/p-Xylenes	11.703	106	482087	104.725	ug/l	96
69) o-Xylene	12.032	106	231367	52.832	ug/l	97
70) Styrene	12.044	104	394901	52.908	ug/l	96
71) Bromoform	12.209	173	89252	50.443	ug/l #	99
73) Isopropylbenzene	12.331	105	610742	51.940	ug/l	100
74) N-amyl acetate	12.142	43	187085	50.373	ug/l #	90
75) 1,1,2,2-Tetrachloroethane	12.587	83	141675	48.106	ug/l	99
76) 1,2,3-Trichloropropane	12.635	75	110751m	49.760	ug/l	
77) Bromobenzene	12.611	156	146451	51.314	ug/l	100
78) n-propylbenzene	12.672	91	737818	52.095	ug/l	99
79) 2-Chlorotoluene	12.757	91	413752	52.046	ug/l	100
80) 1,3,5-Trimethylbenzene	12.812	105	512343	52.604	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.379	75	49197	48.251	ug/l	94
82) 4-Chlorotoluene	12.855	91	427909	51.576	ug/l	99
83) tert-Butylbenzene	13.074	119	440797	51.614	ug/l	98
84) 1,2,4-Trimethylbenzene	13.123	105	507442	52.467	ug/l	98
85) sec-Butylbenzene	13.257	105	662257	51.921	ug/l	100
86) p-Isopropyltoluene	13.373	119	561320	52.661	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	289557	52.144	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	289570	51.792	ug/l	99
89) n-Butylbenzene	13.696	91	522196	52.624	ug/l	96
90) Hexachloroethane	13.964	117	106107	52.219	ug/l	90
91) 1,2-Dichlorobenzene	13.739	146	262696	51.525	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	24713	44.082	ug/l	89
93) 1,2,4-Trichlorobenzene	15.007	180	169569	52.208	ug/l	98
94) Hexachlorobutadiene	15.117	225	89203	50.564	ug/l	98
95) Naphthalene	15.239	128	392846	49.279	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	151543	51.081	ug/l	98

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

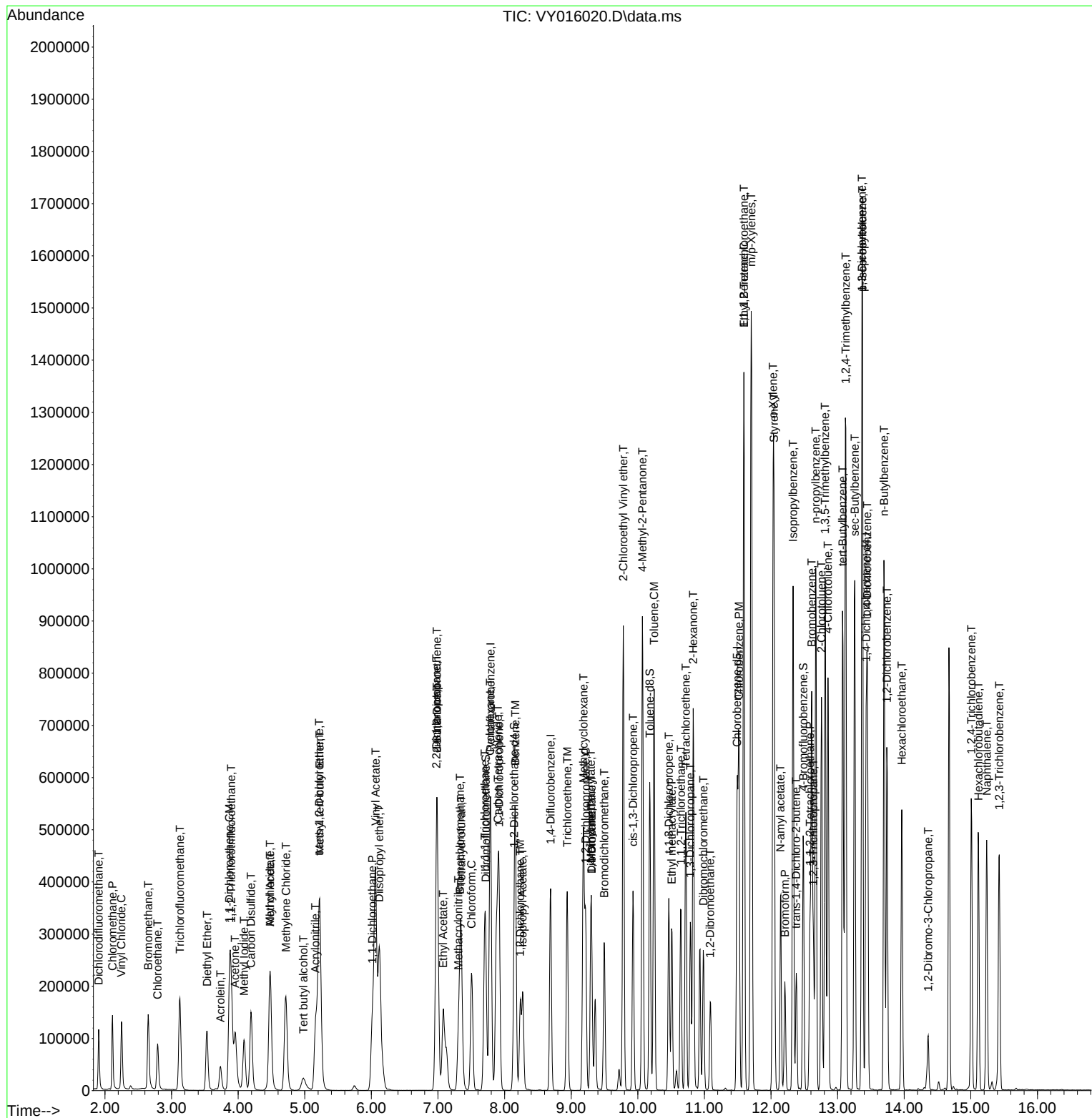
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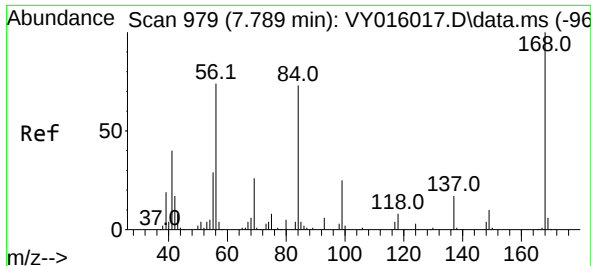
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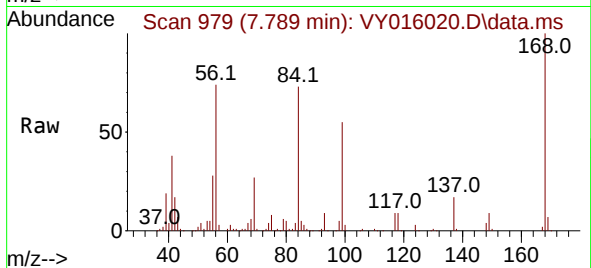
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
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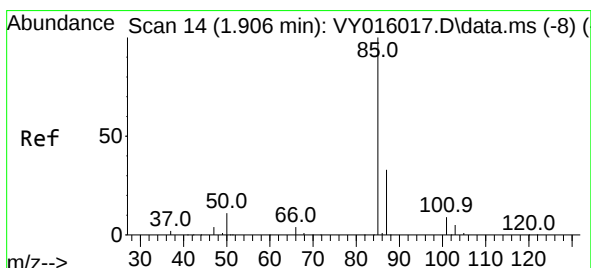
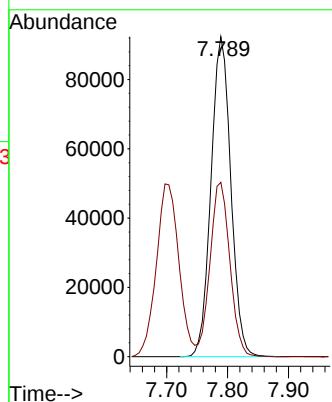
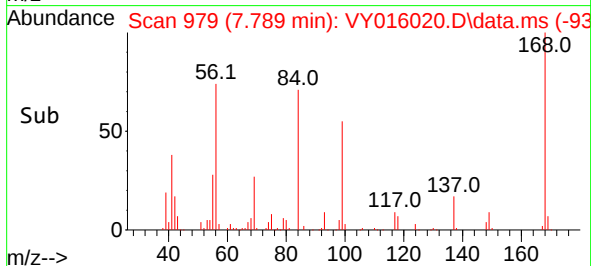
Instrument :
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Tgt Ion:168 Resp: 20885
Ion Ratio Lower Upper
168 100
99 54.5 43.4 65.0

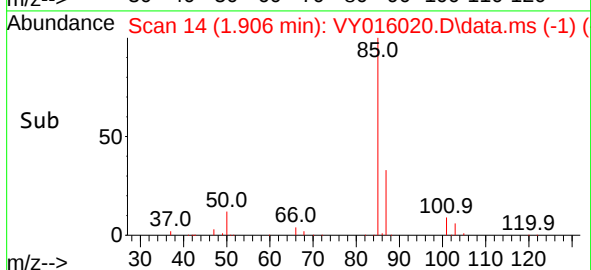
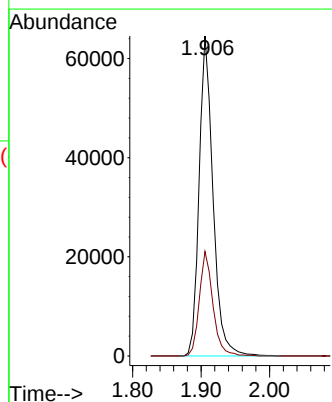
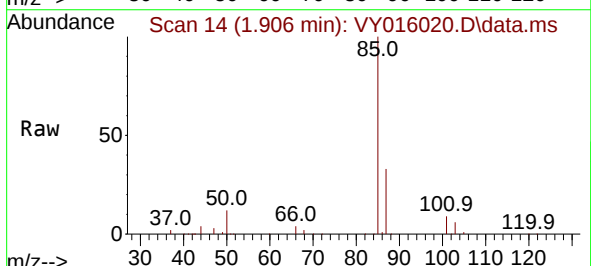
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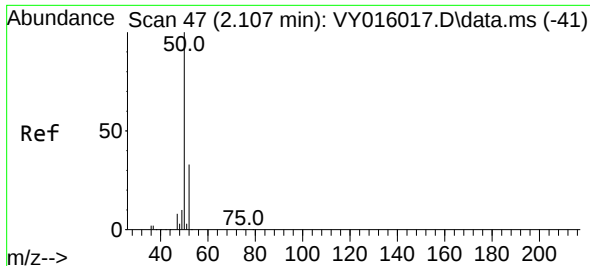
Reviewed By :John Carlone 10/19/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#2
Dichlorodifluoromethane
Concen: 52.755 ug/l
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY016020.D
Acq: 18 Oct 2023 14:34

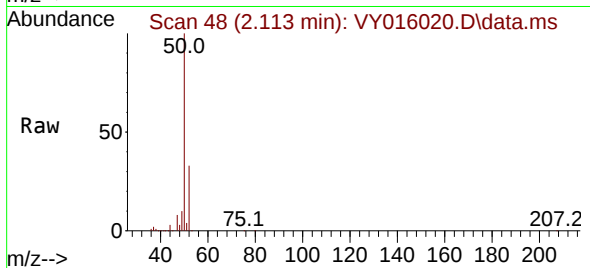
Tgt Ion: 85 Resp: 91065
Ion Ratio Lower Upper
85 100
87 32.6 15.6 46.8





#3
Chloromethane
Concen: 53.096 ug/l
RT: 2.113 min Scan# 47
Delta R.T. 0.006 min
Lab File: VY016020.D
Acq: 18 Oct 2023 14:34

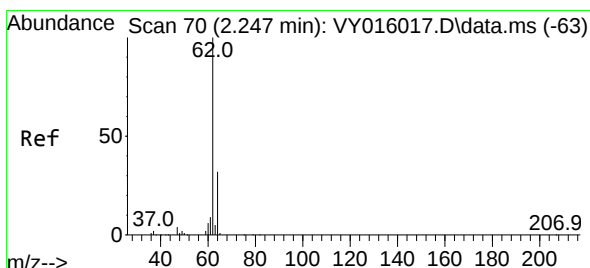
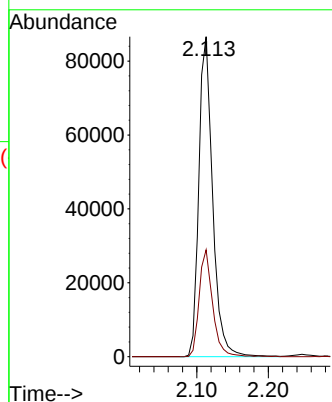
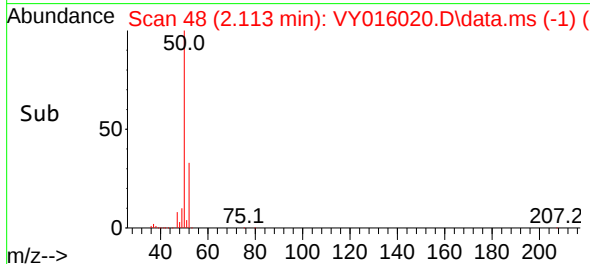
Instrument :
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Tgt Ion: 50 Resp: 115729
Ion Ratio Lower Upper
50 100
52 33.4 25.4 38.2

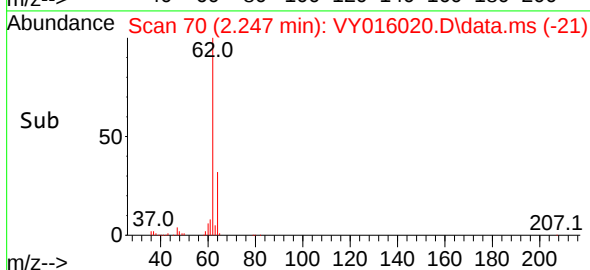
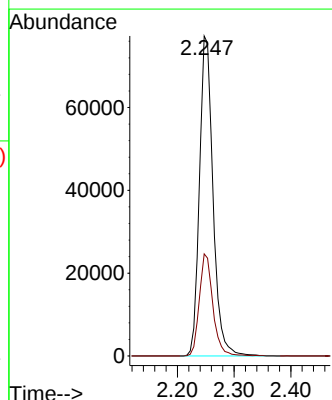
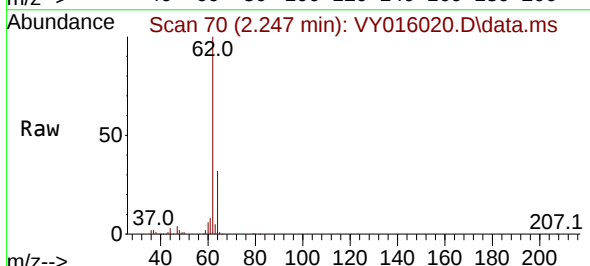
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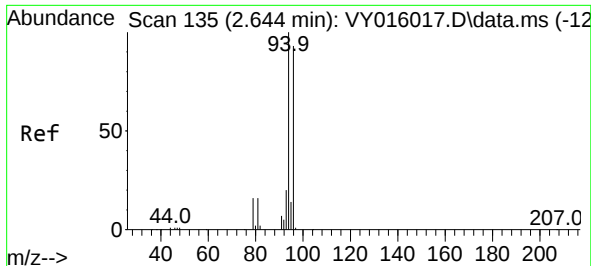
Reviewed By :John Carlone 10/19/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#4
Vinyl Chloride
Concen: 52.513 ug/l
RT: 2.247 min Scan# 70
Delta R.T. -0.000 min
Lab File: VY016020.D
Acq: 18 Oct 2023 14:34

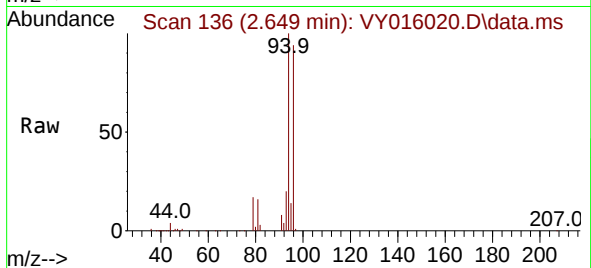
Tgt Ion: 62 Resp: 128458
Ion Ratio Lower Upper
62 100
64 31.9 24.3 36.5





#5
Bromomethane
Concen: 51.744 ug/l
RT: 2.649 min Scan# 11
Delta R.T. 0.005 min
Lab File: VY016020.D
Acq: 18 Oct 2023 14:34

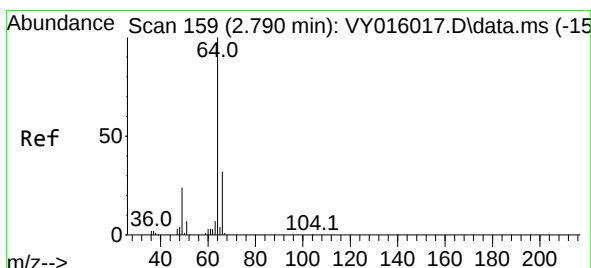
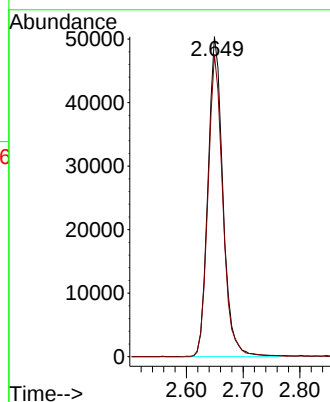
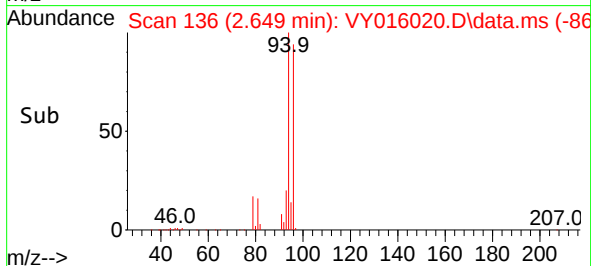
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Tgt Ion: 94 Resp: 9233
Ion Ratio Lower Upper
94 100
96 94.4 75.8 113.6

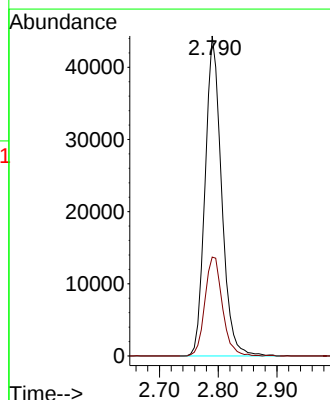
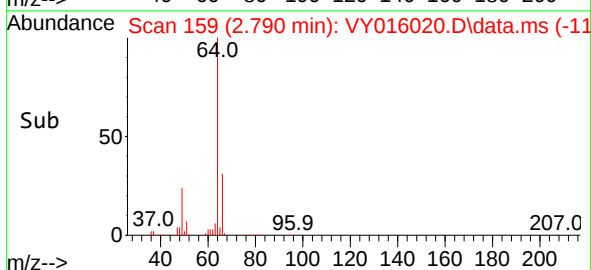
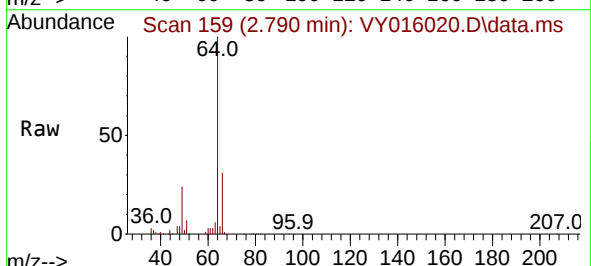
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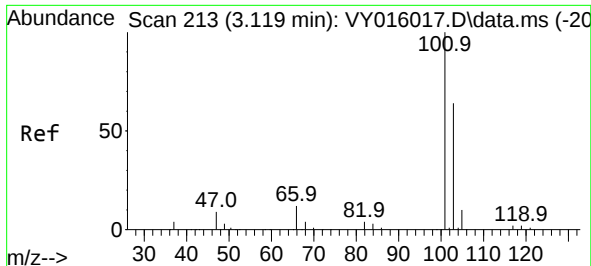
Reviewed By :John Carlone 10/19/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#6
Chloroethane
Concen: 54.845 ug/l
RT: 2.790 min Scan# 159
Delta R.T. -0.000 min
Lab File: VY016020.D
Acq: 18 Oct 2023 14:34

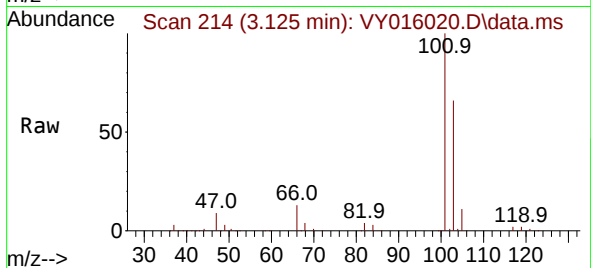
Tgt Ion: 64 Resp: 86270
Ion Ratio Lower Upper
64 100
66 30.9 24.4 36.6





#7
Trichlorofluoromethane
Concen: 50.313 ug/l
RT: 3.125 min Scan# 213
Delta R.T. 0.006 min
Lab File: VY016020.D
Acq: 18 Oct 2023 14:34

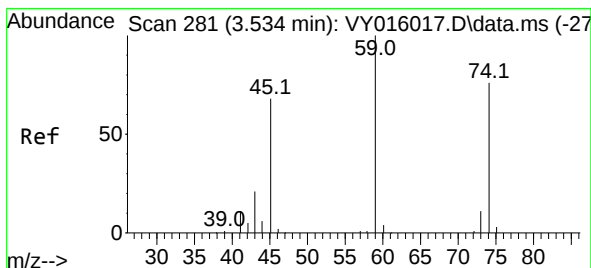
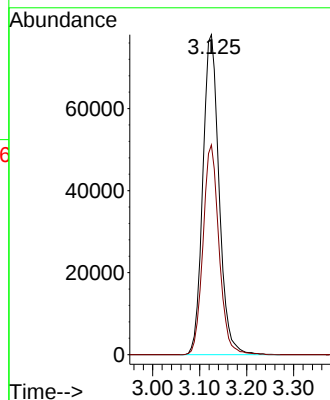
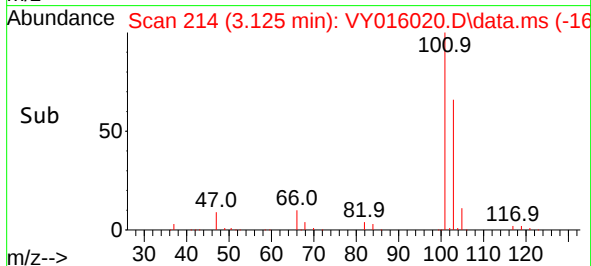
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Tgt Ion:101 Resp: 187300
Ion Ratio Lower Upper
101 100
103 65.6 51.4 77.0

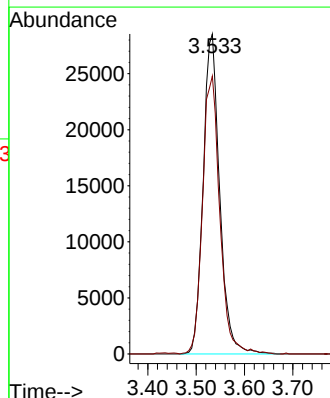
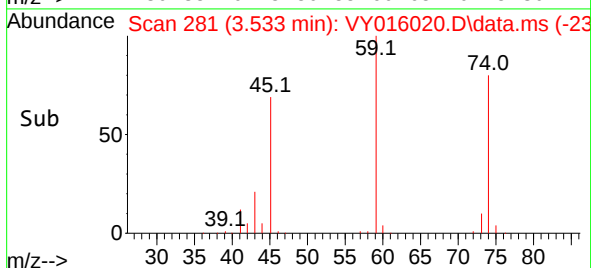
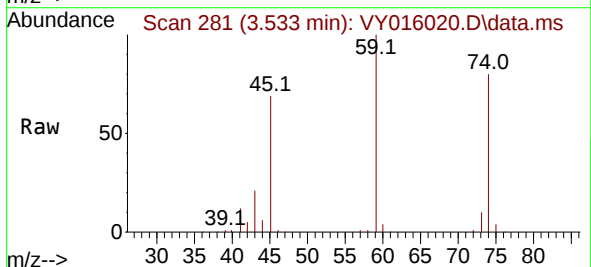
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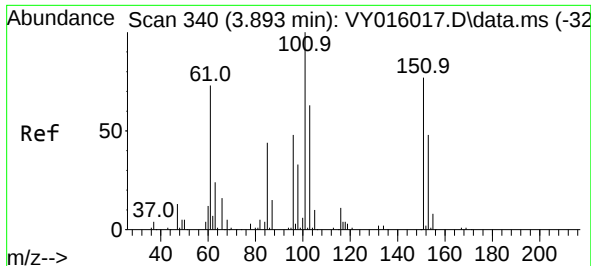
Reviewed By :John Carlone 10/19/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#8
Diethyl Ether
Concen: 51.541 ug/l
RT: 3.533 min Scan# 281
Delta R.T. -0.000 min
Lab File: VY016020.D
Acq: 18 Oct 2023 14:34

Tgt Ion: 74 Resp: 67788
Ion Ratio Lower Upper
74 100
45 90.9 51.5 154.5





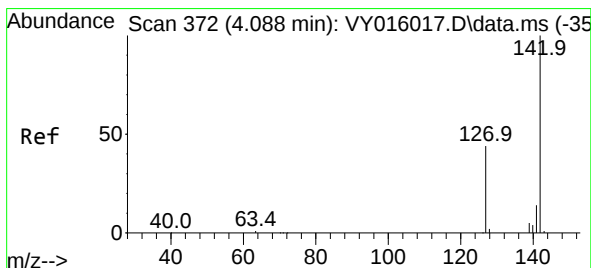
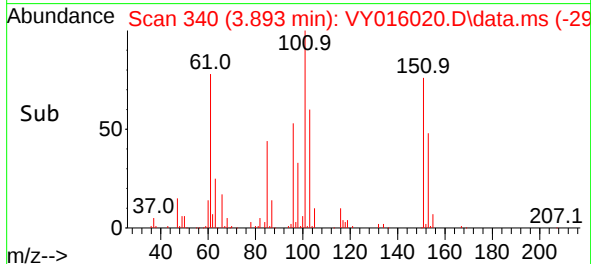
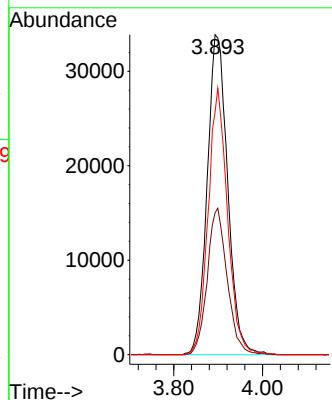
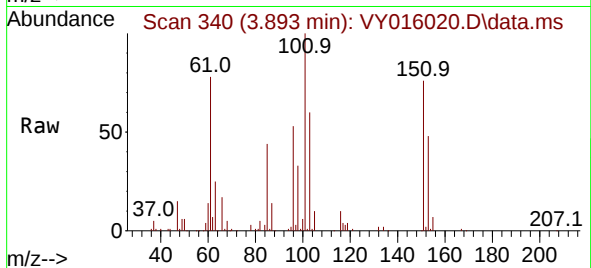
#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.684 ug/l
RT: 3.893 min Scan# 340
Delta R.T. -0.000 min
Lab File: VY016020.D
Acq: 18 Oct 2023 14:34

Instrument :
MSVOA_Y
ClientSampleId :
ICVY101823

Tgt Ion:101 Resp: 108530
Ion Ratio Lower Upper
101 100
85 44.6 36.6 55.0
151 78.7 67.0 100.6

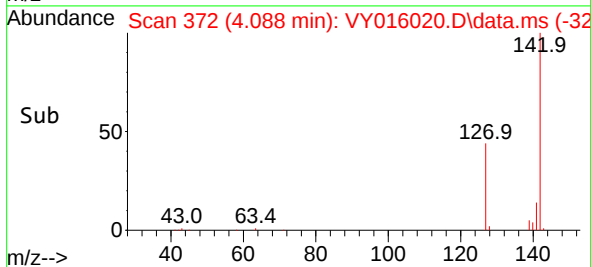
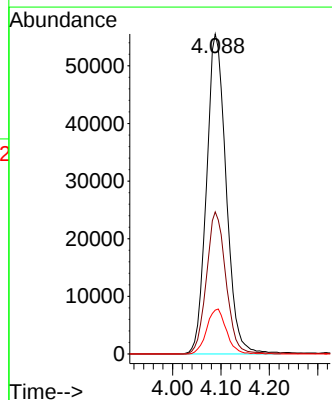
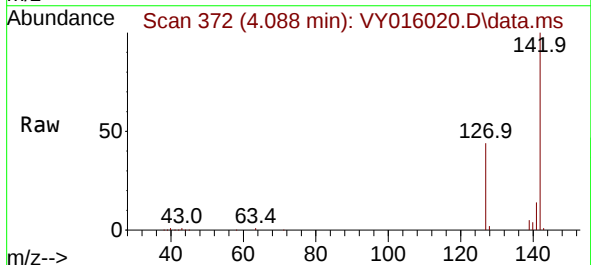
Manual Integrations
APPROVED

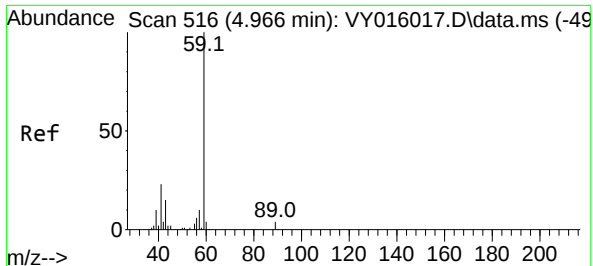
Reviewed By :John Carlone 10/19/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#10
Methyl Iodide
Concen: 55.959 ug/l
RT: 4.088 min Scan# 372
Delta R.T. -0.000 min
Lab File: VY016020.D
Acq: 18 Oct 2023 14:34

Tgt Ion:142 Resp: 156473
Ion Ratio Lower Upper
142 100
127 44.1 37.6 56.4
141 14.1 11.8 17.8





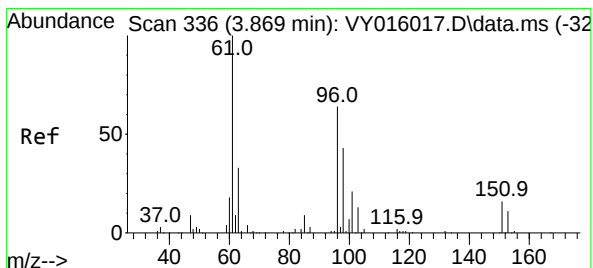
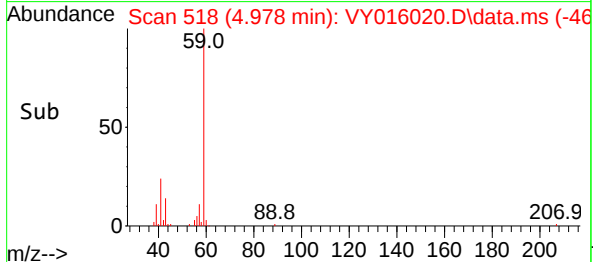
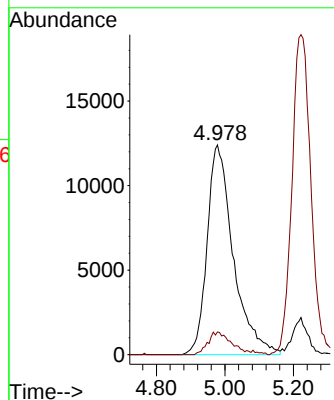
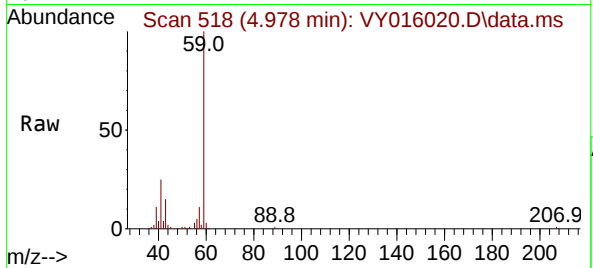
#11
Tert butyl alcohol
Concen: 179.679 ug/l
RT: 4.978 min Scan# 516
Delta R.T. 0.012 min
Lab File: VY016020.D
Acq: 18 Oct 2023 14:34

Instrument :
MSVOA_Y
ClientSampleId :
ICVY101823

Tgt Ion: 59 Resp: 6584
Ion Ratio Lower Upper
59 100
57 9.7 3.0 4.4

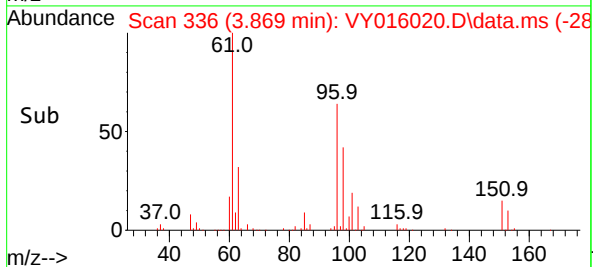
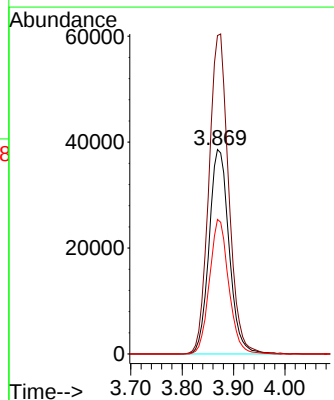
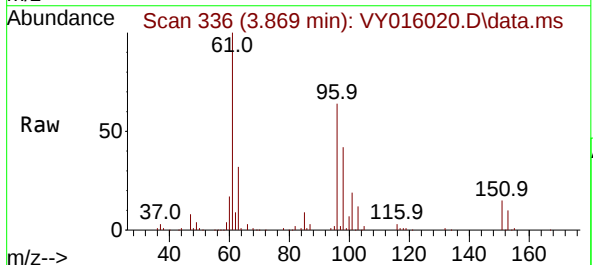
Manual Integrations
APPROVED

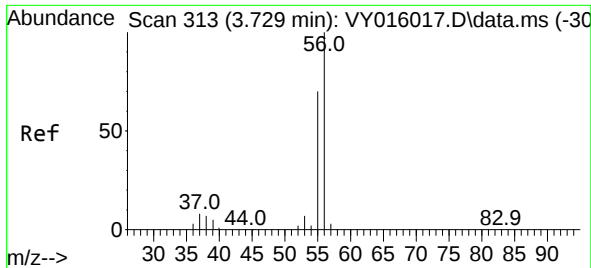
Reviewed By :John Carlone 10/19/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#12
1,1-Dichloroethene
Concen: 52.164 ug/l
RT: 3.869 min Scan# 336
Delta R.T. -0.000 min
Lab File: VY016020.D
Acq: 18 Oct 2023 14:34

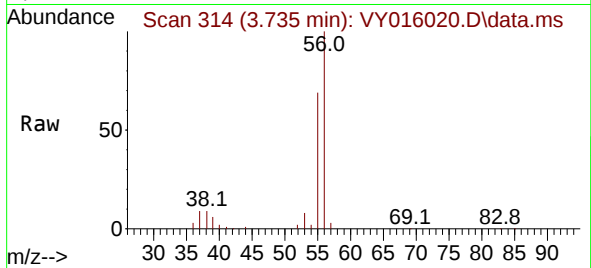
Tgt Ion: 96 Resp: 104519
Ion Ratio Lower Upper
96 100
61 155.7 136.4 204.6
98 65.8 49.4 74.2





#13
Acrolein
Concen: 225.379 ug/l
RT: 3.735 min Scan# 313
Delta R.T. 0.006 min
Lab File: VY016020.D
Acq: 18 Oct 2023 14:34

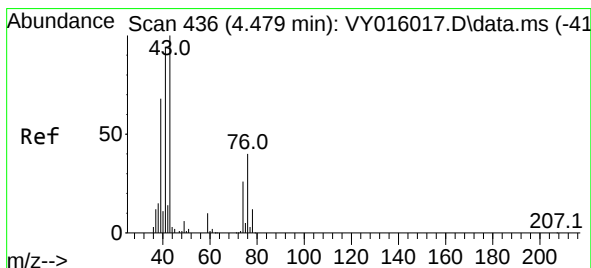
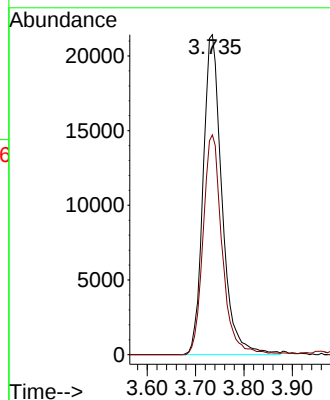
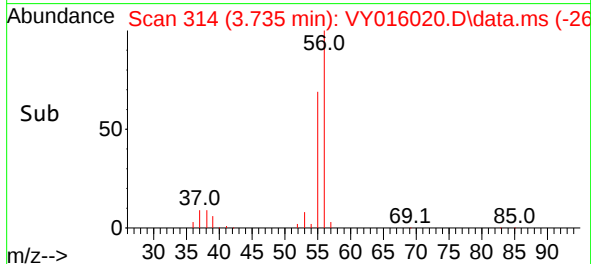
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY101823



Tgt Ion: 56 Resp: 58074
Ion Ratio Lower Upper
56 100
55 69.3 57.0 85.4

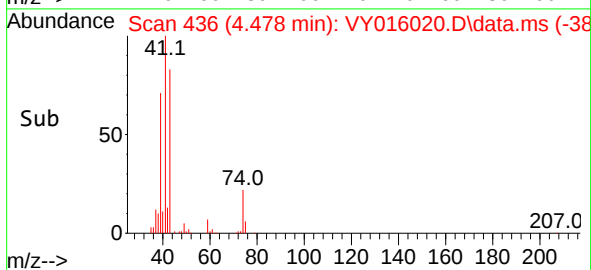
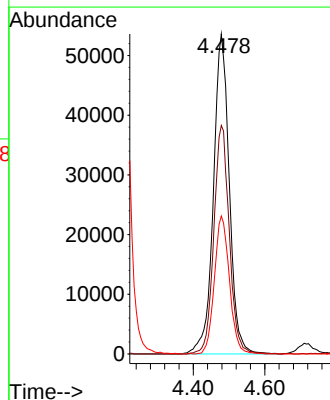
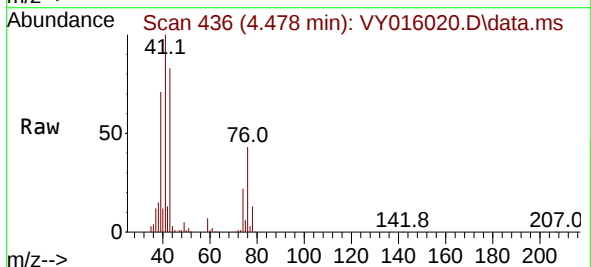
Manual Integrations
APPROVED

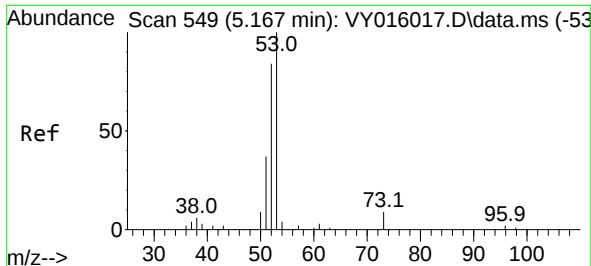
Reviewed By :John Carlone 10/19/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#14
Allyl chloride
Concen: 52.778 ug/l
RT: 4.478 min Scan# 436
Delta R.T. -0.000 min
Lab File: VY016020.D
Acq: 18 Oct 2023 14:34

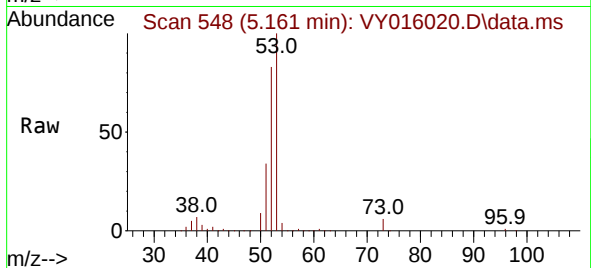
Tgt Ion: 41 Resp: 165358
Ion Ratio Lower Upper
41 100
39 69.5 58.0 87.0
76 40.8 27.4 41.2





#15
Acrylonitrile
Concen: 233.078 ug/l
RT: 5.161 min Scan# 549
Delta R.T. -0.006 min
Lab File: VY016020.D
Acq: 18 Oct 2023 14:34

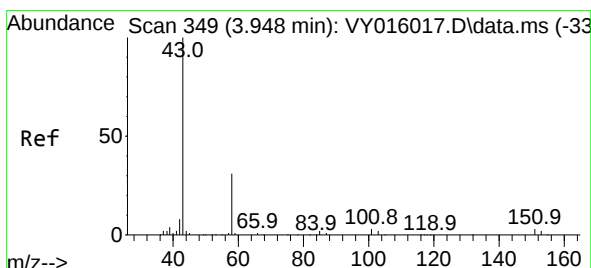
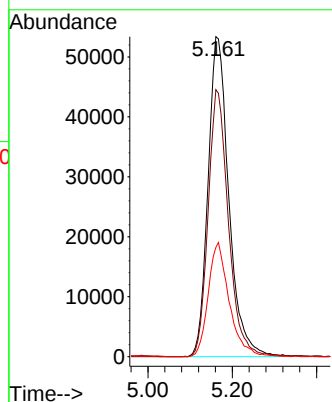
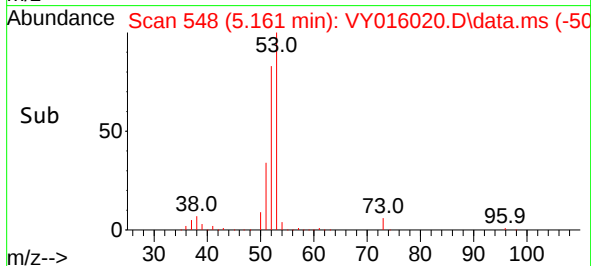
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY101823



Tgt Ion: 53 Resp: 182880
Ion Ratio Lower Upper
53 100
52 81.5 66.9 100.3
51 36.1 29.8 44.6

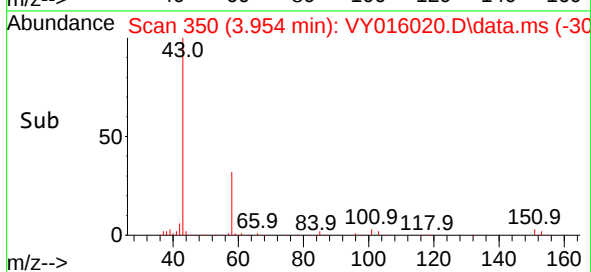
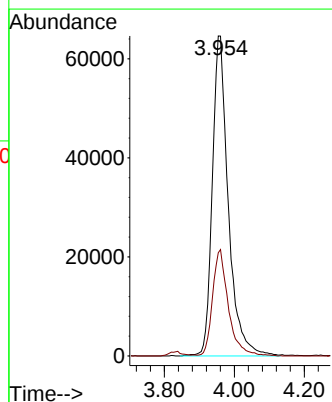
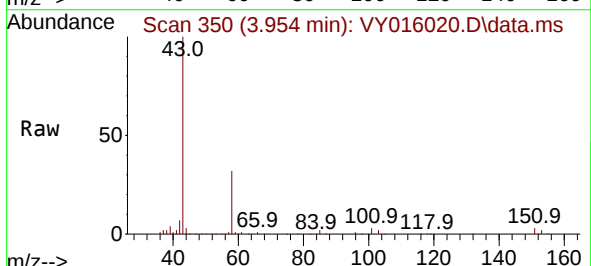
Manual Integrations
APPROVED

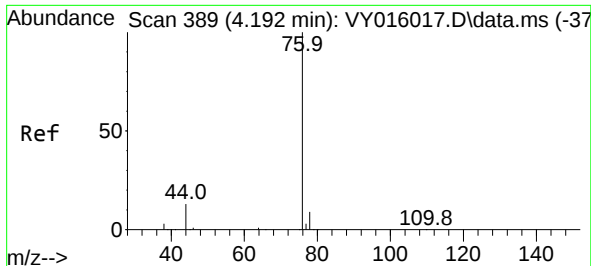
Reviewed By :John Carlone 10/19/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#16
Acetone
Concen: 232.825 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.006 min
Lab File: VY016020.D
Acq: 18 Oct 2023 14:34

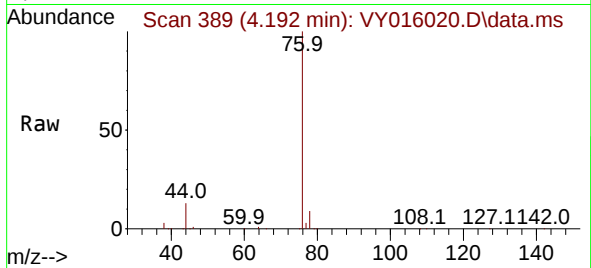
Tgt Ion: 43 Resp: 204873
Ion Ratio Lower Upper
43 100
58 32.2 22.7 34.1





#17
Carbon Disulfide
Concen: 52.194 ug/l
RT: 4.192 min Scan# 389
Delta R.T. -0.000 min
Lab File: VY016020.D
Acq: 18 Oct 2023 14:34

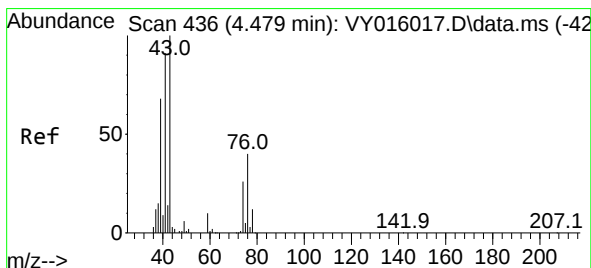
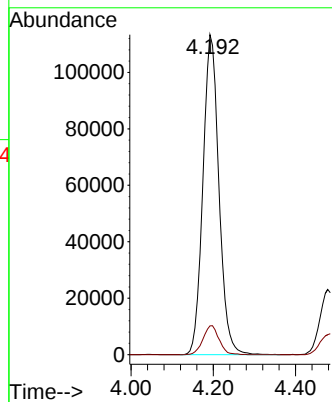
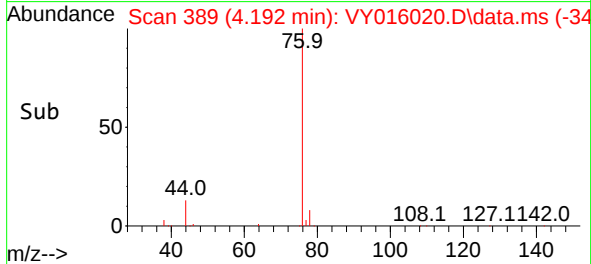
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY101823



Tgt Ion: 76 Resp: 306374
Ion Ratio Lower Upper
76 100
78 9.0 7.0 10.4

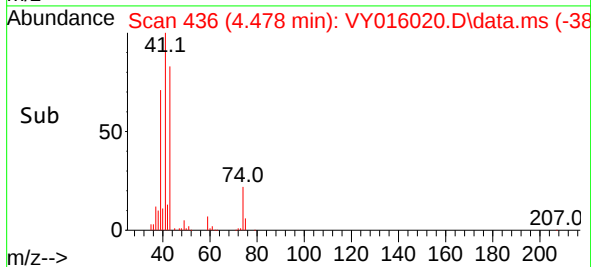
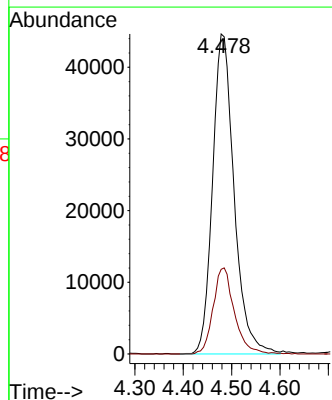
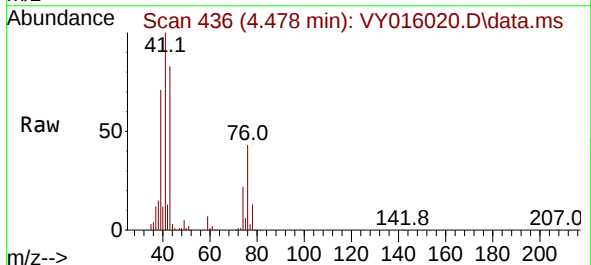
Manual Integrations
APPROVED

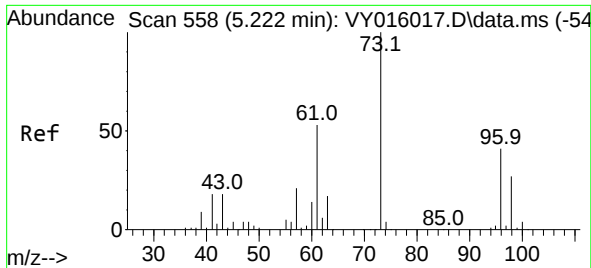
Reviewed By :John Carlone 10/19/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#18
Methyl Acetate
Concen: 45.629 ug/l
RT: 4.478 min Scan# 436
Delta R.T. -0.000 min
Lab File: VY016020.D
Acq: 18 Oct 2023 14:34

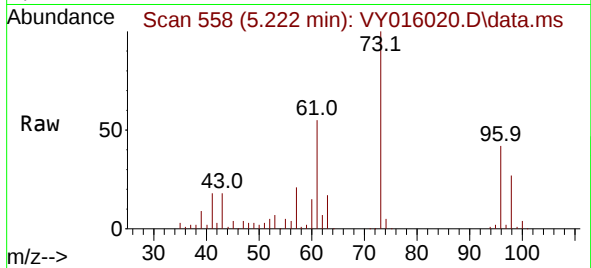
Tgt Ion: 43 Resp: 138194
Ion Ratio Lower Upper
43 100
74 26.5 17.4 26.0#





#19
Methyl tert-butyl Ether
Concen: 51.890 ug/l
RT: 5.222 min Scan# 51
Delta R.T. -0.000 min
Lab File: VY016020.D
Acq: 18 Oct 2023 14:34

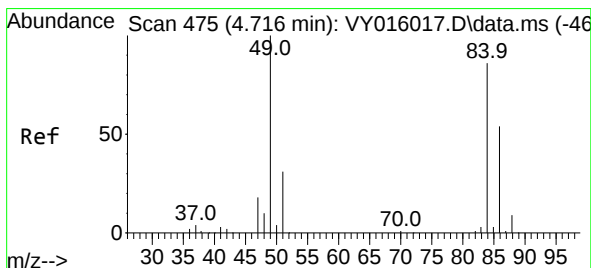
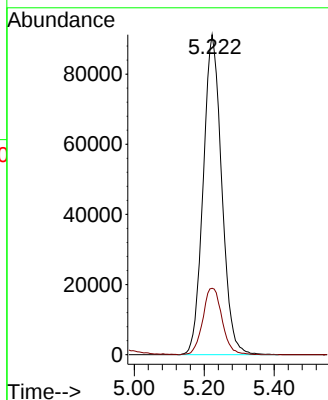
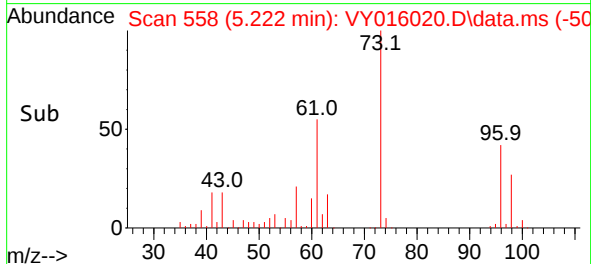
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY101823



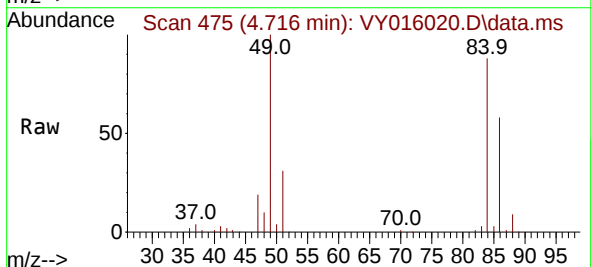
Tgt Ion: 73 Resp: 335415
Ion Ratio Lower Upper
73 100
57 20.7 17.3 25.9

Manual Integrations
APPROVED

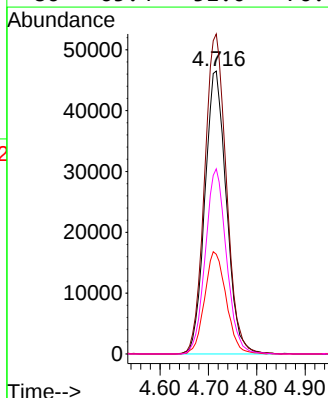
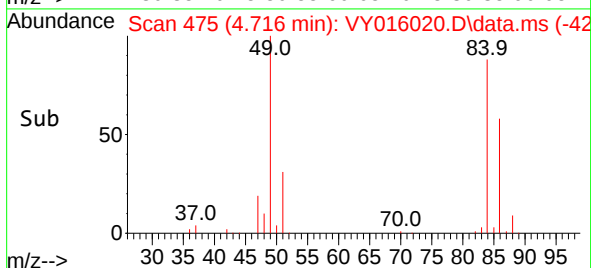
Reviewed By :John Carlone 10/19/2023
Supervised By :Semsettin Yesilyurt 10/20/2023

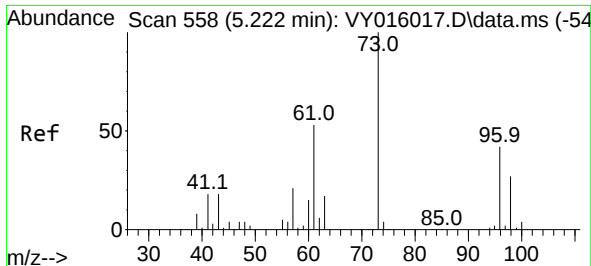


#20
Methylene Chloride
Concen: 54.967 ug/l
RT: 4.716 min Scan# 475
Delta R.T. -0.000 min
Lab File: VY016020.D
Acq: 18 Oct 2023 14:34



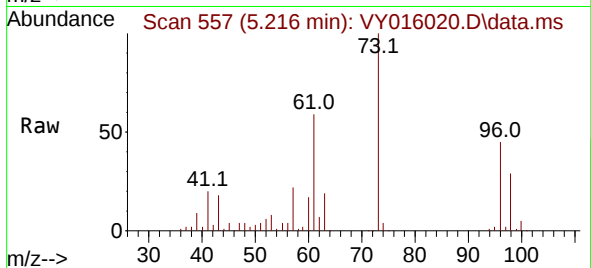
Tgt Ion: 84 Resp: 143688
Ion Ratio Lower Upper
84 100
49 113.0 106.9 160.3
51 35.2 33.2 49.8
86 65.4 51.0 76.6





#21
trans-1,2-Dichloroethene
Concen: 52.470 ug/l
RT: 5.216 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY016020.D
Acq: 18 Oct 2023 14:34

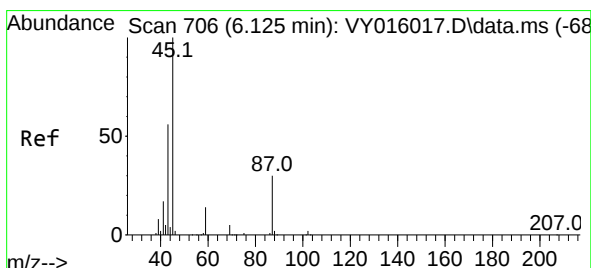
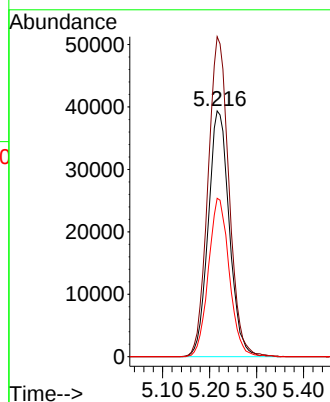
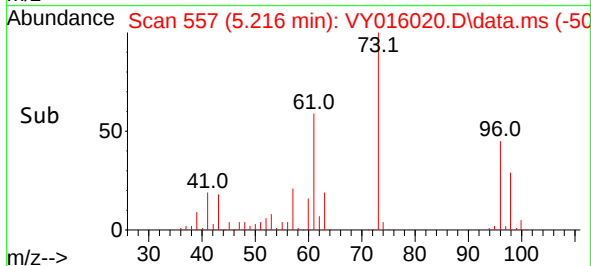
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY101823



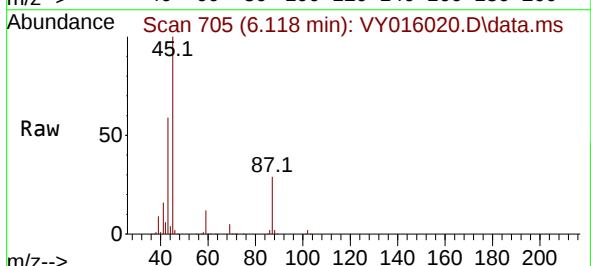
Tgt Ion: 96 Resp: 122429
Ion Ratio Lower Upper
96 100
61 130.2 110.2 165.4
98 64.4 51.8 77.6

Manual Integrations
APPROVED

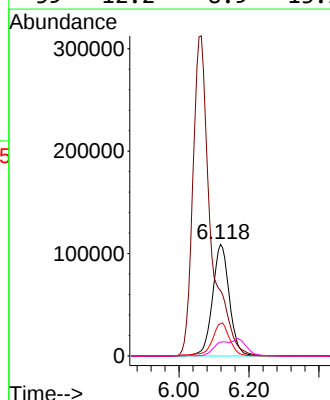
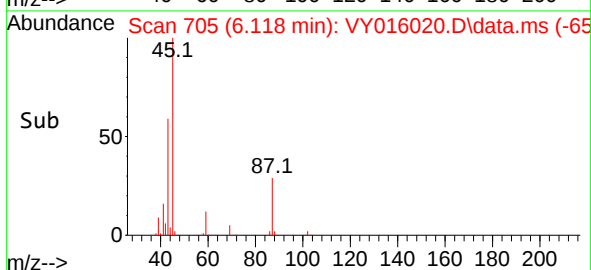
Reviewed By :John Carlone 10/19/2023
Supervised By :Semsettin Yesilyurt 10/20/2023

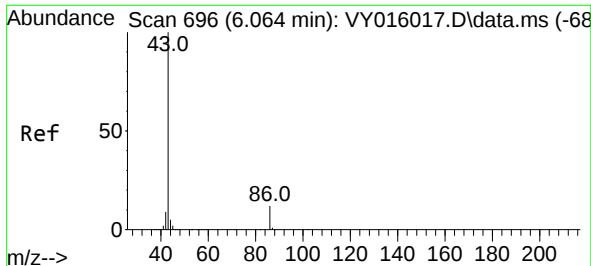


#22
Diisopropyl ether
Concen: 53.331 ug/l
RT: 6.118 min Scan# 705
Delta R.T. -0.006 min
Lab File: VY016020.D
Acq: 18 Oct 2023 14:34



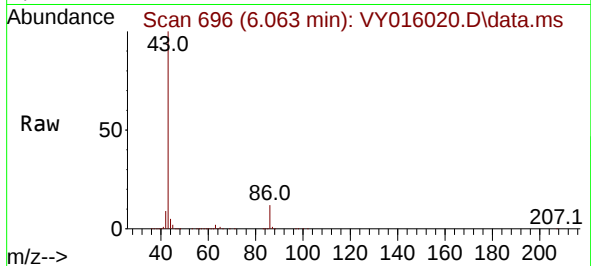
Tgt Ion: 45 Resp: 363832
Ion Ratio Lower Upper
45 100
43 58.4 52.2 78.4
87 29.1 21.0 31.6
59 12.2 8.9 13.3





#23
 Vinyl Acetate
 Concen: 260.029 ug/l
 RT: 6.063 min Scan# 696
 Delta R.T. -0.000 min
 Lab File: VY016020.D
 Acq: 18 Oct 2023 14:34

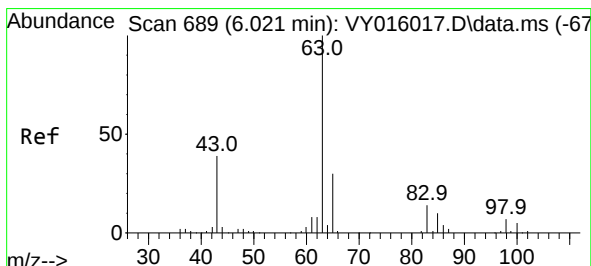
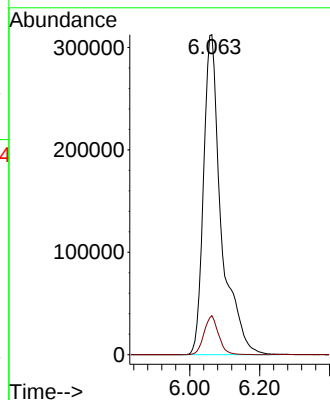
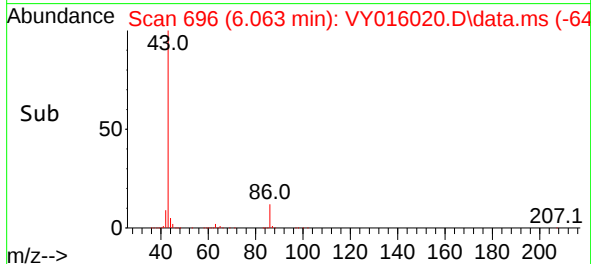
Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY101823



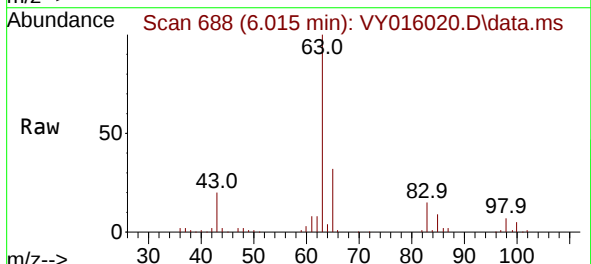
Tgt Ion: 43 Resp: 110040
 Ion Ratio Lower Upper
 43 100
 86 12.2 7.5 11.3

Manual Integrations
 APPROVED

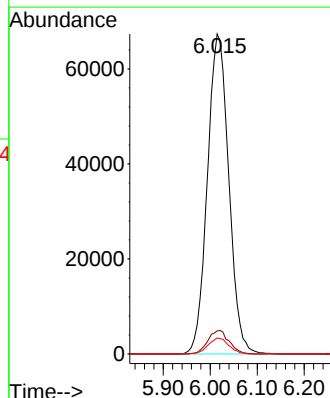
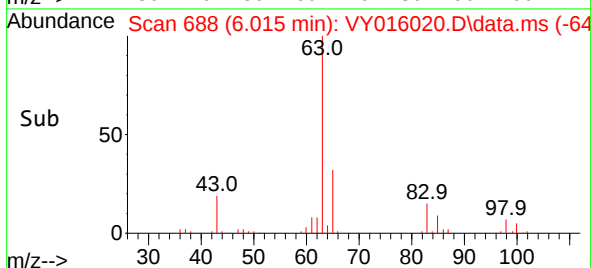
Reviewed By :John Carlone 10/19/2023
 Supervised By :Semsettin Yesilyurt 10/20/2023

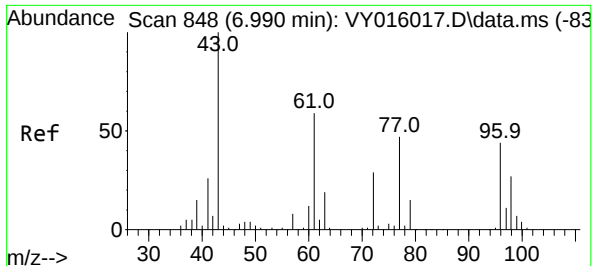


#24
 1,1-Dichloroethane
 Concen: 52.567 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. -0.006 min
 Lab File: VY016020.D
 Acq: 18 Oct 2023 14:34



Tgt Ion: 63 Resp: 212750
 Ion Ratio Lower Upper
 63 100
 98 7.2 3.1 9.4
 100 5.0 1.8 5.5





#25

2-Butanone

Concen: 226.873 ug/l

RT: 6.984 min Scan# 847

Delta R.T. -0.006 min

Lab File: VY016020.D

Acq: 18 Oct 2023 14:34

Instrument :

MSVOA_Y

ClientSampleId :

ICVY01823

Tgt Ion: 43 Resp: 27344

Ion Ratio Lower Upper

43 100

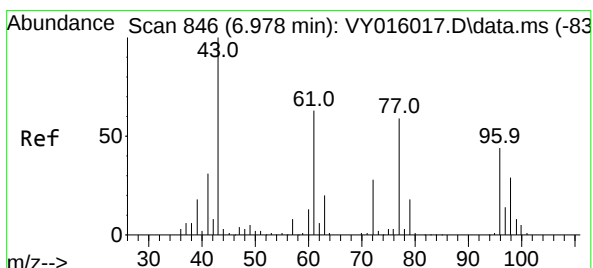
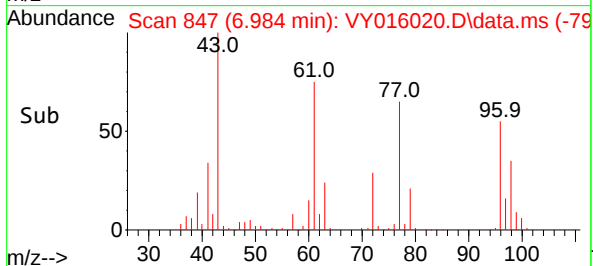
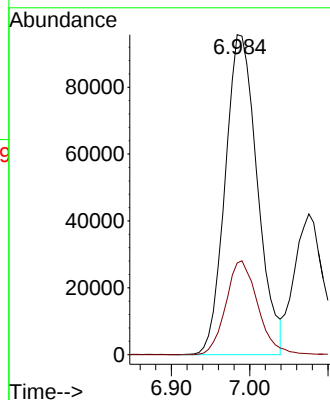
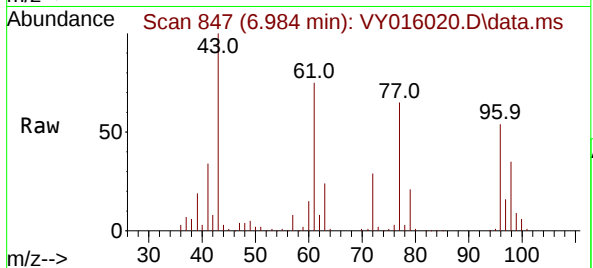
72 28.7 20.5 30.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/19/2023

Supervised By :Semsettin Yesilyurt 10/20/2023



#26

2,2-Dichloropropane

Concen: 52.710 ug/l

RT: 6.978 min Scan# 846

Delta R.T. -0.000 min

Lab File: VY016020.D

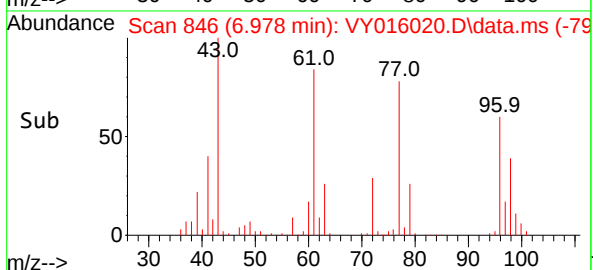
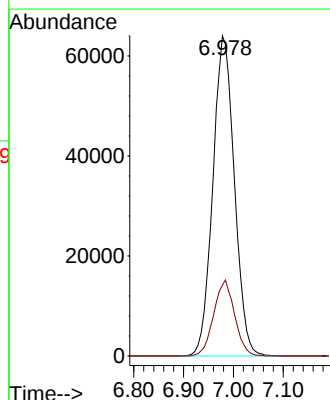
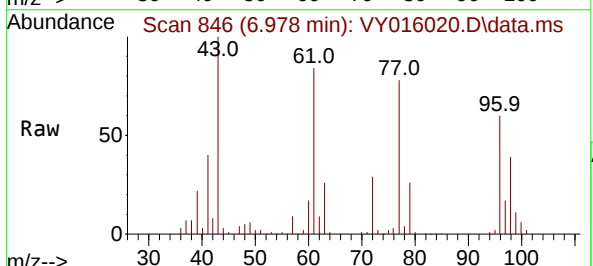
Acq: 18 Oct 2023 14:34

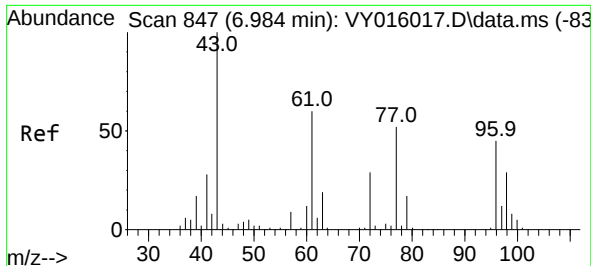
Tgt Ion: 77 Resp: 191940

Ion Ratio Lower Upper

77 100

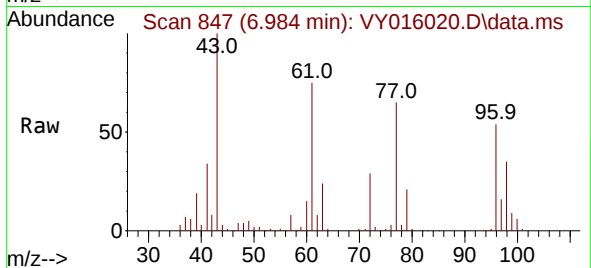
97 22.9 10.9 32.9





#27
 cis-1,2-Dichloroethene
 Concen: 52.574 ug/l
 RT: 6.984 min Scan# 847
 Delta R.T. -0.000 min
 Lab File: VY016020.D
 Acq: 18 Oct 2023 14:34

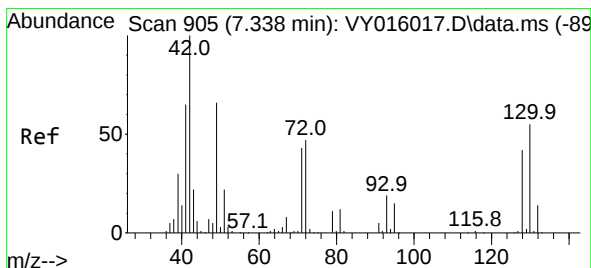
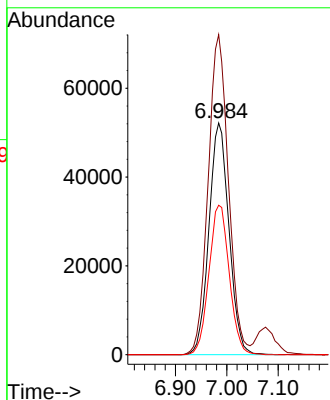
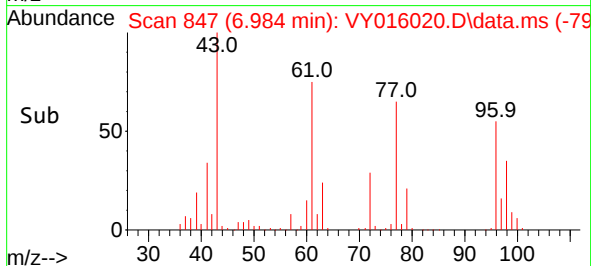
Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY101823



Tgt Ion: 96 Resp: 141270
 Ion Ratio Lower Upper
 96 100
 61 140.0 0.0 301.4
 98 65.6 0.0 130.4

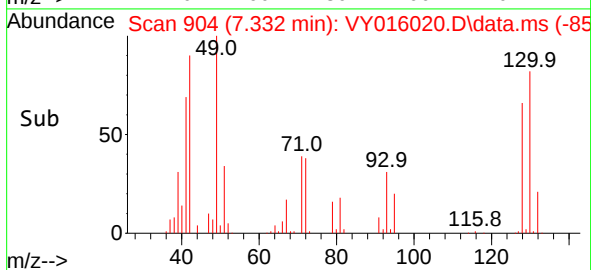
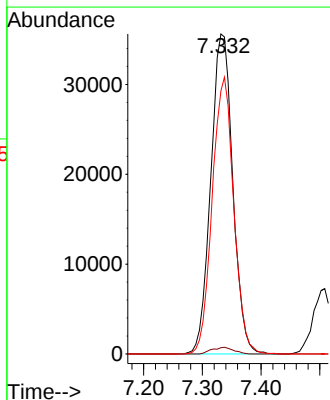
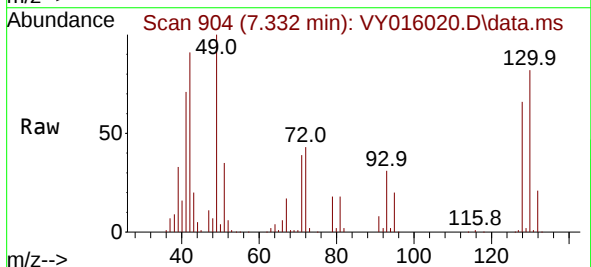
Manual Integrations
 APPROVED

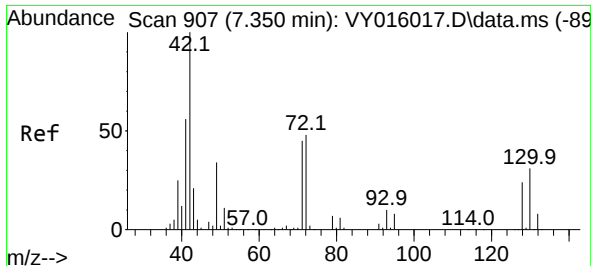
Reviewed By :John Carlone 10/19/2023
 Supervised By :Semsettin Yesilyurt 10/20/2023



#28
 Bromochloromethane
 Concen: 53.504 ug/l
 RT: 7.332 min Scan# 904
 Delta R.T. -0.006 min
 Lab File: VY016020.D
 Acq: 18 Oct 2023 14:34

Tgt Ion: 49 Resp: 92610
 Ion Ratio Lower Upper
 49 100
 129 2.1 0.0 4.6
 130 84.5 60.7 91.1





#29

Tetrahydrofuran

Concen: 225.064 ug/l

RT: 7.350 min Scan# 907

Delta R.T. -0.000 min

Lab File: VY016020.D

Acq: 18 Oct 2023 14:34

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY101823

Tgt Ion: 42 Resp: 164198

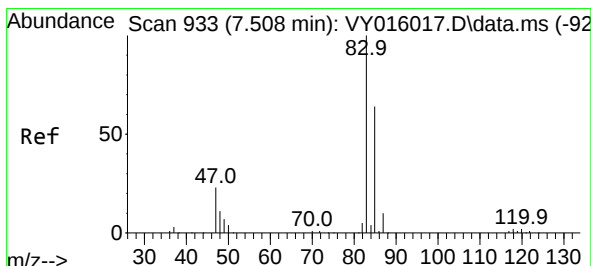
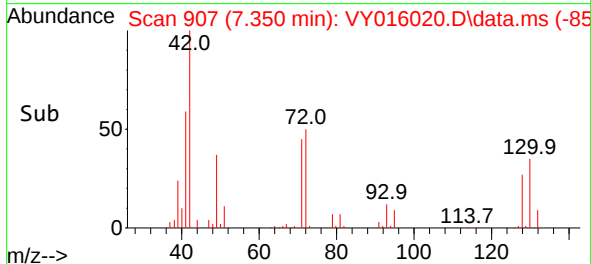
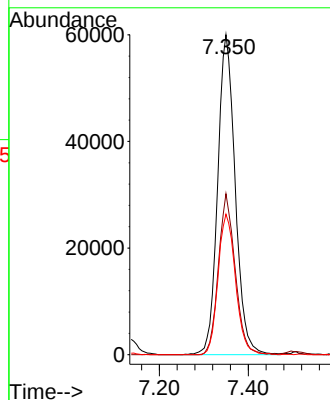
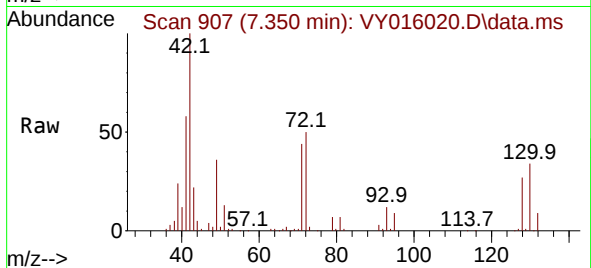
Ion	Ratio	Lower	Upper
42	100		
72	48.0	32.8	49.2
71	43.8	31.0	46.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/19/2023

Supervised By :Semsettin Yesilyurt 10/20/2023



#30

Chloroform

Concen: 52.399 ug/l

RT: 7.502 min Scan# 932

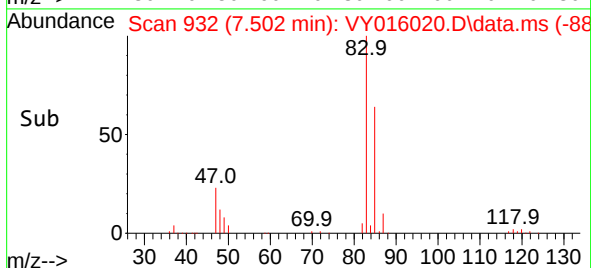
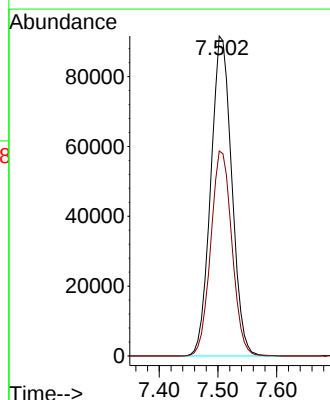
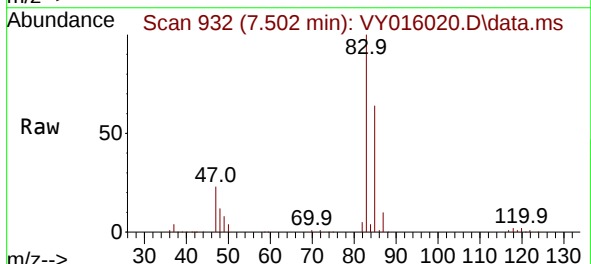
Delta R.T. -0.006 min

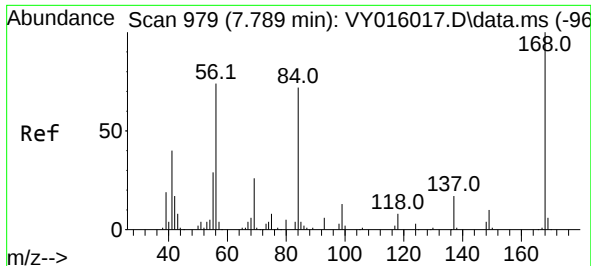
Lab File: VY016020.D

Acq: 18 Oct 2023 14:34

Tgt Ion: 83 Resp: 227385

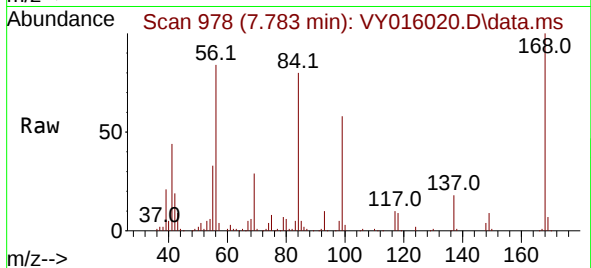
Ion	Ratio	Lower	Upper
83	100		
85	64.1	49.7	74.5





#31
Cyclohexane
Concen: 48.542 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY016020.D
Acq: 18 Oct 2023 14:34

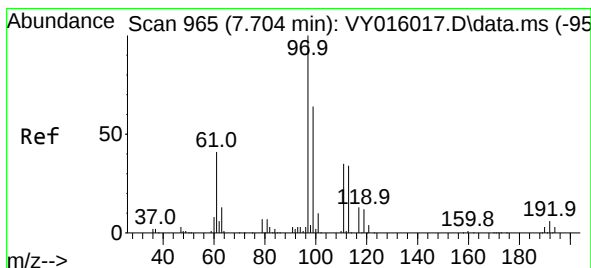
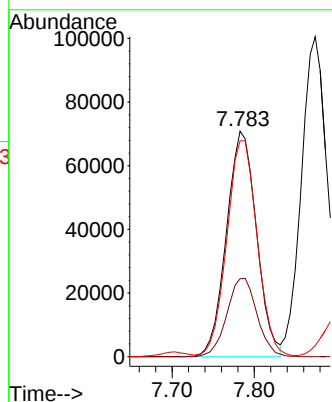
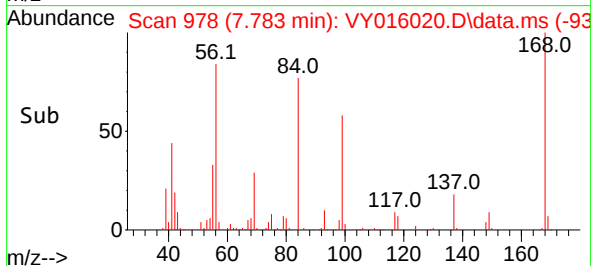
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY101823



Tgt Ion: 56 Resp: 18035
Ion Ratio Lower Upper
56 100
69 34.6 27.8 41.6
84 94.1 66.4 99.6

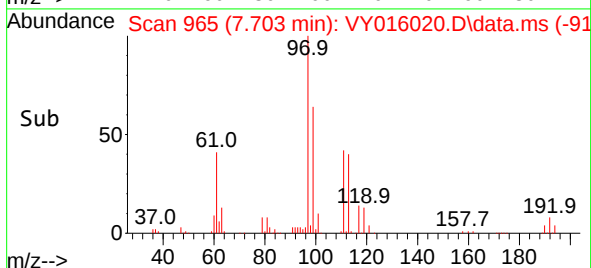
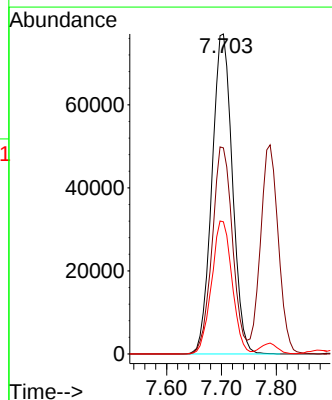
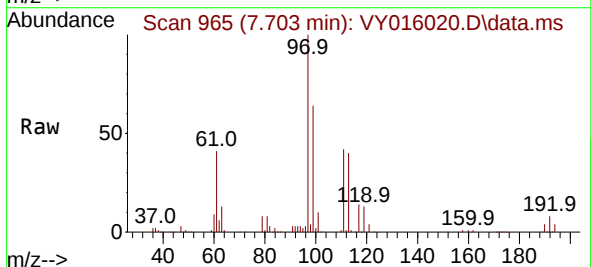
Manual Integrations
APPROVED

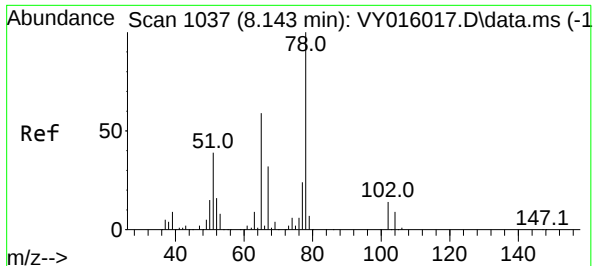
Reviewed By :John Carlone 10/19/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#32
1,1,1-Trichloroethane
Concen: 51.388 ug/l
RT: 7.703 min Scan# 965
Delta R.T. -0.000 min
Lab File: VY016020.D
Acq: 18 Oct 2023 14:34

Tgt Ion: 97 Resp: 199526
Ion Ratio Lower Upper
97 100
99 64.4 50.8 76.2
61 41.6 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 47.253 ug/l

RT: 8.142 min Scan# 1037

Delta R.T. -0.000 min

Lab File: VY016020.D

Acq: 18 Oct 2023 14:34

Instrument :

MSVOA_Y

ClientSampleId :

ICVY01823

Tgt Ion: 65 Resp: 112169

Ion Ratio Lower Upper

65 100

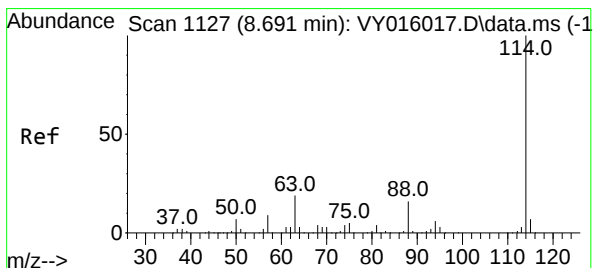
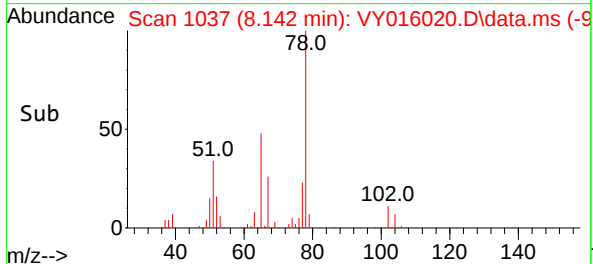
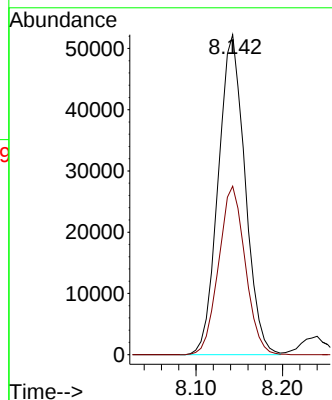
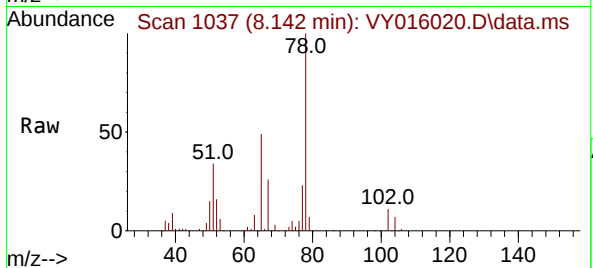
67 52.3 0.0 101.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/19/2023

Supervised By :Semsettin Yesilyurt 10/20/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VY016020.D

Acq: 18 Oct 2023 14:34

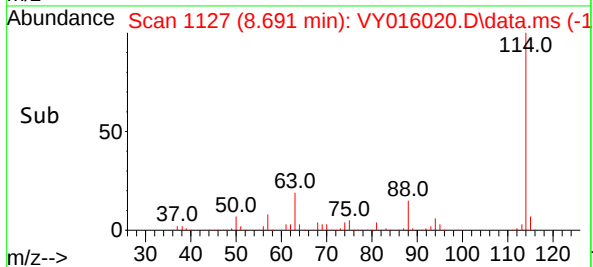
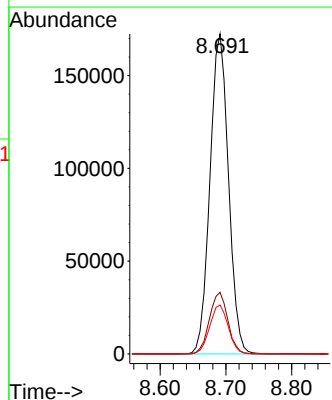
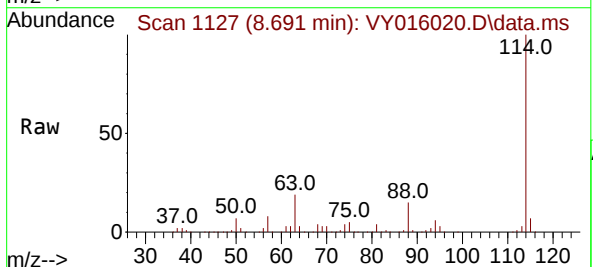
Tgt Ion:114 Resp: 337825

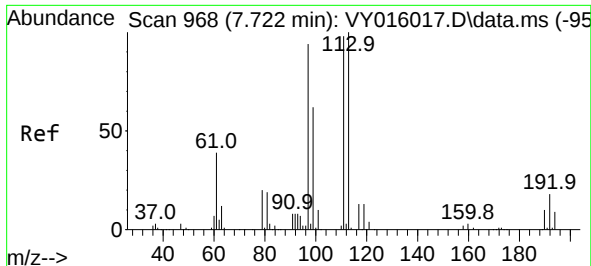
Ion Ratio Lower Upper

114 100

63 19.2 0.0 42.4

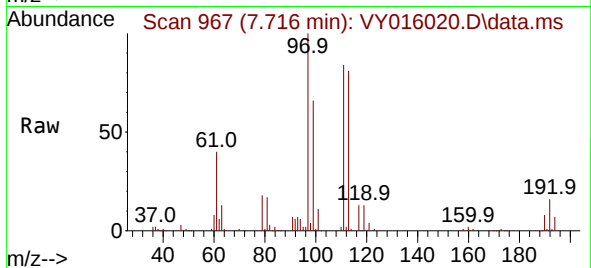
88 15.3 0.0 30.6





#35
Dibromofluoromethane
Concen: 48.614 ug/l
RT: 7.716 min Scan# 90
Delta R.T. -0.006 min
Lab File: VY016020.D
Acq: 18 Oct 2023 14:34

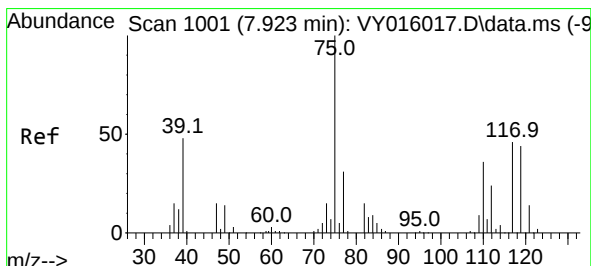
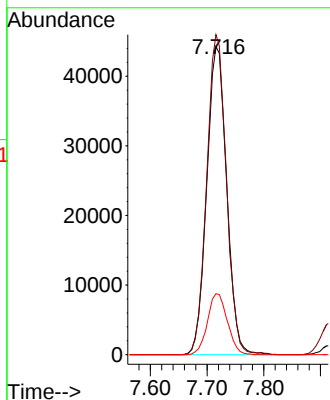
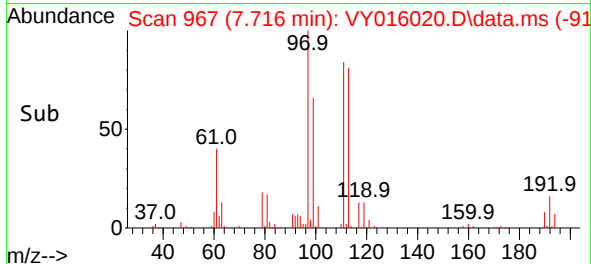
Instrument :
MSVOA_Y
ClientSampleId :
ICVY101823



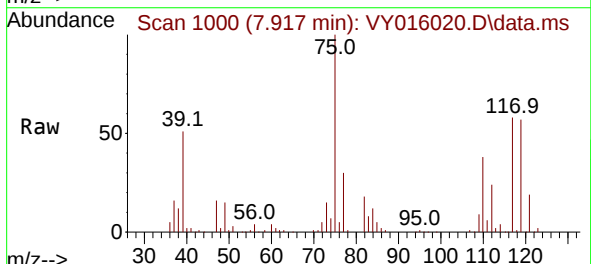
Tgt Ion:113 Resp: 108098
Ion Ratio Lower Upper
113 100
111 102.3 81.3 121.9
192 19.7 16.9 25.3

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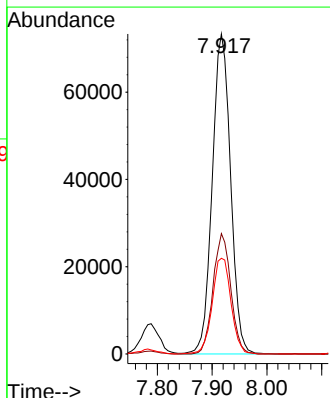
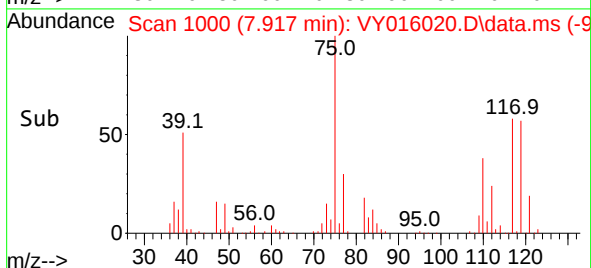
Reviewed By :John Carlone 10/19/2023
Supervised By :Semsettin Yesilyurt 10/20/2023

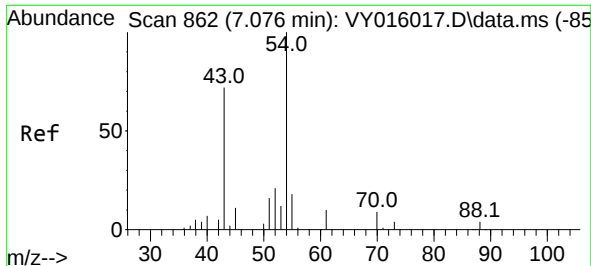


#36
1,1-Dichloropropene
Concen: 50.931 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. -0.006 min
Lab File: VY016020.D
Acq: 18 Oct 2023 14:34



Tgt Ion: 75 Resp: 170384
Ion Ratio Lower Upper
75 100
110 36.3 17.8 53.5
77 30.7 24.4 36.6





#37

Ethyl Acetate

Concen: 47.075 ug/l

RT: 7.075 min Scan# 80

Delta R.T. -0.000 min

Lab File: VY016020.D

Acq: 18 Oct 2023 14:34

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY101823

Tgt Ion: 43 Resp: 113519

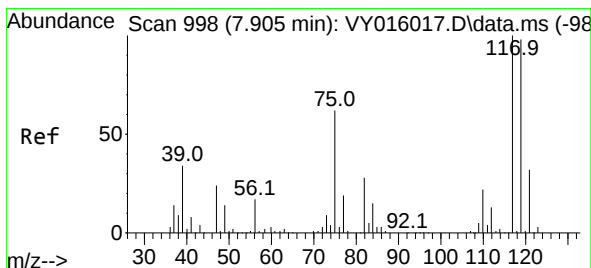
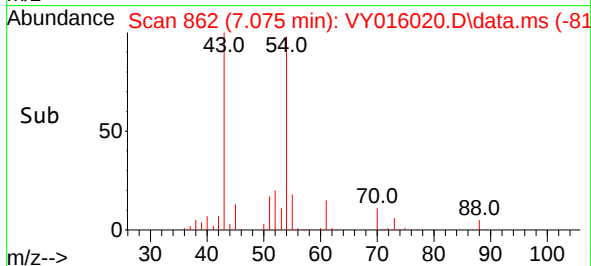
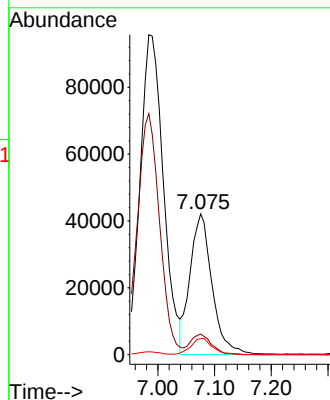
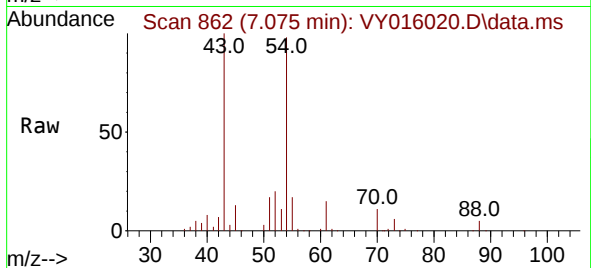
Ion	Ratio	Lower	Upper
43	100		
61	14.1	10.1	15.1
70	11.2	7.1	10.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/19/2023

Supervised By :Semsettin Yesilyurt 10/20/2023



#38

Carbon Tetrachloride

Concen: 51.035 ug/l

RT: 7.898 min Scan# 997

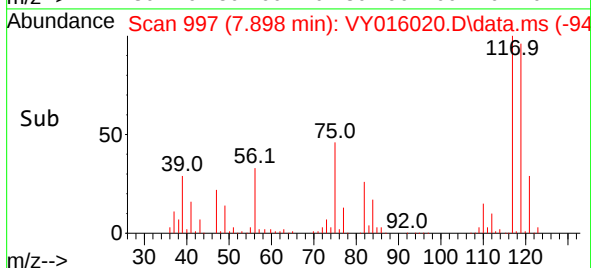
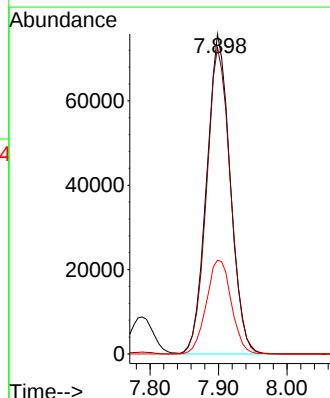
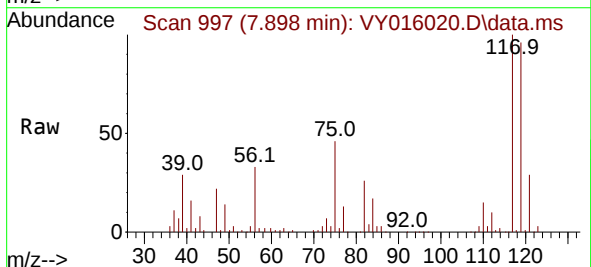
Delta R.T. -0.006 min

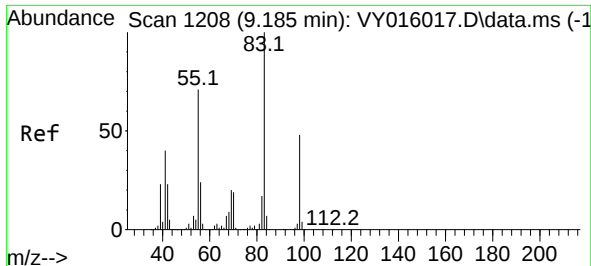
Lab File: VY016020.D

Acq: 18 Oct 2023 14:34

Tgt Ion:117 Resp: 181466

Ion	Ratio	Lower	Upper
117	100		
119	95.7	76.4	114.6
121	29.3	25.8	38.6





#39

Methylcyclohexane

Concen: 50.712 ug/l

RT: 9.185 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY016020.D

Acq: 18 Oct 2023 14:34

Instrument :

MSVOA_Y

ClientSampleId :

ICVY101823

Tgt Ion: 83 Resp: 212019

Ion Ratio Lower Upper

83 100

55 70.7 63.0 94.4

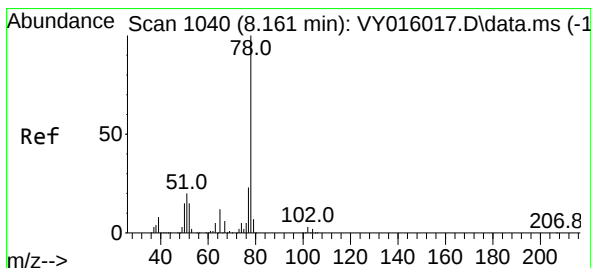
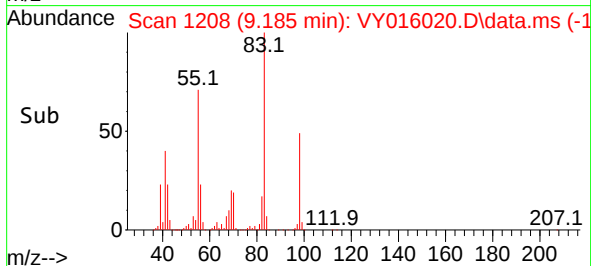
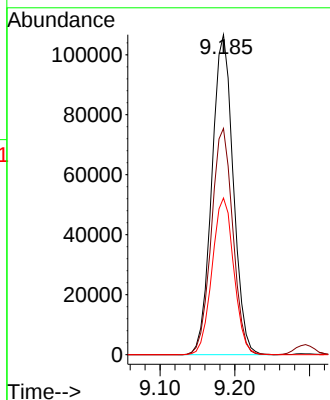
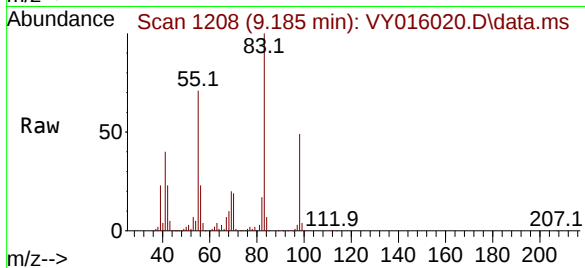
98 49.0 37.4 56.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/19/2023

Supervised By :Semsettin Yesilyurt 10/20/2023



#40

Benzene

Concen: 52.402 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VY016020.D

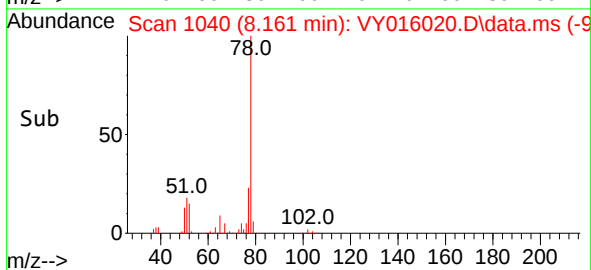
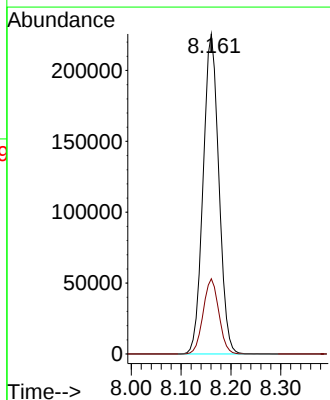
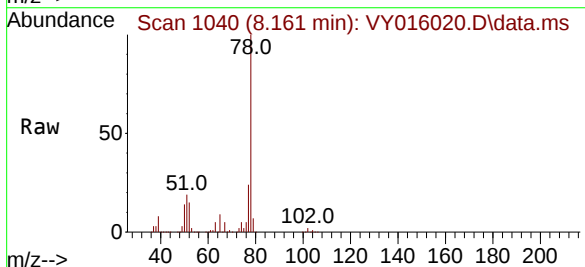
Acq: 18 Oct 2023 14:34

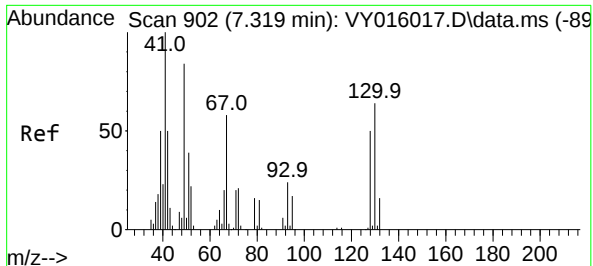
Tgt Ion: 78 Resp: 494089

Ion Ratio Lower Upper

78 100

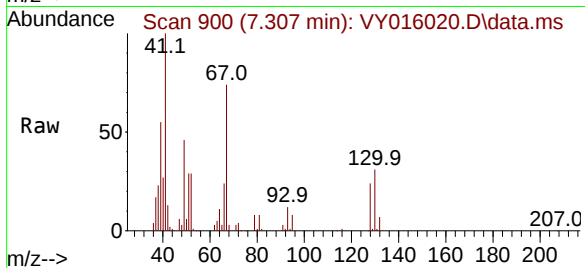
77 23.5 19.0 28.6





#41
Methacrylonitrile
Concen: 48.918 ug/l m
RT: 7.307 min Scan# 902
Delta R.T. -0.012 min
Lab File: VY016020.D
Acq: 18 Oct 2023 14:34

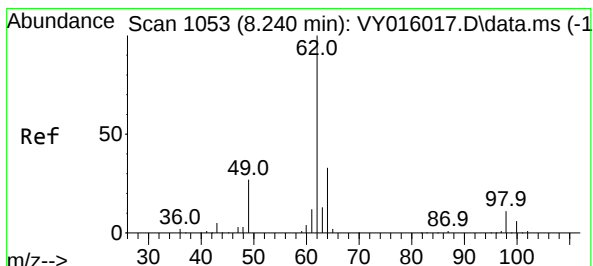
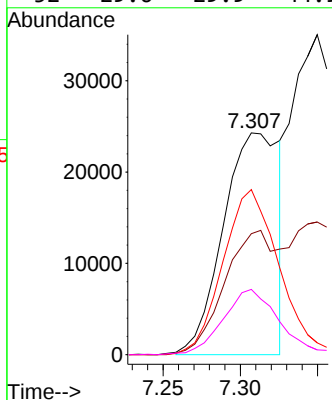
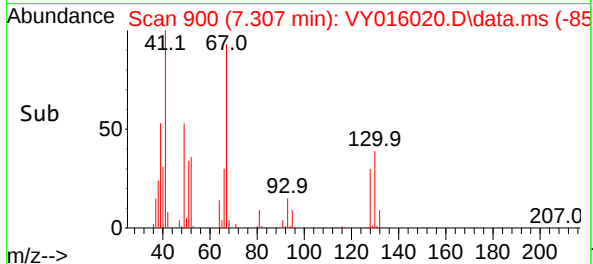
Instrument :
MSVOA_Y
ClientSampleId :
ICVY101823



Tgt Ion: 41 Resp: 61194
Ion Ratio Lower Upper
41 100
39 53.0 52.1 78.1
67 75.1 66.2 99.2
52 29.6 29.9 44.9#

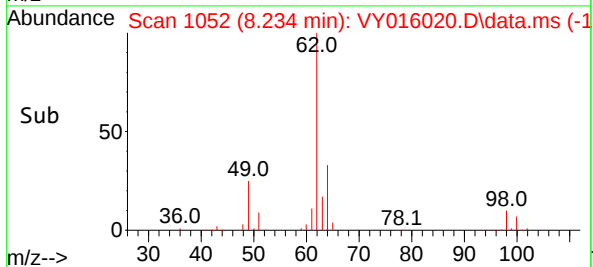
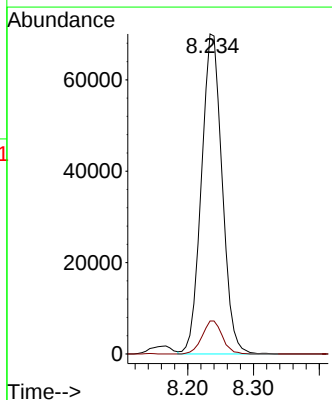
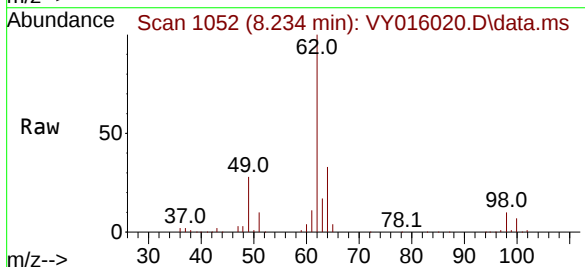
Manual Integrations
APPROVED

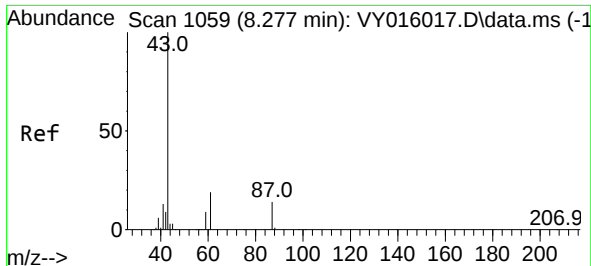
Reviewed By :John Carlone 10/19/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#42
1,2-Dichloroethane
Concen: 50.460 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. -0.006 min
Lab File: VY016020.D
Acq: 18 Oct 2023 14:34

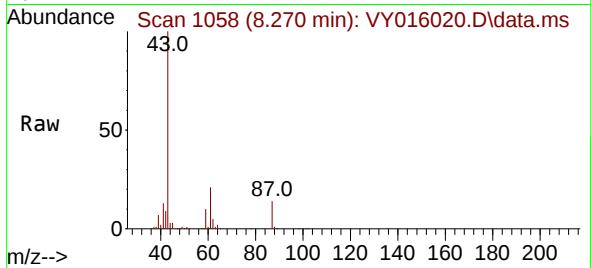
Tgt Ion: 62 Resp: 153258
Ion Ratio Lower Upper
62 100
98 10.0 0.0 15.8





#43
Isopropyl Acetate
Concen: 48.268 ug/l
RT: 8.270 min Scan# 1058
Delta R.T. -0.006 min
Lab File: VY016020.D
Acq: 18 Oct 2023 14:34

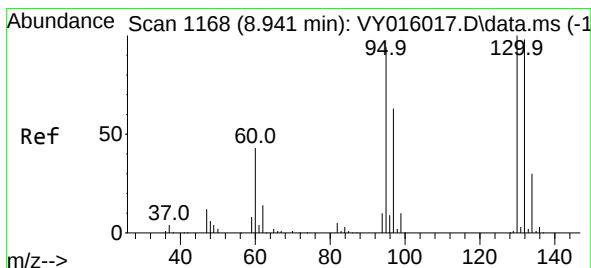
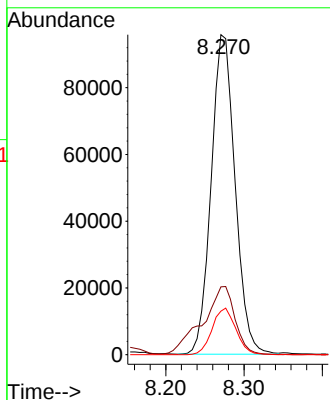
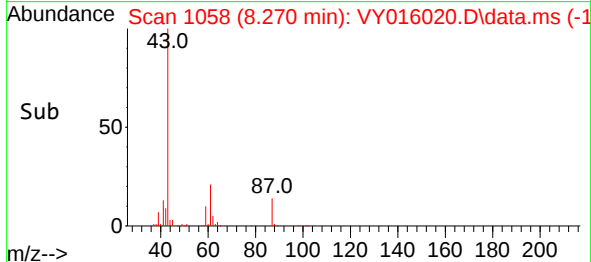
Instrument :
MSVOA_Y
ClientSampleId :
ICVY101823



Tgt Ion: 43 Resp: 20350
Ion Ratio Lower Upper
43 100
61 29.1 21.1 31.7
87 14.4 9.8 14.8

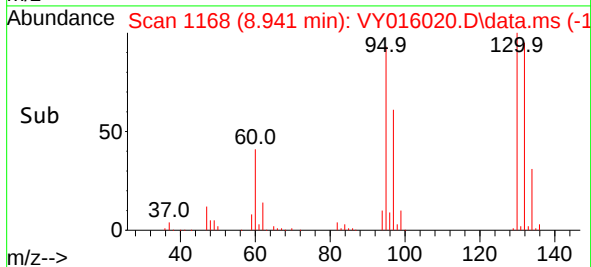
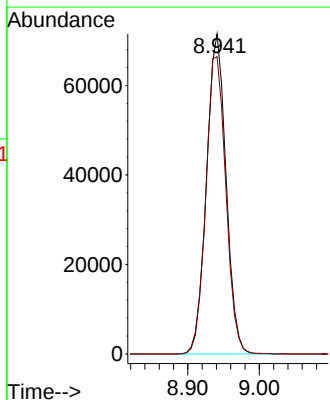
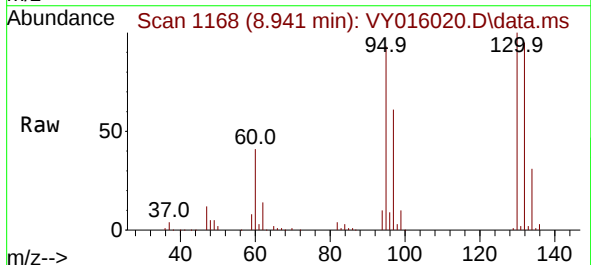
Manual Integrations
APPROVED

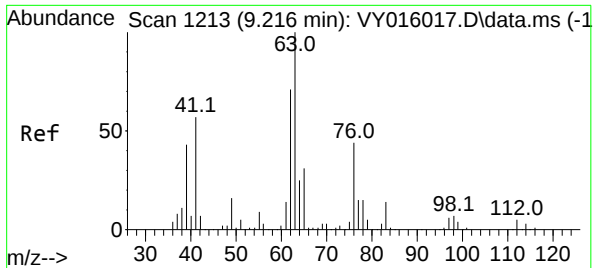
Reviewed By :John Carlone 10/19/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#44
Trichloroethene
Concen: 51.149 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. -0.000 min
Lab File: VY016020.D
Acq: 18 Oct 2023 14:34

Tgt Ion:130 Resp: 135221
Ion Ratio Lower Upper
130 100
95 92.9 0.0 196.0





#45

1,2-Dichloropropane

Concen: 52.250 ug/l

RT: 9.215 min Scan# 1213

Delta R.T. -0.000 min

Lab File: VY016020.D

Acq: 18 Oct 2023 14:34

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY101823

Tgt Ion: 63 Resp: 123292

Ion Ratio Lower Upper

63 100

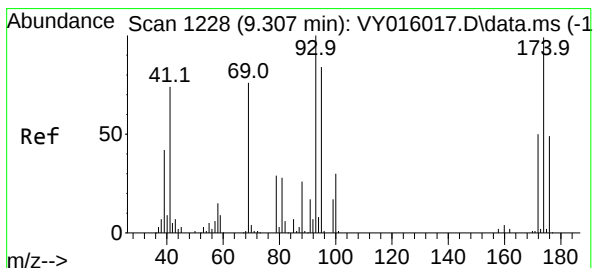
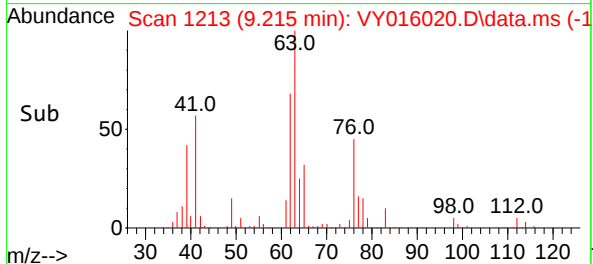
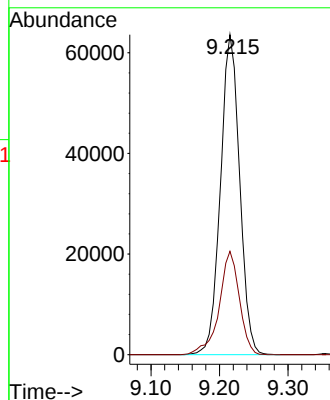
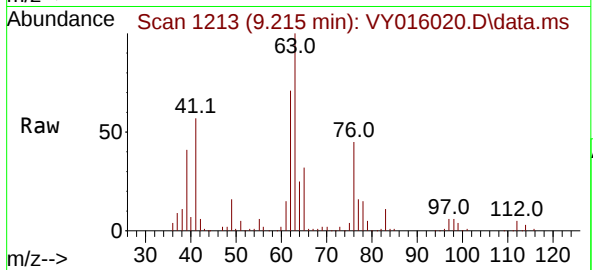
65 32.3 23.8 35.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/19/2023

Supervised By :Semsettin Yesilyurt 10/20/2023



#46

Dibromomethane

Concen: 50.626 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. -0.000 min

Lab File: VY016020.D

Acq: 18 Oct 2023 14:34

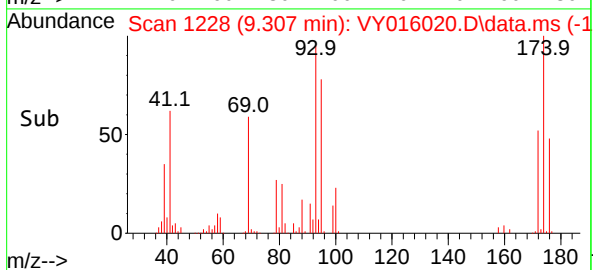
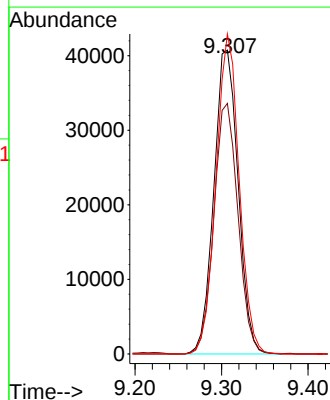
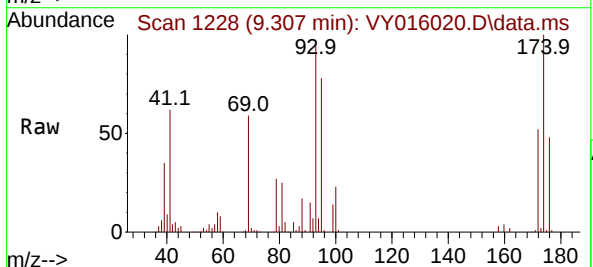
Tgt Ion: 93 Resp: 79307

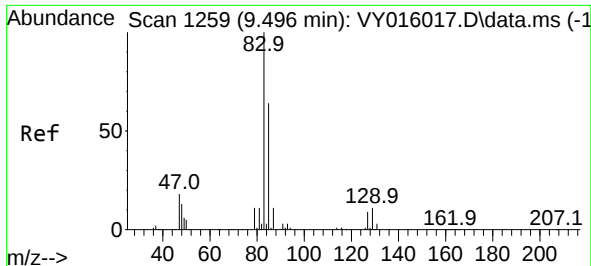
Ion Ratio Lower Upper

93 100

95 82.0 66.6 100.0

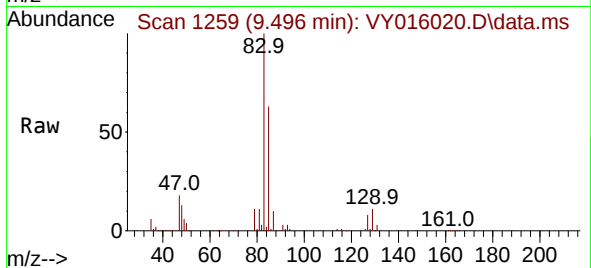
174 100.7 84.8 127.2





#47
Bromodichloromethane
Concen: 52.415 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VY016020.D
Acq: 18 Oct 2023 14:34

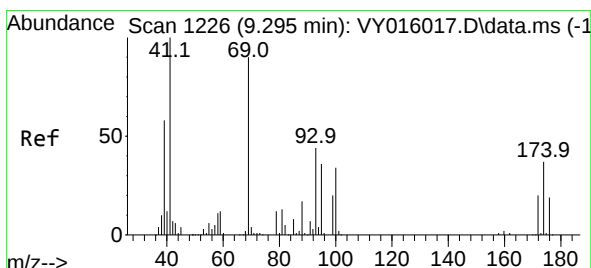
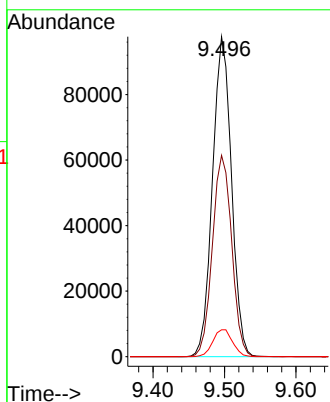
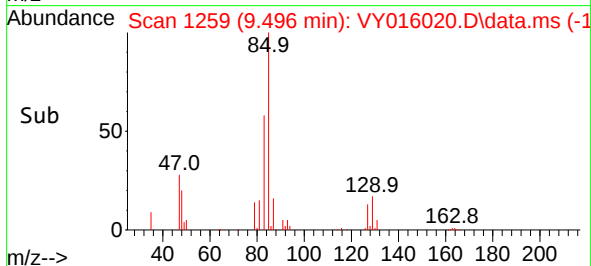
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY101823



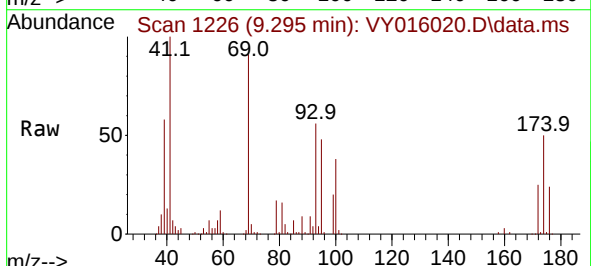
Tgt Ion: 83 Resp: 179964
Ion Ratio Lower Upper
83 100
85 62.9 50.1 75.1
127 8.4 7.1 10.7

Manual Integrations
APPROVED

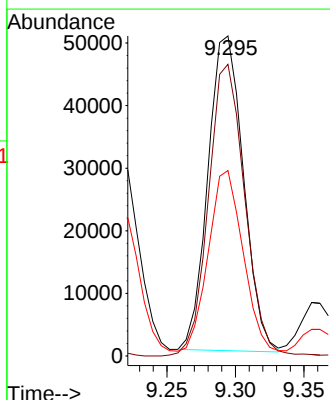
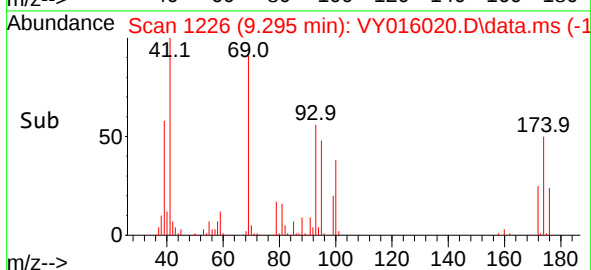
Reviewed By :John Carlone 10/19/2023
Supervised By :Semsettin Yesilyurt 10/20/2023

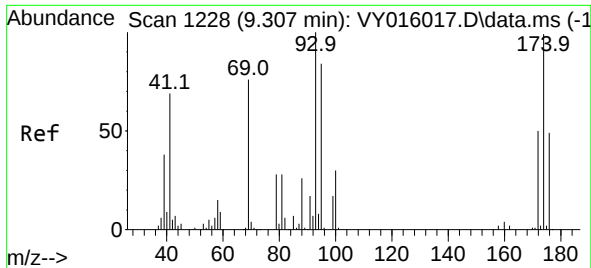


#48
Methyl methacrylate
Concen: 47.170 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. -0.000 min
Lab File: VY016020.D
Acq: 18 Oct 2023 14:34



Tgt Ion: 41 Resp: 90525
Ion Ratio Lower Upper
41 100
69 94.8 64.5 96.7
39 56.5 50.8 76.2





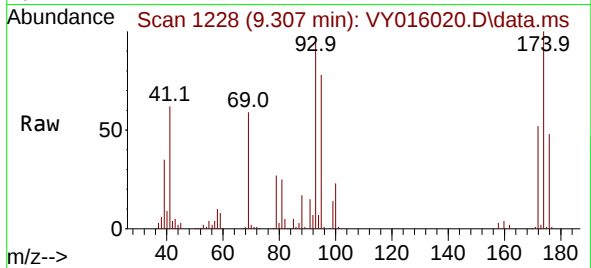
#49
1,4-Dioxane
Concen: 945.098 ug/l
RT: 9.307 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VY016020.D
Acq: 18 Oct 2023 14:34

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY101823



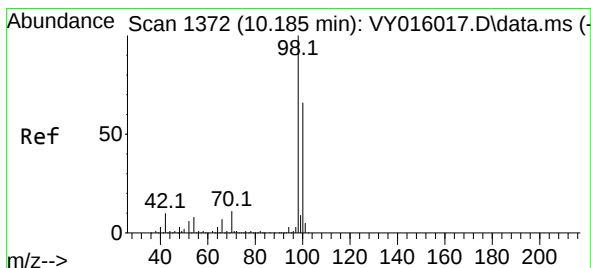
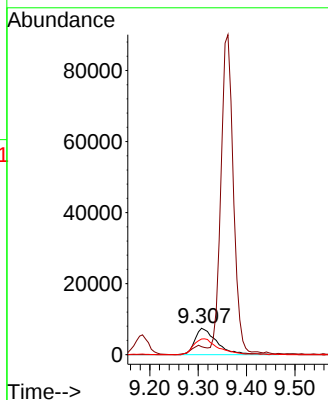
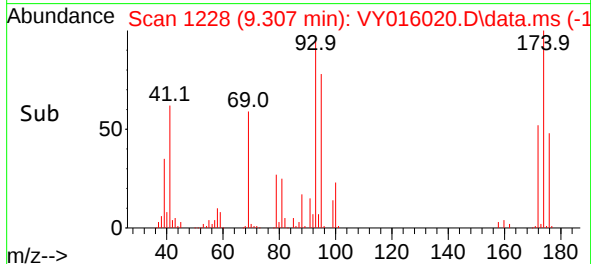
Tgt Ion: 88 Resp: 2357
Ion Ratio Lower Upper
88 100
43 23.2 0.0 0.0
58 67.4 30.9 46.3

Manual Integrations

APPROVED

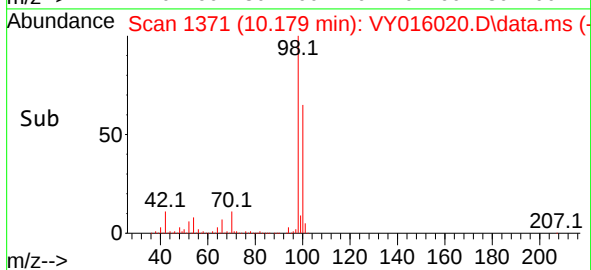
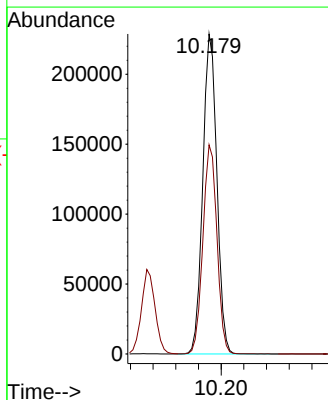
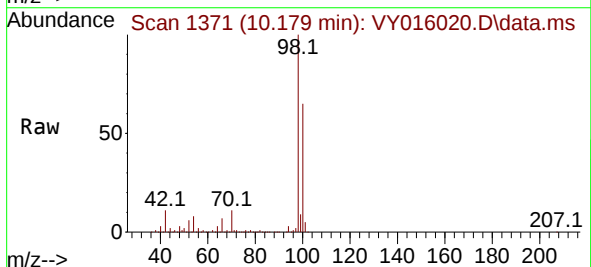
Reviewed By :John Carlone 10/19/2023

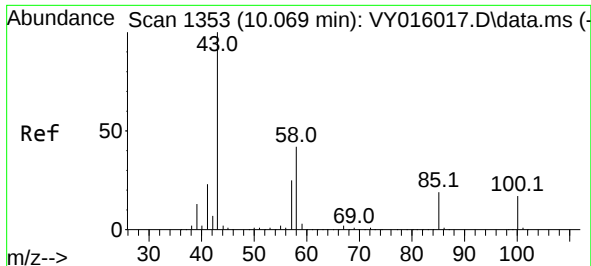
Supervised By :Semsettin Yesilyurt 10/20/2023



#50
Toluene-d8
Concen: 48.776 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.006 min
Lab File: VY016020.D
Acq: 18 Oct 2023 14:34

Tgt Ion: 98 Resp: 393906
Ion Ratio Lower Upper
98 100
100 65.4 50.1 75.1





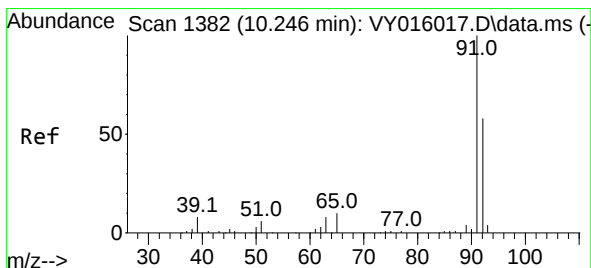
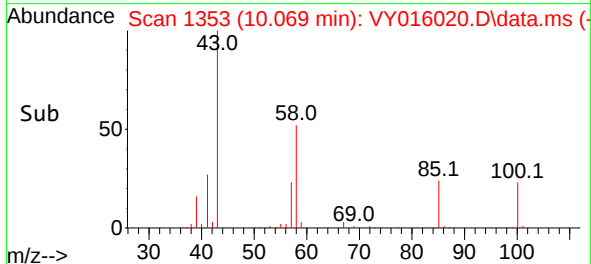
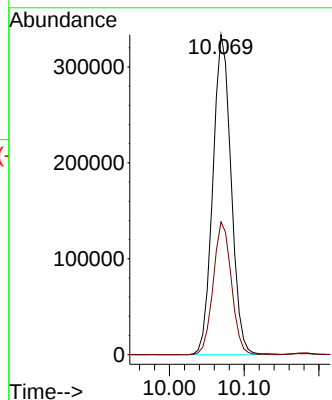
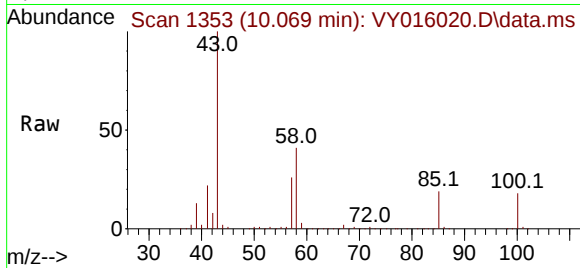
#51
4-Methyl-2-Pentanone
Concen: 233.318 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. -0.000 min
Lab File: VY016020.D
Acq: 18 Oct 2023 14:34

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY101823

Tgt Ion: 43 Resp: 565678
Ion Ratio Lower Upper
43 100
58 41.3 29.0 43.6

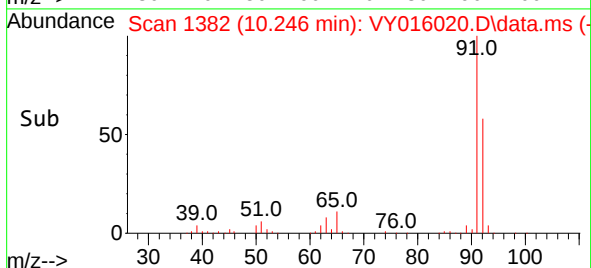
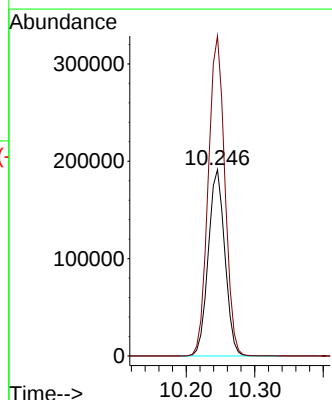
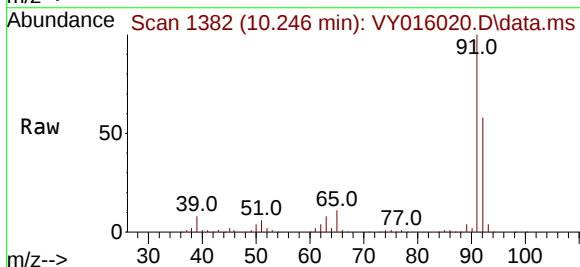
Manual Integrations
APPROVED

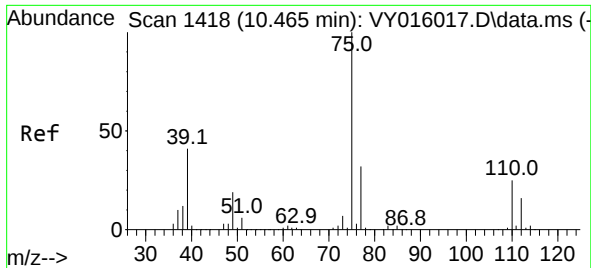
Reviewed By :John Carlone 10/19/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#52
Toluene
Concen: 52.528 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. -0.000 min
Lab File: VY016020.D
Acq: 18 Oct 2023 14:34

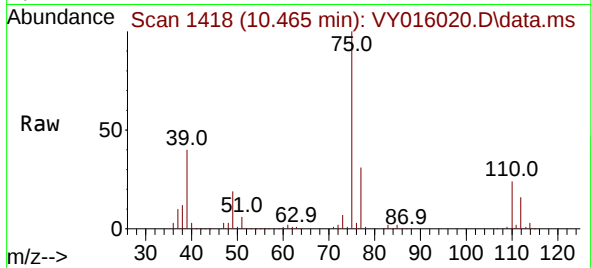
Tgt Ion: 92 Resp: 321239
Ion Ratio Lower Upper
92 100
91 172.1 143.8 215.6





#53
 t-1,3-Dichloropropene
 Concen: 52.305 ug/l
 RT: 10.465 min Scan# 1418
 Delta R.T. -0.000 min
 Lab File: VY016020.D
 Acq: 18 Oct 2023 14:34

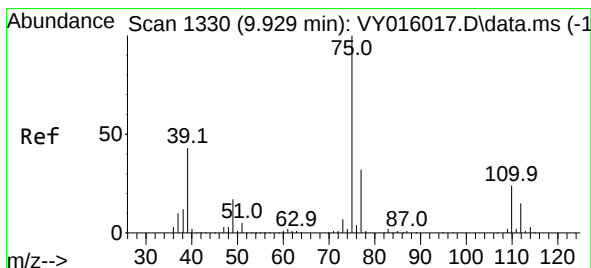
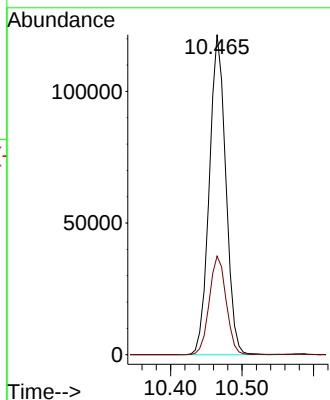
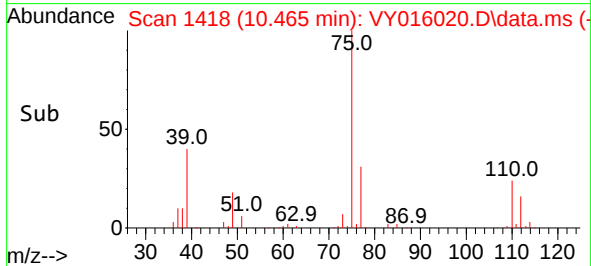
Instrument : MSVOA_Y
 ClientSampleId : ICVVY101823



Tgt Ion: 75 Resp: 19454
 Ion Ratio Lower Upper
 75 100
 77 30.8 25.0 37.4

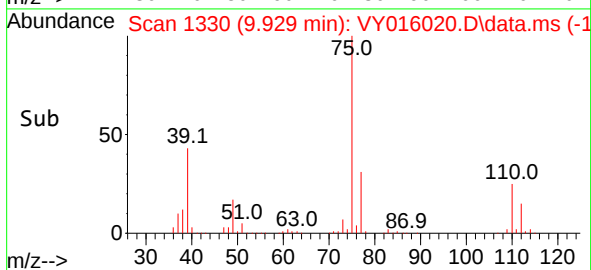
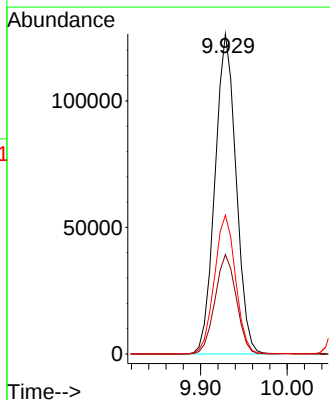
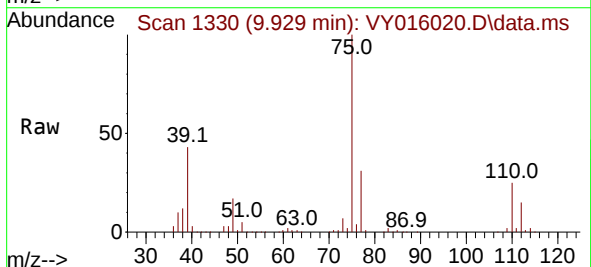
Manual Integrations
 APPROVED

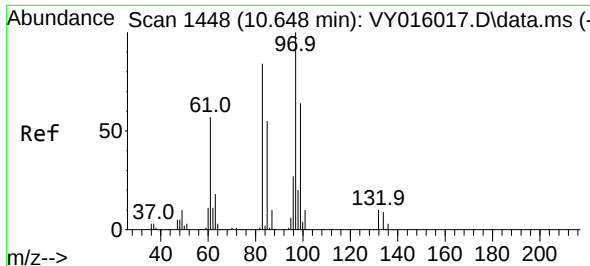
Reviewed By :John Carlone 10/19/2023
 Supervised By :Semsettin Yesilyurt 10/20/2023



#54
 cis-1,3-Dichloropropene
 Concen: 52.818 ug/l
 RT: 9.929 min Scan# 1330
 Delta R.T. -0.000 min
 Lab File: VY016020.D
 Acq: 18 Oct 2023 14:34

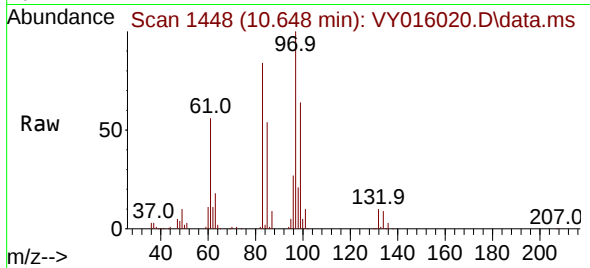
Tgt Ion: 75 Resp: 214140
 Ion Ratio Lower Upper
 75 100
 77 31.0 24.2 36.4
 39 43.4 42.2 63.4





#55
1,1,2-Trichloroethane
Concen: 51.217 ug/l
RT: 10.648 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VY016020.D
Acq: 18 Oct 2023 14:34

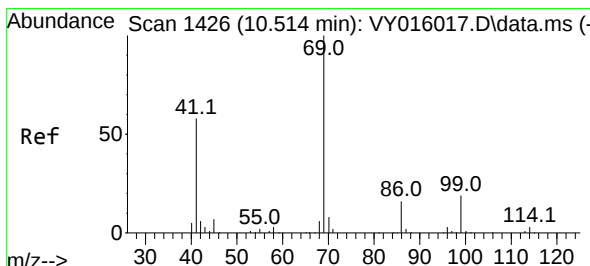
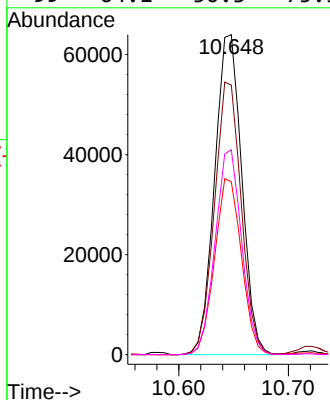
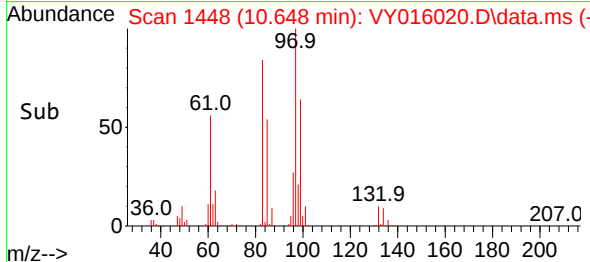
Instrument : MSVOA_Y
ClientSampleId : ICVVY101823



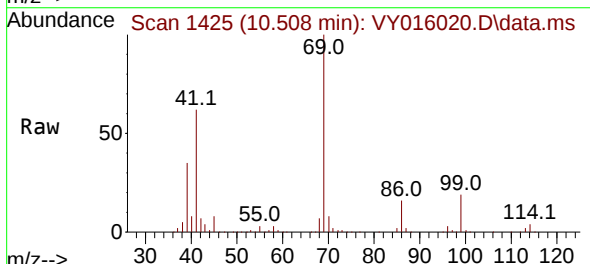
Tgt Ion	Ratio	Lower	Upper
97	100		
83	84.2	72.0	108.0
85	54.0	45.4	68.0
99	64.1	50.3	75.5

Manual Integrations
APPROVED

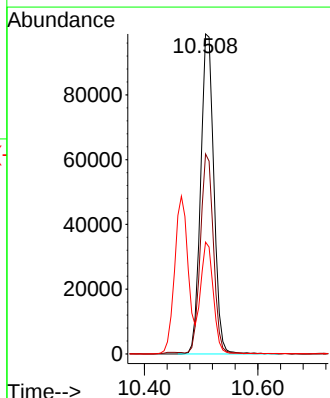
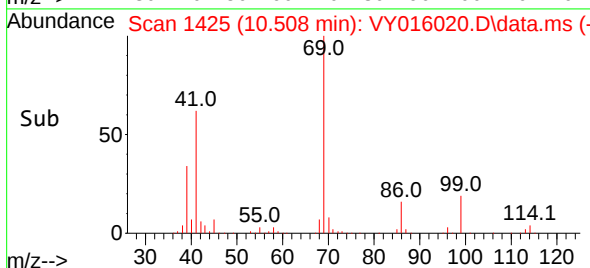
Reviewed By :John Carlone 10/19/2023
Supervised By :Semsettin Yesilyurt 10/20/2023

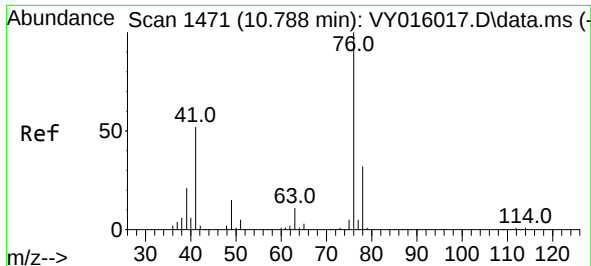


#56
Ethyl methacrylate
Concen: 50.908 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. -0.006 min
Lab File: VY016020.D
Acq: 18 Oct 2023 14:34



Tgt Ion	Ratio	Lower	Upper
69	100		
41	61.3	57.6	86.4
39	33.3	34.1	51.1





#57

1,3-Dichloropropane

Concen: 50.765 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VY016020.D

Acq: 18 Oct 2023 14:34

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY101823

Tgt Ion: 76 Resp: 185344

Ion Ratio Lower Upper

76 100

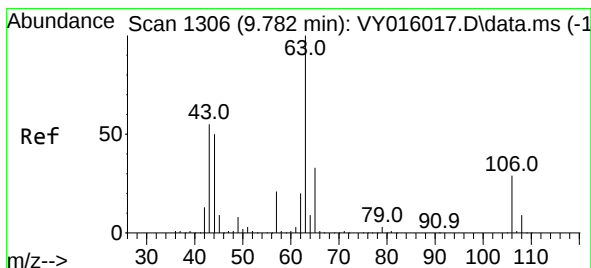
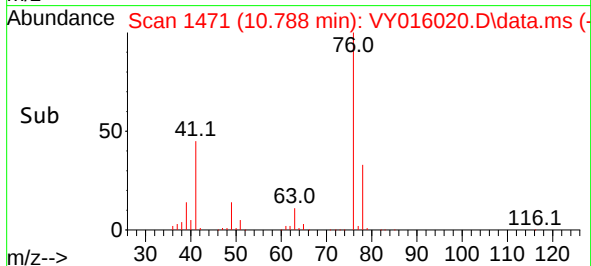
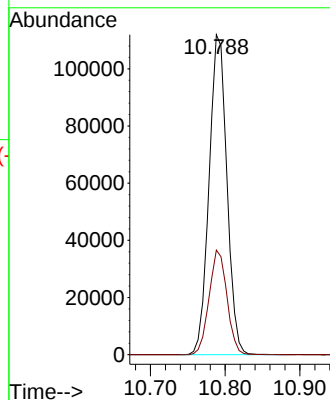
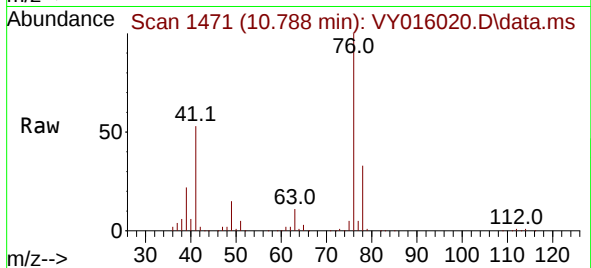
78 32.7 25.3 37.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/19/2023

Supervised By :Semsettin Yesilyurt 10/20/2023



#58

2-Chloroethyl Vinyl ether

Concen: 247.498 ug/l

RT: 9.782 min Scan# 1306

Delta R.T. -0.000 min

Lab File: VY016020.D

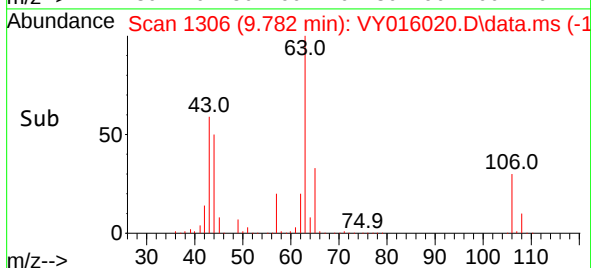
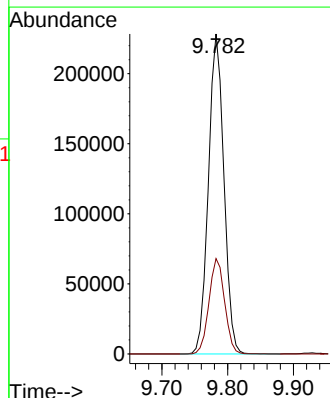
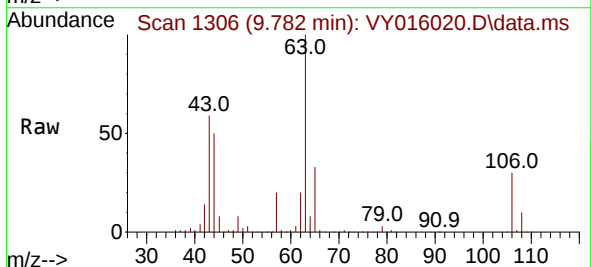
Acq: 18 Oct 2023 14:34

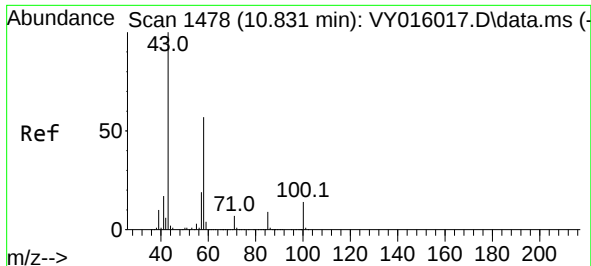
Tgt Ion: 63 Resp: 373903

Ion Ratio Lower Upper

63 100

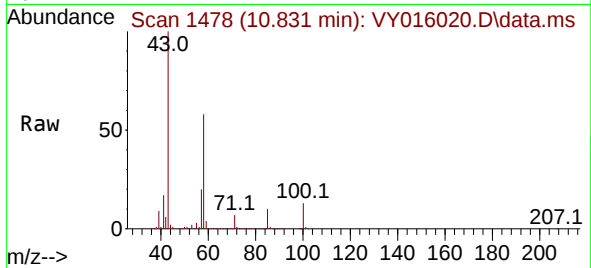
106 30.0 21.2 31.8





#59
2-Hexanone
Concen: 233.250 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. -0.000 min
Lab File: VY016020.D
Acq: 18 Oct 2023 14:34

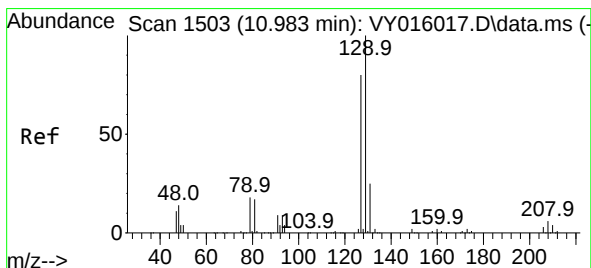
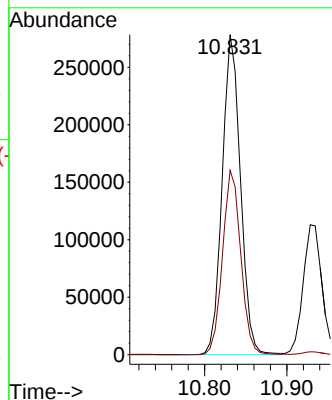
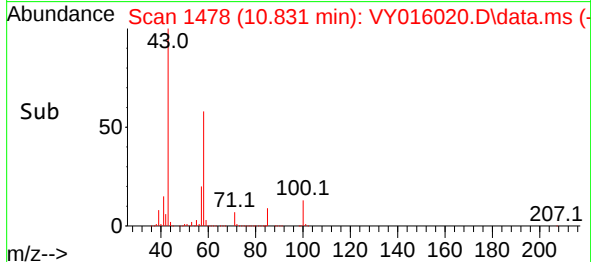
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY101823



Tgt Ion: 43 Resp: 43025
Ion Ratio Lower Upper
43 100
58 57.6 25.1 75.3

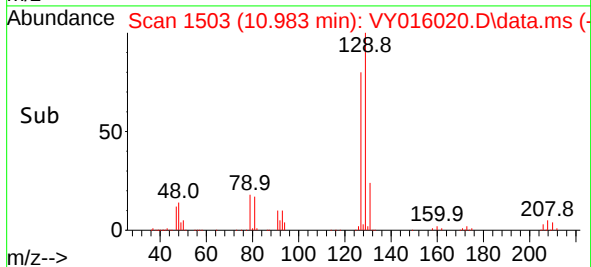
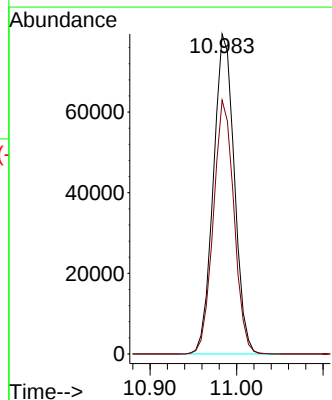
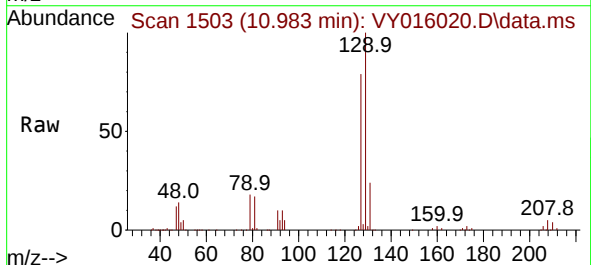
Manual Integrations
APPROVED

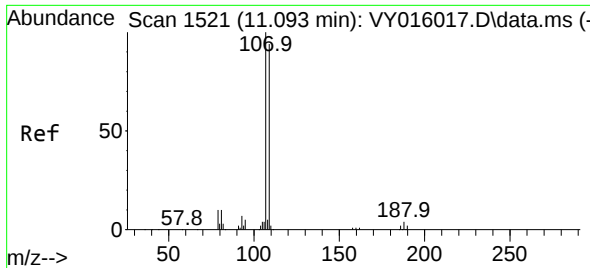
Reviewed By :John Carlone 10/19/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#60
Dibromochloromethane
Concen: 51.229 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. -0.000 min
Lab File: VY016020.D
Acq: 18 Oct 2023 14:34

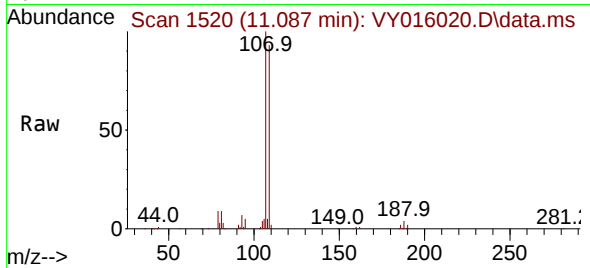
Tgt Ion:129 Resp: 133337
Ion Ratio Lower Upper
129 100
127 78.0 38.5 115.5





#61
1,2-Dibromoethane
Concen: 50.142 ug/l
RT: 11.087 min Scan# 1521
Delta R.T. -0.006 min
Lab File: VY016020.D
Acq: 18 Oct 2023 14:34

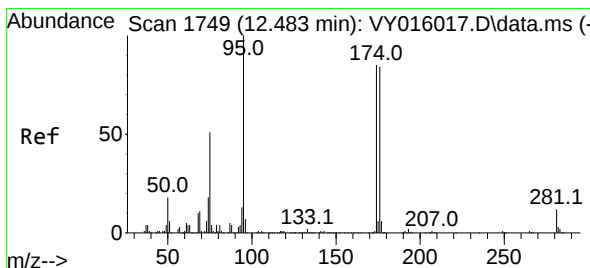
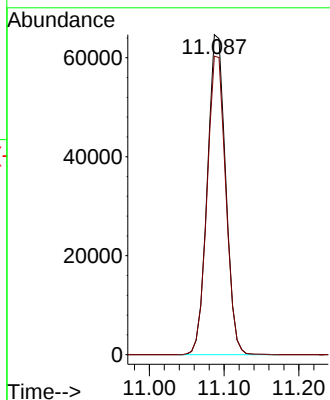
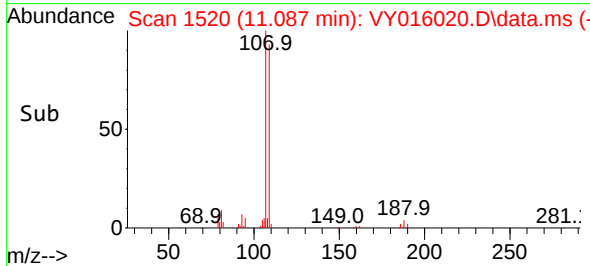
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY101823



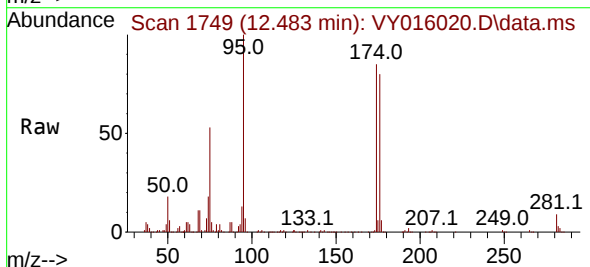
Tgt Ion:107 Resp: 109824
Ion Ratio Lower Upper
107 100
109 95.3 75.6 113.4

Manual Integrations
APPROVED

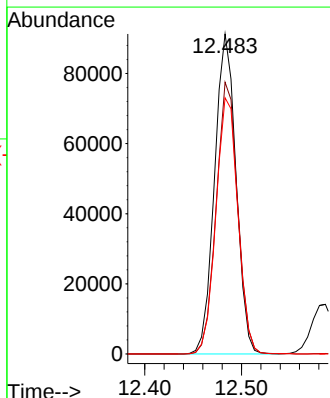
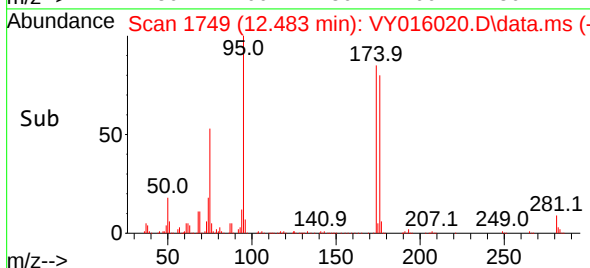
Reviewed By :John Carlone 10/19/2023
Supervised By :Semsettin Yesilyurt 10/20/2023

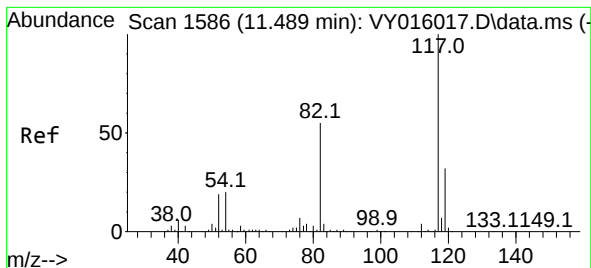


#62
4-Bromofluorobenzene
Concen: 48.690 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY016020.D
Acq: 18 Oct 2023 14:34



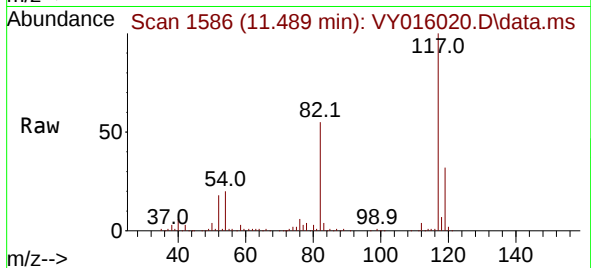
Tgt Ion: 95 Resp: 140302
Ion Ratio Lower Upper
95 100
174 85.0 0.0 178.2
176 82.0 0.0 173.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY016020.D
Acq: 18 Oct 2023 14:34

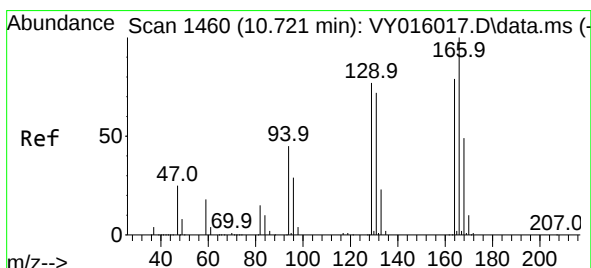
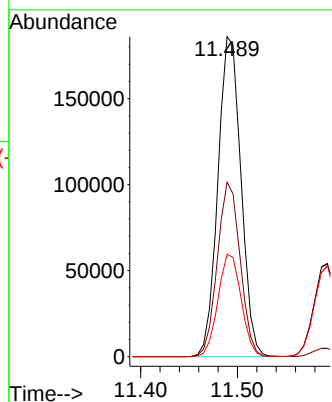
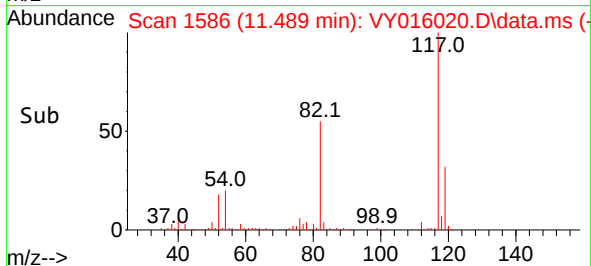
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY101823



Tgt Ion:117 Resp: 30804
Ion Ratio Lower Upper
117 100
82 54.6 43.4 65.0
119 32.0 26.3 39.5

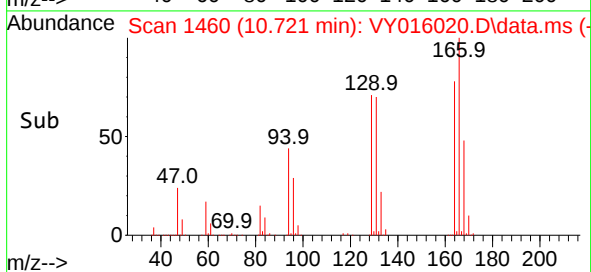
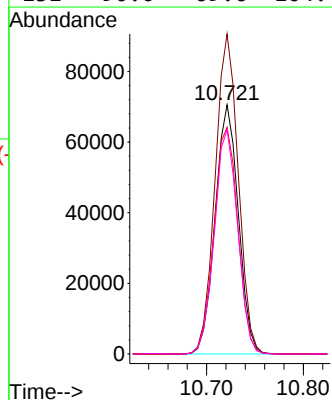
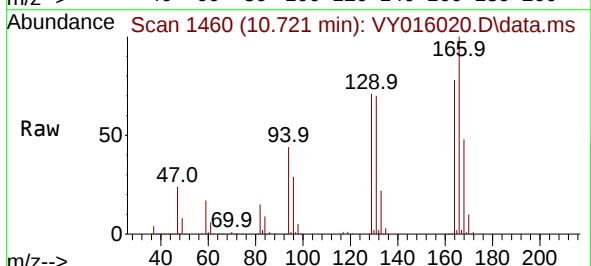
Manual Integrations
APPROVED

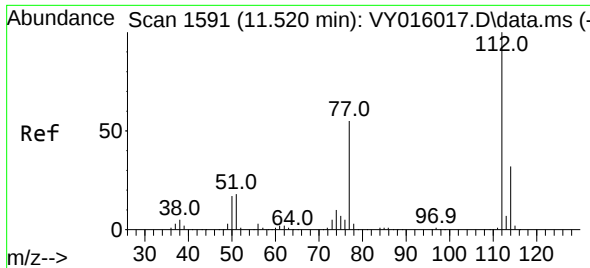
Reviewed By :John Carlone 10/19/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#64
Tetrachloroethene
Concen: 49.265 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. -0.000 min
Lab File: VY016020.D
Acq: 18 Oct 2023 14:34

Tgt Ion:164 Resp: 117677
Ion Ratio Lower Upper
164 100
166 128.5 103.0 154.6
129 91.0 77.2 115.8
131 90.0 69.6 104.4





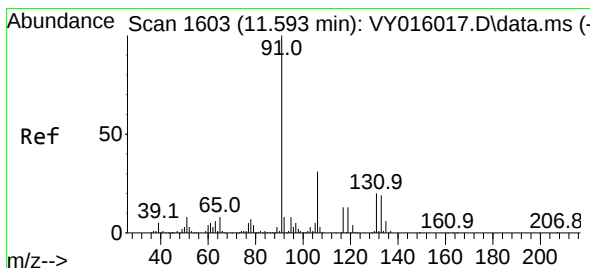
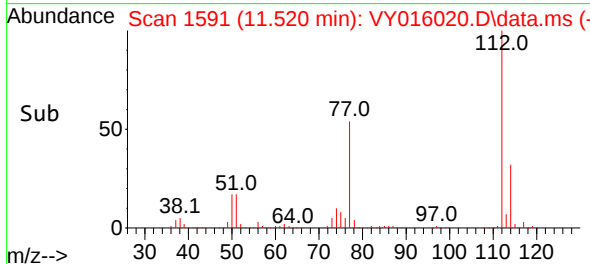
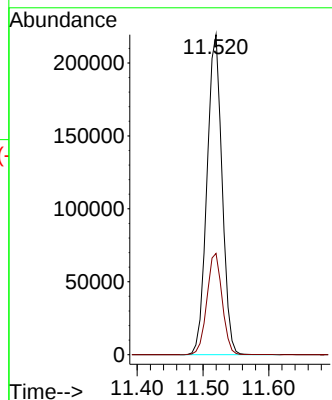
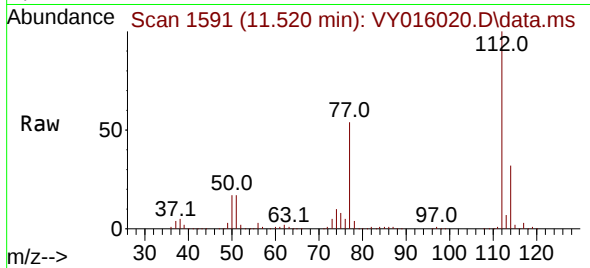
#65
Chlorobenzene
Concen: 52.345 ug/l
RT: 11.520 min Scan# 1159
Delta R.T. -0.000 min
Lab File: VY016020.D
Acq: 18 Oct 2023 14:34

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY101823

Tgt Ion:112 Resp: 34920
Ion Ratio Lower Upper
112 100
114 31.7 25.5 38.3

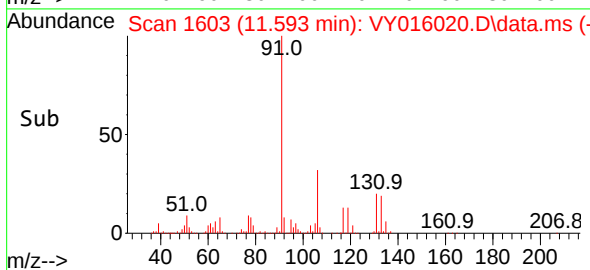
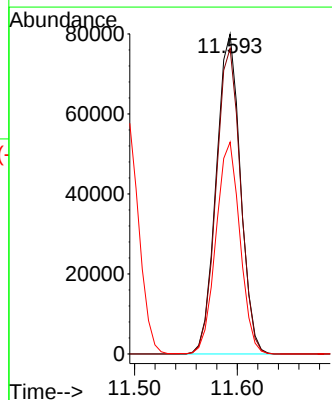
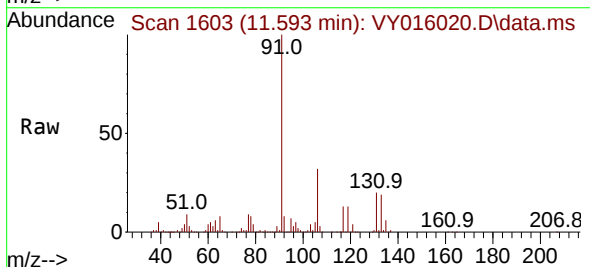
Manual Integrations
APPROVED

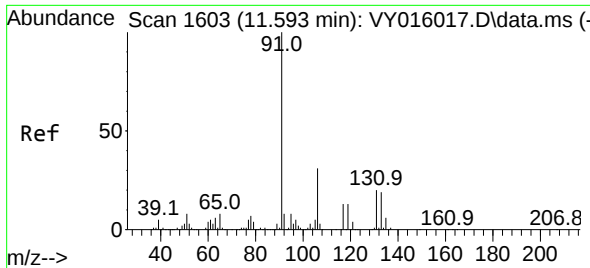
Reviewed By :John Carlone 10/19/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 51.907 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. -0.000 min
Lab File: VY016020.D
Acq: 18 Oct 2023 14:34

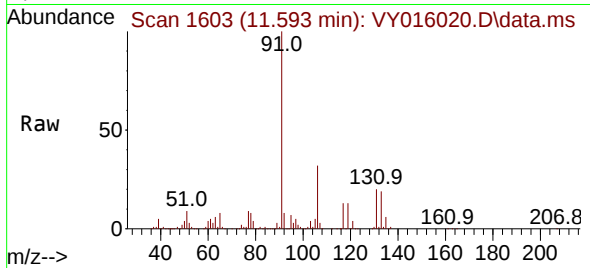
Tgt Ion:131 Resp: 130522
Ion Ratio Lower Upper
131 100
133 96.0 47.5 142.6
119 65.9 31.6 94.7





#67
Ethyl Benzene
Concen: 52.679 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. -0.000 min
Lab File: VY016020.D
Acq: 18 Oct 2023 14:34

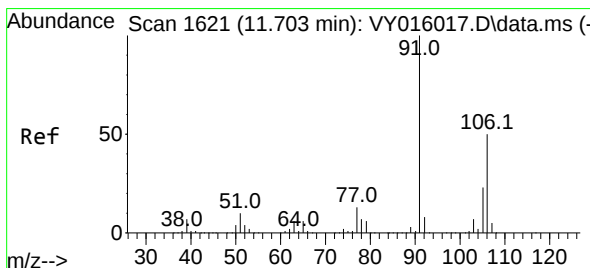
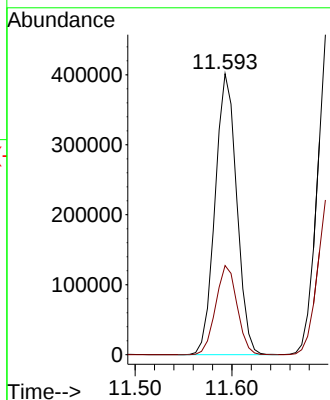
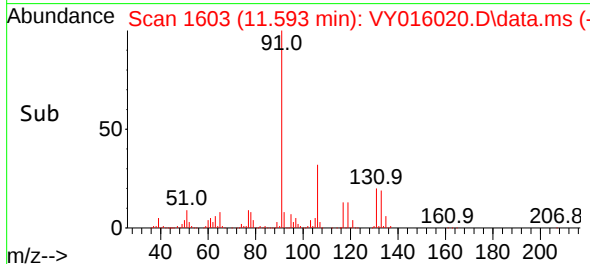
Instrument :
MSVOA_Y
ClientSampleId :
ICVY101823



Tgt Ion: 91 Resp: 621880
Ion Ratio Lower Upper
91 100
106 31.7 24.6 36.8

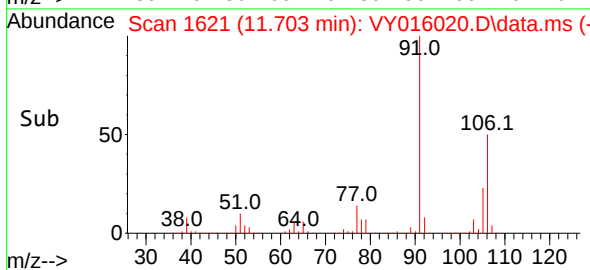
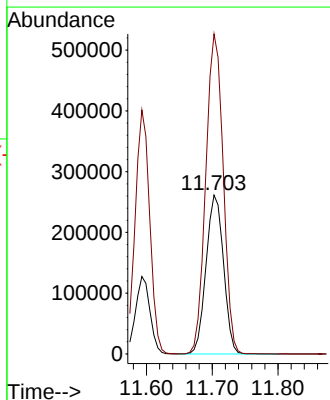
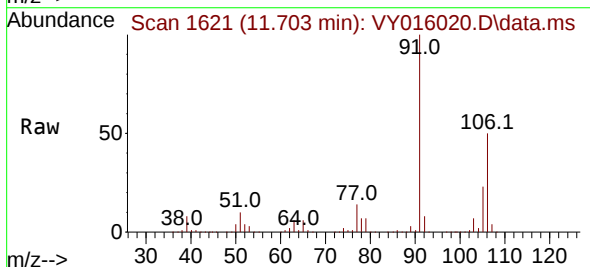
Manual Integrations
APPROVED

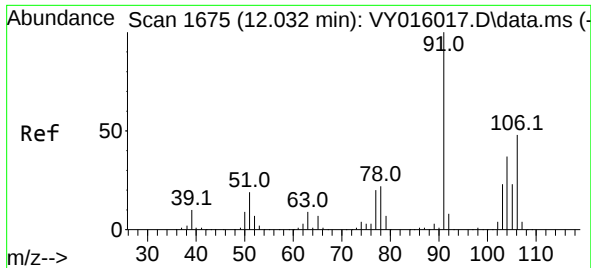
Reviewed By :John Carlone 10/19/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#68
m/p-Xylenes
Concen: 104.725 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VY016020.D
Acq: 18 Oct 2023 14:34

Tgt Ion:106 Resp: 482087
Ion Ratio Lower Upper
106 100
91 201.3 166.1 249.1





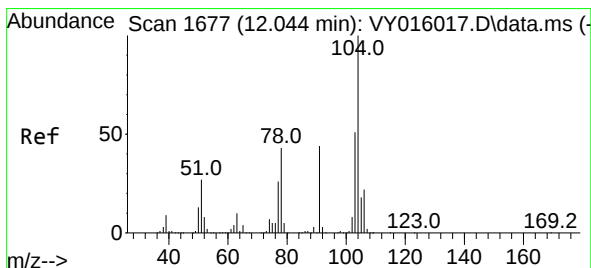
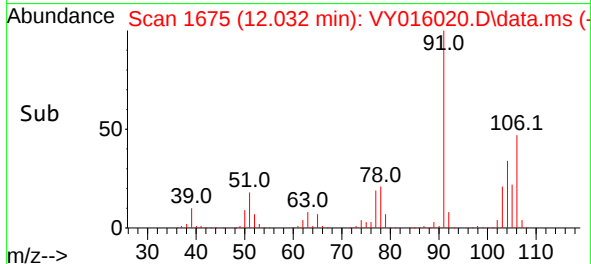
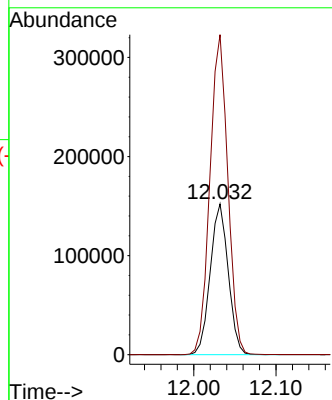
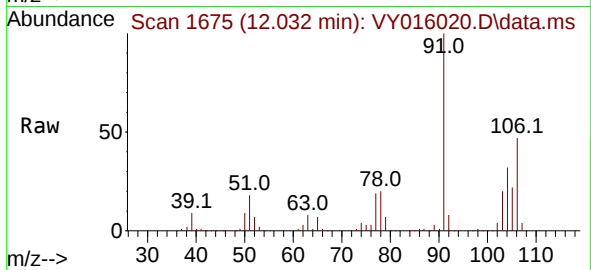
#69
o-Xylene
Concen: 52.832 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. -0.000 min
Lab File: VY016020.D
Acq: 18 Oct 2023 14:34

Instrument :
MSVOA_Y
ClientSampleId :
ICVY101823

Tgt Ion:106 Resp: 23136
Ion Ratio Lower Upper
106 100
91 210.9 108.1 324.3

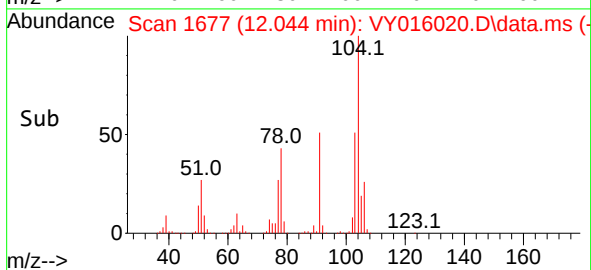
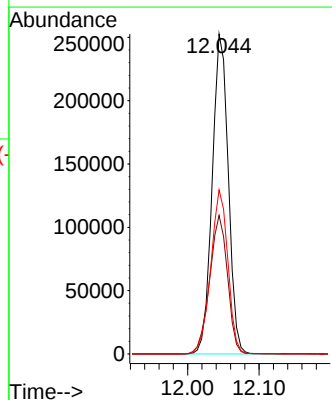
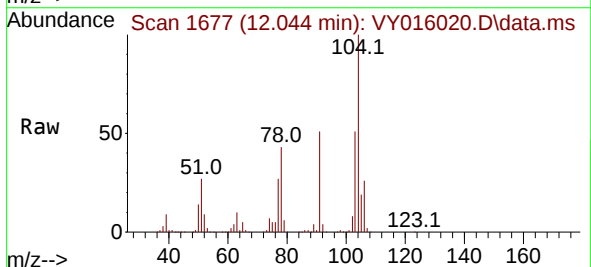
Manual Integrations
APPROVED

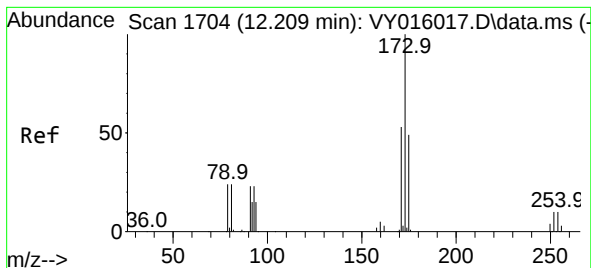
Reviewed By :John Carlone 10/19/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#70
Styrene
Concen: 52.908 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. -0.000 min
Lab File: VY016020.D
Acq: 18 Oct 2023 14:34

Tgt Ion:104 Resp: 394901
Ion Ratio Lower Upper
104 100
78 47.8 41.5 62.3
103 54.7 44.6 67.0





#71

Bromoform

Concen: 50.443 ug/l

RT: 12.209 min Scan# 1704

Delta R.T. -0.000 min

Lab File: VY016020.D

Acq: 18 Oct 2023 14:34

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY101823

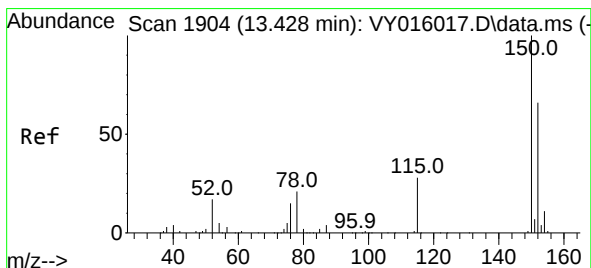
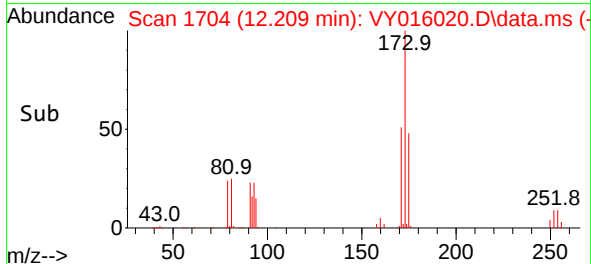
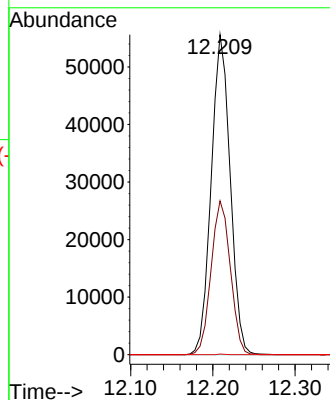
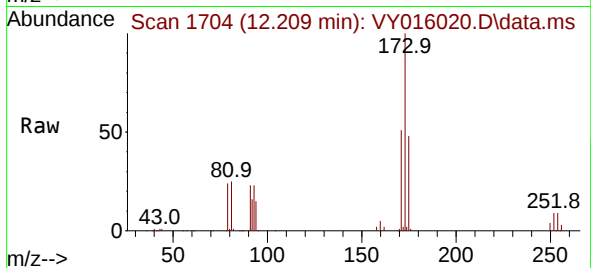
Tgt Ion:173	Resp:	8925
Ion Ratio	Lower	Upper
173	100	
175	48.7	24.6 73.8
254	0.1	0.2 0.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/19/2023

Supervised By :Semsettin Yesilyurt 10/20/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

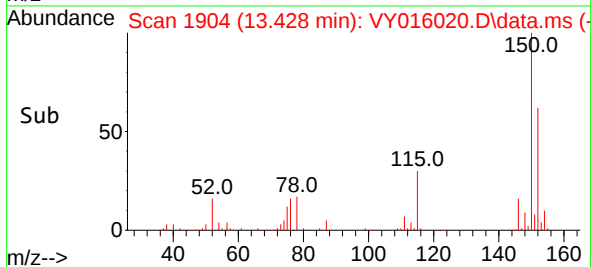
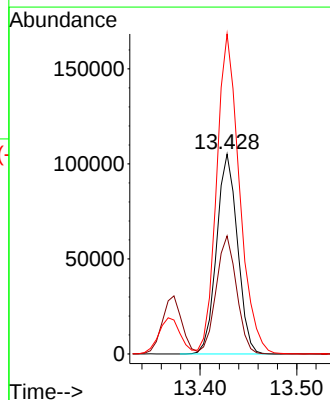
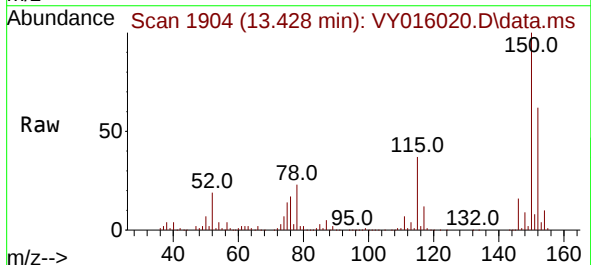
RT: 13.428 min Scan# 1904

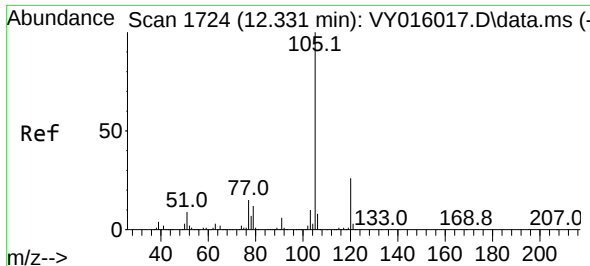
Delta R.T. -0.000 min

Lab File: VY016020.D

Acq: 18 Oct 2023 14:34

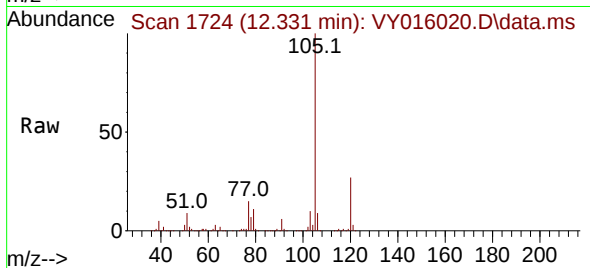
Tgt Ion:152	Resp:	157193
Ion Ratio	Lower	Upper
152	100	
115	58.1	28.8 86.5
150	175.8	0.0 348.8





#73
Isopropylbenzene
Concen: 51.940 ug/l
RT: 12.331 min Scan# 1724
Delta R.T. -0.000 min
Lab File: VY016020.D
Acq: 18 Oct 2023 14:34

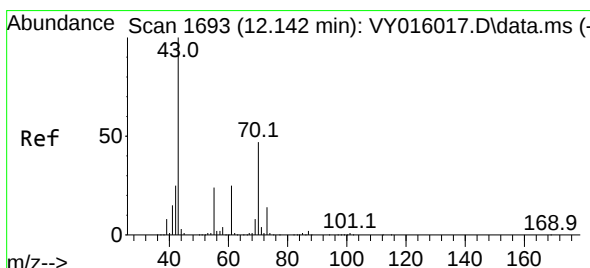
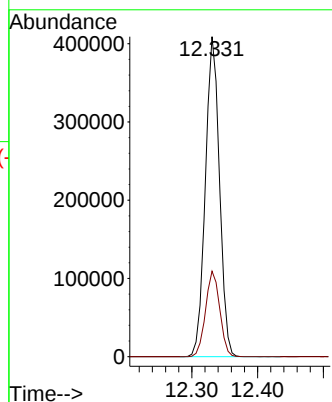
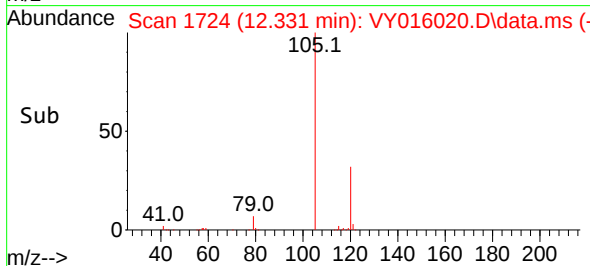
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY101823



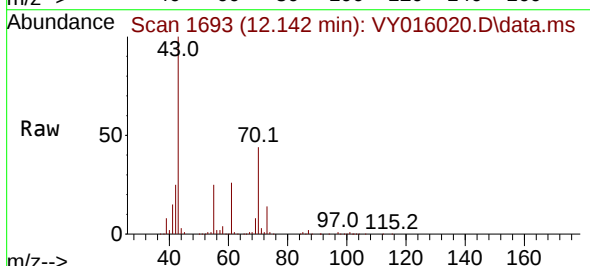
Tgt Ion:105 Resp: 61074
Ion Ratio Lower Upper
105 100
120 26.9 13.3 39.9

Manual Integrations
APPROVED

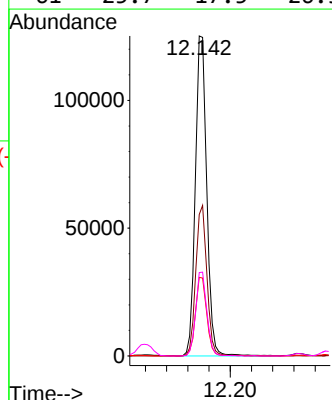
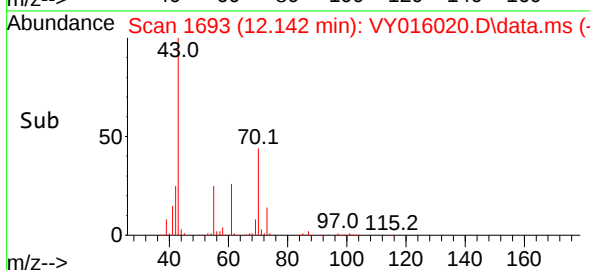
Reviewed By :John Carlone 10/19/2023
Supervised By :Semsettin Yesilyurt 10/20/2023

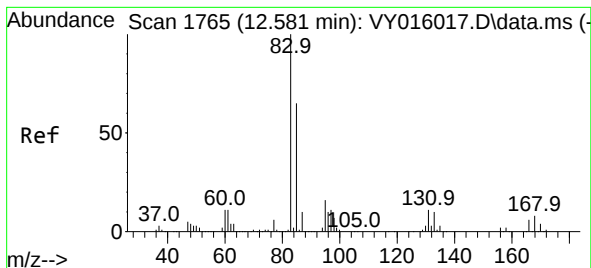


#74
N-ethyl acetate
Concen: 50.373 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VY016020.D
Acq: 18 Oct 2023 14:34



Tgt Ion: 43 Resp: 187085
Ion Ratio Lower Upper
43 100
70 45.8 29.7 44.5#
55 24.3 18.3 27.5
61 25.7 17.5 26.3





#75

1,1,2,2-Tetrachloroethane

Concen: 48.106 ug/l

RT: 12.587 min Scan# 1766

Delta R.T. 0.006 min

Lab File: VY016020.D

Acq: 18 Oct 2023 14:34

Instrument :

MSVOA_Y

ClientSampleId :

ICVY101823

Tgt Ion: 83 Resp: 141679

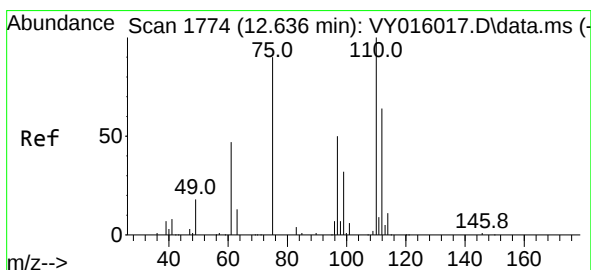
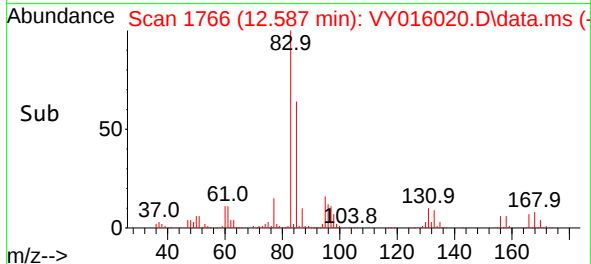
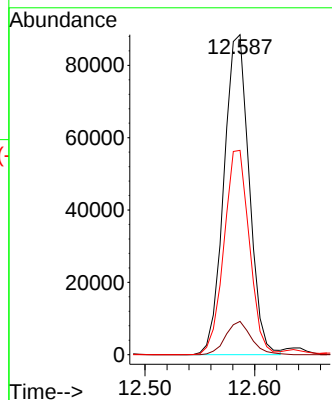
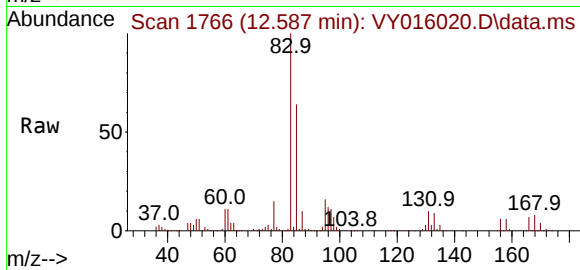
Ion	Ratio	Lower	Upper
83	100		
131	10.5	5.4	16.2
85	64.4	31.8	95.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/19/2023

Supervised By :Semsettin Yesilyurt 10/20/2023



#76

1,2,3-Trichloropropane

Concen: 49.760 ug/l m

RT: 12.635 min Scan# 1774

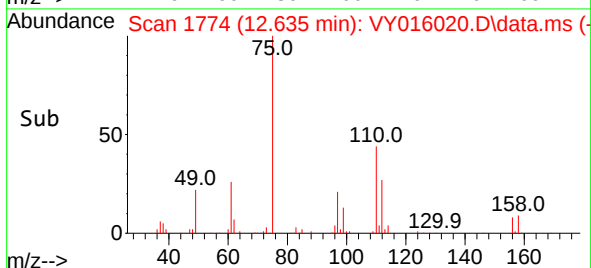
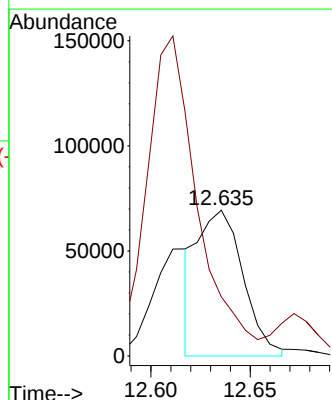
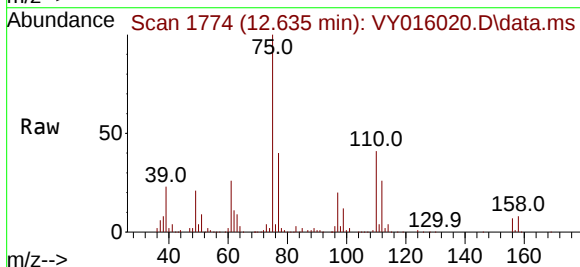
Delta R.T. -0.000 min

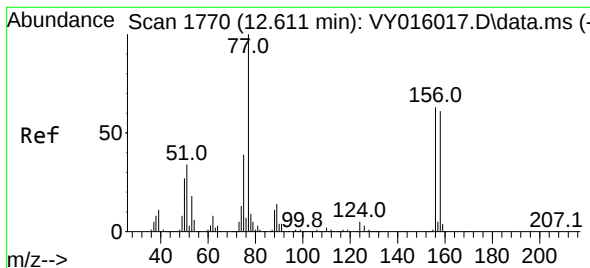
Lab File: VY016020.D

Acq: 18 Oct 2023 14:34

Tgt Ion: 75 Resp: 110751

Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 51.314 ug/l

RT: 12.611 min Scan# 1770

Delta R.T. -0.000 min

Lab File: VY016020.D

Acq: 18 Oct 2023 14:34

Instrument :

MSVOA_Y

ClientSampleId :

ICVY101823

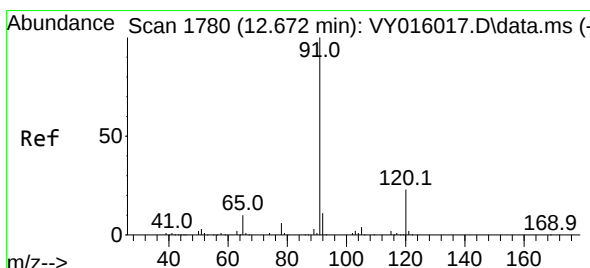
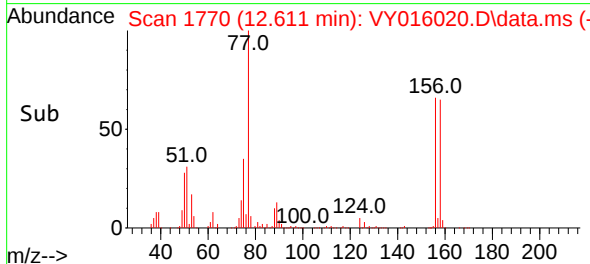
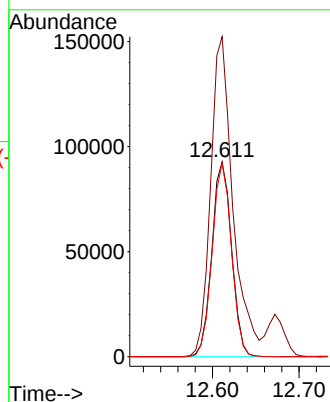
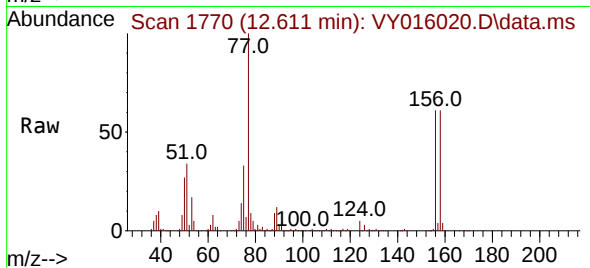
Tgt Ion:	156	Resp:	14645
Ion Ratio	Lower	Upper	
156	100		
77	185.4	92.8	278.6
158	97.1	48.4	145.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/19/2023

Supervised By :Semsettin Yesilyurt 10/20/2023



#78

n-propylbenzene

Concen: 52.095 ug/l

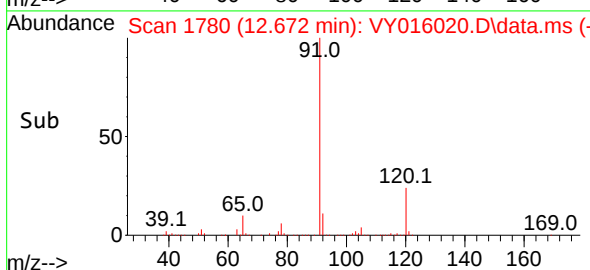
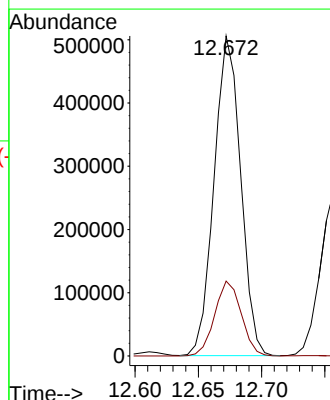
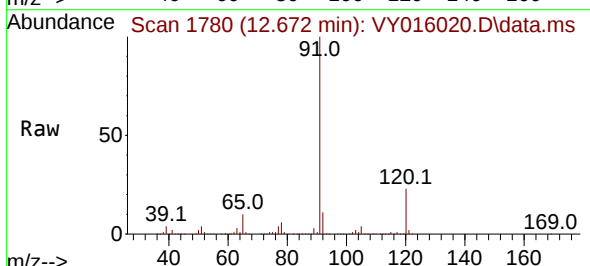
RT: 12.672 min Scan# 1780

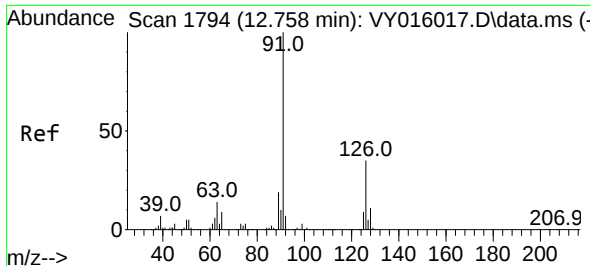
Delta R.T. -0.000 min

Lab File: VY016020.D

Acq: 18 Oct 2023 14:34

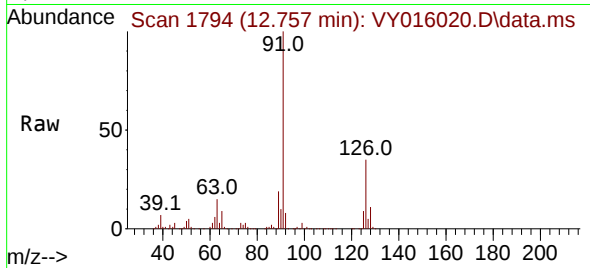
Tgt Ion:	91	Resp:	737818
Ion Ratio	Lower	Upper	
91	100		
120	23.4	11.5	34.4





#79
2-Chlorotoluene
Concen: 52.046 ug/l
RT: 12.757 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VY016020.D
Acq: 18 Oct 2023 14:34

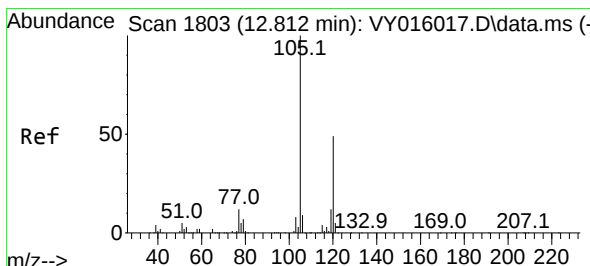
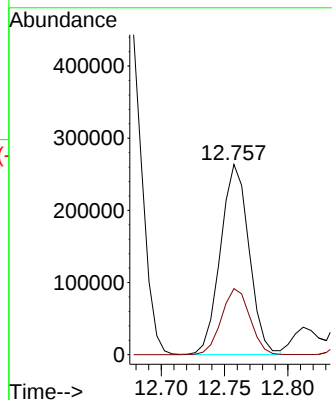
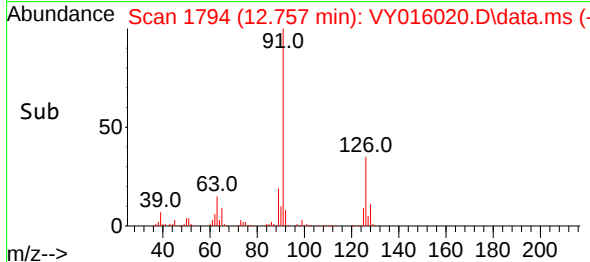
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY101823



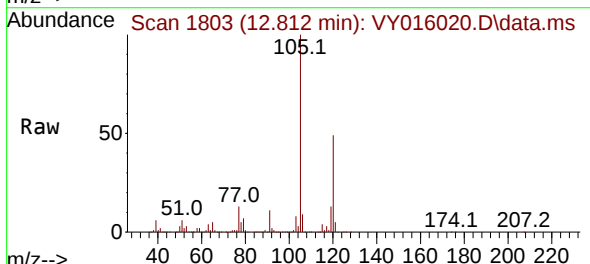
Tgt Ion: 91 Resp: 413752
Ion Ratio Lower Upper
91 100
126 34.7 17.3 51.7

Manual Integrations
APPROVED

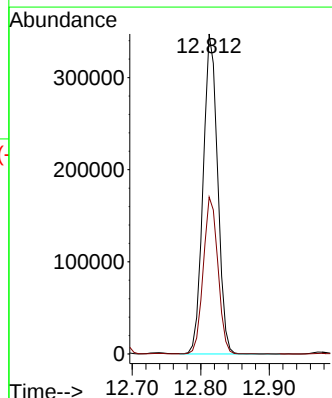
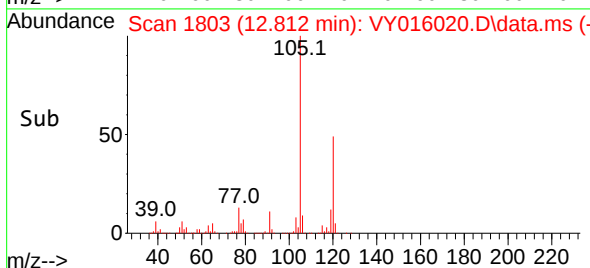
Reviewed By :John Carlone 10/19/2023
Supervised By :Semsettin Yesilyurt 10/20/2023

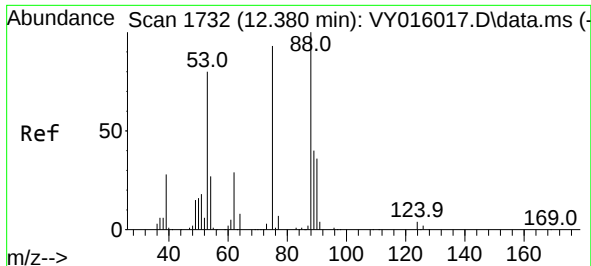


#80
1,3,5-Trimethylbenzene
Concen: 52.604 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. -0.000 min
Lab File: VY016020.D
Acq: 18 Oct 2023 14:34



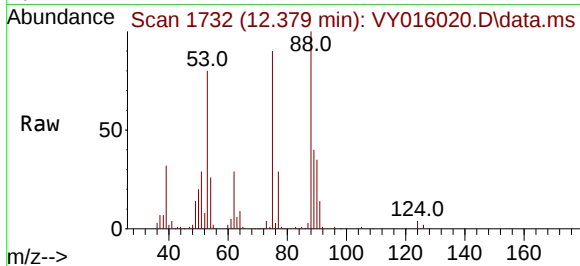
Tgt Ion:105 Resp: 512343
Ion Ratio Lower Upper
105 100
120 49.4 23.9 71.7





#81
trans-1,4-Dichloro-2-butene
Concen: 48.251 ug/l
RT: 12.379 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VY016020.D
Acq: 18 Oct 2023 14:34

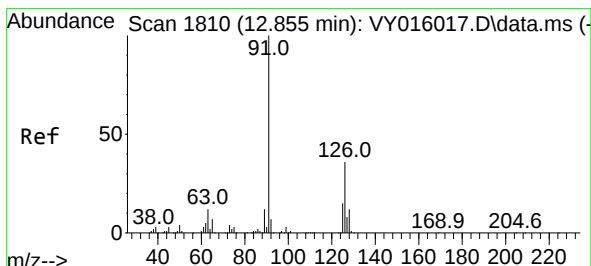
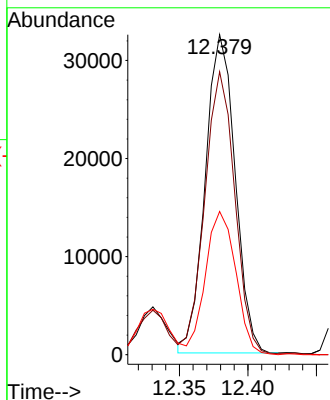
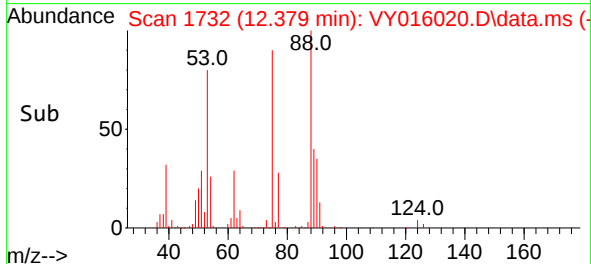
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY101823



Tgt Ion: 75 Resp: 4919
Ion Ratio Lower Upper
75 100
53 89.2 77.8 116.8
89 45.5 37.4 56.0

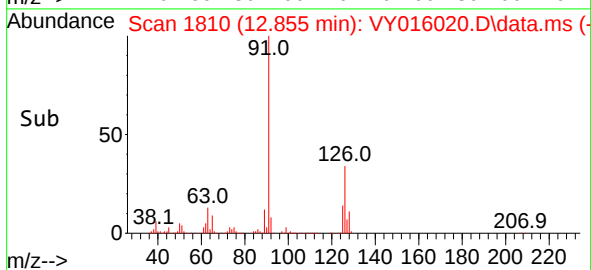
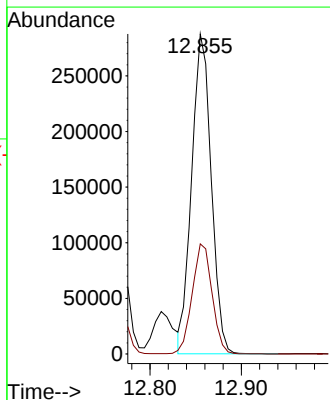
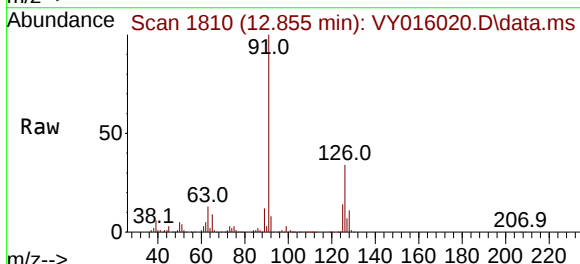
Manual Integrations
APPROVED

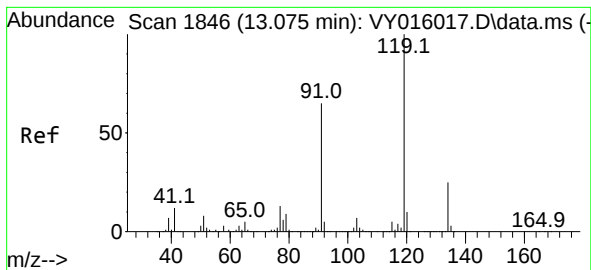
Reviewed By :John Carlone 10/19/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#82
4-Chlorotoluene
Concen: 51.576 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VY016020.D
Acq: 18 Oct 2023 14:34

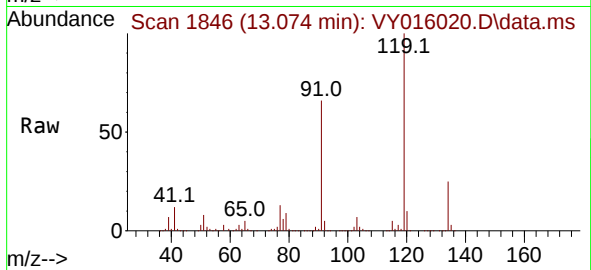
Tgt Ion: 91 Resp: 427909
Ion Ratio Lower Upper
91 100
126 35.1 17.2 51.6





#83
tert-Butylbenzene
Concen: 51.614 ug/l
RT: 13.074 min Scan# 1846
Delta R.T. -0.000 min
Lab File: VY016020.D
Acq: 18 Oct 2023 14:34

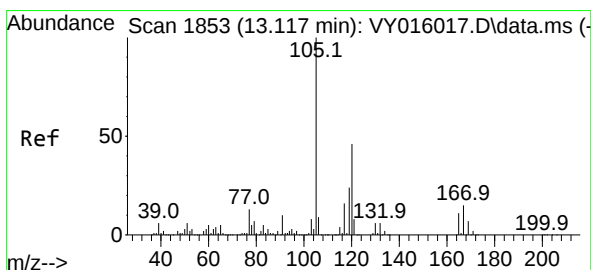
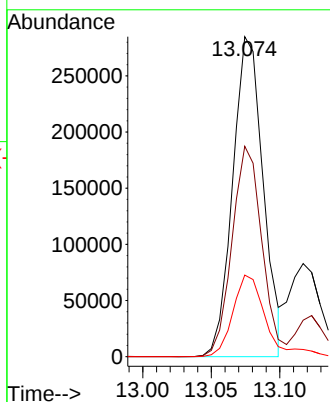
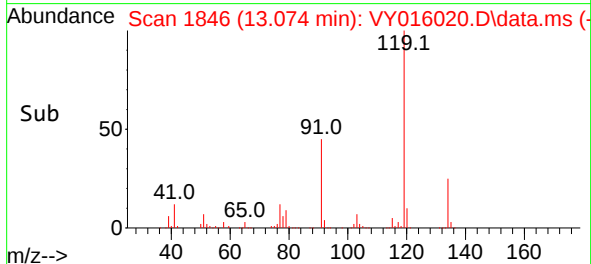
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY101823



Tgt Ion:119 Resp: 44079
Ion Ratio Lower Upper
119 100
91 64.7 32.9 98.6
134 27.5 13.0 38.9

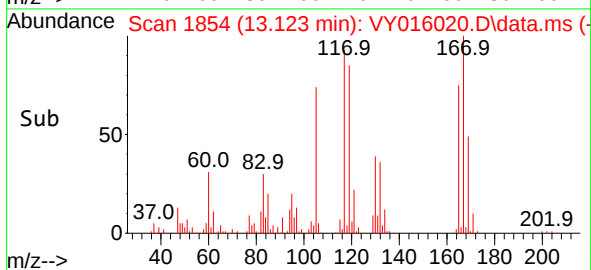
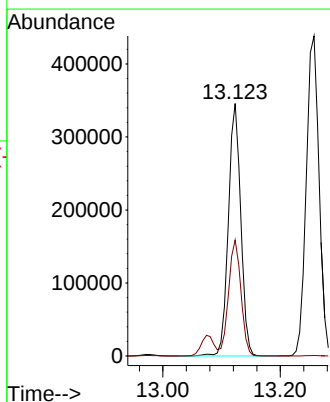
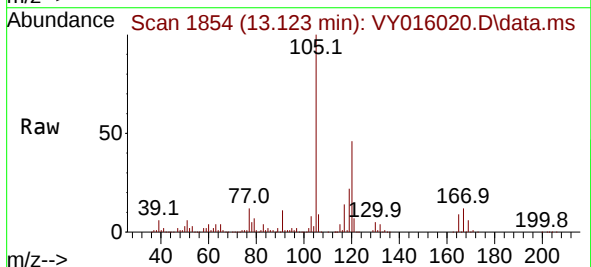
Manual Integrations
APPROVED

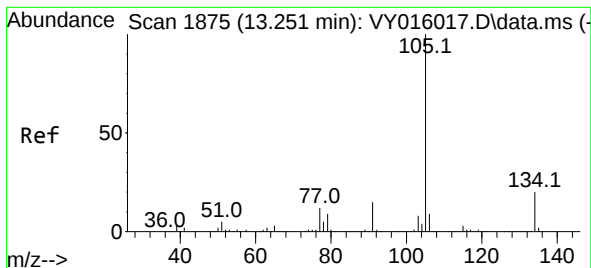
Reviewed By :John Carlone 10/19/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#84
1,2,4-Trimethylbenzene
Concen: 52.467 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. 0.006 min
Lab File: VY016020.D
Acq: 18 Oct 2023 14:34

Tgt Ion:105 Resp: 507442
Ion Ratio Lower Upper
105 100
120 46.0 22.2 66.6





#85

sec-Butylbenzene

Concen: 51.921 ug/l

RT: 13.257 min Scan# 1875

Delta R.T. 0.006 min

Lab File: VY016020.D

Acq: 18 Oct 2023 14:34

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY101823

Tgt Ion:105 Resp: 66225

Ion Ratio Lower Upper

105 100

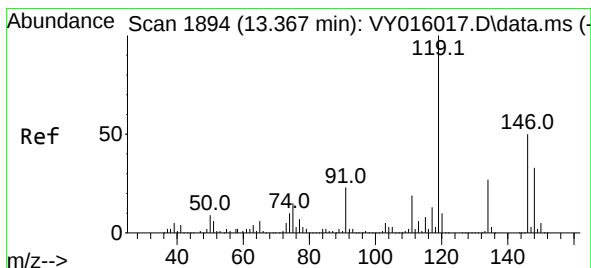
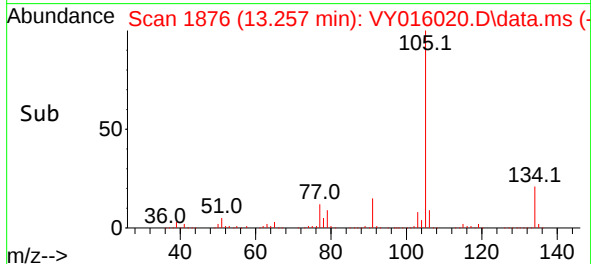
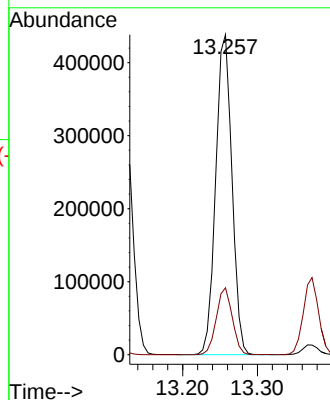
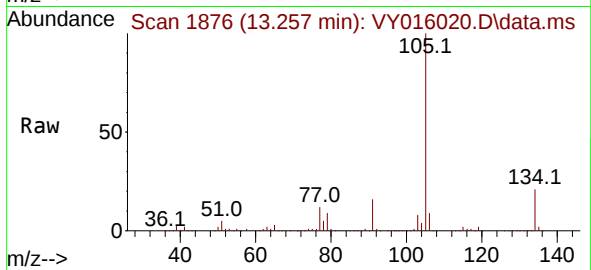
134 20.6 10.2 30.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/19/2023

Supervised By :Semsettin Yesilyurt 10/20/2023



#86

p-Isopropyltoluene

Concen: 52.661 ug/l

RT: 13.373 min Scan# 1895

Delta R.T. 0.006 min

Lab File: VY016020.D

Acq: 18 Oct 2023 14:34

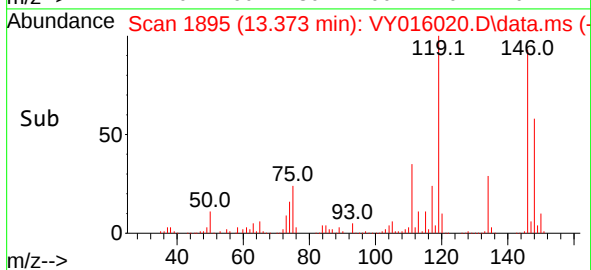
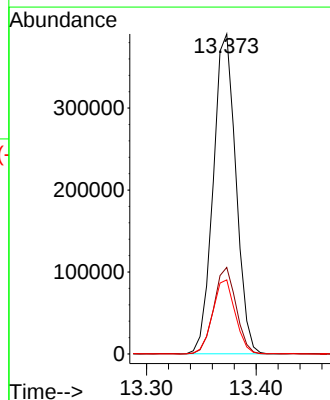
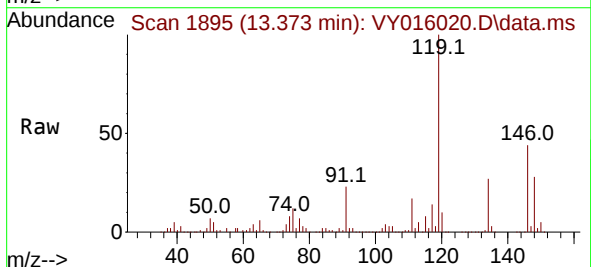
Tgt Ion:119 Resp: 561320

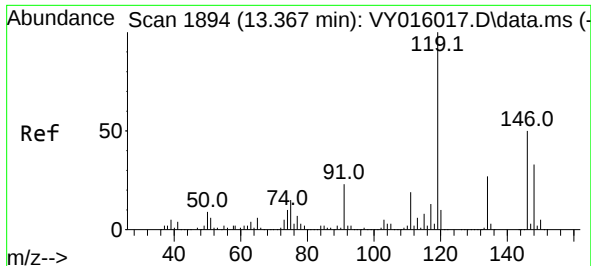
Ion Ratio Lower Upper

119 100

134 26.5 13.3 39.8

91 23.1 12.4 37.4





#87

1,3-Dichlorobenzene

Concen: 52.144 ug/l

RT: 13.367 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY016020.D

Acq: 18 Oct 2023 14:34

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY101823

Tgt Ion:146 Resp: 28955

Ion Ratio Lower Upper

146 100

111 39.6 19.4 58.2

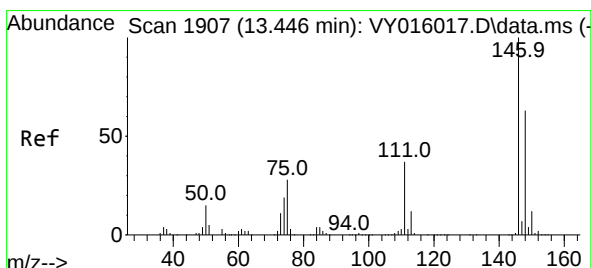
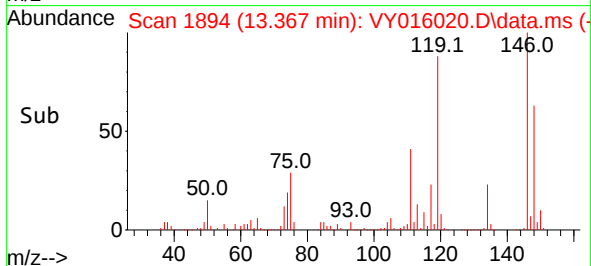
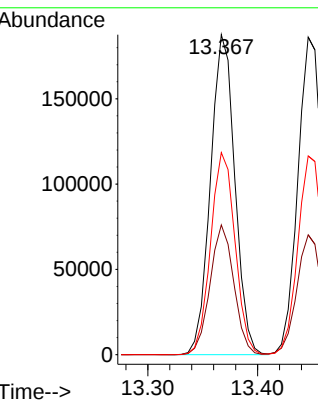
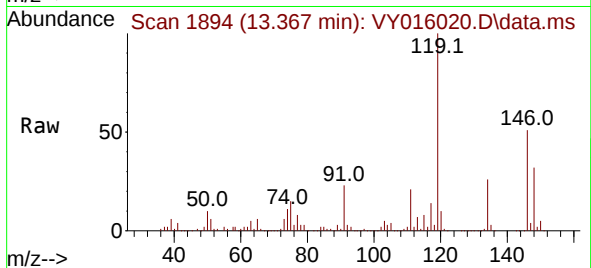
148 63.4 31.9 95.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/19/2023

Supervised By :Semsettin Yesilyurt 10/20/2023



#88

1,4-Dichlorobenzene

Concen: 51.792 ug/l

RT: 13.446 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VY016020.D

Acq: 18 Oct 2023 14:34

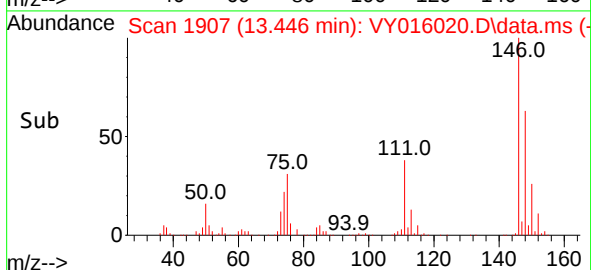
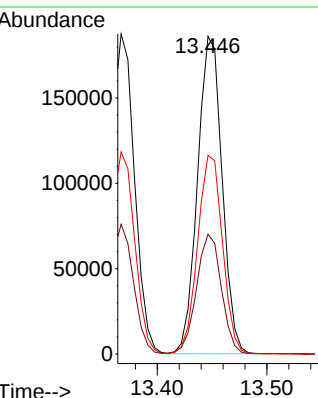
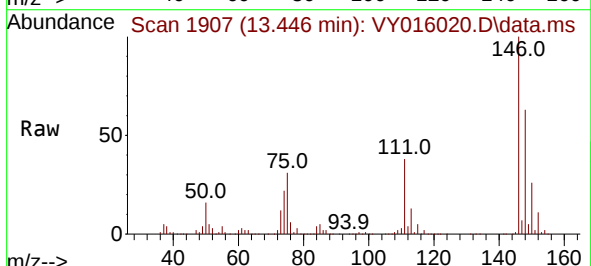
Tgt Ion:146 Resp: 289570

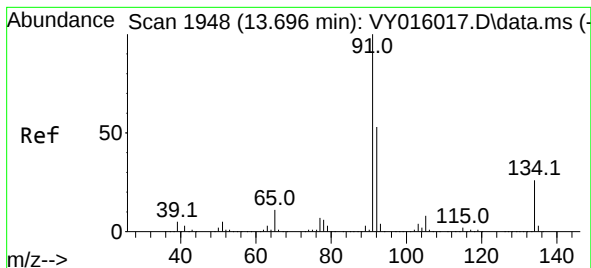
Ion Ratio Lower Upper

146 100

111 38.1 18.9 56.7

148 63.6 32.1 96.5





#89

n-Butylbenzene

Concen: 52.624 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. -0.000 min

Lab File: VY016020.D

Acq: 18 Oct 2023 14:34

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY101823

Tgt Ion: 91 Resp: 522190

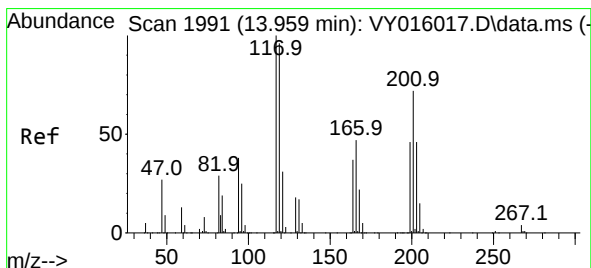
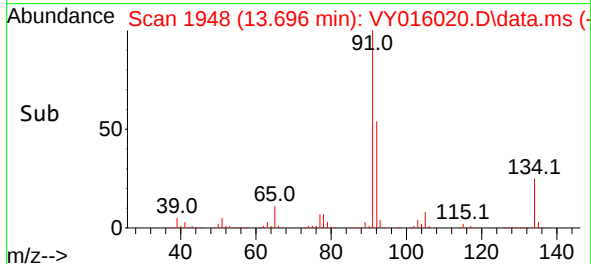
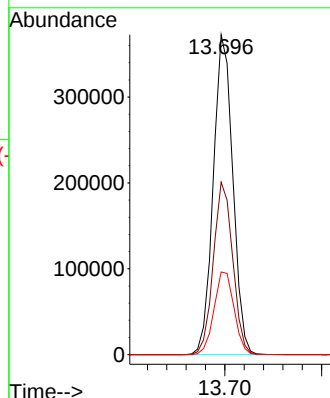
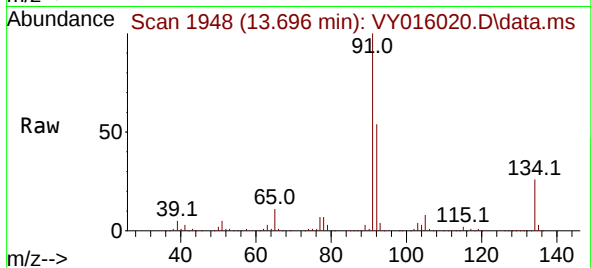
Ion	Ratio	Lower	Upper
91	100		
92	53.5	25.4	76.0
134	26.7	12.6	37.6

Manual Integrations

APPROVED

Reviewed By :John Carbone 10/19/2023

Supervised By :Semsettin Yesilyurt 10/20/2023



#90

Hexachloroethane

Concen: 52.219 ug/l

RT: 13.964 min Scan# 1992

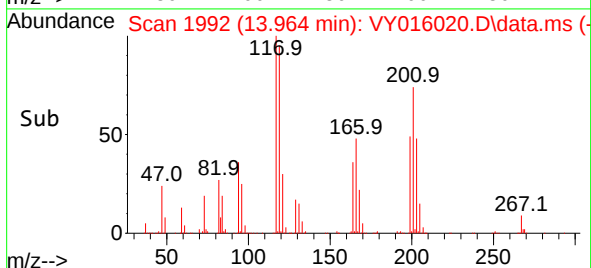
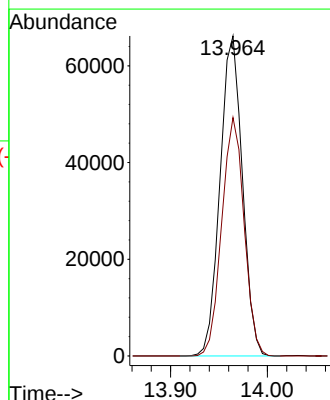
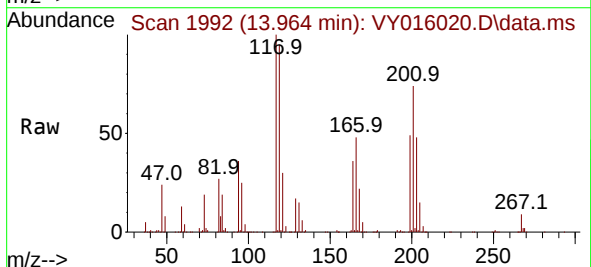
Delta R.T. 0.006 min

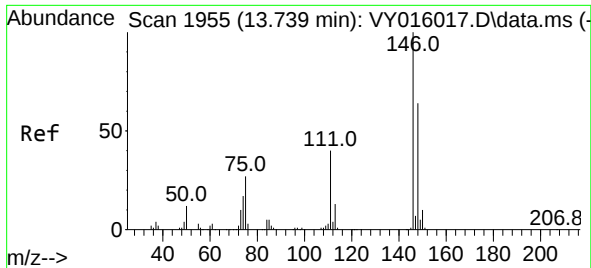
Lab File: VY016020.D

Acq: 18 Oct 2023 14:34

Tgt Ion:117 Resp: 106107

Ion	Ratio	Lower	Upper
117	100		
201	74.5	41.6	124.8





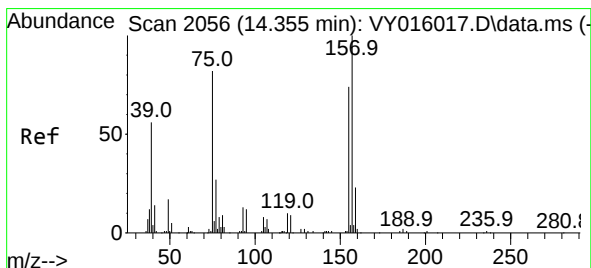
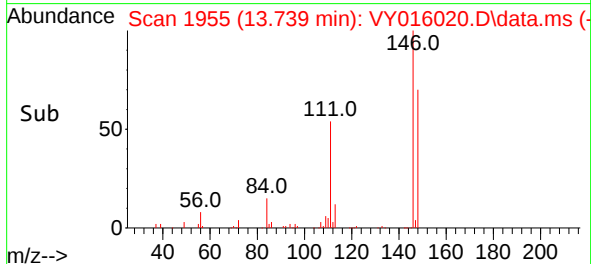
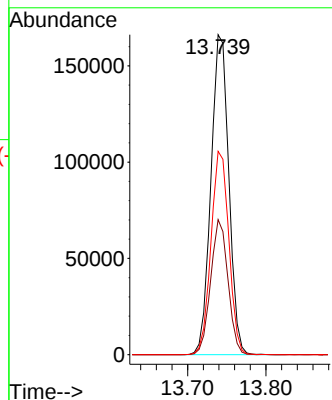
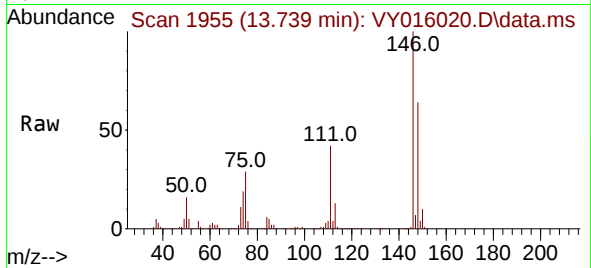
#91
1,2-Dichlorobenzene
Concen: 51.525 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. -0.000 min
Lab File: VY016020.D
Acq: 18 Oct 2023 14:34

Instrument :
MSVOA_Y
ClientSampleId :
ICVY101823

Tgt Ion:146 Resp: 262690
Ion Ratio Lower Upper
146 100
111 41.0 19.7 59.0
148 63.8 32.0 96.2

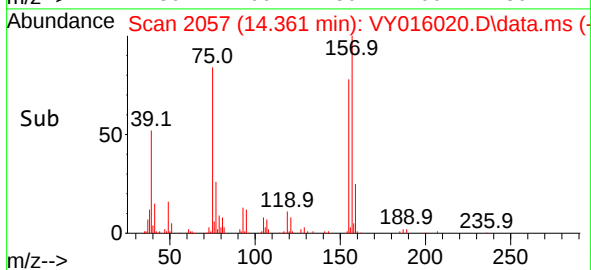
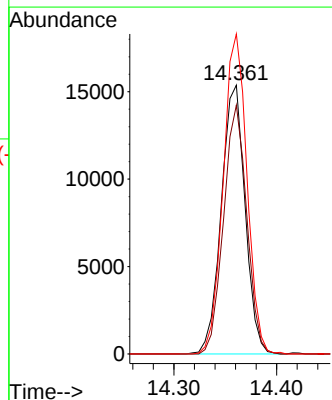
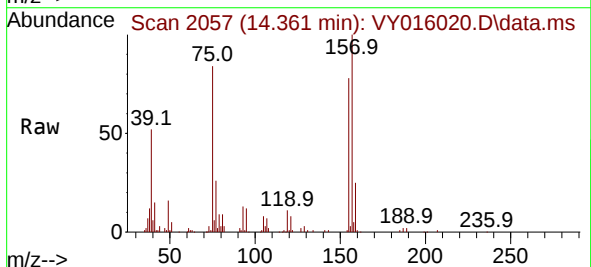
Manual Integrations
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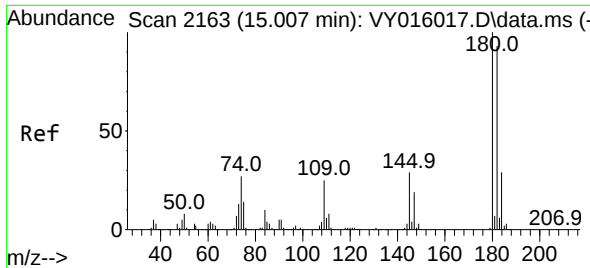
Reviewed By :John Carlone 10/19/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 44.082 ug/l
RT: 14.361 min Scan# 2057
Delta R.T. 0.006 min
Lab File: VY016020.D
Acq: 18 Oct 2023 14:34

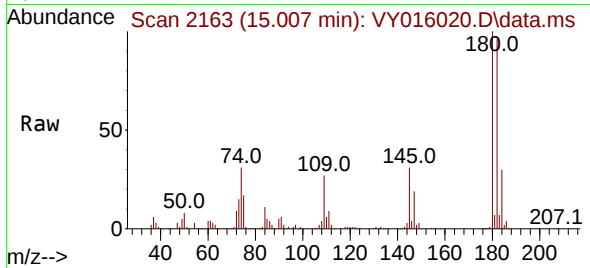
Tgt Ion: 75 Resp: 24713
Ion Ratio Lower Upper
75 100
155 90.0 41.5 124.6
157 118.5 51.8 155.5





#93
1,2,4-Trichlorobenzene
Concen: 52.208 ug/l
RT: 15.007 min Scan# 2163
Delta R.T. -0.000 min
Lab File: VY016020.D
Acq: 18 Oct 2023 14:34

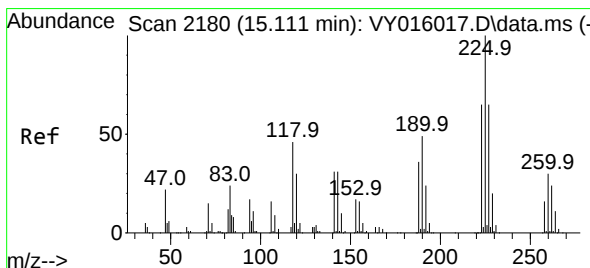
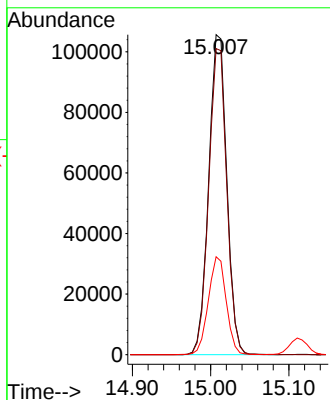
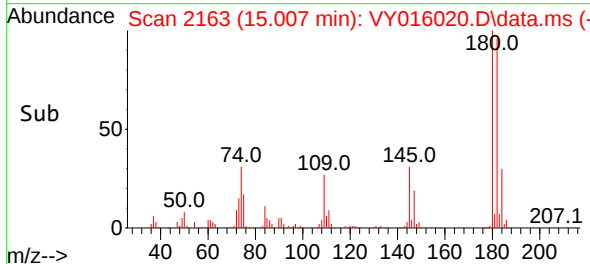
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY101823



Tgt Ion:180 Resp: 169569
Ion Ratio Lower Upper
180 100
182 95.3 47.0 141.2
145 30.3 14.5 43.5

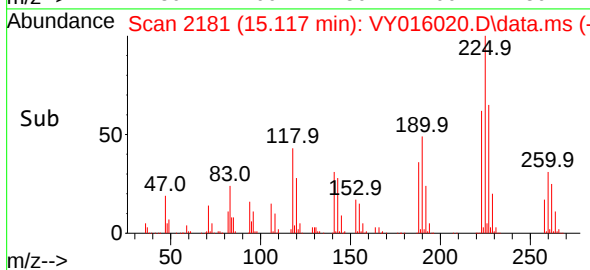
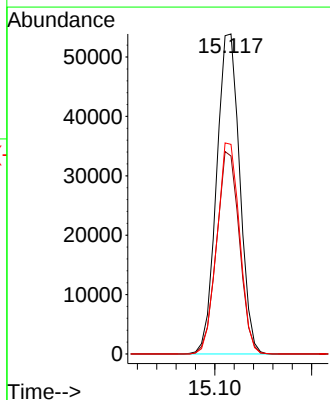
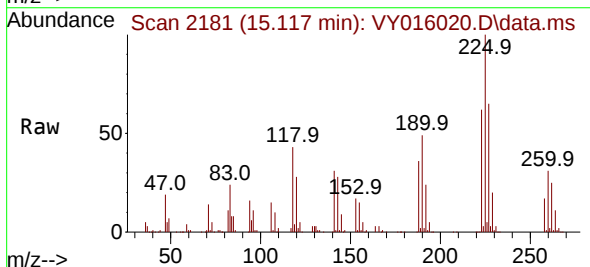
Manual Integrations
APPROVED

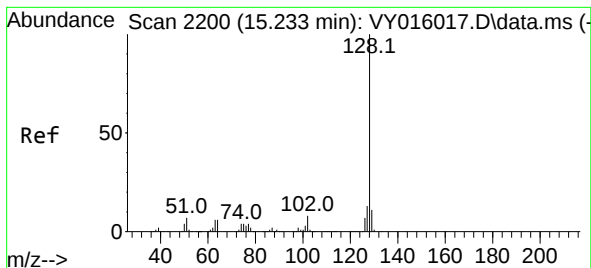
Reviewed By :John Carlone 10/19/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#94
Hexachlorobutadiene
Concen: 50.564 ug/l
RT: 15.117 min Scan# 2181
Delta R.T. 0.006 min
Lab File: VY016020.D
Acq: 18 Oct 2023 14:34

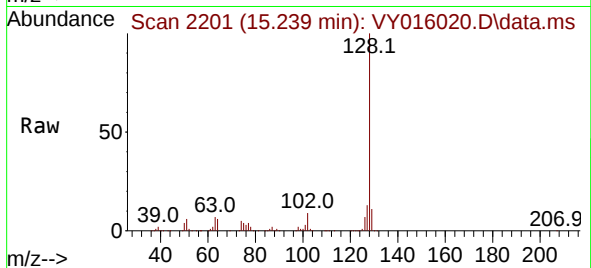
Tgt Ion:225 Resp: 89203
Ion Ratio Lower Upper
225 100
223 62.5 31.9 95.9
227 64.9 33.0 98.9





#95
Naphthalene
Concen: 49.279 ug/l
RT: 15.239 min Scan# 21
Delta R.T. 0.006 min
Lab File: VY016020.D
Acq: 18 Oct 2023 14:34

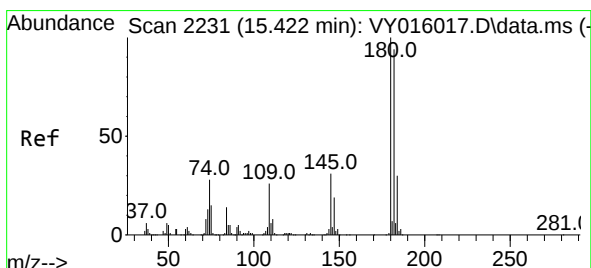
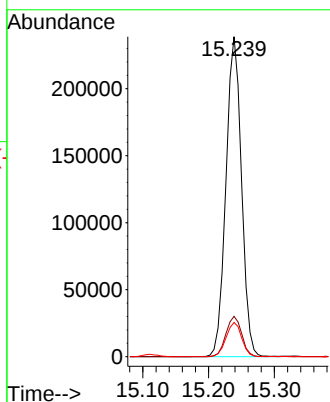
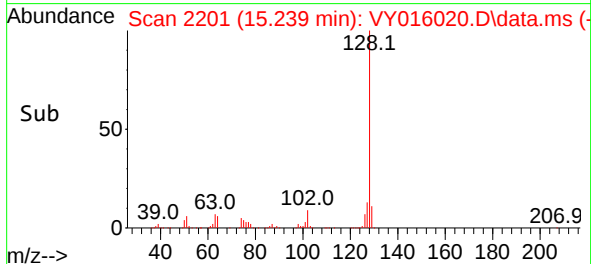
Instrument :
MSVOA_Y
ClientSampleId :
ICVY101823



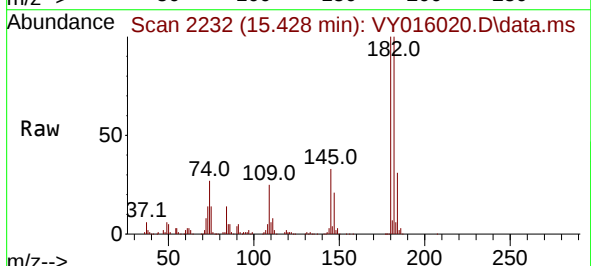
Tgt Ion:128 Resp: 392840
Ion Ratio Lower Upper
128 100
127 12.7 10.8 16.2
129 10.7 8.6 13.0

Manual Integrations
APPROVED

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



#96
1,2,3-Trichlorobenzene
Concen: 51.081 ug/l
RT: 15.428 min Scan# 2232
Delta R.T. 0.006 min
Lab File: VY016020.D
Acq: 18 Oct 2023 14:34



Tgt Ion:180 Resp: 151543
Ion Ratio Lower Upper
180 100
182 96.0 47.3 141.8
145 32.1 15.4 46.2

