

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101823\
 Data File : VY016019.D
 Acq On : 18 Oct 2023 13:25
 Operator : SY/MD
 Sample : VSTDICC150
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC150

Quant Time: Oct 19 02:57:50 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y101823S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 19 02:50:45 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

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

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	232469	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	373503	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	337307	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	165025	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	379984	143.815	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 287.620%#			
35) Dibromofluoromethane	7.716	113	350747	142.670	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 285.340%#			
50) Toluene-d8	10.179	98	1272798	142.551	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 285.100%#			
62) 4-Bromofluorobenzene	12.483	95	450336	141.354	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 282.700%#			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.906	85	288735	150.279	ug/l	97
3) Chloromethane	2.107	50	350584	144.511	ug/l	99
4) Vinyl Chloride	2.247	62	397170	145.872	ug/l	98
6) Chloroethane	2.778	64	208496	119.087	ug/l	96
7) Trichlorofluoromethane	3.107	101	612312	147.775	ug/l	99
8) Diethyl Ether	3.528	74	229452	156.740	ug/l	87
9) 1,1,2-Trichlorotrifluo...	3.887	101	361334	151.598	ug/l	96
10) Methyl Iodide	4.082	142	465709	149.634	ug/l	97
11) Tert butyl alcohol	4.997	59	347724	852.551	ug/l #	81
12) 1,1-Dichloroethene	3.863	96	339518	152.238	ug/l	90
13) Acrolein	3.729	56	263143	751.832	ug/l	99
14) Allyl chloride	4.473	41	544550	156.154	ug/l	93
15) Acrylonitrile	5.168	53	770819	882.621	ug/l	98
16) Acetone	3.960	43	863035	881.171	ug/l	91
17) Carbon Disulfide	4.186	76	989534	151.455	ug/l	98
18) Methyl Acetate	4.479	43	603930	179.154	ug/l	91
19) Methyl tert-butyl Ether	5.222	73	1165302	161.967	ug/l	100
20) Methylene Chloride	4.710	84	390694	134.277	ug/l	89
21) trans-1,2-Dichloroethene	5.210	96	392779	151.239	ug/l	96
22) Diisopropyl ether	6.119	45	1175090	154.752	ug/l	93
23) Vinyl Acetate	6.058	43	3927754	833.874	ug/l #	93
24) 1,1-Dichloroethane	6.015	63	675080	149.859	ug/l	96
25) 2-Butanone	6.990	43	1198105	893.080	ug/l	94
26) 2,2-Dichloropropane	6.978	77	611582	150.892	ug/l	97
27) cis-1,2-Dichloroethene	6.984	96	450214	150.524	ug/l	93
28) Bromochloromethane	7.332	49	294589	152.907	ug/l	90
29) Tetrahydrofuran	7.350	42	748299	921.509	ug/l	89
30) Chloroform	7.503	83	718954	148.849	ug/l	96
31) Cyclohexane	7.783	56	596468	144.231	ug/l	91
32) 1,1,1-Trichloroethane	7.698	97	650973	150.630	ug/l	98
36) 1,1-Dichloropropene	7.917	75	551834	149.196	ug/l	98
37) Ethyl Acetate	7.076	43	490158	183.846	ug/l #	95
38) Carbon Tetrachloride	7.899	117	591847	150.551	ug/l	99
39) Methylcyclohexane	9.179	83	717046	155.125	ug/l	94
40) Benzene	8.161	78	1556648	149.325	ug/l	100
41) Methacrylonitrile	7.307	41	217794m	162.243	ug/l	

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 1,2-Dichloroethane	8.234	62	507088	151.011	ug/l	94
43) Isopropyl Acetate	8.271	43	820344	175.989	ug/l #	96
44) Trichloroethene	8.941	130	443896	151.869	ug/l	97
45) 1,2-Dichloropropane	9.216	63	395264	151.508	ug/l	96
46) Dibromomethane	9.301	93	272280	157.207	ug/l	97
47) Bromodichloromethane	9.496	83	580148	152.830	ug/l	98
48) Methyl methacrylate	9.289	41	376123	177.267	ug/l	88
51) 4-Methyl-2-Pentanone	10.069	43	2390462	891.783	ug/l	90
52) Toluene	10.246	92	1013124	149.837	ug/l	93
53) t-1,3-Dichloropropene	10.465	75	655415	159.384	ug/l	98
54) cis-1,3-Dichloropropene	9.929	75	694168	154.861	ug/l #	89
55) 1,1,2-Trichloroethane	10.642	97	370505	155.710	ug/l	98
56) Ethyl methacrylate	10.508	69	600168	172.591	ug/l #	84
57) 1,3-Dichloropropane	10.788	76	632350	156.654	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.783	63	1390568	832.535	ug/l	93
59) 2-Hexanone	10.831	43	1856618	910.366	ug/l	87
60) Dibromochloromethane	10.984	129	452956	157.404	ug/l	100
61) 1,2-Dibromoethane	11.087	107	389406	160.808	ug/l	99
64) Tetrachloroethene	10.721	164	403689	154.342	ug/l	97
65) Chlorobenzene	11.514	112	1090298	149.254	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	415601	150.941	ug/l	98
67) Ethyl Benzene	11.593	91	1962640	151.831	ug/l	98
68) m/p-Xylenes	11.703	106	1517627	301.078	ug/l	94
69) o-Xylene	12.026	106	730960	152.432	ug/l	96
70) Styrene	12.044	104	1259765	154.139	ug/l	96
71) Bromoform	12.209	173	321310	165.843	ug/l #	99
73) Isopropylbenzene	12.331	105	1900794	153.980	ug/l	99
74) N-amyl acetate	12.142	43	702314	180.125	ug/l #	90
75) 1,1,2,2-Tetrachloroethane	12.581	83	517317	167.319	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	390212m	167.631	ug/l	
77) Bromobenzene	12.605	156	458857	153.144	ug/l	96
78) n-propylbenzene	12.672	91	2252276	151.478	ug/l	99
79) 2-Chlorotoluene	12.758	91	1269474	152.110	ug/l	99
80) 1,3,5-Trimethylbenzene	12.813	105	1545420	151.143	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.380	75	196142	183.241	ug/l	91
82) 4-Chlorotoluene	12.855	91	1316010	151.090	ug/l	99
83) tert-Butylbenzene	13.075	119	1352407	150.840	ug/l	98
84) 1,2,4-Trimethylbenzene	13.117	105	1532722	150.953	ug/l	98
85) sec-Butylbenzene	13.251	105	1995219	149.001	ug/l	100
86) p-Isopropyltoluene	13.367	119	1667583	149.020	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	878061	150.618	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	868507	147.967	ug/l	99
89) n-Butylbenzene	13.697	91	1543022	148.118	ug/l	95
90) Hexachloroethane	13.959	117	321290	150.614	ug/l	92
91) 1,2-Dichlorobenzene	13.739	146	800493	149.556	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	102176	173.609	ug/l	87
93) 1,2,4-Trichlorobenzene	15.007	180	515878	151.293	ug/l	99
94) Hexachlorobutadiene	15.111	225	257784	139.189	ug/l	98
95) Naphthalene	15.233	128	1422804	170.008	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	473931	152.167	ug/l	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC150

Manual Integrations

APPROVED

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Supervised By :Semsettin Yesilyurt 10/20/2023

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Client Sample Id :

VSTDICC150

Manual Integrations

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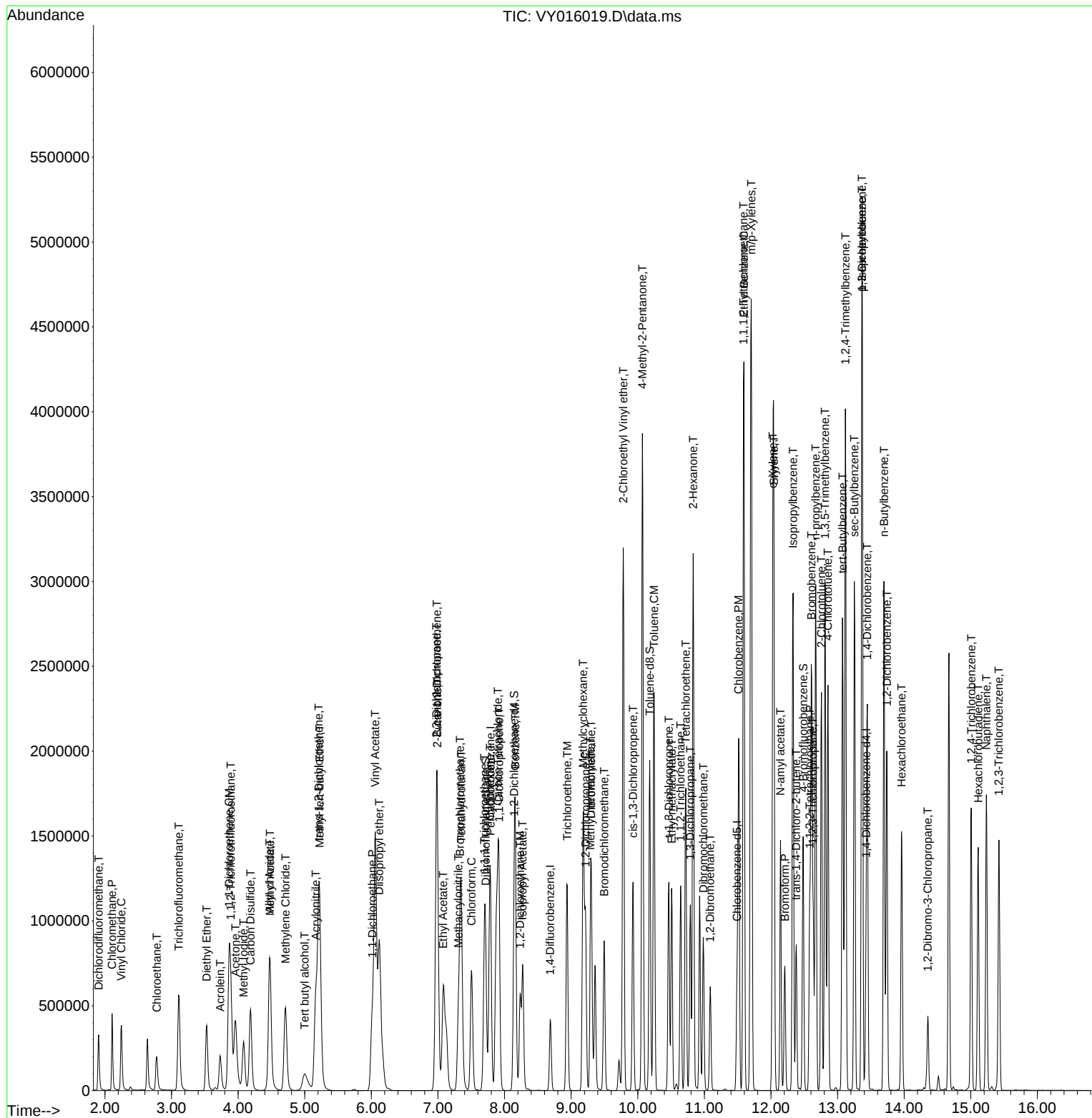
Quant Time: Oct 19 02:57:50 2023

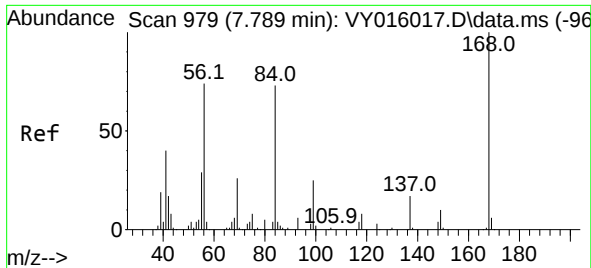
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Quant Title : SW846 8260

QLast Update : Thu Oct 19 02:50:45 2023

Response via : Initial Calibration





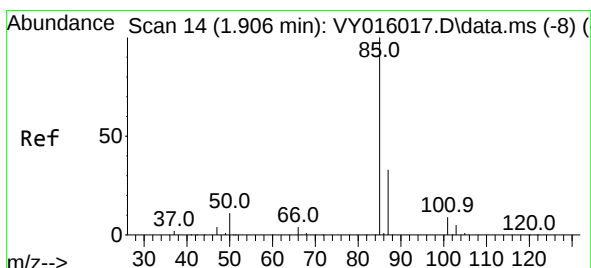
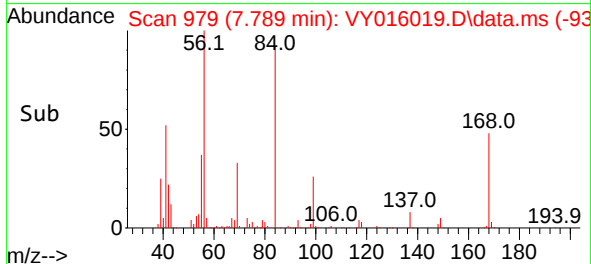
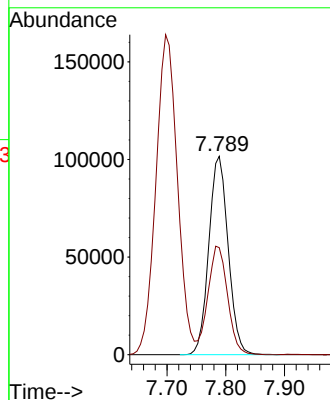
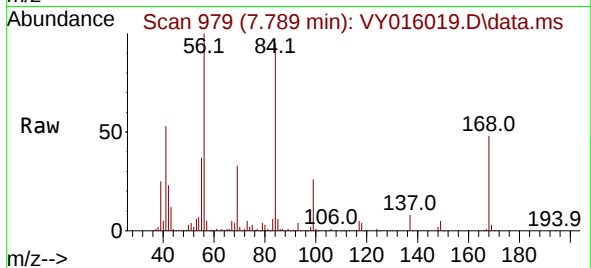
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY016019.D
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Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tgt Ion:168 Resp: 232469
Ion Ratio Lower Upper
168 100
99 53.8 43.4 65.0

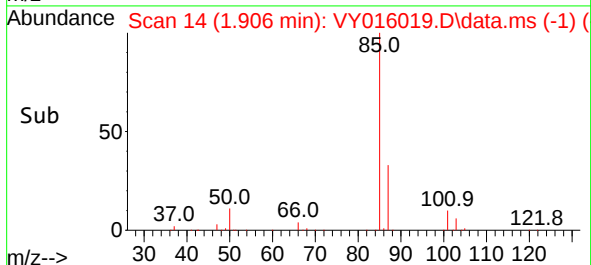
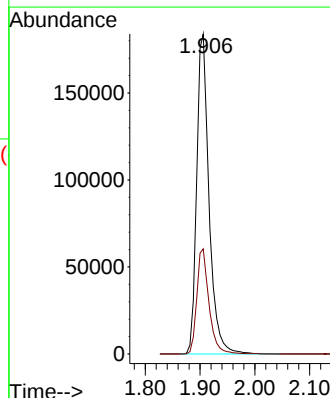
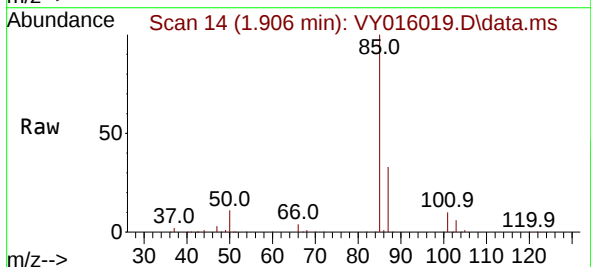
Manual Integrations
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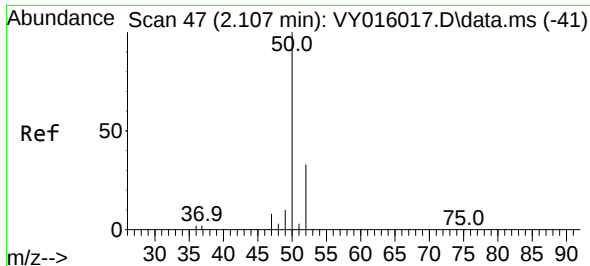
Reviewed By :John Carlone 10/19/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#2
Dichlorodifluoromethane
Concen: 150.279 ug/l
RT: 1.906 min Scan# 14
Delta R.T. 0.000 min
Lab File: VY016019.D
Acq: 18 Oct 2023 13:25

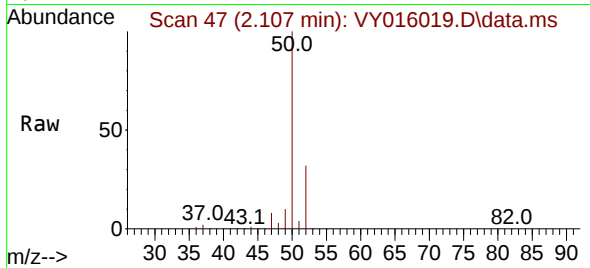
Tgt Ion: 85 Resp: 288735
Ion Ratio Lower Upper
85 100
87 32.8 15.6 46.8





#3
Chloromethane
Concen: 144.511 ug/l
RT: 2.107 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY016019.D
Acq: 18 Oct 2023 13:25

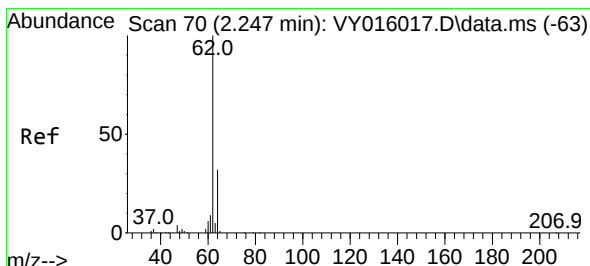
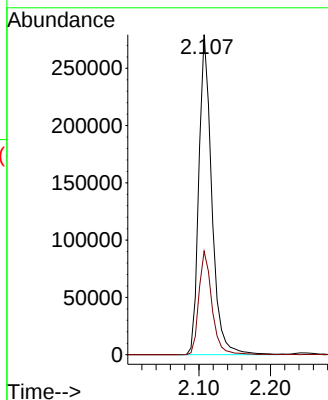
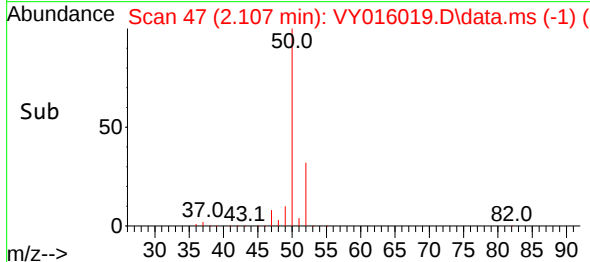
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150



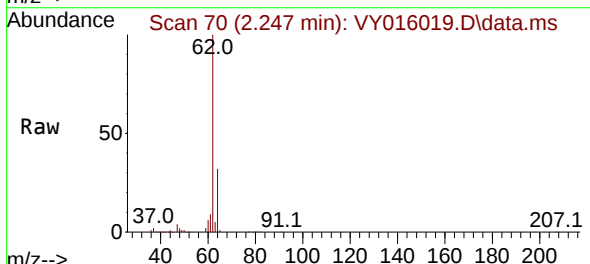
Tgt Ion: 50 Resp: 350584
Ion Ratio Lower Upper
50 100
52 32.4 25.4 38.2

Manual Integrations
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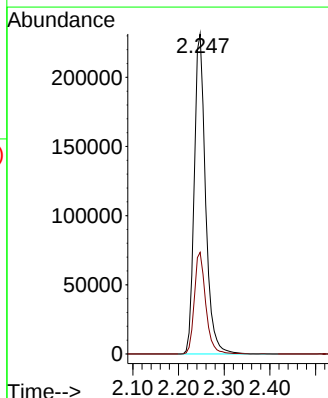
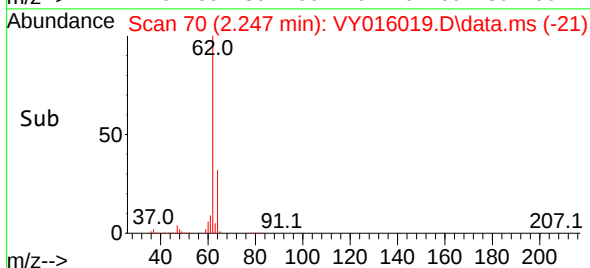
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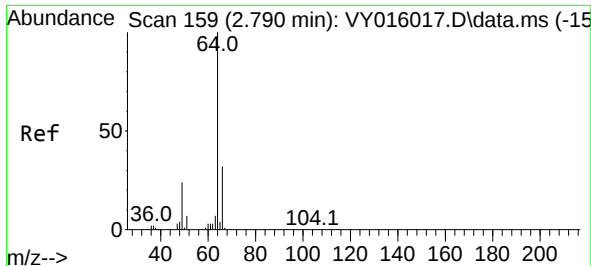


#4
Vinyl Chloride
Concen: 145.872 ug/l
RT: 2.247 min Scan# 70
Delta R.T. 0.000 min
Lab File: VY016019.D
Acq: 18 Oct 2023 13:25



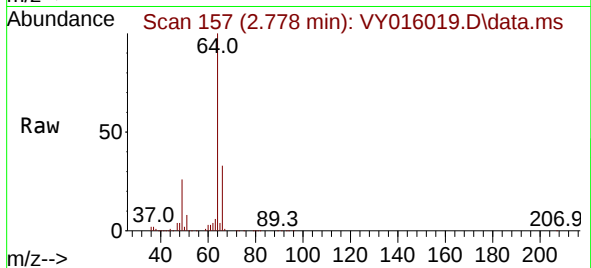
Tgt Ion: 62 Resp: 397170
Ion Ratio Lower Upper
62 100
64 31.7 24.3 36.5





#6
Chloroethane
Concen: 119.087 ug/l
RT: 2.778 min Scan# 11
Delta R.T. -0.012 min
Lab File: VY016019.D
Acq: 18 Oct 2023 13:25

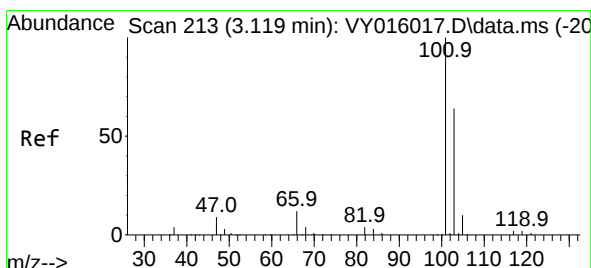
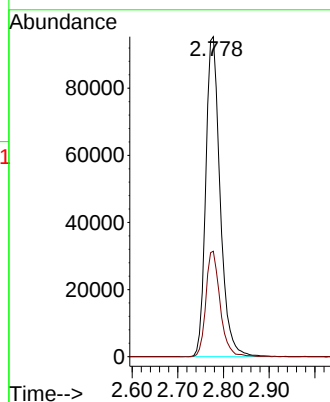
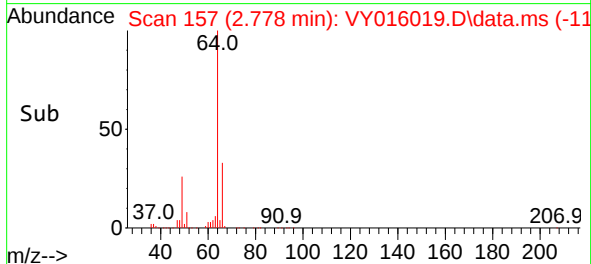
Instrument :
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VSTDICC150



Tgt Ion: 64 Resp: 208490
Ion Ratio Lower Upper
64 100
66 32.9 24.4 36.6

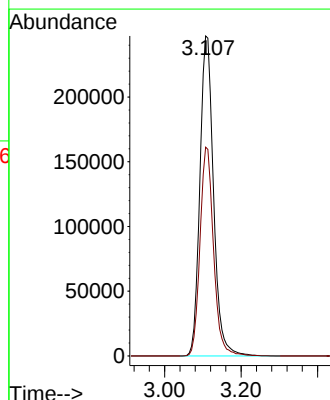
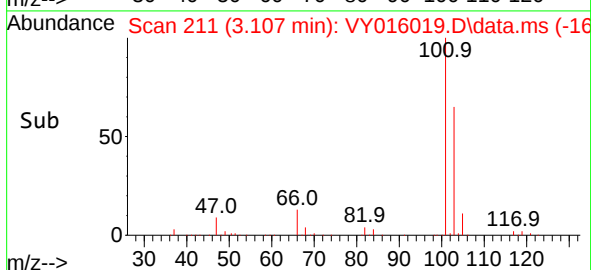
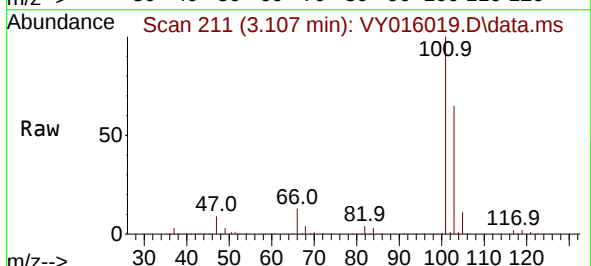
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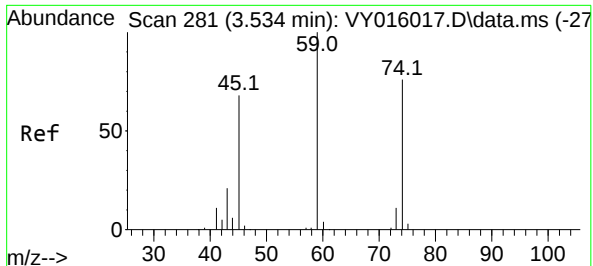
Reviewed By :John Carlone 10/19/2023
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#7
Trichlorofluoromethane
Concen: 147.775 ug/l
RT: 3.107 min Scan# 211
Delta R.T. -0.012 min
Lab File: VY016019.D
Acq: 18 Oct 2023 13:25

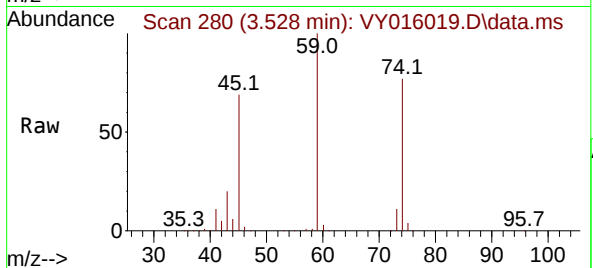
Tgt Ion:101 Resp: 612312
Ion Ratio Lower Upper
101 100
103 65.3 51.4 77.0





#8
Diethyl Ether
Concen: 156.740 ug/l
RT: 3.528 min Scan# 21
Delta R.T. -0.006 min
Lab File: VY016019.D
Acq: 18 Oct 2023 13:25

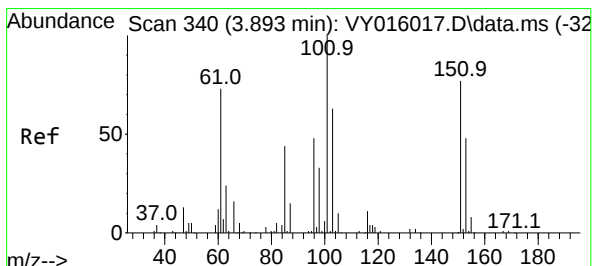
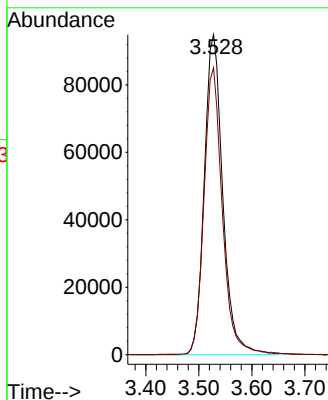
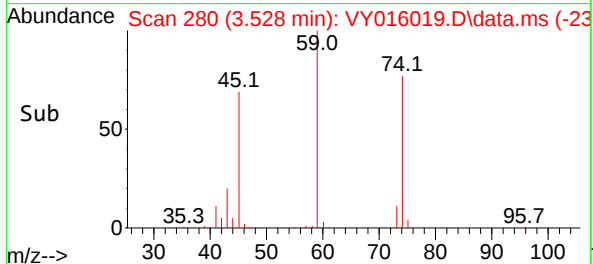
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150



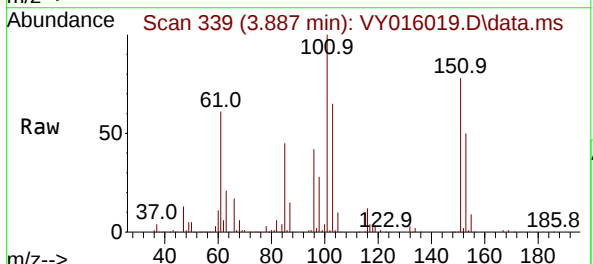
Tgt Ion: 74 Resp: 229452
Ion Ratio Lower Upper
74 100
45 89.8 51.5 154.5

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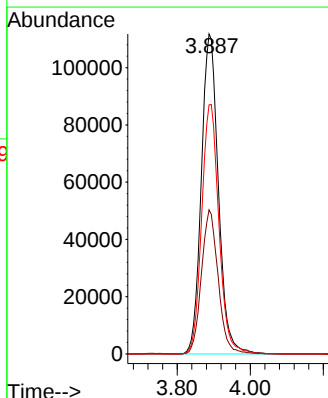
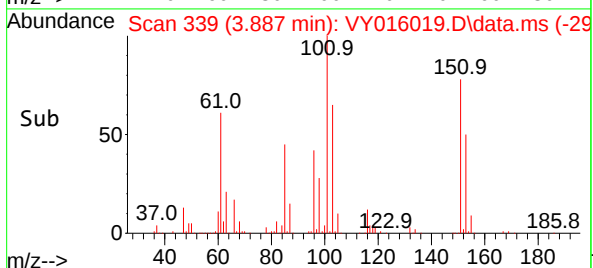
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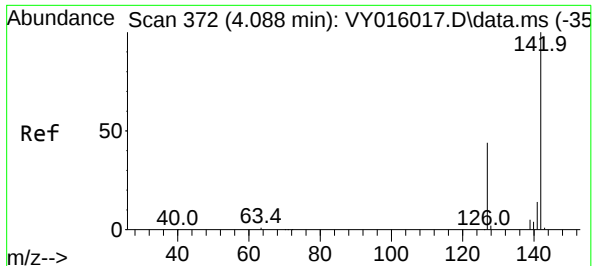


#9
1,1,2-Trichlorotrifluoroethane
Concen: 151.598 ug/l
RT: 3.887 min Scan# 339
Delta R.T. -0.006 min
Lab File: VY016019.D
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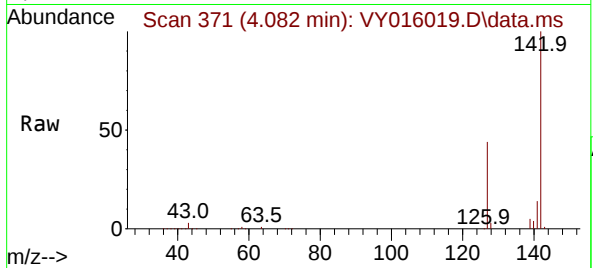
Tgt Ion:101 Resp: 361334
Ion Ratio Lower Upper
101 100
85 44.2 36.6 55.0
151 78.8 67.0 100.6





#10
Methyl Iodide
Concen: 149.634 ug/l
RT: 4.082 min Scan# 31
Delta R.T. -0.006 min
Lab File: VY016019.D
Acq: 18 Oct 2023 13:25

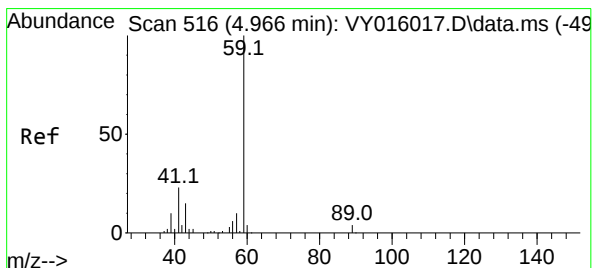
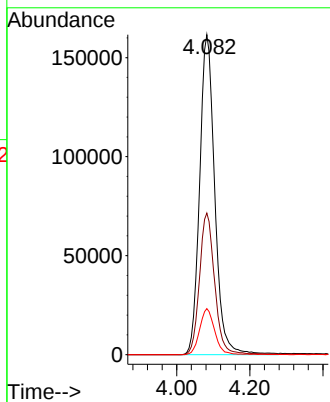
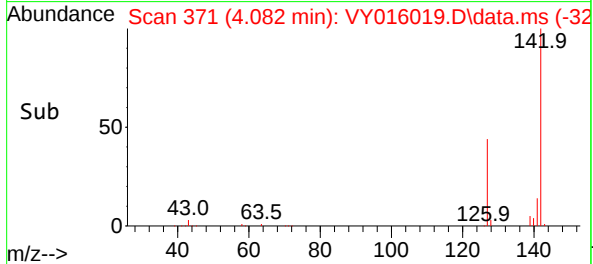
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150



Tgt Ion:142 Resp: 465709
Ion Ratio Lower Upper
142 100
127 44.3 37.6 56.4
141 14.3 11.8 17.8

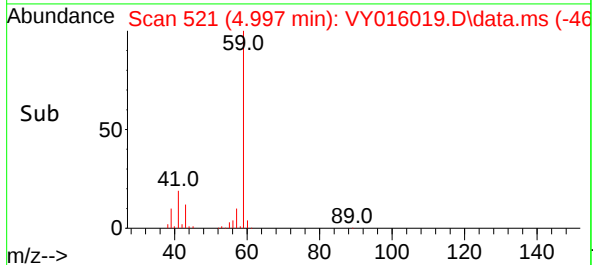
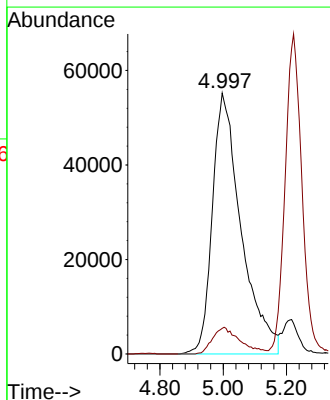
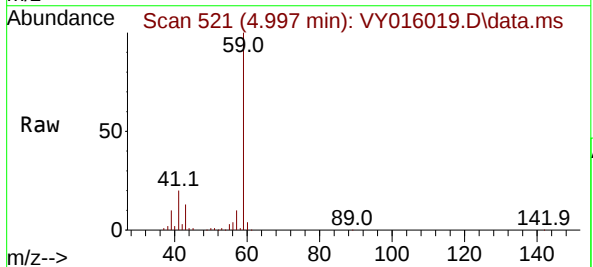
Manual Integrations
APPROVED

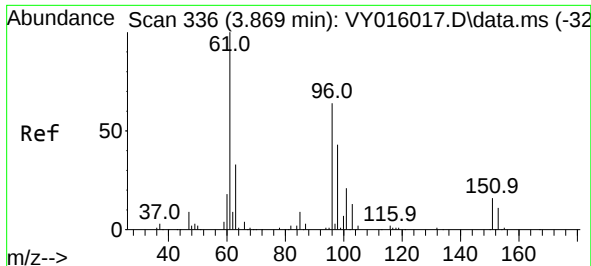
Reviewed By :John Carlone 10/19/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#11
Tert butyl alcohol
Concen: 852.551 ug/l
RT: 4.997 min Scan# 521
Delta R.T. 0.031 min
Lab File: VY016019.D
Acq: 18 Oct 2023 13:25

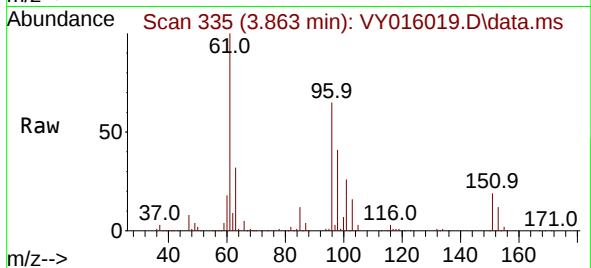
Tgt Ion: 59 Resp: 347724
Ion Ratio Lower Upper
59 100
57 9.9 3.0 4.4#





#12
1,1-Dichloroethene
Concen: 152.238 ug/l
RT: 3.863 min Scan# 311
Delta R.T. -0.006 min
Lab File: VY016019.D
Acq: 18 Oct 2023 13:25

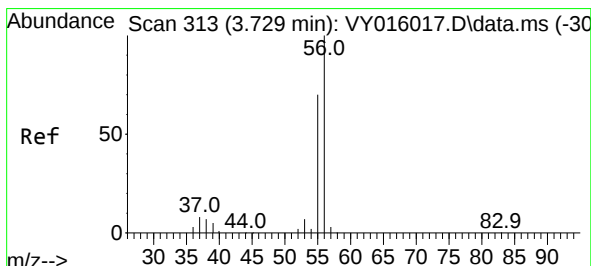
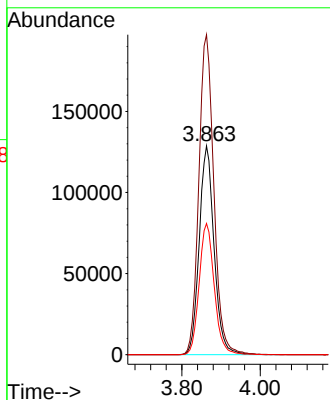
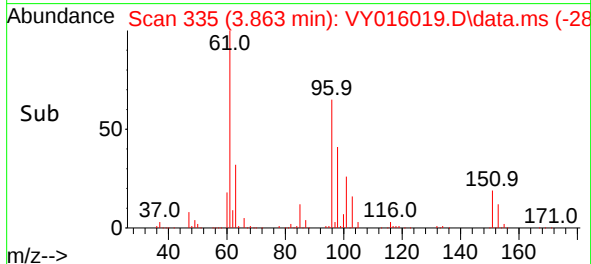
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150



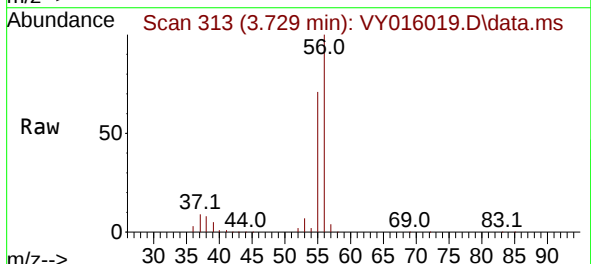
Tgt Ion: 96 Resp: 339518
Ion Ratio Lower Upper
96 100
61 153.2 136.4 204.6
98 62.8 49.4 74.2

Manual Integrations
APPROVED

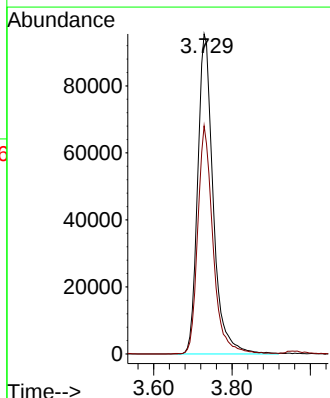
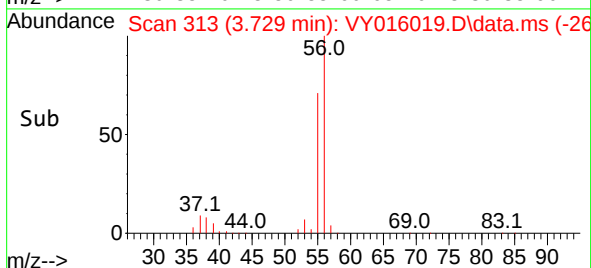
Reviewed By :John Carlone 10/19/2023
Supervised By :Semsettin Yesilyurt 10/20/2023

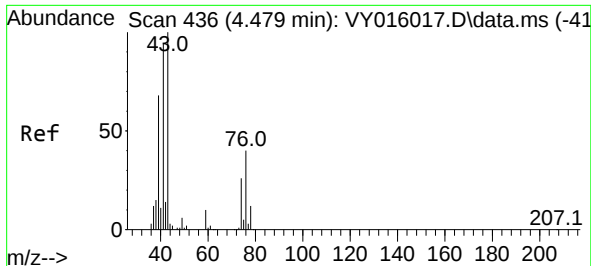


#13
Acrolein
Concen: 751.832 ug/l
RT: 3.729 min Scan# 313
Delta R.T. -0.000 min
Lab File: VY016019.D
Acq: 18 Oct 2023 13:25



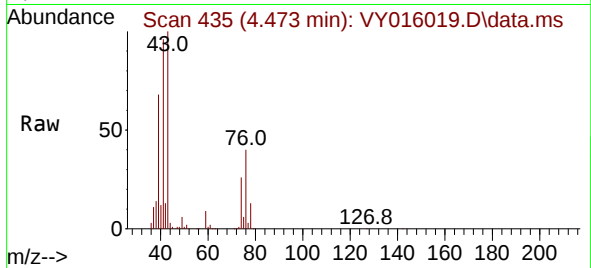
Tgt Ion: 56 Resp: 263143
Ion Ratio Lower Upper
56 100
55 70.3 57.0 85.4





#14
 Allyl chloride
 Concen: 156.154 ug/l
 RT: 4.473 min Scan# 41
 Delta R.T. -0.006 min
 Lab File: VY016019.D
 Acq: 18 Oct 2023 13:25

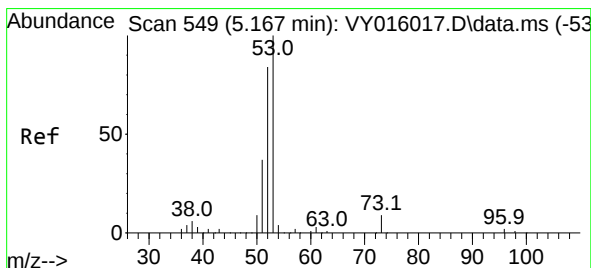
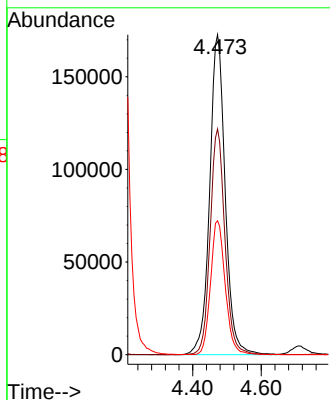
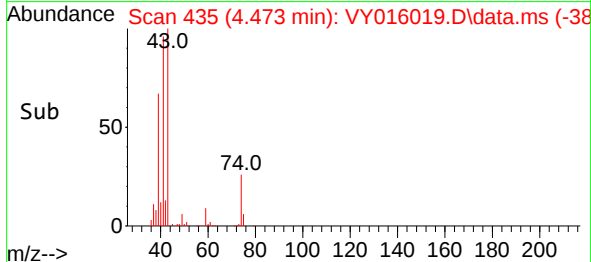
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150



Tgt Ion: 41 Resp: 544550
 Ion Ratio Lower Upper
 41 100
 39 67.3 58.0 87.0
 76 39.6 27.4 41.2

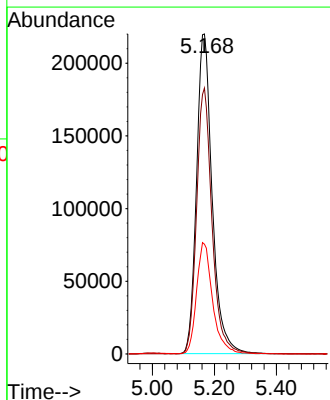
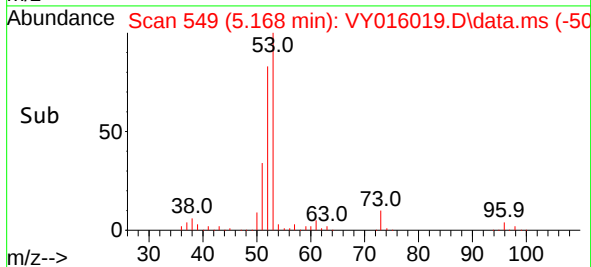
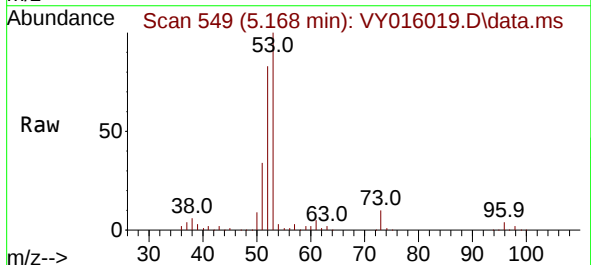
Manual Integrations
 APPROVED

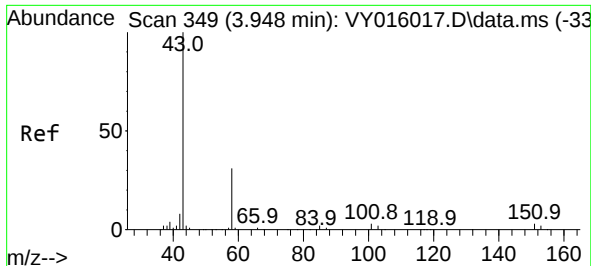
Reviewed By :John Carlone 10/19/2023
 Supervised By :Semsettin Yesilyurt 10/20/2023



#15
 Acrylonitrile
 Concen: 882.621 ug/l
 RT: 5.168 min Scan# 549
 Delta R.T. 0.000 min
 Lab File: VY016019.D
 Acq: 18 Oct 2023 13:25

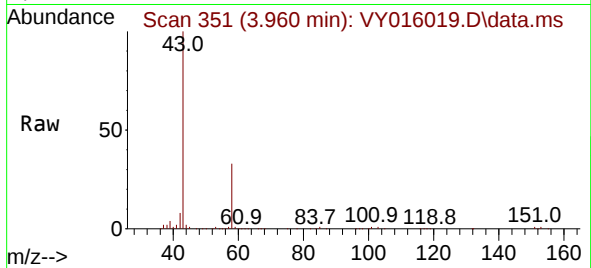
Tgt Ion: 53 Resp: 770819
 Ion Ratio Lower Upper
 53 100
 52 82.1 66.9 100.3
 51 35.6 29.8 44.6





#16
Acetone
Concen: 881.171 ug/l
RT: 3.960 min Scan# 349
Delta R.T. 0.012 min
Lab File: VY016019.D
Acq: 18 Oct 2023 13:25

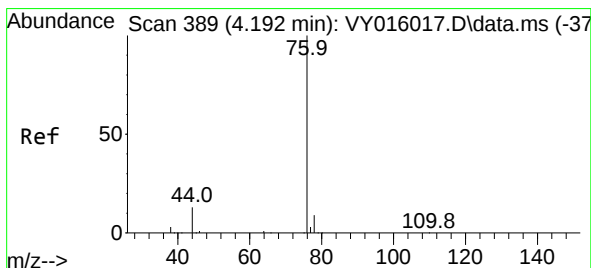
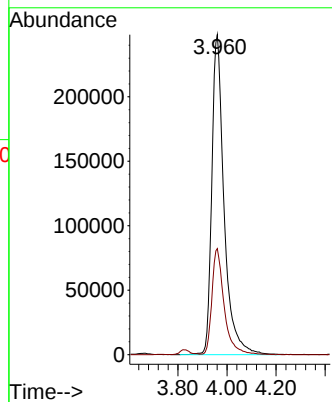
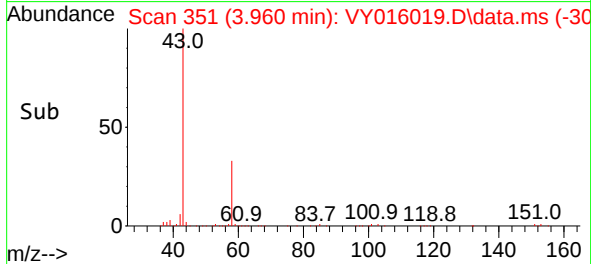
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150



Tgt Ion: 43 Resp: 863035
Ion Ratio Lower Upper
43 100
58 33.1 22.7 34.1

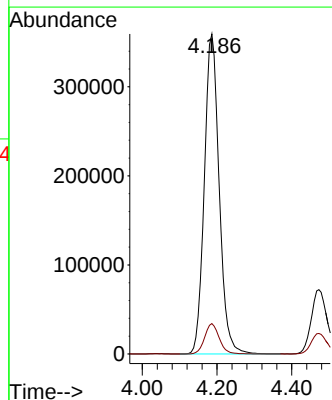
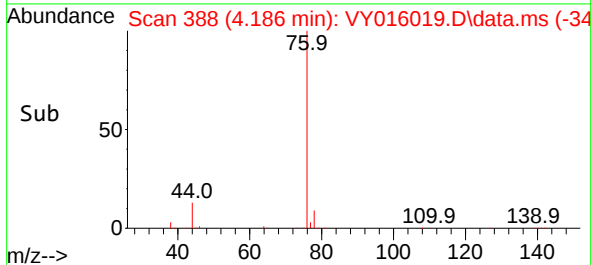
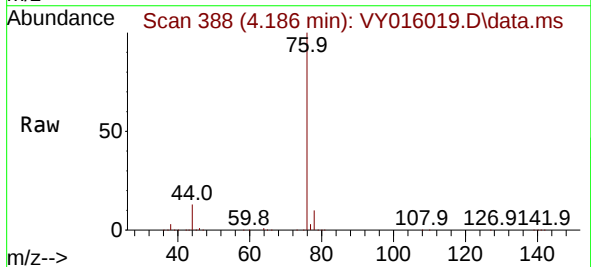
Manual Integrations
APPROVED

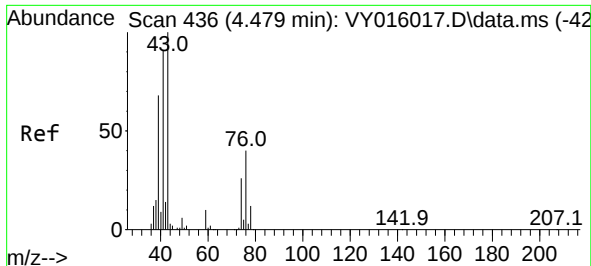
Reviewed By :John Carlone 10/19/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#17
Carbon Disulfide
Concen: 151.455 ug/l
RT: 4.186 min Scan# 388
Delta R.T. -0.006 min
Lab File: VY016019.D
Acq: 18 Oct 2023 13:25

Tgt Ion: 76 Resp: 989534
Ion Ratio Lower Upper
76 100
78 9.5 7.0 10.4





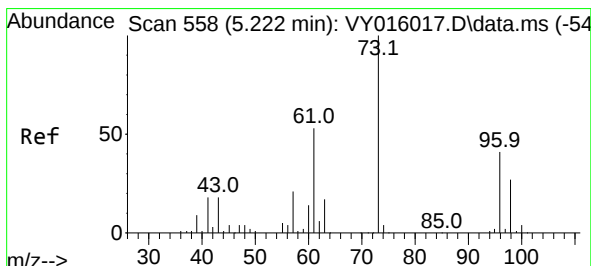
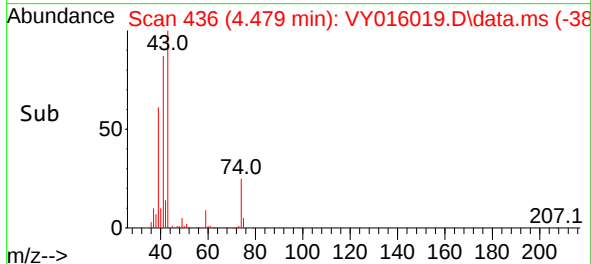
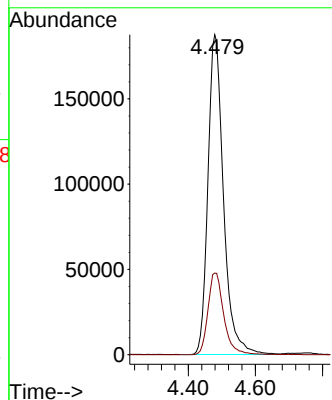
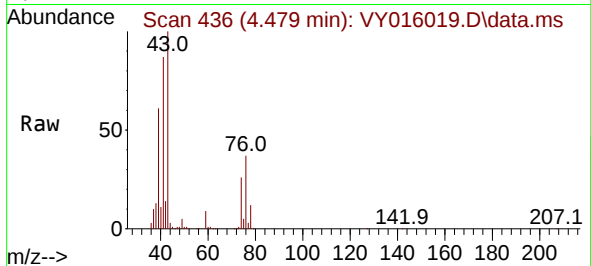
#18
Methyl Acetate
Concen: 179.154 ug/l
RT: 4.479 min Scan# 436
Delta R.T. 0.000 min
Lab File: VY016019.D
Acq: 18 Oct 2023 13:25

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tgt Ion: 43 Resp: 603930
Ion Ratio Lower Upper
43 100
74 26.0 17.4 26.0

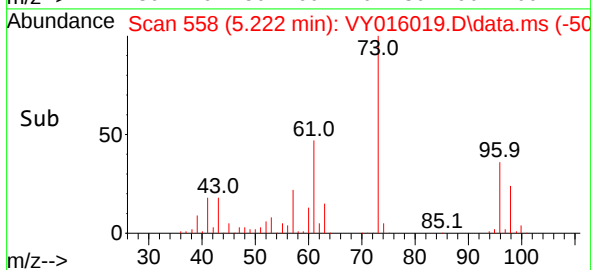
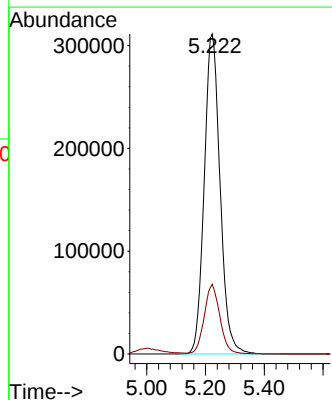
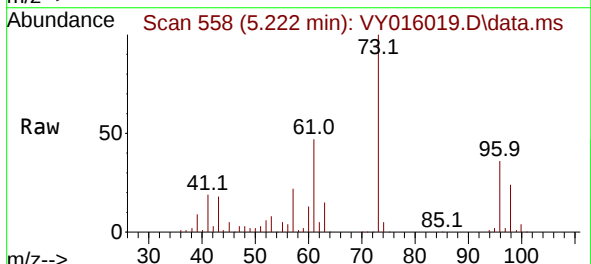
Manual Integrations
APPROVED

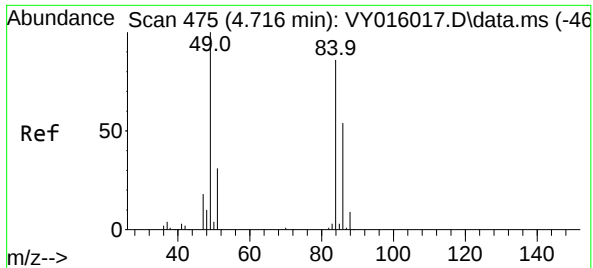
Reviewed By :John Carlone 10/19/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#19
Methyl tert-butyl Ether
Concen: 161.967 ug/l
RT: 5.222 min Scan# 558
Delta R.T. 0.000 min
Lab File: VY016019.D
Acq: 18 Oct 2023 13:25

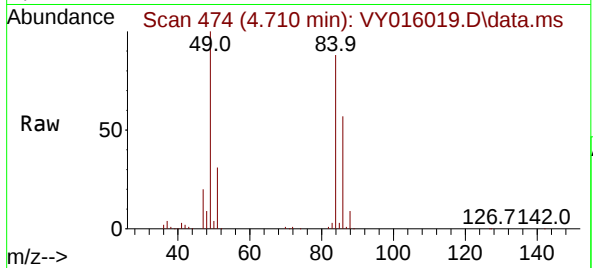
Tgt Ion: 73 Resp: 1165302
Ion Ratio Lower Upper
73 100
57 21.8 17.3 25.9





#20
Methylene Chloride
Concen: 134.277 ug/l
RT: 4.710 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY016019.D
Acq: 18 Oct 2023 13:25

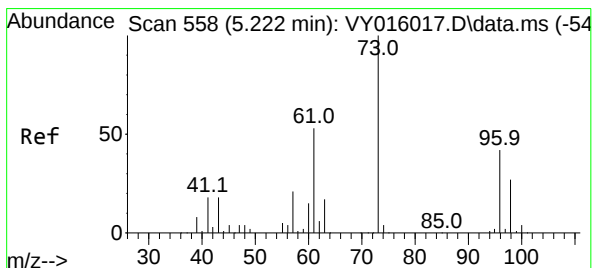
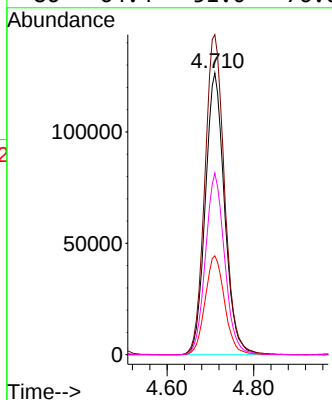
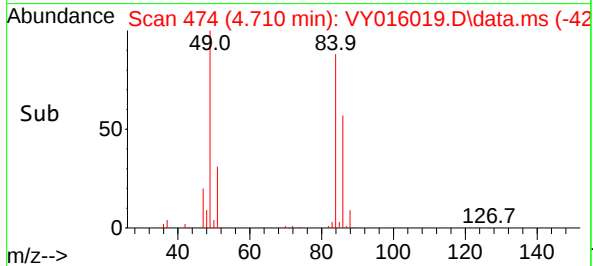
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150



Tgt Ion: 84 Resp: 390694
Ion Ratio Lower Upper
84 100
49 113.5 106.9 160.3
51 35.1 33.2 49.8
86 64.4 51.0 76.6

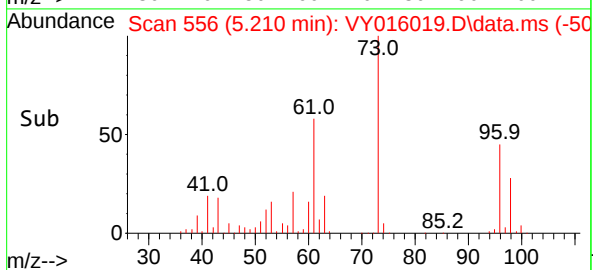
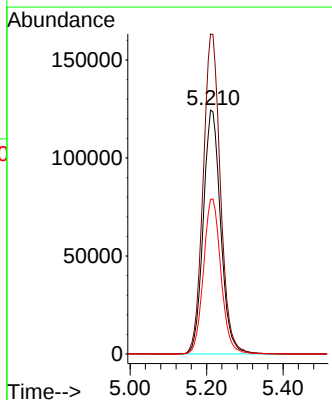
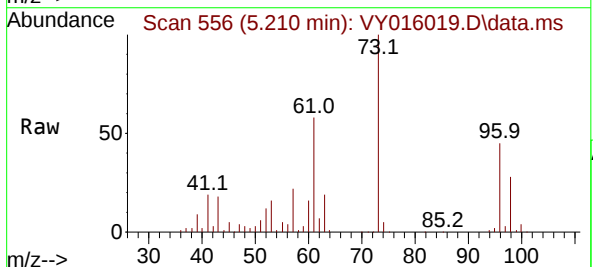
Manual Integrations
APPROVED

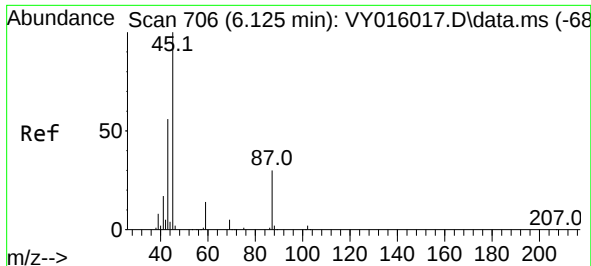
Reviewed By :John Carlone 10/19/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#21
trans-1,2-Dichloroethene
Concen: 151.239 ug/l
RT: 5.210 min Scan# 556
Delta R.T. -0.012 min
Lab File: VY016019.D
Acq: 18 Oct 2023 13:25

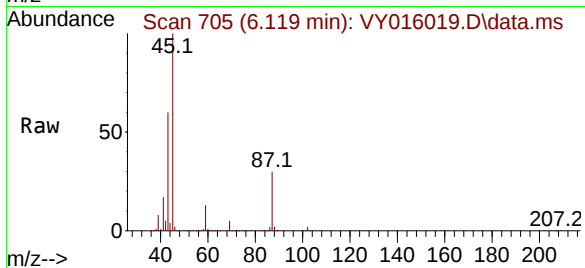
Tgt Ion: 96 Resp: 392779
Ion Ratio Lower Upper
96 100
61 131.2 110.2 165.4
98 63.4 51.8 77.6





#22
Diisopropyl ether
Concen: 154.752 ug/l
RT: 6.119 min Scan# 706
Delta R.T. -0.006 min
Lab File: VY016019.D
Acq: 18 Oct 2023 13:25

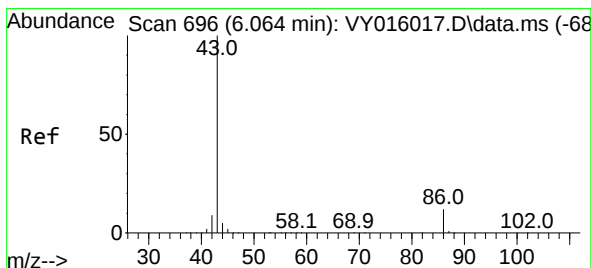
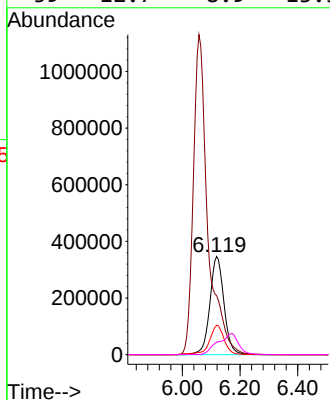
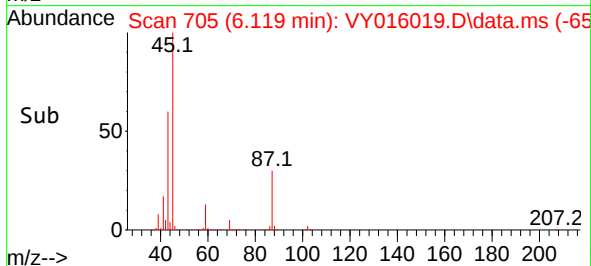
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150



Tgt Ion: 45 Resp: 1175090
Ion Ratio Lower Upper
45 100
43 60.0 52.2 78.4
87 30.0 21.0 31.6
59 12.7 8.9 13.3

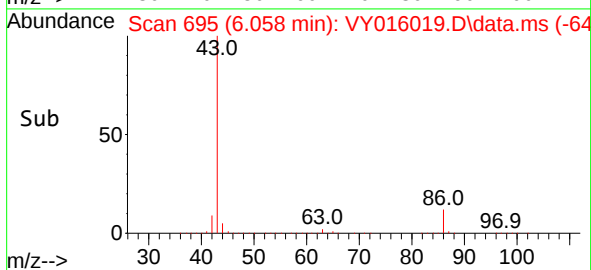
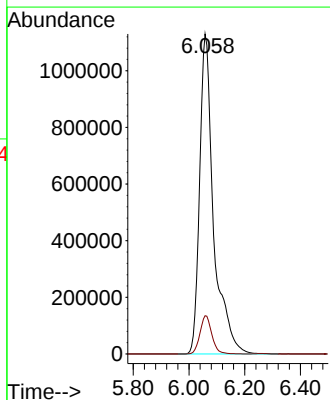
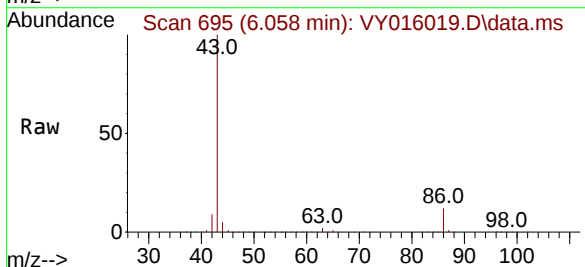
Manual Integrations
APPROVED

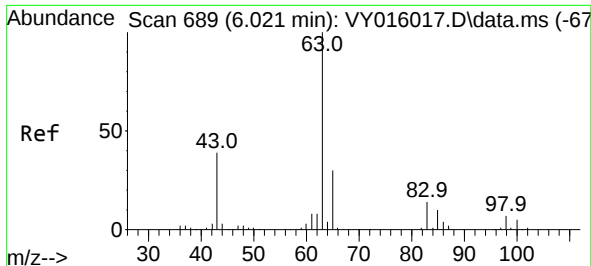
Reviewed By :John Carlone 10/19/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#23
Vinyl Acetate
Concen: 833.874 ug/l
RT: 6.058 min Scan# 695
Delta R.T. -0.006 min
Lab File: VY016019.D
Acq: 18 Oct 2023 13:25

Tgt Ion: 43 Resp: 3927754
Ion Ratio Lower Upper
43 100
86 12.0 7.5 11.3#





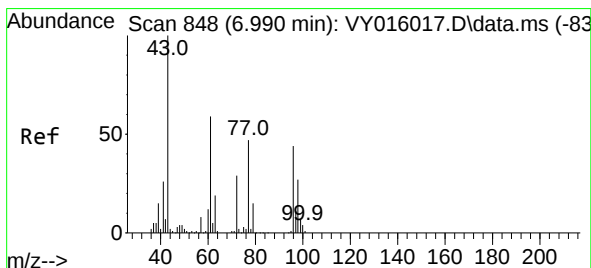
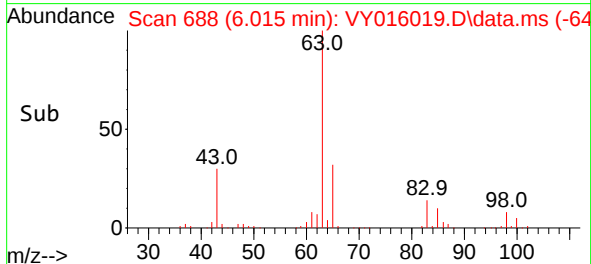
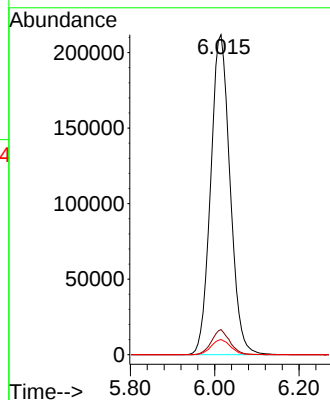
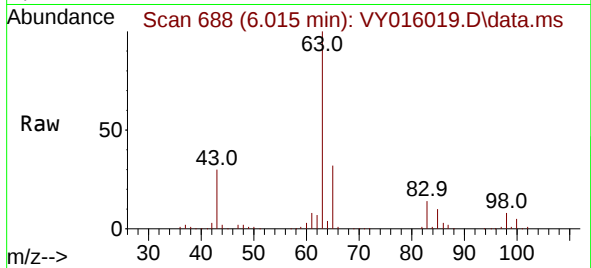
#24
1,1-Dichloroethane
Concen: 149.859 ug/l
RT: 6.015 min Scan# 61
Delta R.T. -0.006 min
Lab File: VY016019.D
Acq: 18 Oct 2023 13:25

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tgt Ion: 63 Resp: 675080
Ion Ratio Lower Upper
63 100
98 7.8 3.1 9.4
100 4.8 1.8 5.5

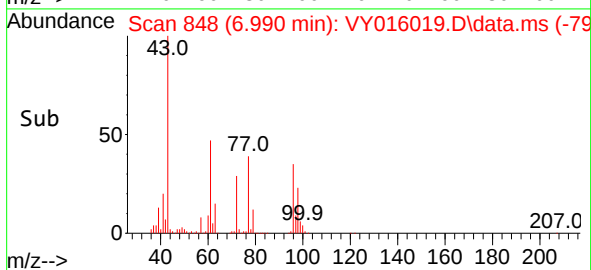
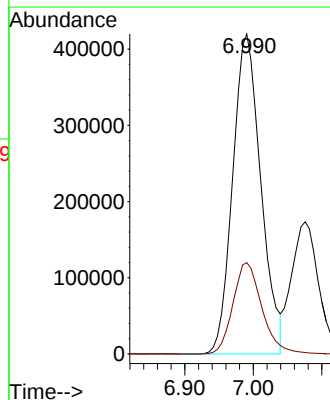
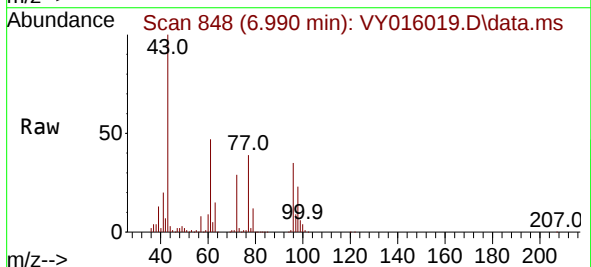
Manual Integrations
APPROVED

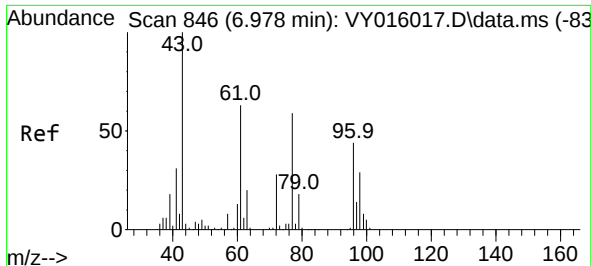
Reviewed By :John Carlone 10/19/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#25
2-Butanone
Concen: 893.080 ug/l
RT: 6.990 min Scan# 848
Delta R.T. 0.000 min
Lab File: VY016019.D
Acq: 18 Oct 2023 13:25

Tgt Ion: 43 Resp: 1198105
Ion Ratio Lower Upper
43 100
72 28.6 20.5 30.7





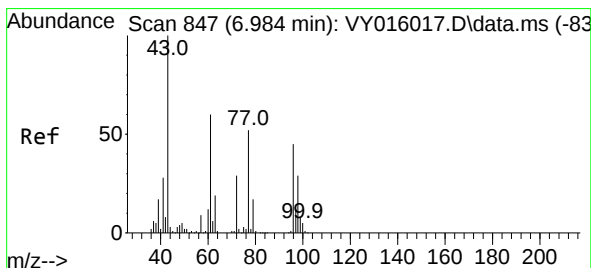
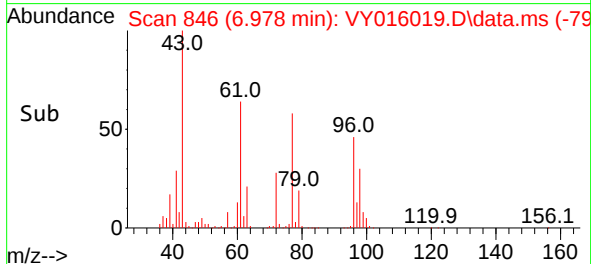
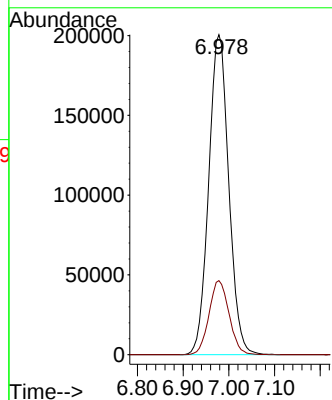
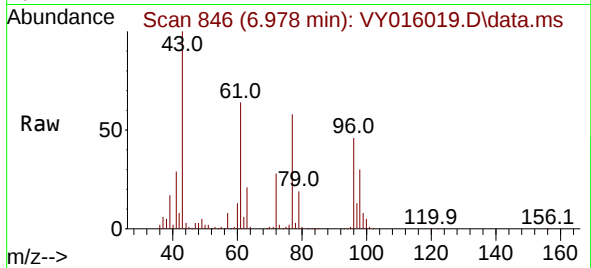
#26
2,2-Dichloropropane
Concen: 150.892 ug/l
RT: 6.978 min Scan# 846
Delta R.T. 0.000 min
Lab File: VY016019.D
Acq: 18 Oct 2023 13:25

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tgt Ion: 77 Resp: 61158
Ion Ratio Lower Upper
77 100
97 23.2 10.9 32.9

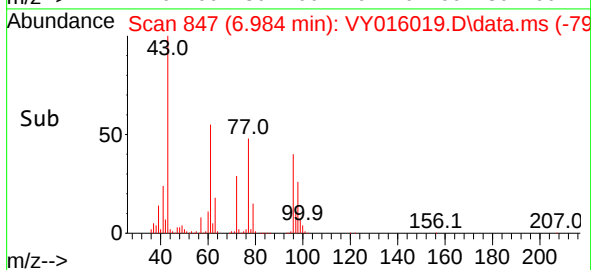
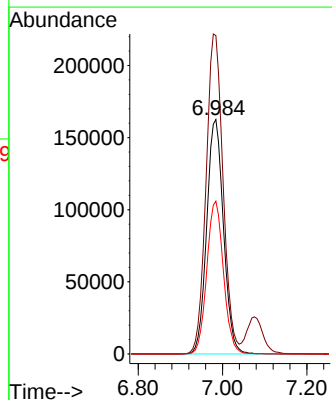
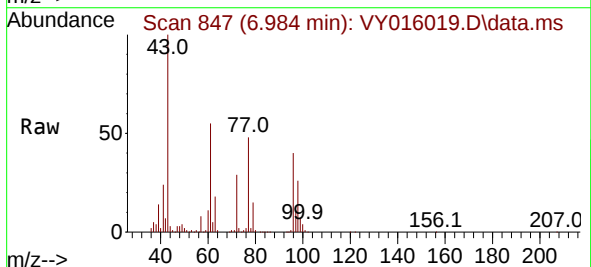
Manual Integrations
APPROVED

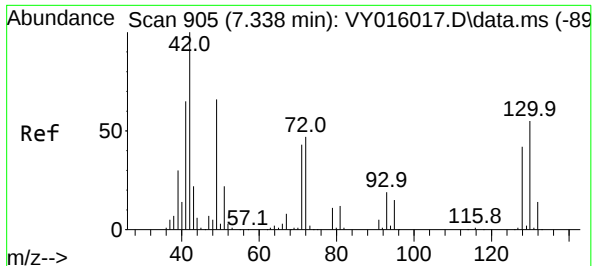
Reviewed By :John Carlone 10/19/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#27
cis-1,2-Dichloroethene
Concen: 150.524 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY016019.D
Acq: 18 Oct 2023 13:25

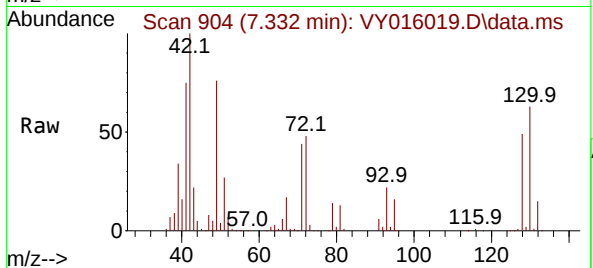
Tgt Ion: 96 Resp: 450214
Ion Ratio Lower Upper
96 100
61 138.2 0.0 301.4
98 64.7 0.0 130.4





#28
Bromochloromethane
Concen: 152.907 ug/l
RT: 7.332 min Scan# 904
Delta R.T. -0.006 min
Lab File: VY016019.D
Acq: 18 Oct 2023 13:25

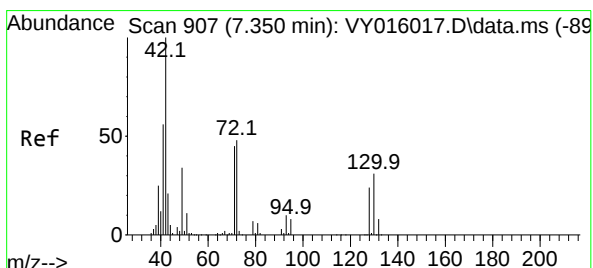
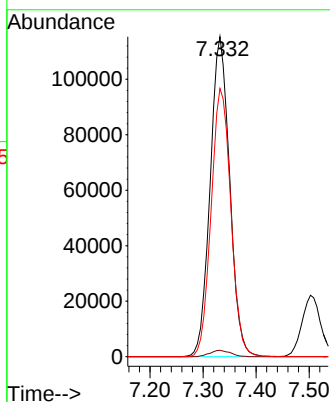
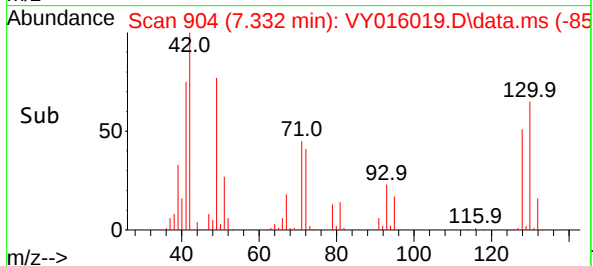
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150



Tgt Ion: 49 Resp: 294589
Ion Ratio Lower Upper
49 100
129 2.1 0.0 4.6
130 84.6 60.7 91.1

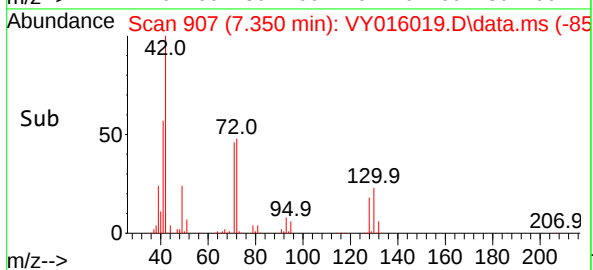
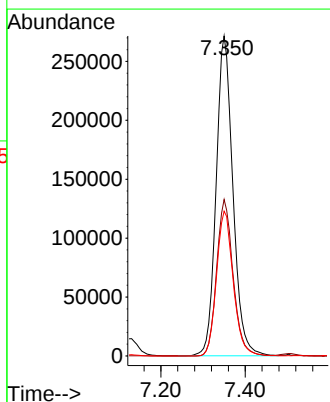
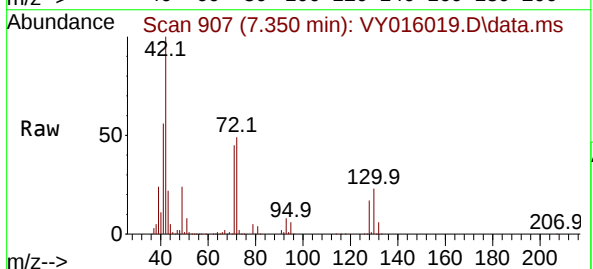
Manual Integrations
APPROVED

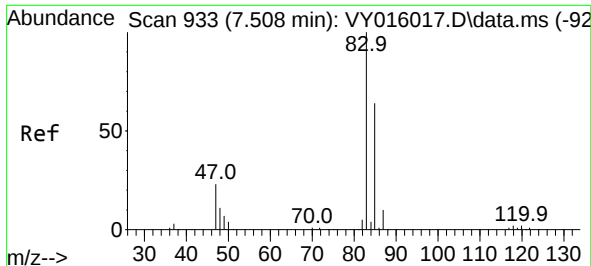
Reviewed By :John Carlone 10/19/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#29
Tetrahydrofuran
Concen: 921.509 ug/l
RT: 7.350 min Scan# 907
Delta R.T. 0.000 min
Lab File: VY016019.D
Acq: 18 Oct 2023 13:25

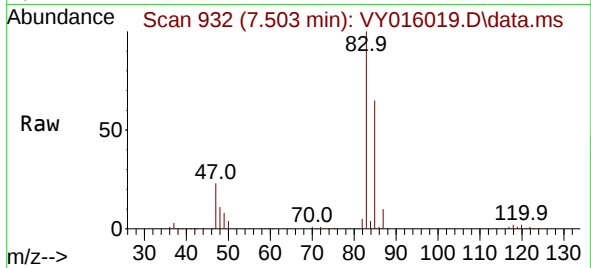
Tgt Ion: 42 Resp: 748299
Ion Ratio Lower Upper
42 100
72 48.0 32.8 49.2
71 45.1 31.0 46.4





#30
Chloroform
Concen: 148.849 ug/l
RT: 7.503 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY016019.D
Acq: 18 Oct 2023 13:25

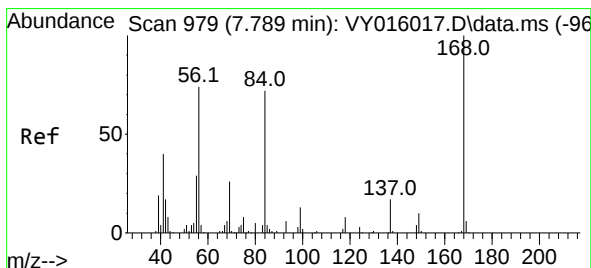
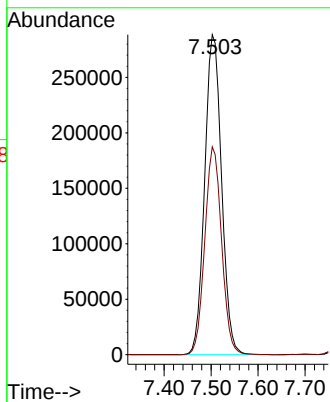
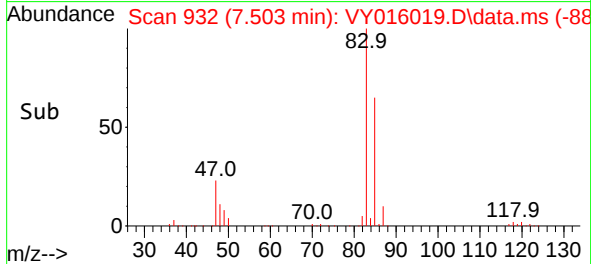
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150



Tgt Ion: 83 Resp: 718954
Ion Ratio Lower Upper
83 100
85 65.0 49.7 74.5

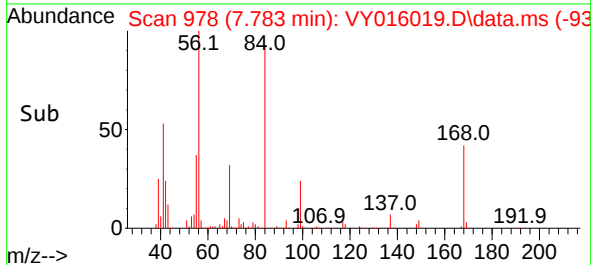
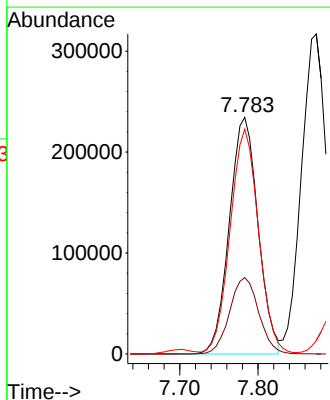
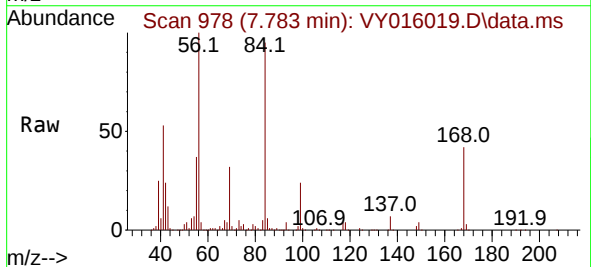
Manual Integrations
APPROVED

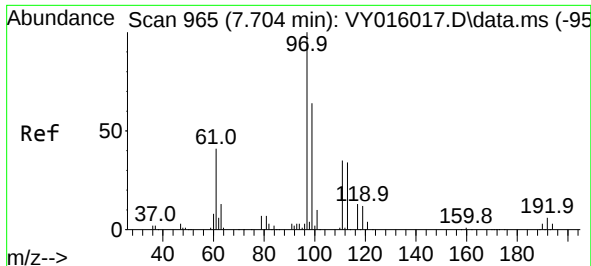
Reviewed By :John Carlone 10/19/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#31
Cyclohexane
Concen: 144.231 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.006 min
Lab File: VY016019.D
Acq: 18 Oct 2023 13:25

Tgt Ion: 56 Resp: 596468
Ion Ratio Lower Upper
56 100
69 32.3 27.8 41.6
84 93.2 66.4 99.6





#32

1,1,1-Trichloroethane

Concen: 150.630 ug/l

RT: 7.698 min Scan# 964

Delta R.T. -0.006 min

Lab File: VY016019.D

Acq: 18 Oct 2023 13:25

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

Tgt Ion: 97 Resp: 65097

Ion Ratio Lower Upper

97 100

99 64.0 50.8 76.2

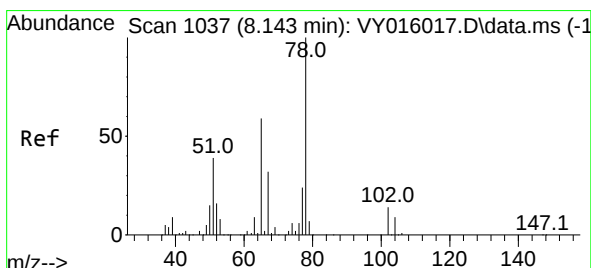
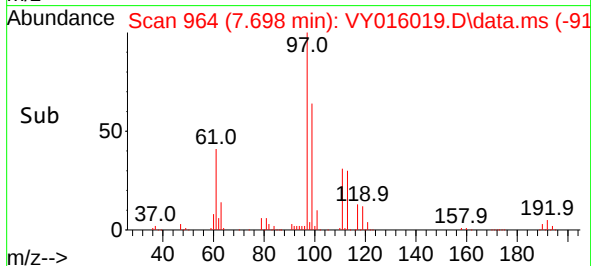
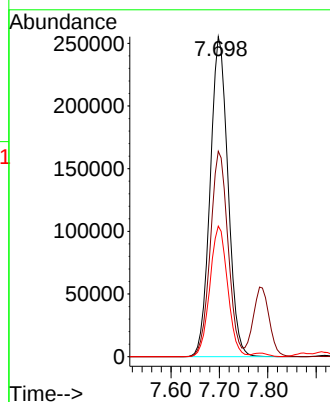
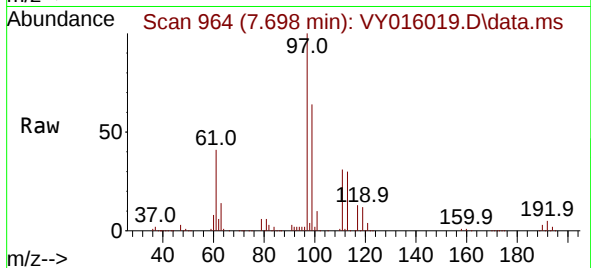
61 40.9 35.1 52.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/19/2023

Supervised By :Semsettin Yesilyurt 10/20/2023



#33

1,2-Dichloroethane-d4

Concen: 143.815 ug/l

RT: 8.143 min Scan# 1037

Delta R.T. 0.000 min

Lab File: VY016019.D

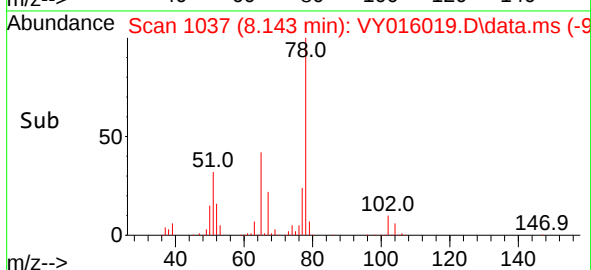
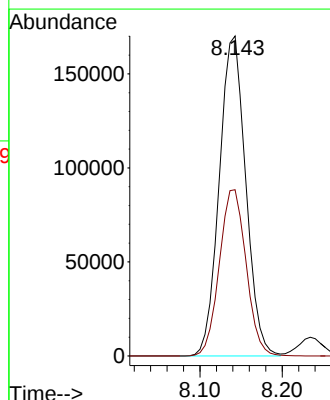
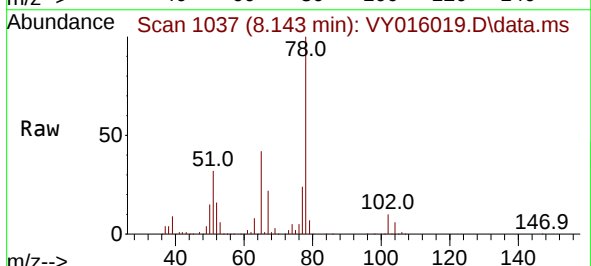
Acq: 18 Oct 2023 13:25

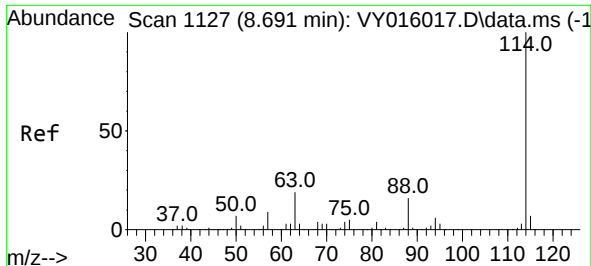
Tgt Ion: 65 Resp: 379984

Ion Ratio Lower Upper

65 100

67 52.6 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY016019.D

Acq: 18 Oct 2023 13:25

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC150

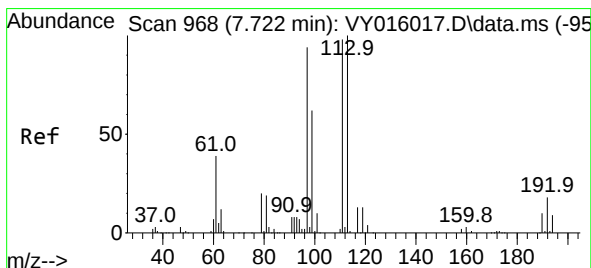
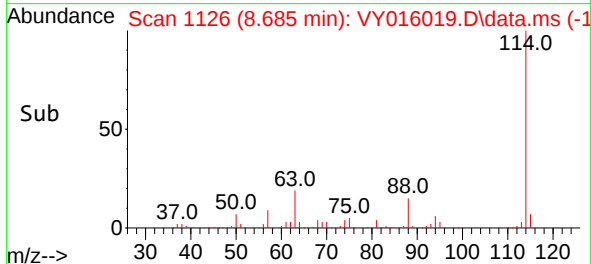
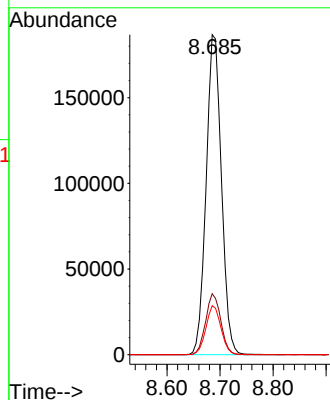
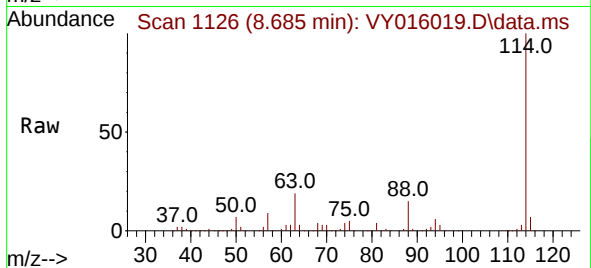
Tgt Ion:114 Resp: 37350
Ion Ratio Lower Upper
114 100
63 19.0 0.0 42.4
88 15.3 0.0 30.6

Manual Integrations

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Reviewed By :John Carlone 10/19/2023

Supervised By :Semsettin Yesilyurt 10/20/2023



#35

Dibromofluoromethane

Concen: 142.670 ug/l

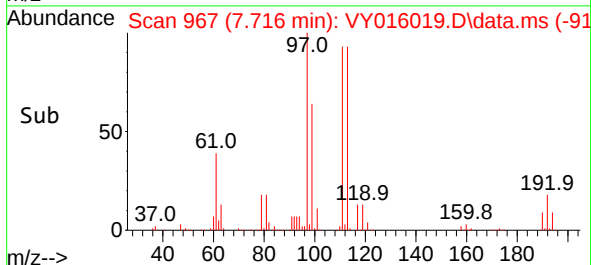
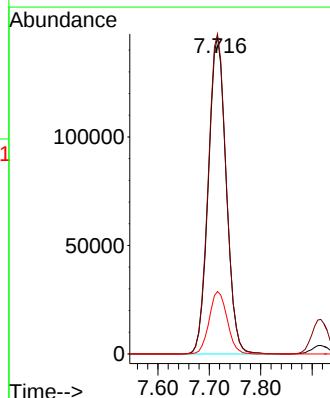
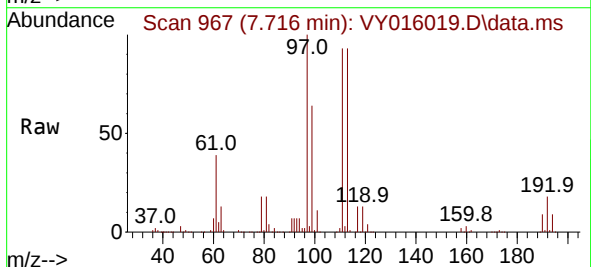
RT: 7.716 min Scan# 967

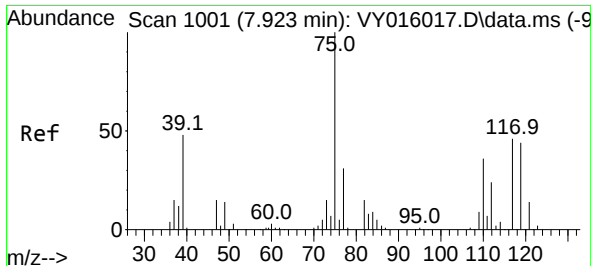
Delta R.T. -0.006 min

Lab File: VY016019.D

Acq: 18 Oct 2023 13:25

Tgt Ion:113 Resp: 350747
Ion Ratio Lower Upper
113 100
111 102.1 81.3 121.9
192 19.9 16.9 25.3





#36

1,1-Dichloropropene

Concen: 149.196 ug/l

RT: 7.917 min Scan# 1000

Delta R.T. -0.006 min

Lab File: VY016019.D

Acq: 18 Oct 2023 13:25

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

Tgt Ion: 75 Resp: 551834

Ion Ratio Lower Upper

75 100

110 36.6 17.8 53.5

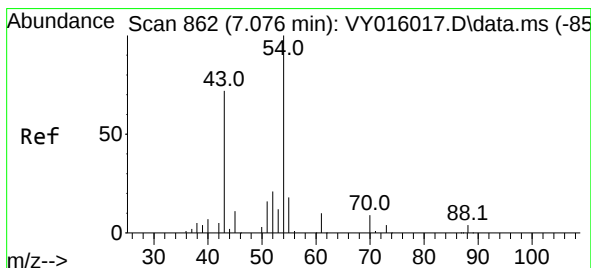
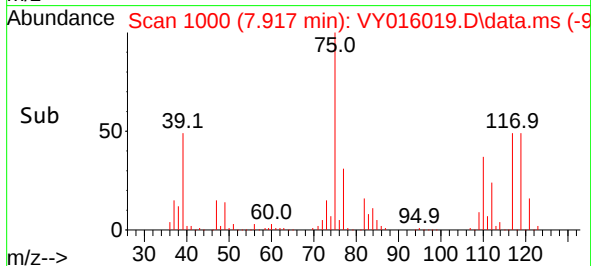
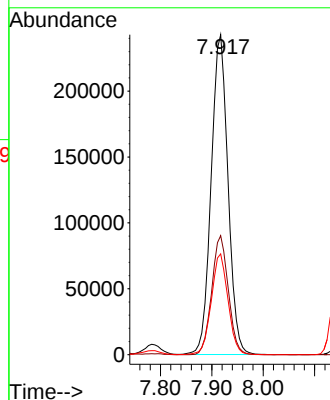
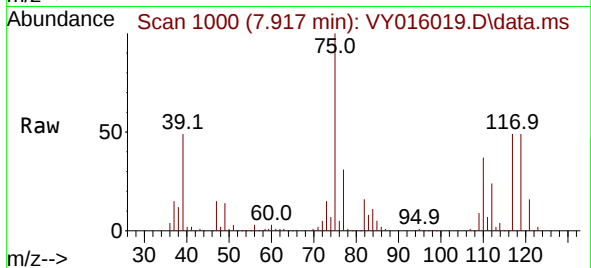
77 31.3 24.4 36.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/19/2023

Supervised By :Semsettin Yesilyurt 10/20/2023



#37

Ethyl Acetate

Concen: 183.846 ug/l

RT: 7.076 min Scan# 862

Delta R.T. 0.000 min

Lab File: VY016019.D

Acq: 18 Oct 2023 13:25

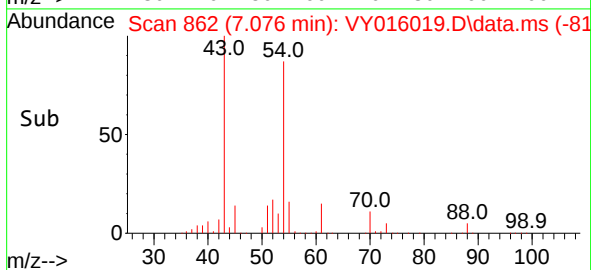
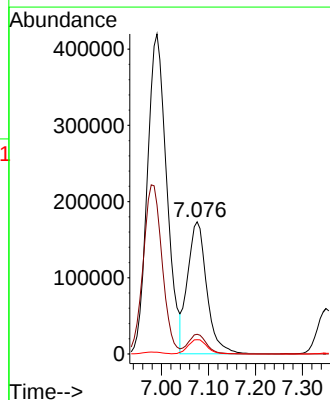
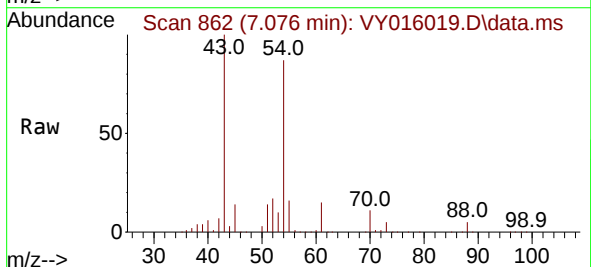
Tgt Ion: 43 Resp: 490158

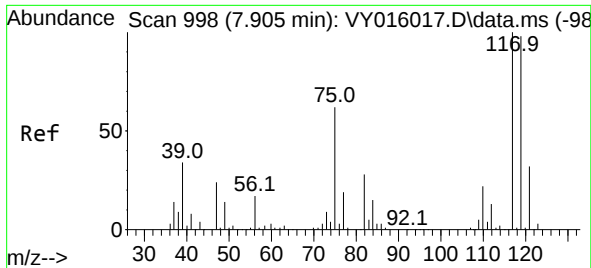
Ion Ratio Lower Upper

43 100

61 14.5 10.1 15.1

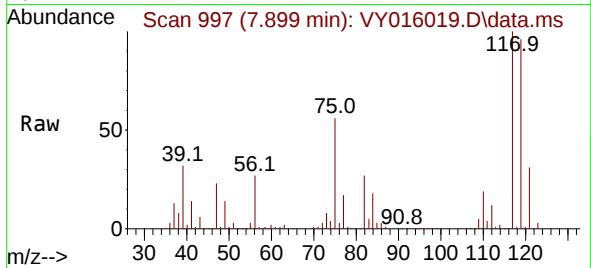
70 10.8 7.1 10.7#





#38
Carbon Tetrachloride
Concen: 150.551 ug/l
RT: 7.899 min Scan# 998
Delta R.T. -0.006 min
Lab File: VY016019.D
Acq: 18 Oct 2023 13:25

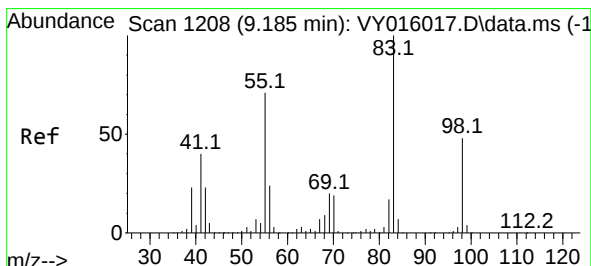
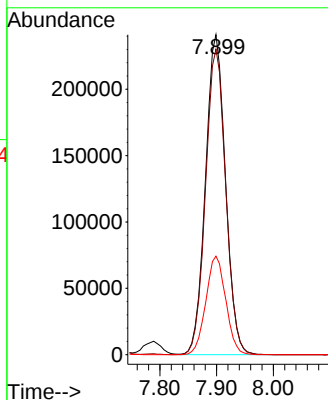
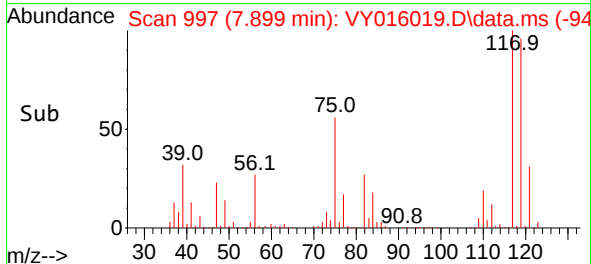
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150



Tgt Ion:117 Resp: 59184
Ion Ratio Lower Upper
117 100
119 95.5 76.4 114.6
121 30.8 25.8 38.6

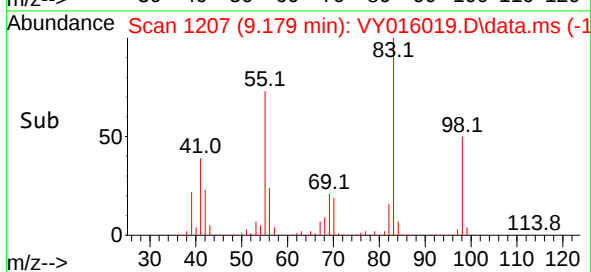
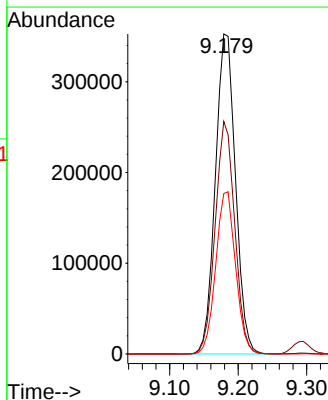
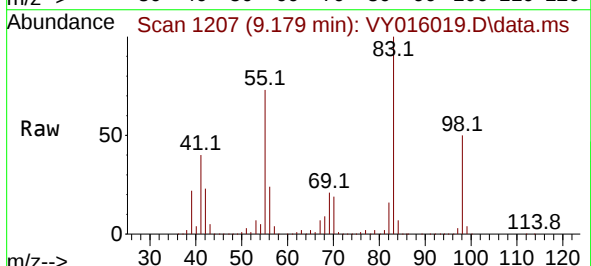
Manual Integrations
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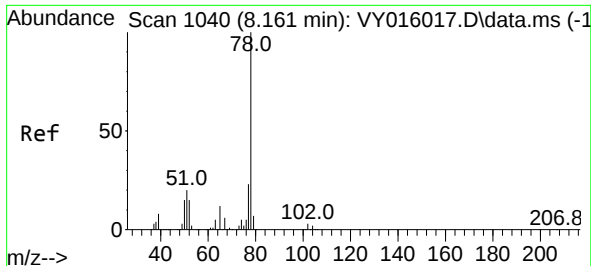
Reviewed By :John Carlone 10/19/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#39
Methylcyclohexane
Concen: 155.125 ug/l
RT: 9.179 min Scan# 1207
Delta R.T. -0.006 min
Lab File: VY016019.D
Acq: 18 Oct 2023 13:25

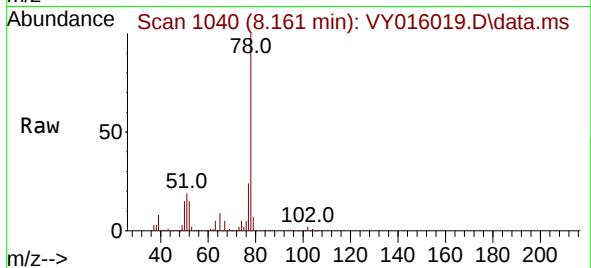
Tgt Ion: 83 Resp: 717046
Ion Ratio Lower Upper
83 100
55 72.6 63.0 94.4
98 50.1 37.4 56.2





#40
Benzene
Concen: 149.325 ug/l
RT: 8.161 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY016019.D
Acq: 18 Oct 2023 13:25

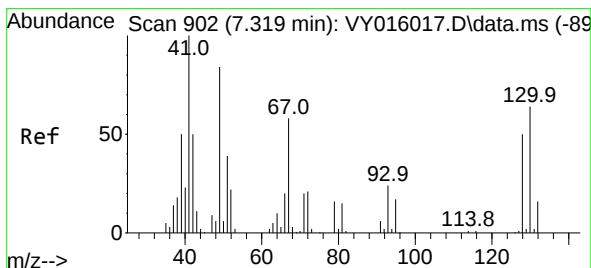
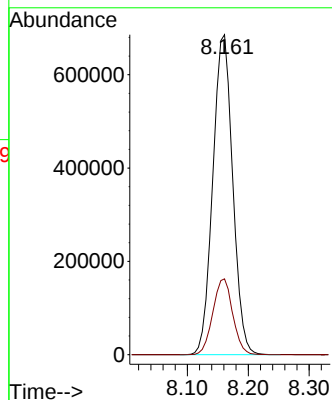
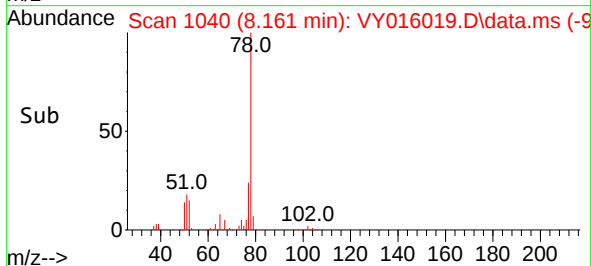
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150



Tgt Ion: 78 Resp: 155664
Ion Ratio Lower Upper
78 100
77 23.7 19.0 28.6

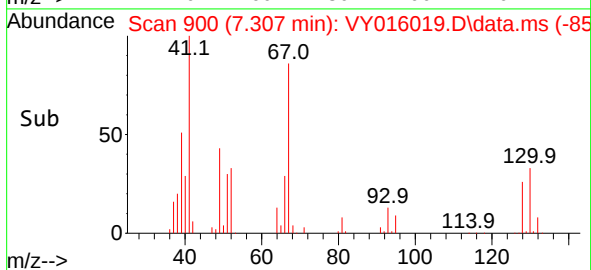
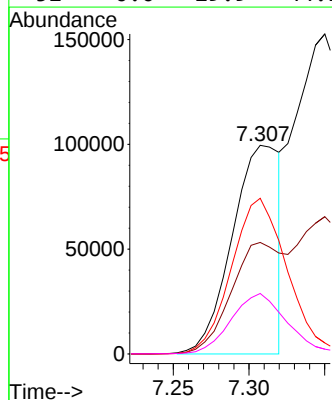
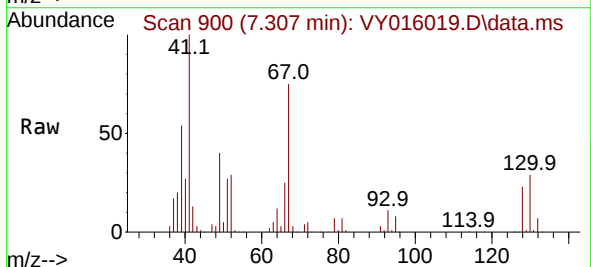
Manual Integrations
APPROVED

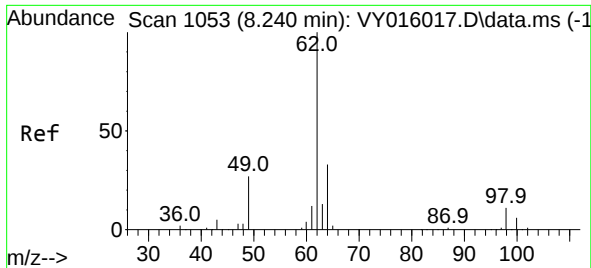
Reviewed By :John Carlone 10/19/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#41
Methacrylonitrile
Concen: 162.243 ug/l m
RT: 7.307 min Scan# 900
Delta R.T. -0.012 min
Lab File: VY016019.D
Acq: 18 Oct 2023 13:25

Tgt Ion: 41 Resp: 217794
Ion Ratio Lower Upper
41 100
39 77.4 52.1 78.1
67 0.0 66.2 99.2#
52 0.0 29.9 44.9#





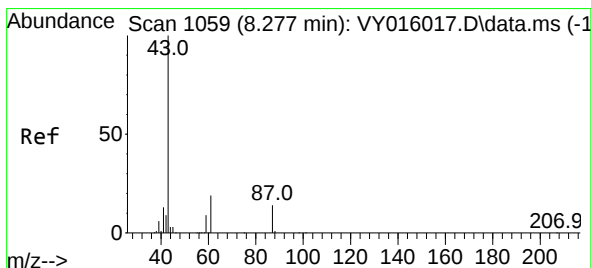
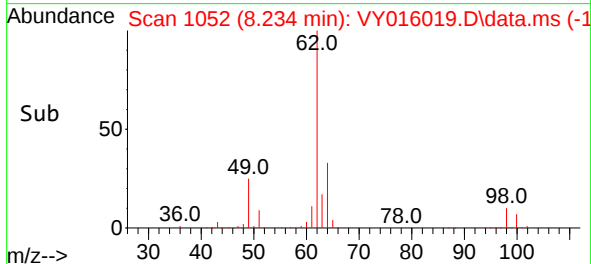
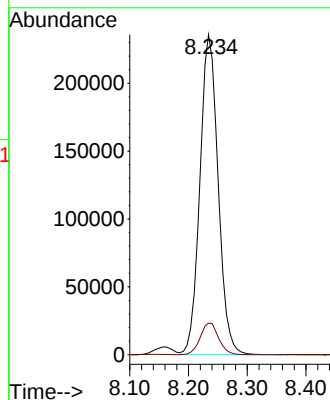
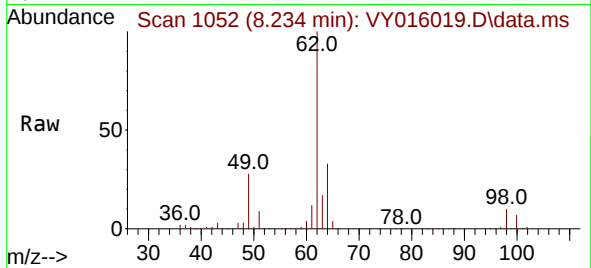
#42
1,2-Dichloroethane
Concen: 151.011 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. -0.006 min
Lab File: VY016019.D
Acq: 18 Oct 2023 13:25

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tgt Ion: 62 Resp: 507088
Ion Ratio Lower Upper
62 100
98 10.0 0.0 15.8

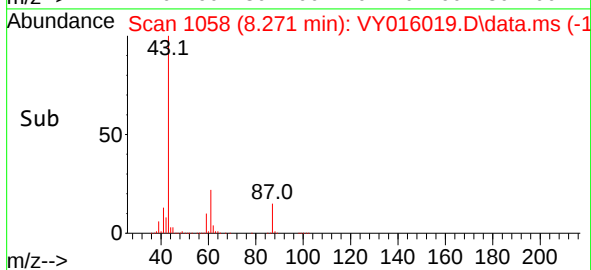
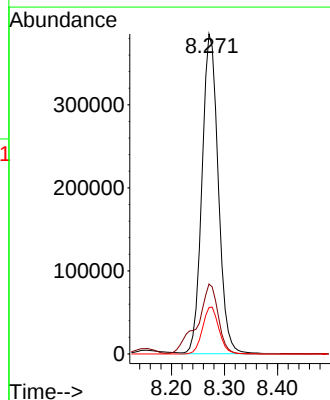
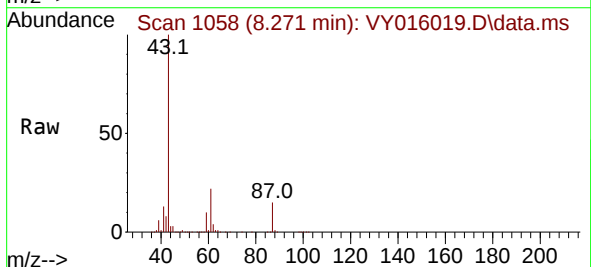
Manual Integrations
APPROVED

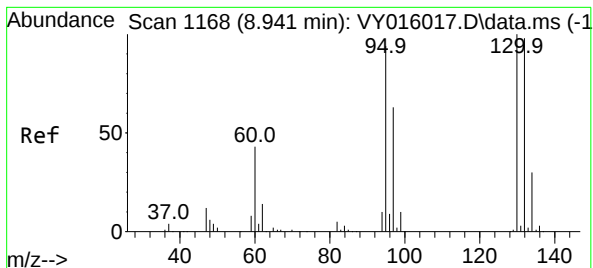
Reviewed By :John Carlone 10/19/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#43
Isopropyl Acetate
Concen: 175.989 ug/l
RT: 8.271 min Scan# 1058
Delta R.T. -0.006 min
Lab File: VY016019.D
Acq: 18 Oct 2023 13:25

Tgt Ion: 43 Resp: 820344
Ion Ratio Lower Upper
43 100
61 28.1 21.1 31.7
87 14.8 9.8 14.8#





#44

Trichloroethene

Concen: 151.869 ug/l

RT: 8.941 min Scan# 1168

Delta R.T. 0.000 min

Lab File: VY016019.D

Acq: 18 Oct 2023 13:25

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

Tgt Ion:130 Resp: 443890

Ion Ratio Lower Upper

130 100

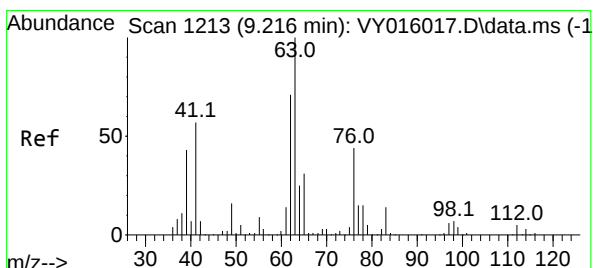
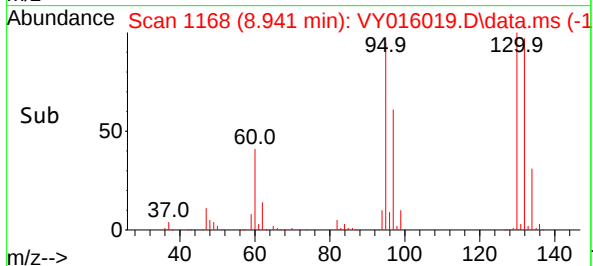
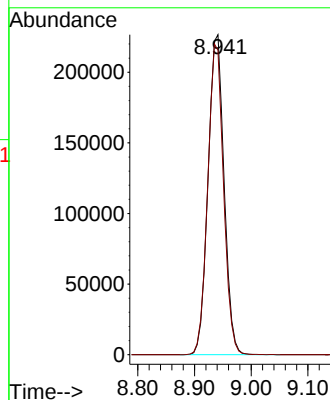
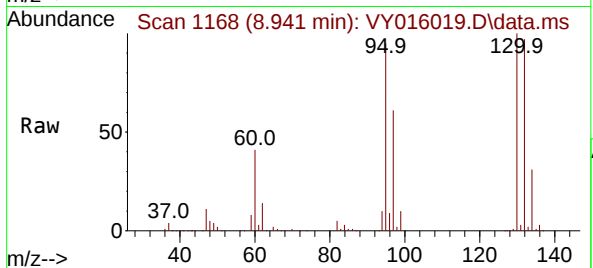
95 95.1 0.0 196.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/19/2023

Supervised By :Semsettin Yesilyurt 10/20/2023



#45

1,2-Dichloropropane

Concen: 151.508 ug/l

RT: 9.216 min Scan# 1213

Delta R.T. 0.000 min

Lab File: VY016019.D

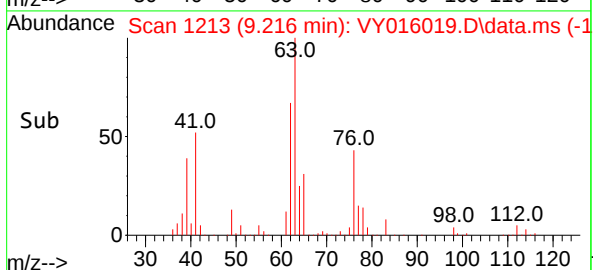
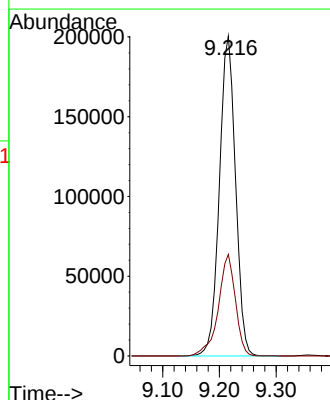
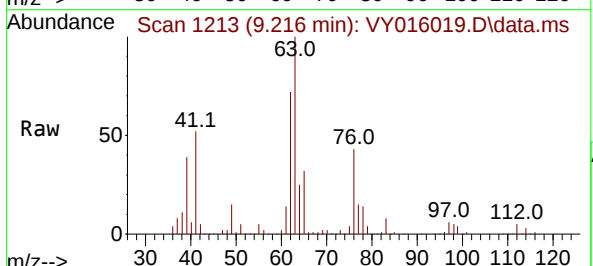
Acq: 18 Oct 2023 13:25

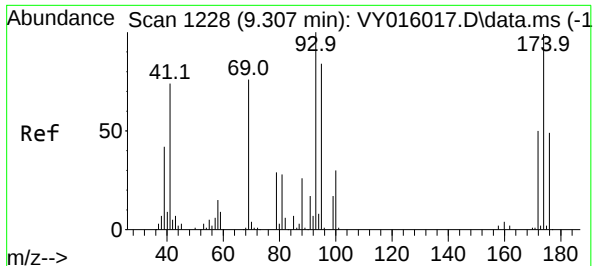
Tgt Ion: 63 Resp: 395264

Ion Ratio Lower Upper

63 100

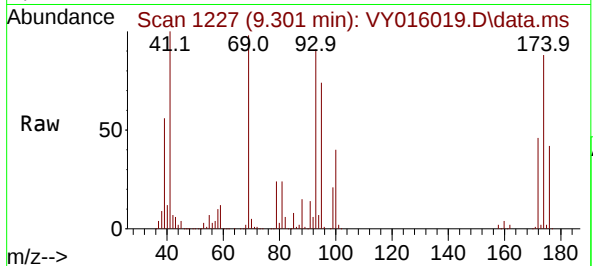
65 31.8 23.8 35.6





#46
Dibromomethane
Concen: 157.207 ug/l
RT: 9.301 min Scan# 1227
Delta R.T. -0.006 min
Lab File: VY016019.D
Acq: 18 Oct 2023 13:25

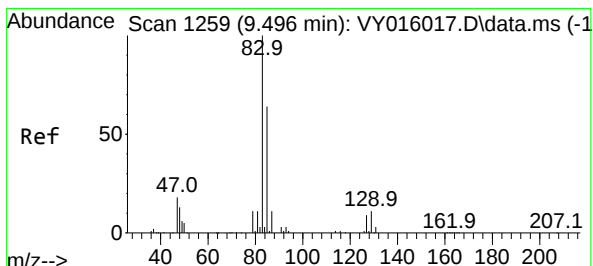
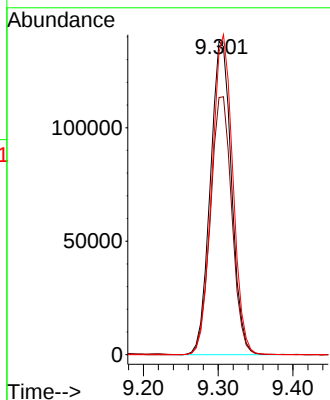
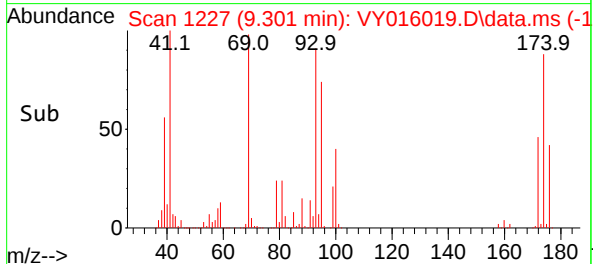
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150



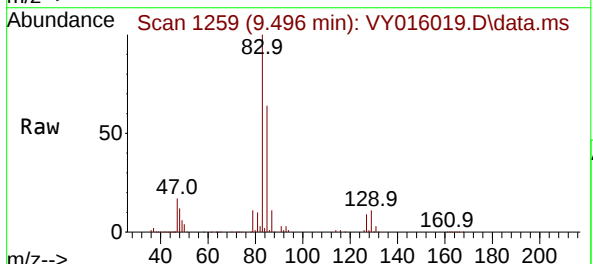
Tgt Ion: 93 Resp: 272280
Ion Ratio Lower Upper
93 100
95 83.0 66.6 100.0
174 100.9 84.8 127.2

Manual Integrations
APPROVED

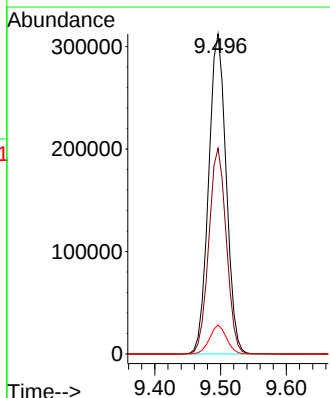
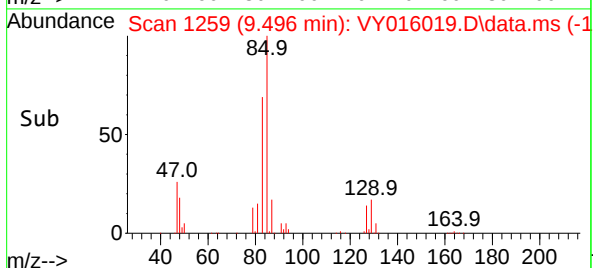
Reviewed By :John Carlone 10/19/2023
Supervised By :Semsettin Yesilyurt 10/20/2023

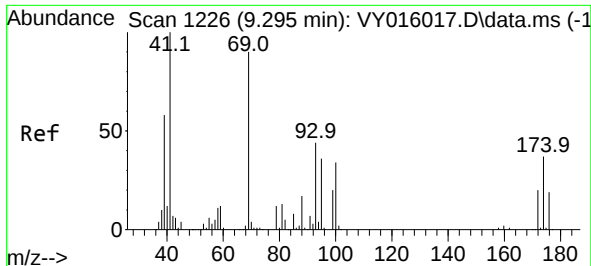


#47
Bromodichloromethane
Concen: 152.830 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VY016019.D
Acq: 18 Oct 2023 13:25



Tgt Ion: 83 Resp: 580148
Ion Ratio Lower Upper
83 100
85 64.3 50.1 75.1
127 9.0 7.1 10.7





#48
Methyl methacrylate
Concen: 177.267 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. -0.006 min
Lab File: VY016019.D
Acq: 18 Oct 2023 13:25

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC150

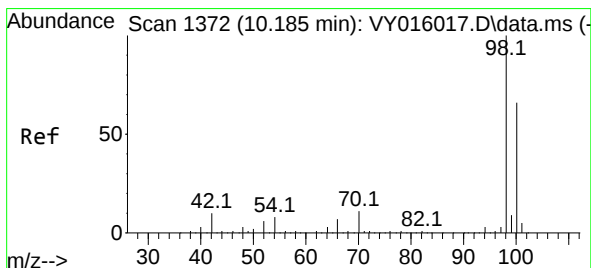
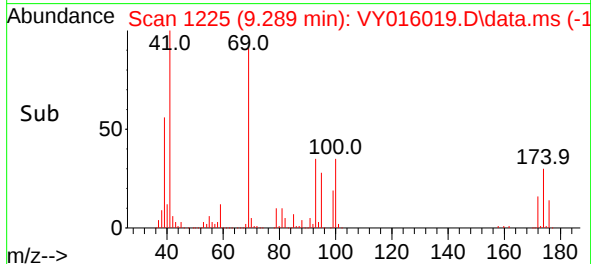
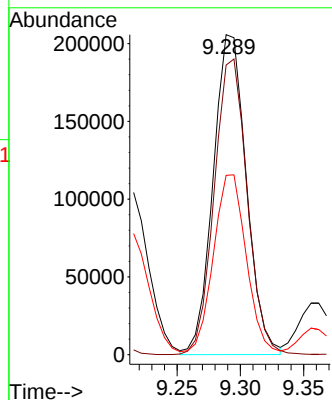
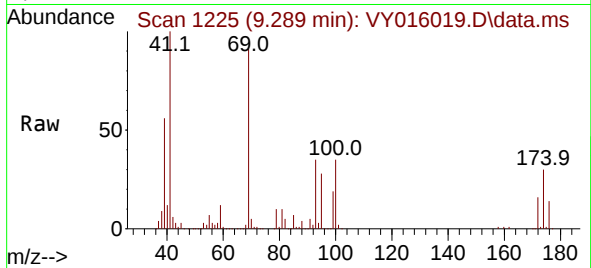
Tgt Ion: 41 Resp: 37612
Ion Ratio Lower Upper
41 100
69 91.6 64.5 96.7
39 54.0 50.8 76.2

Manual Integrations

APPROVED

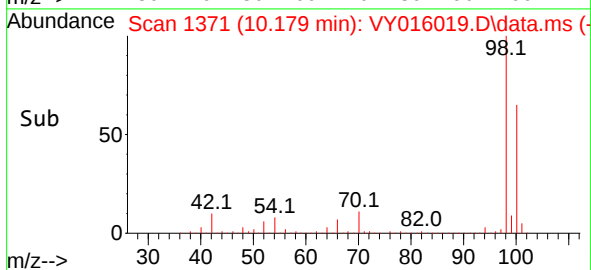
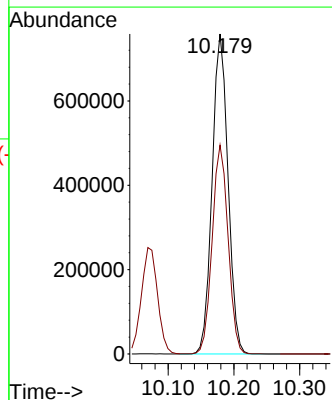
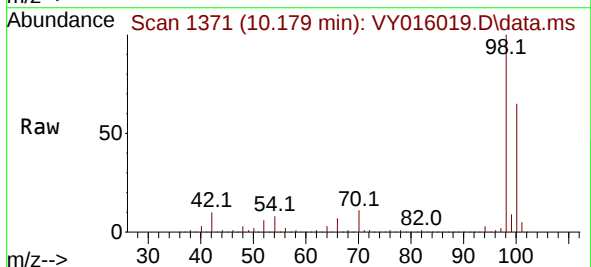
Reviewed By :John Carlone 10/19/2023

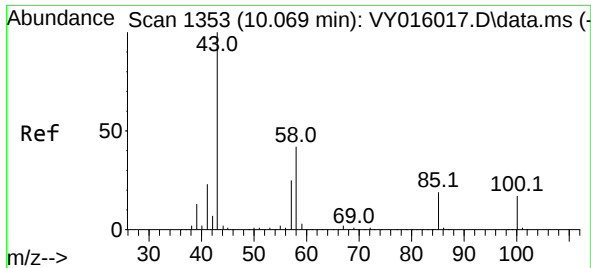
Supervised By :Semsettin Yesilyurt 10/20/2023



#50
Toluene-d8
Concen: 142.551 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.006 min
Lab File: VY016019.D
Acq: 18 Oct 2023 13:25

Tgt Ion: 98 Resp: 1272798
Ion Ratio Lower Upper
98 100
100 65.5 50.1 75.1





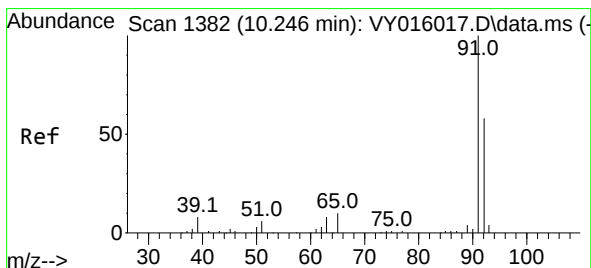
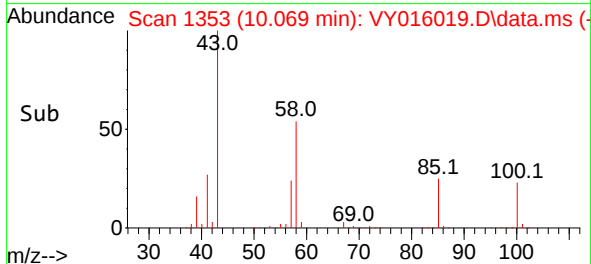
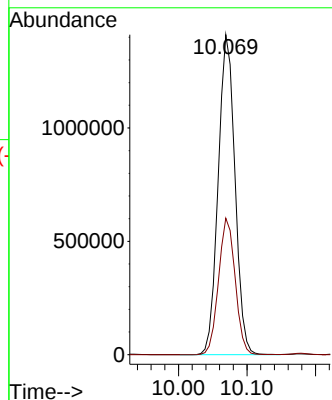
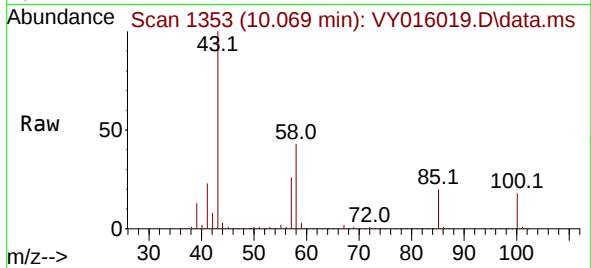
#51
4-Methyl-2-Pentanone
Concen: 891.783 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. 0.000 min
Lab File: VY016019.D
Acq: 18 Oct 2023 13:25

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Tgt Ion: 43 Resp: 2390462
Ion Ratio Lower Upper
43 100
58 42.3 29.0 43.6

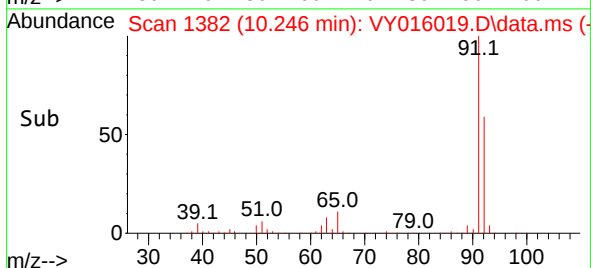
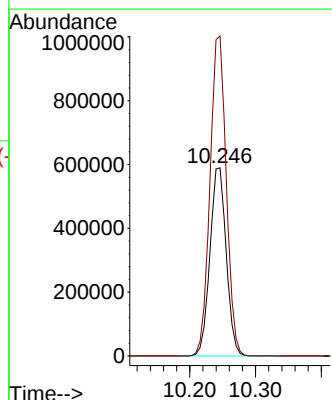
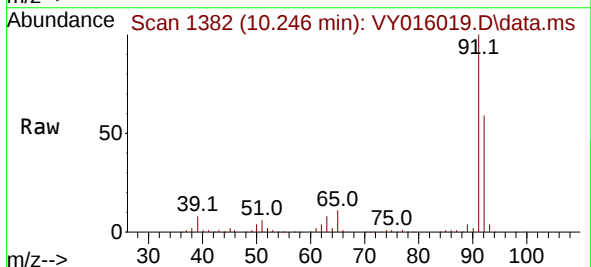
Manual Integrations
APPROVED

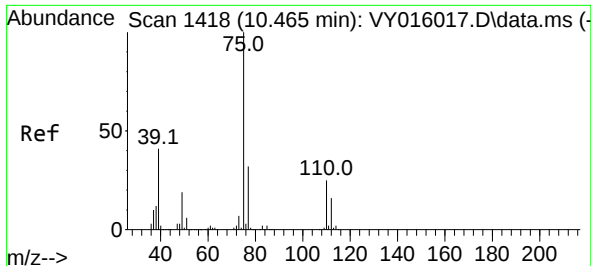
Reviewed By :John Carlone 10/19/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#52
Toluene
Concen: 149.837 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. 0.000 min
Lab File: VY016019.D
Acq: 18 Oct 2023 13:25

Tgt Ion: 92 Resp: 1013124
Ion Ratio Lower Upper
92 100
91 170.4 143.8 215.6





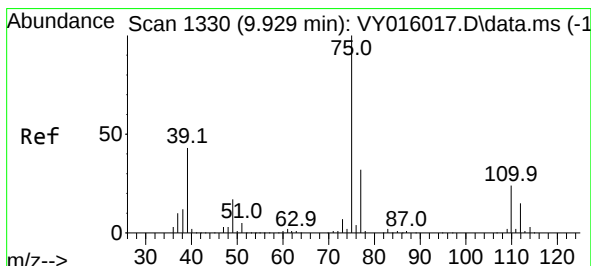
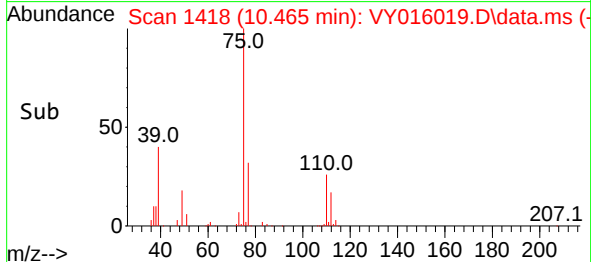
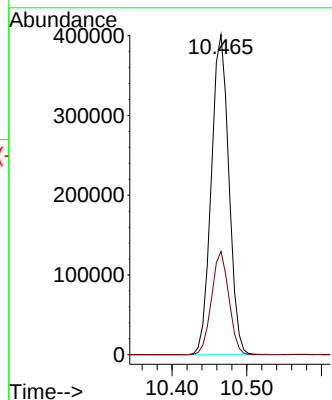
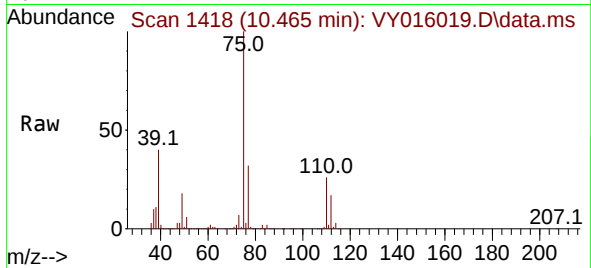
#53
t-1,3-Dichloropropene
Concen: 159.384 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VY016019.D
Acq: 18 Oct 2023 13:25

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tgt Ion: 75 Resp: 65541
Ion Ratio Lower Upper
75 100
77 32.3 25.0 37.4

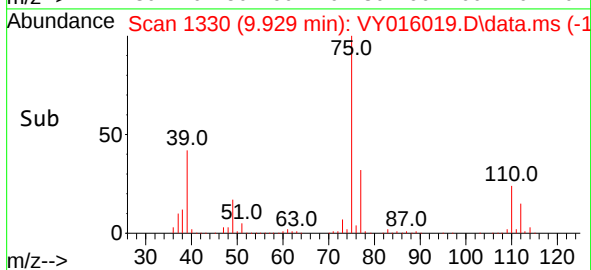
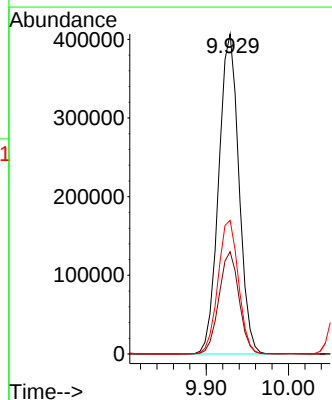
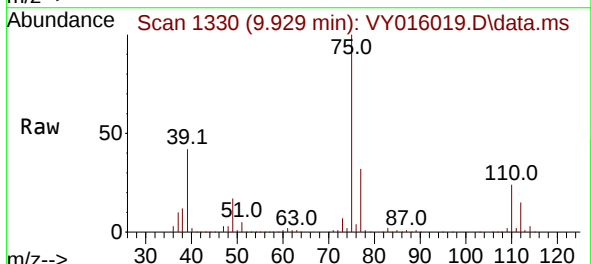
Manual Integrations
APPROVED

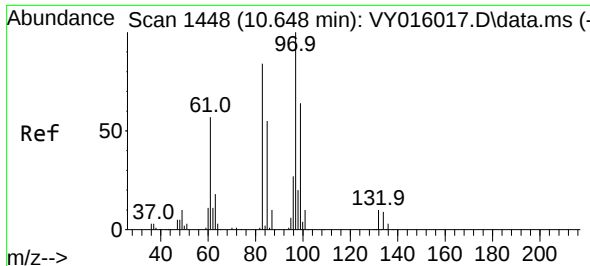
Reviewed By :John Carlone 10/19/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#54
cis-1,3-Dichloropropene
Concen: 154.861 ug/l
RT: 9.929 min Scan# 1330
Delta R.T. 0.000 min
Lab File: VY016019.D
Acq: 18 Oct 2023 13:25

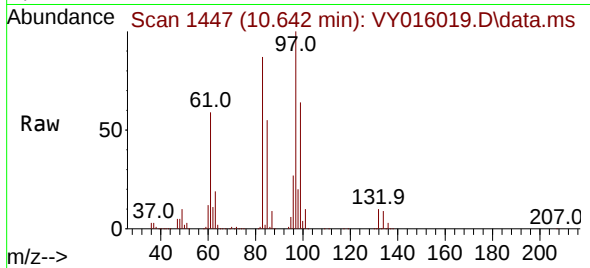
Tgt Ion: 75 Resp: 694168
Ion Ratio Lower Upper
75 100
77 31.9 24.2 36.4
39 41.7 42.2 63.4#





#55
1,1,2-Trichloroethane
Concen: 155.710 ug/l
RT: 10.642 min Scan# 1448
Delta R.T. -0.006 min
Lab File: VY016019.D
Acq: 18 Oct 2023 13:25

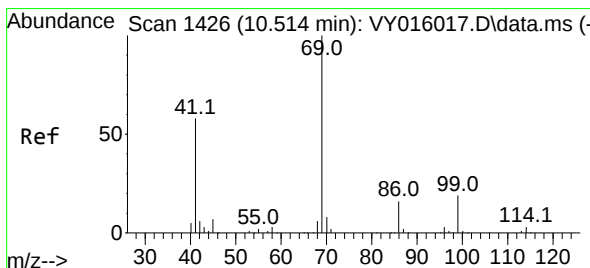
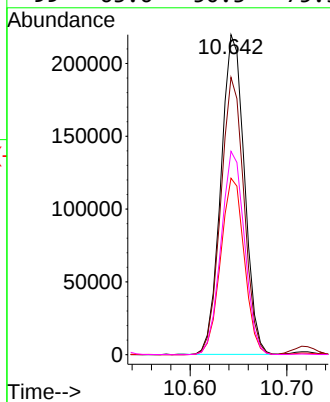
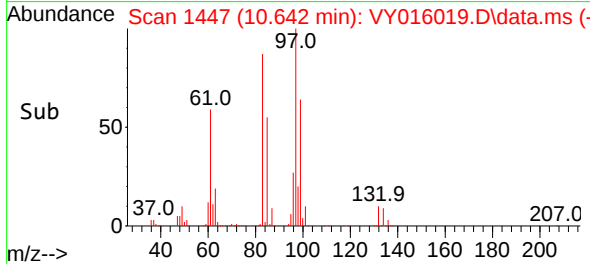
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150



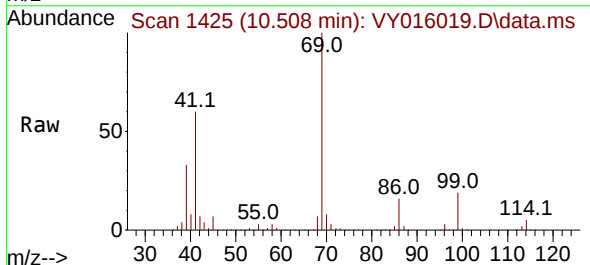
Tgt Ion: 97 Resp: 370509
Ion Ratio Lower Upper
97 100
83 86.7 72.0 108.0
85 55.2 45.4 68.0
99 63.6 50.3 75.5

Manual Integrations
APPROVED

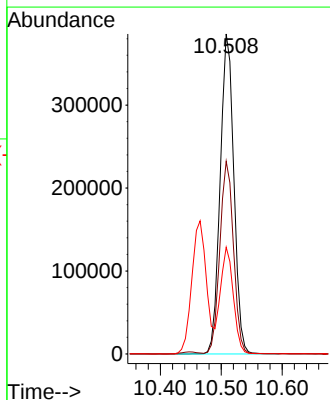
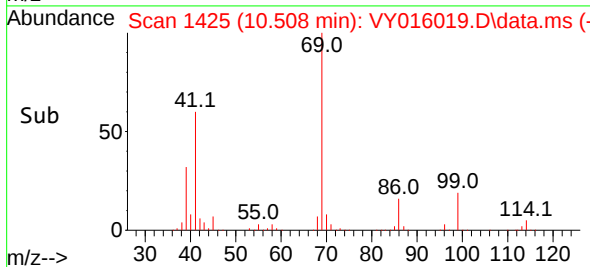
Reviewed By :John Carlone 10/19/2023
Supervised By :Semsettin Yesilyurt 10/20/2023

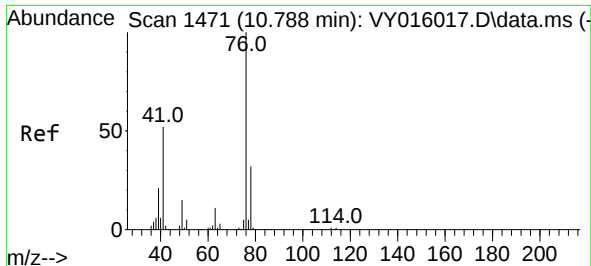


#56
Ethyl methacrylate
Concen: 172.591 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. -0.006 min
Lab File: VY016019.D
Acq: 18 Oct 2023 13:25



Tgt Ion: 69 Resp: 600168
Ion Ratio Lower Upper
69 100
41 60.0 57.6 86.4
39 30.9 34.1 51.1





#57

1,3-Dichloropropane

Concen: 156.654 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VY016019.D

Acq: 18 Oct 2023 13:25

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

Tgt Ion: 76 Resp: 632350

Ion Ratio Lower Upper

76 100

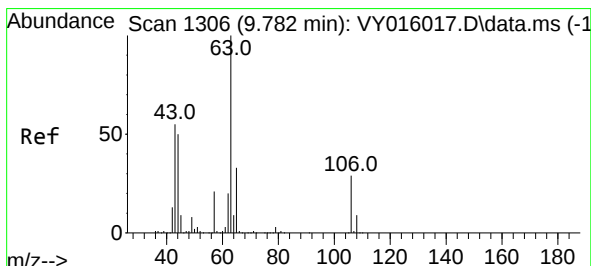
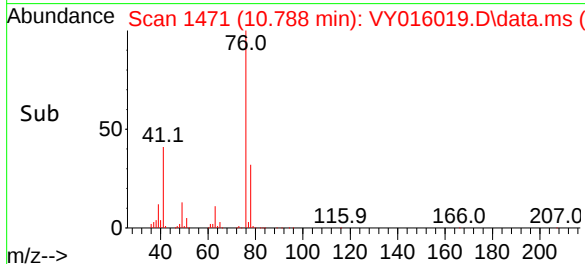
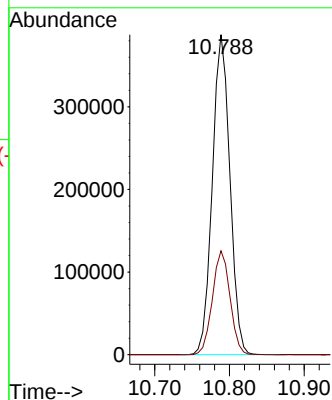
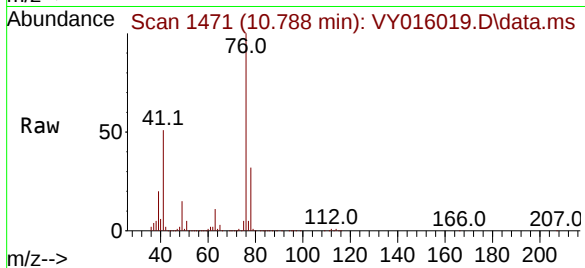
78 32.5 25.3 37.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/19/2023

Supervised By :Semsettin Yesilyurt 10/20/2023



#58

2-Chloroethyl Vinyl ether

Concen: 832.535 ug/l

RT: 9.783 min Scan# 1306

Delta R.T. 0.000 min

Lab File: VY016019.D

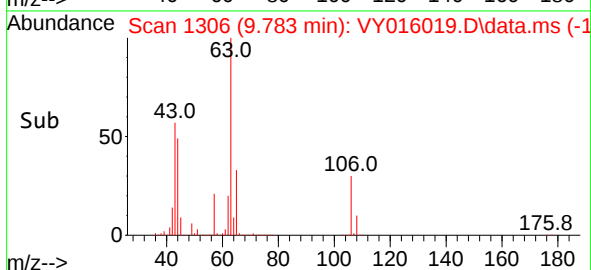
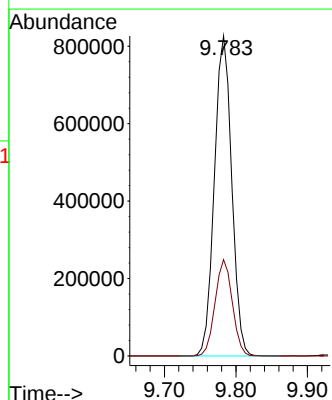
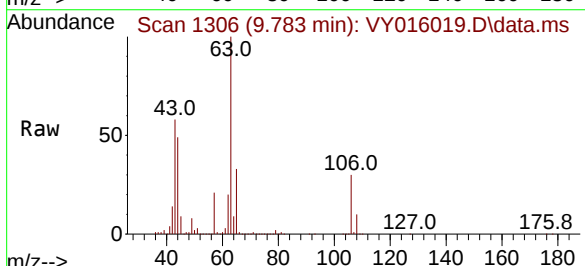
Acq: 18 Oct 2023 13:25

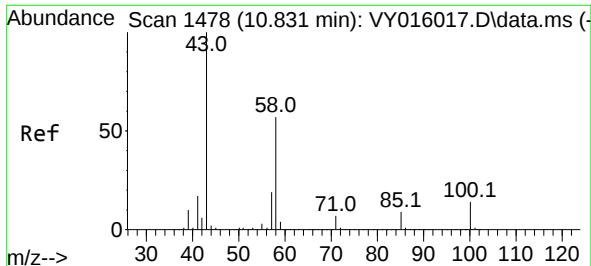
Tgt Ion: 63 Resp: 1390568

Ion Ratio Lower Upper

63 100

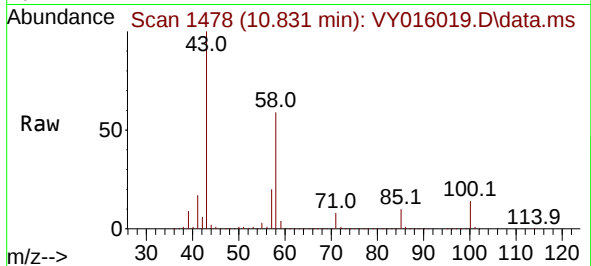
106 29.9 21.2 31.8





#59
2-Hexanone
Concen: 910.366 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY016019.D
Acq: 18 Oct 2023 13:25

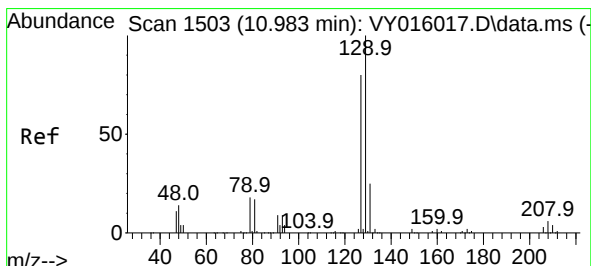
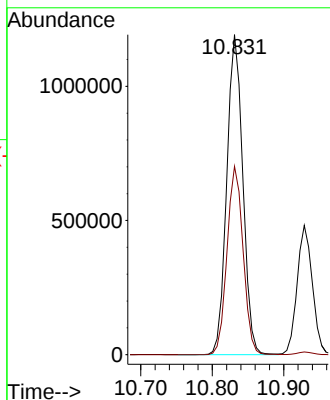
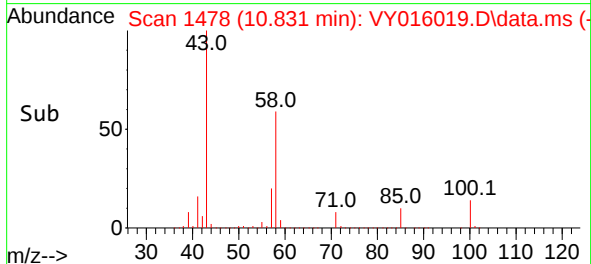
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150



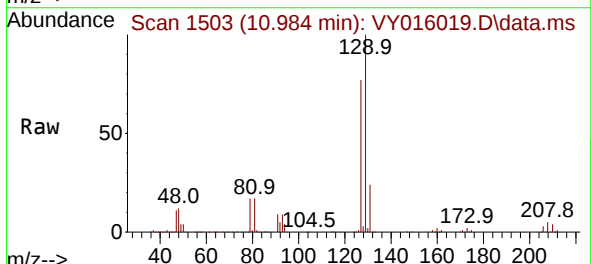
Tgt Ion: 43 Resp: 1856618
Ion Ratio Lower Upper
43 100
58 58.9 25.1 75.3

Manual Integrations
APPROVED

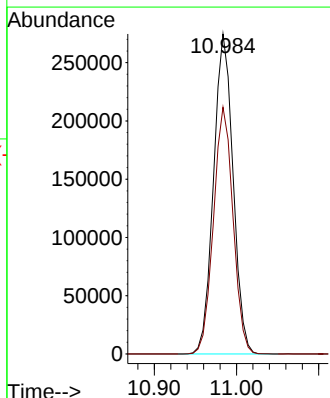
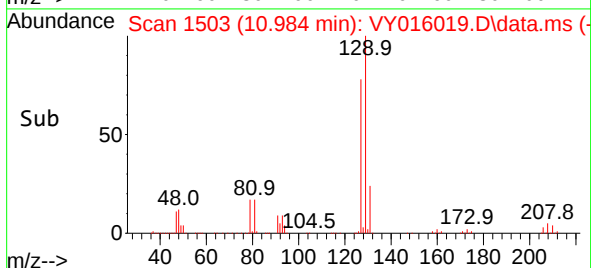
Reviewed By :John Carlone 10/19/2023
Supervised By :Semsettin Yesilyurt 10/20/2023

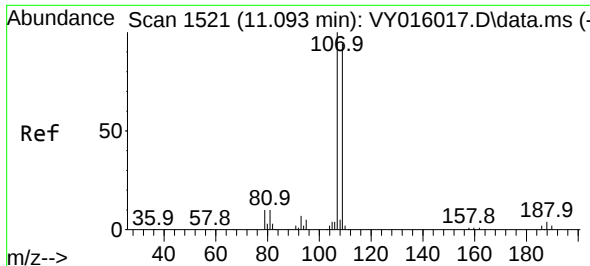


#60
Dibromochloromethane
Concen: 157.404 ug/l
RT: 10.984 min Scan# 1503
Delta R.T. 0.000 min
Lab File: VY016019.D
Acq: 18 Oct 2023 13:25



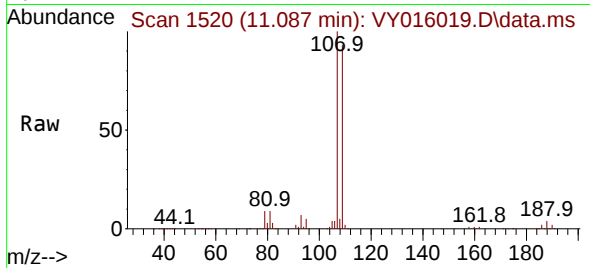
Tgt Ion:129 Resp: 452956
Ion Ratio Lower Upper
129 100
127 77.2 38.5 115.5





#61
1,2-Dibromoethane
Concen: 160.808 ug/l
RT: 11.087 min Scan# 1521
Delta R.T. -0.006 min
Lab File: VY016019.D
Acq: 18 Oct 2023 13:25

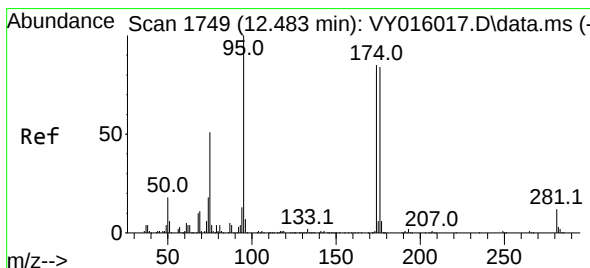
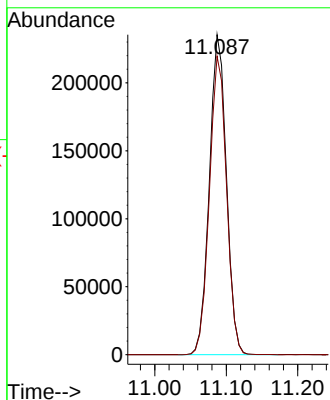
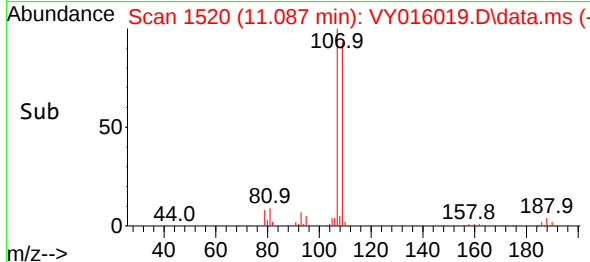
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150



Tgt Ion:107 Resp: 389400
Ion Ratio Lower Upper
107 100
109 93.9 75.6 113.4

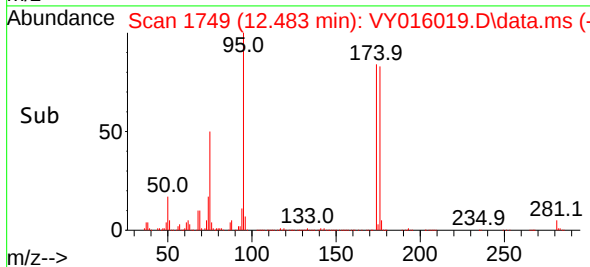
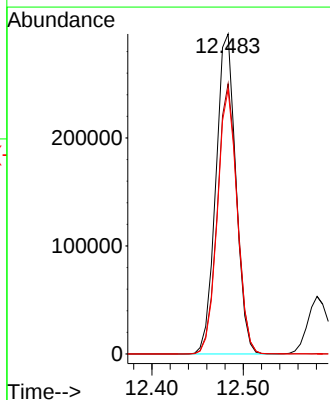
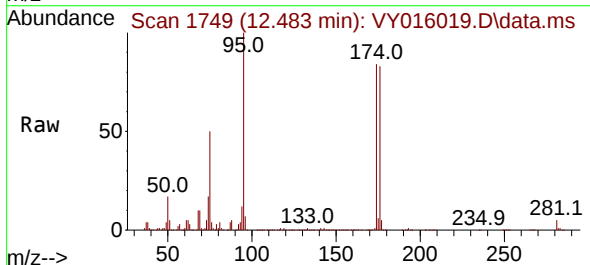
Manual Integrations
APPROVED

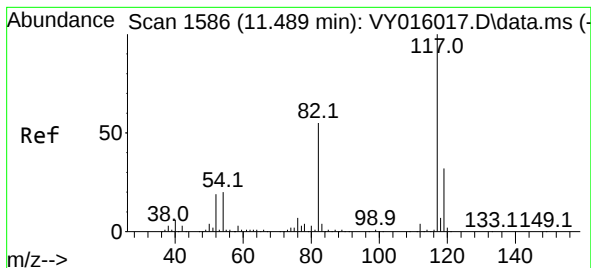
Reviewed By :John Carlone 10/19/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#62
4-Bromofluorobenzene
Concen: 141.354 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY016019.D
Acq: 18 Oct 2023 13:25

Tgt Ion: 95 Resp: 450336
Ion Ratio Lower Upper
95 100
174 83.8 0.0 178.2
176 81.5 0.0 173.8





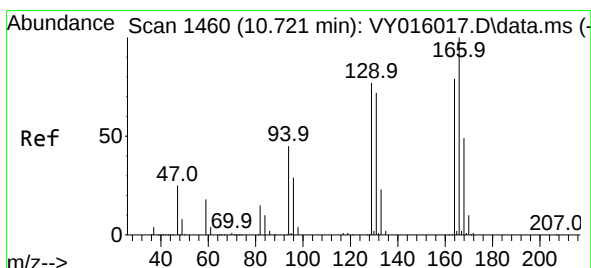
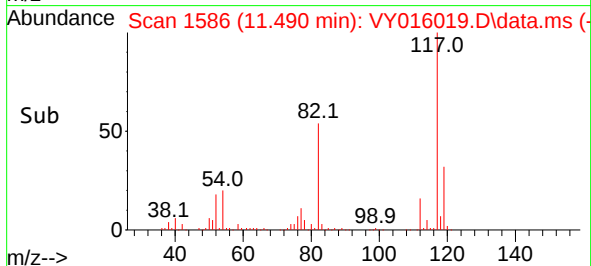
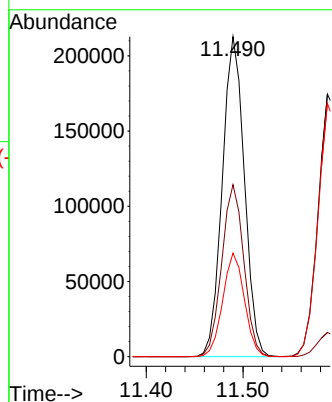
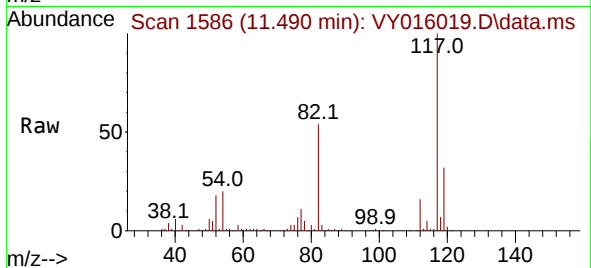
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY016019.D
Acq: 18 Oct 2023 13:25

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tgt Ion:117 Resp: 33730
Ion Ratio Lower Upper
117 100
82 53.8 43.4 65.0
119 32.4 26.3 39.5

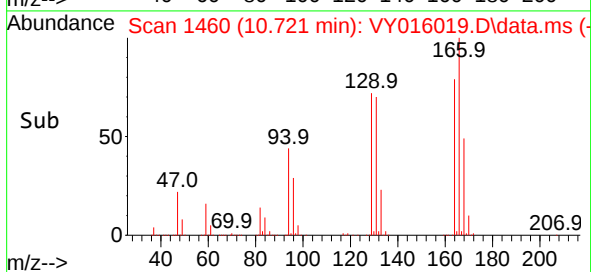
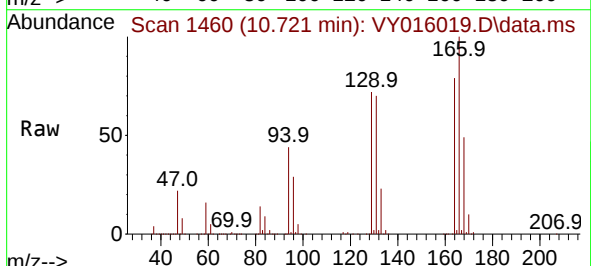
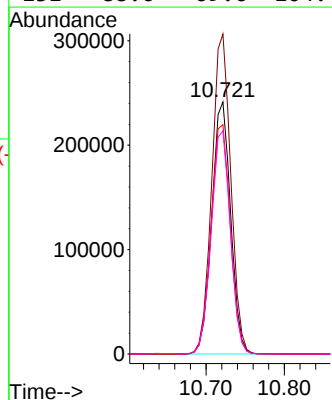
Manual Integrations
APPROVED

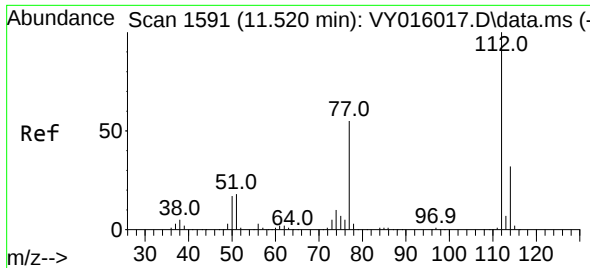
Reviewed By :John Carlone 10/19/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#64
Tetrachloroethene
Concen: 154.342 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. 0.000 min
Lab File: VY016019.D
Acq: 18 Oct 2023 13:25

Tgt Ion:164 Resp: 403689
Ion Ratio Lower Upper
164 100
166 127.0 103.0 154.6
129 91.0 77.2 115.8
131 88.6 69.6 104.4





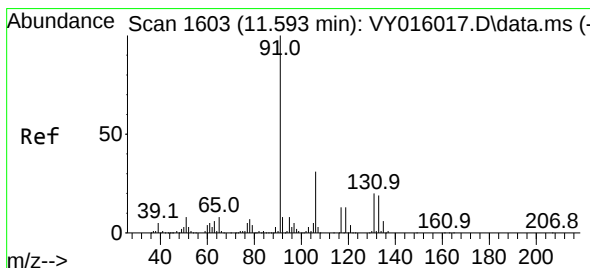
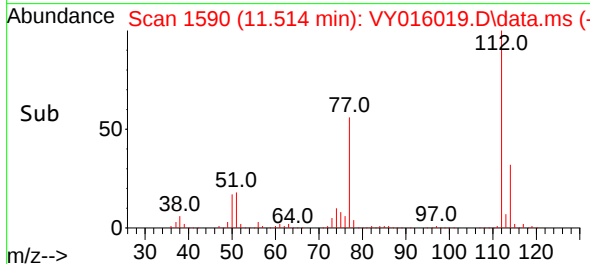
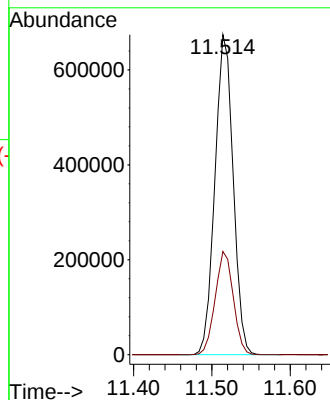
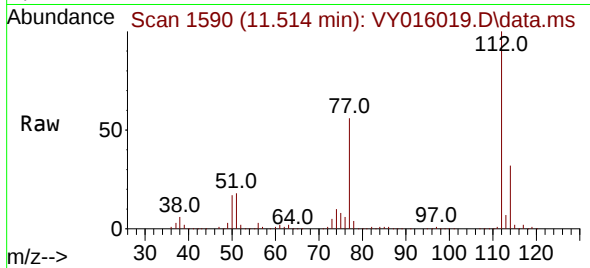
#65
Chlorobenzene
Concen: 149.254 ug/l
RT: 11.514 min Scan# 1150
Delta R.T. -0.006 min
Lab File: VY016019.D
Acq: 18 Oct 2023 13:25

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tgt Ion:112 Resp: 1090298
Ion Ratio Lower Upper
112 100
114 32.3 25.5 38.3

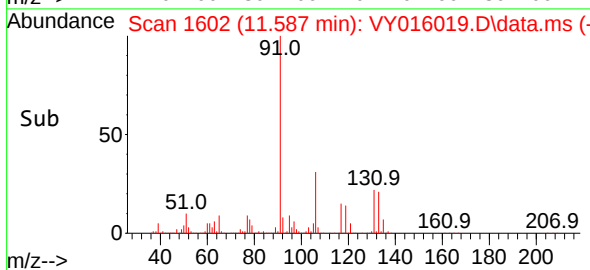
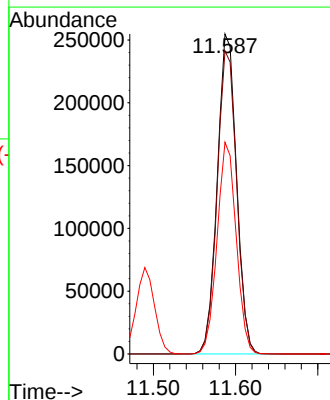
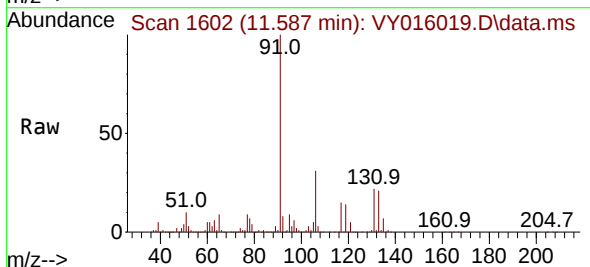
Manual Integrations
APPROVED

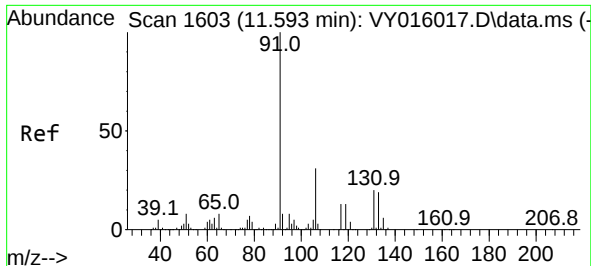
Reviewed By :John Carlone 10/19/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 150.941 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. -0.006 min
Lab File: VY016019.D
Acq: 18 Oct 2023 13:25

Tgt Ion:131 Resp: 415601
Ion Ratio Lower Upper
131 100
133 95.6 47.5 142.6
119 65.6 31.6 94.7





#67

Ethyl Benzene

Concen: 151.831 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. 0.000 min

Lab File: VY016019.D

Acq: 18 Oct 2023 13:25

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

Tgt Ion: 91 Resp: 1962640

Ion Ratio Lower Upper

91 100

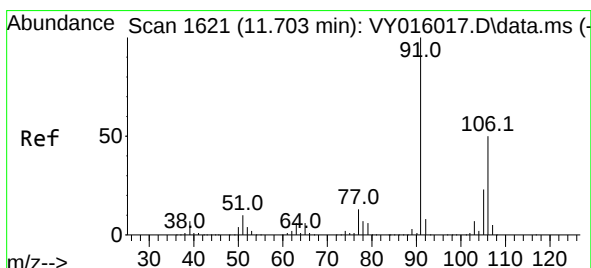
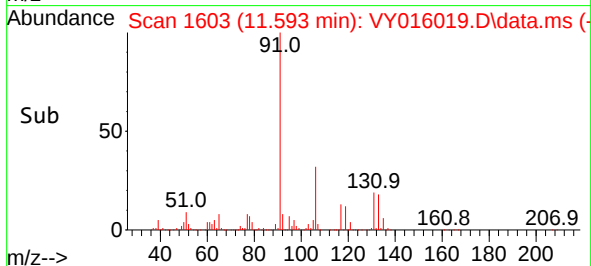
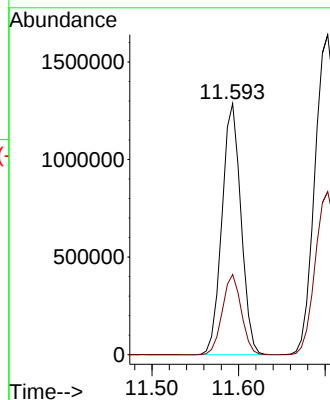
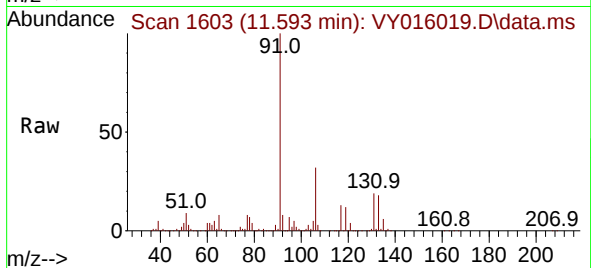
106 31.9 24.6 36.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/19/2023

Supervised By :Semsettin Yesilyurt 10/20/2023



#68

m/p-Xylenes

Concen: 301.078 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. 0.000 min

Lab File: VY016019.D

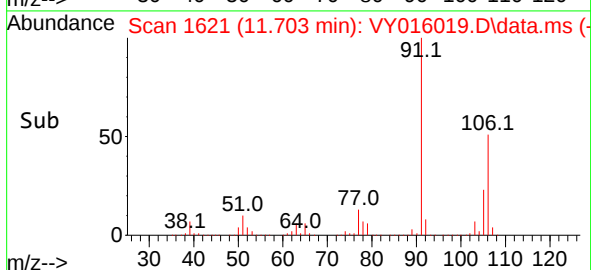
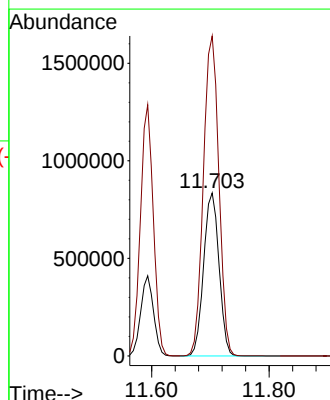
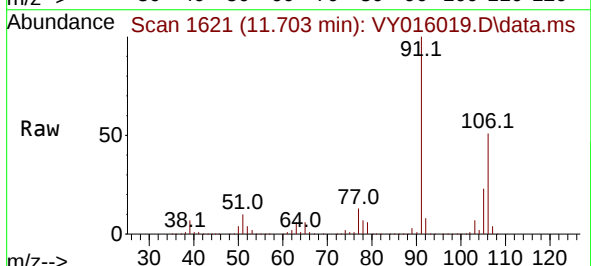
Acq: 18 Oct 2023 13:25

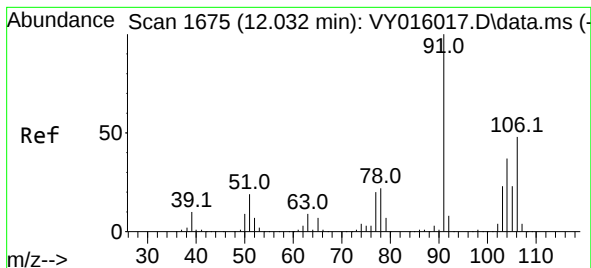
Tgt Ion:106 Resp: 1517627

Ion Ratio Lower Upper

106 100

91 197.9 166.1 249.1





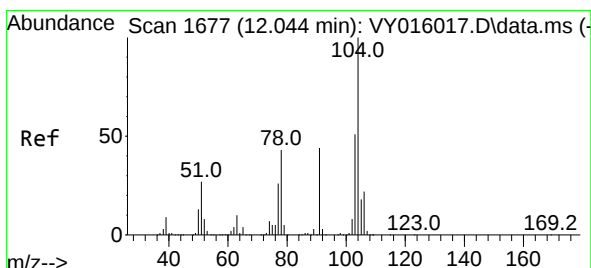
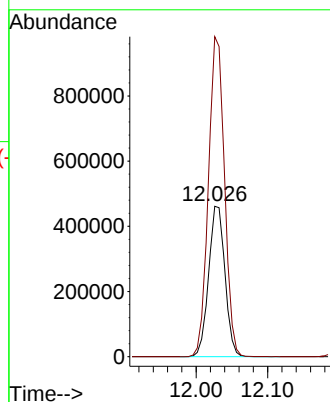
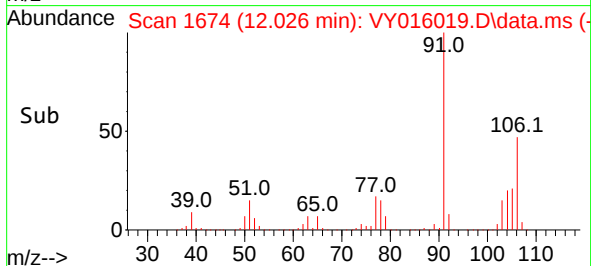
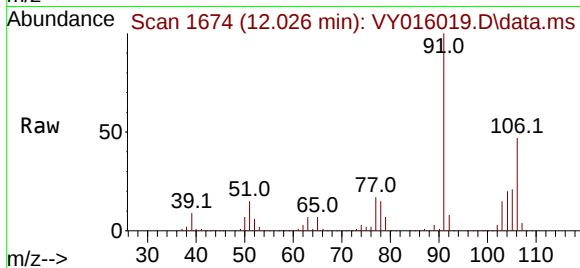
#69
o-Xylene
Concen: 152.432 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. -0.006 min
Lab File: VY016019.D
Acq: 18 Oct 2023 13:25

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tgt Ion:106 Resp: 730960
Ion Ratio Lower Upper
106 100
91 209.9 108.1 324.3

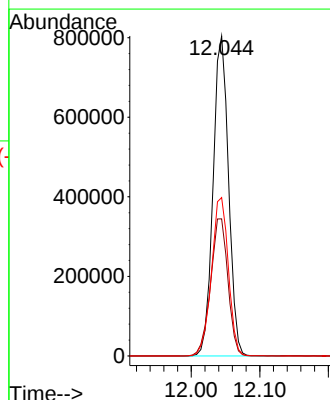
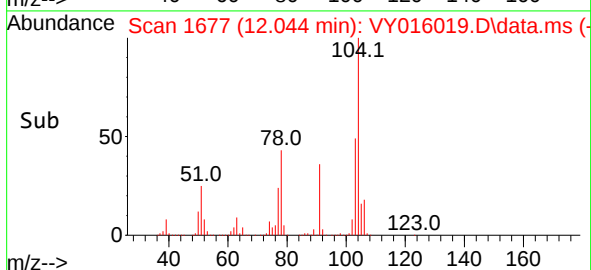
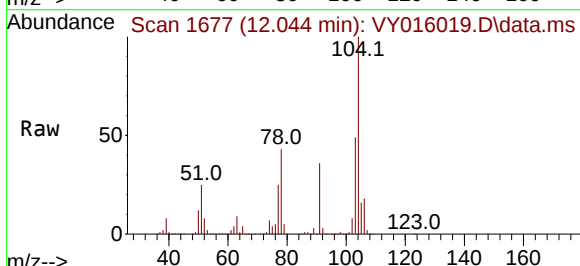
Manual Integrations
APPROVED

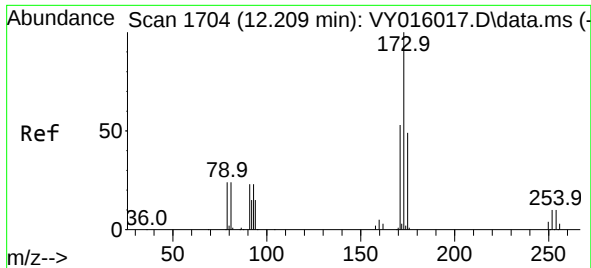
Reviewed By :John Carlone 10/19/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#70
Styrene
Concen: 154.139 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VY016019.D
Acq: 18 Oct 2023 13:25

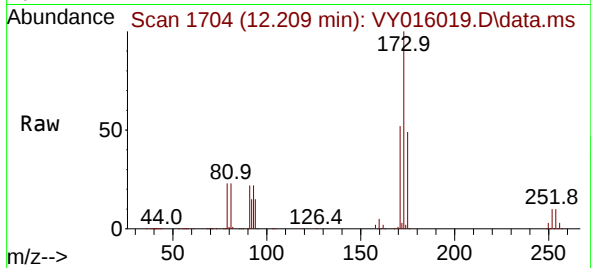
Tgt Ion:104 Resp: 1259765
Ion Ratio Lower Upper
104 100
78 48.1 41.5 62.3
103 54.2 44.6 67.0





#71
Bromoform
Concen: 165.843 ug/l
RT: 12.209 min Scan# 1704
Delta R.T. 0.000 min
Lab File: VY016019.D
Acq: 18 Oct 2023 13:25

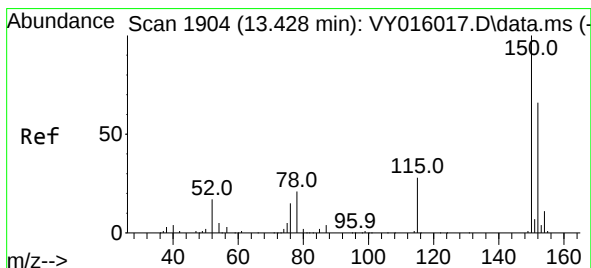
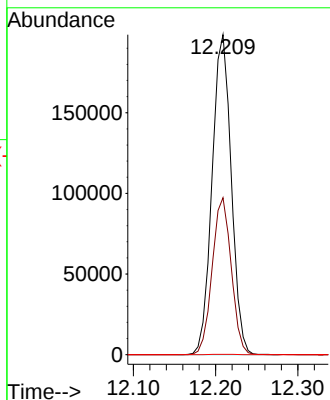
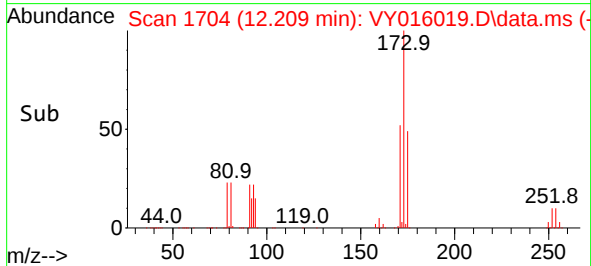
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150



Tgt Ion:173 Resp: 321310
Ion Ratio Lower Upper
173 100
175 48.7 24.6 73.8
254 0.1 0.2 0.2

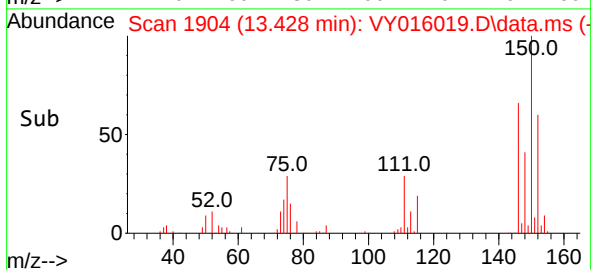
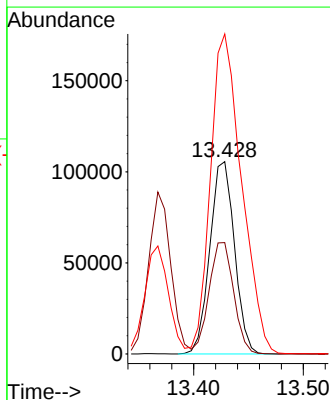
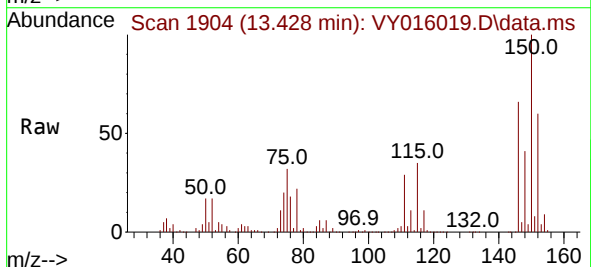
Manual Integrations
APPROVED

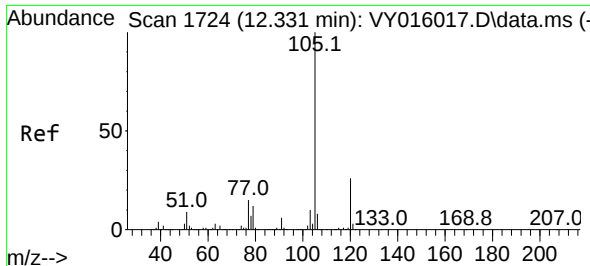
Reviewed By :John Carlone 10/19/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY016019.D
Acq: 18 Oct 2023 13:25

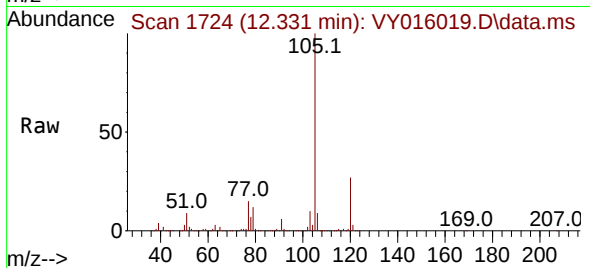
Tgt Ion:152 Resp: 165025
Ion Ratio Lower Upper
152 100
115 58.0 28.8 86.5
150 210.8 0.0 348.8





#73
Isopropylbenzene
Concen: 153.980 ug/l
RT: 12.331 min Scan# 1724
Delta R.T. 0.000 min
Lab File: VY016019.D
Acq: 18 Oct 2023 13:25

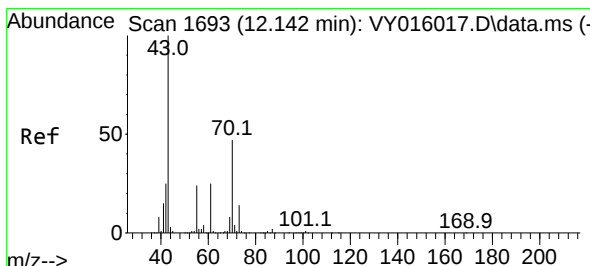
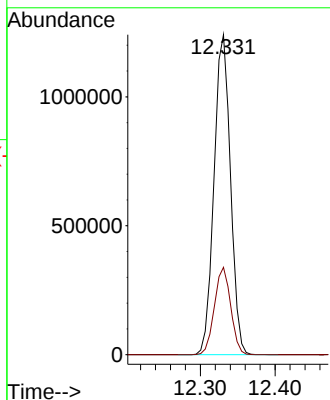
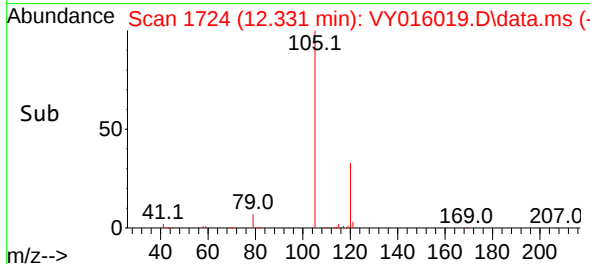
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150



Tgt Ion:105 Resp: 1900794
Ion Ratio Lower Upper
105 100
120 27.0 13.3 39.9

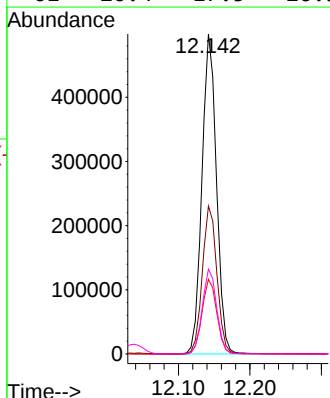
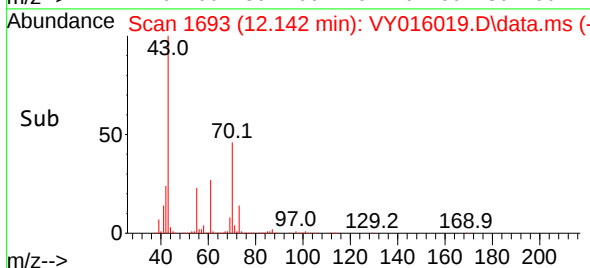
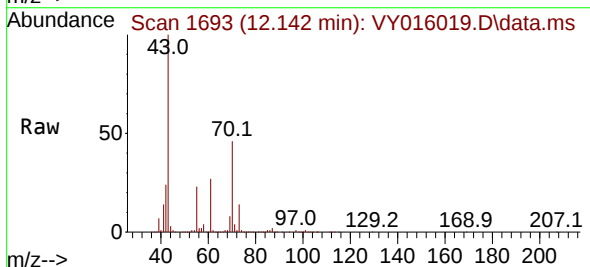
Manual Integrations
APPROVED

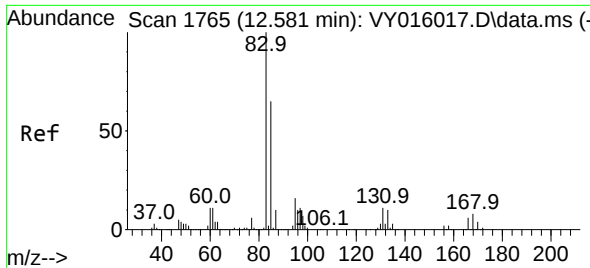
Reviewed By :John Carlone 10/19/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#74
N-ethyl acetate
Concen: 180.125 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. 0.000 min
Lab File: VY016019.D
Acq: 18 Oct 2023 13:25

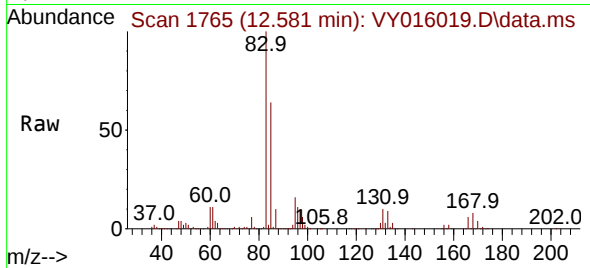
Tgt Ion: 43 Resp: 702314
Ion Ratio Lower Upper
43 100
70 46.6 29.7 44.5#
55 23.8 18.3 27.5
61 26.4 17.5 26.3#





#75
1,1,2,2-Tetrachloroethane
Concen: 167.319 ug/l
RT: 12.581 min Scan# 1765
Delta R.T. 0.000 min
Lab File: VY016019.D
Acq: 18 Oct 2023 13:25

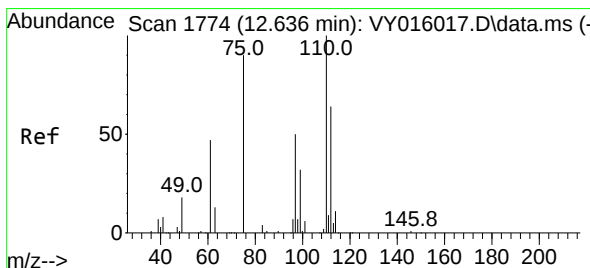
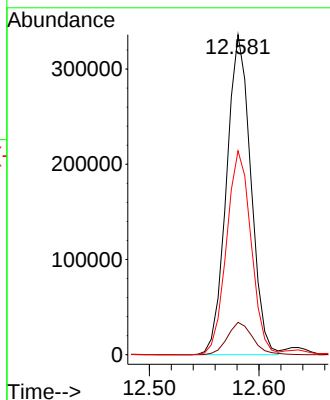
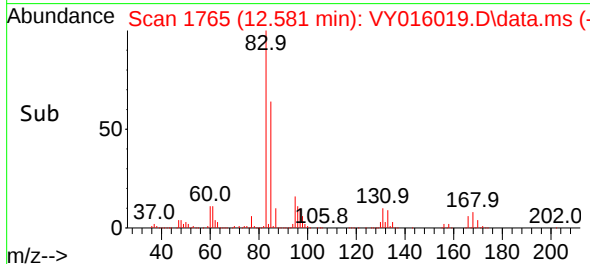
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150



Tgt Ion: 83 Resp: 51731
Ion Ratio Lower Upper
83 100
131 10.5 5.4 16.2
85 64.5 31.8 95.4

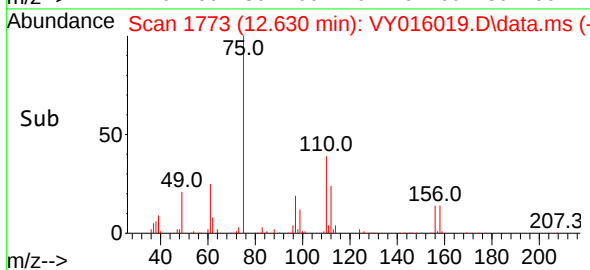
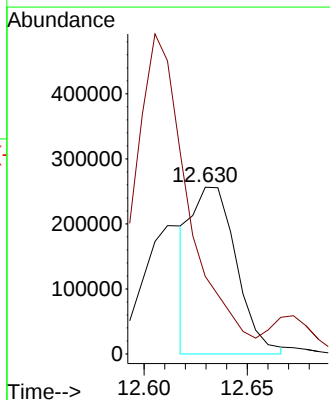
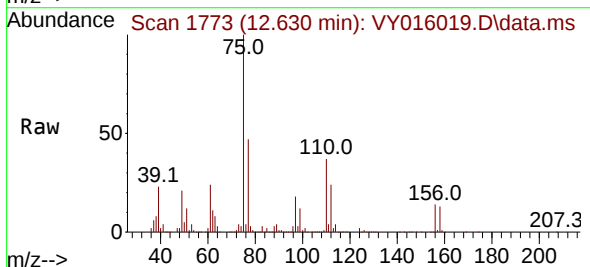
Manual Integrations
APPROVED

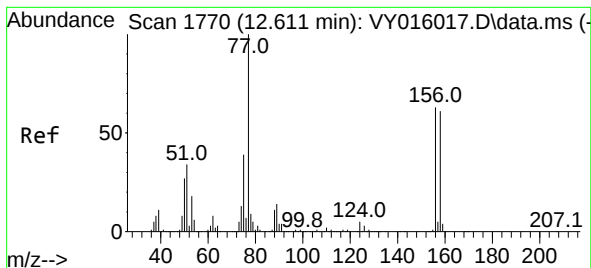
Reviewed By :John Carlone 10/19/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#76
1,2,3-Trichloropropane
Concen: 167.631 ug/l m
RT: 12.630 min Scan# 1773
Delta R.T. -0.006 min
Lab File: VY016019.D
Acq: 18 Oct 2023 13:25

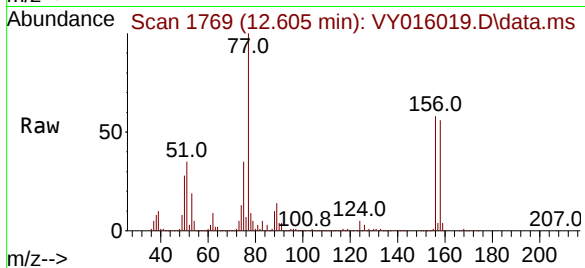
Tgt Ion: 75 Resp: 390212
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77
Bromobenzene
Concen: 153.144 ug/l
RT: 12.605 min Scan# 1769
Delta R.T. -0.006 min
Lab File: VY016019.D
Acq: 18 Oct 2023 13:25

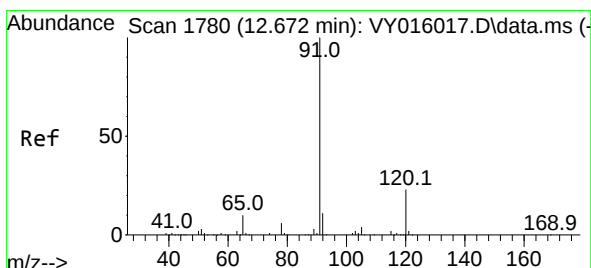
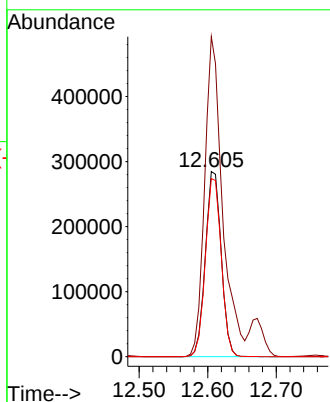
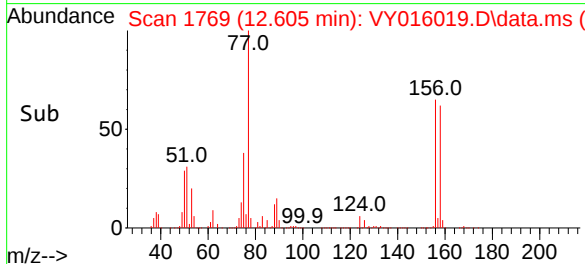
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150



Tgt Ion:156 Resp: 45885
Ion Ratio Lower Upper
156 100
77 194.3 92.8 278.6
158 96.9 48.4 145.3

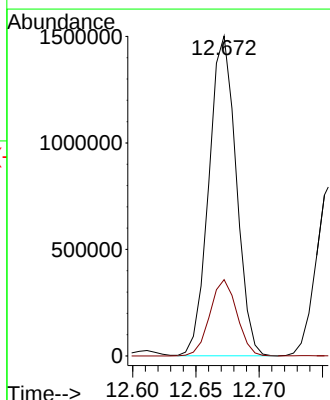
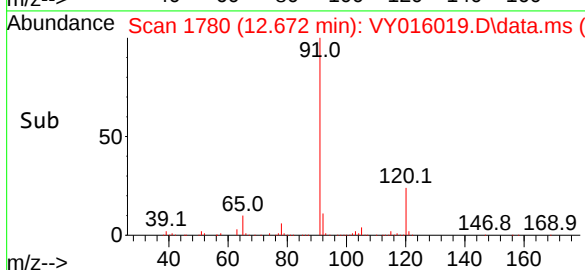
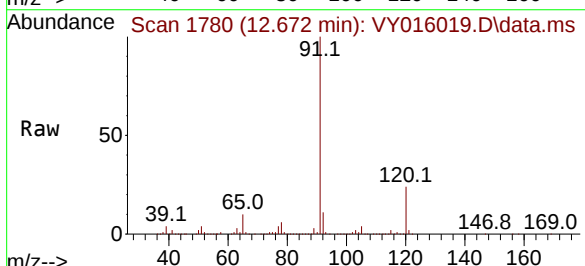
Manual Integrations
APPROVED

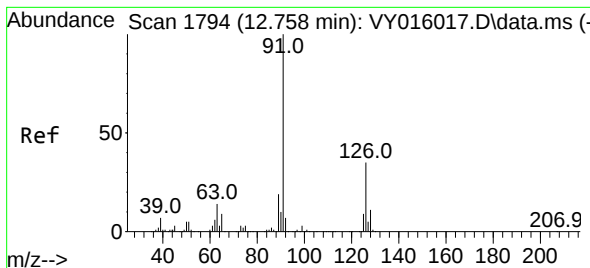
Reviewed By :John Carlone 10/19/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#78
n-propylbenzene
Concen: 151.478 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. 0.000 min
Lab File: VY016019.D
Acq: 18 Oct 2023 13:25

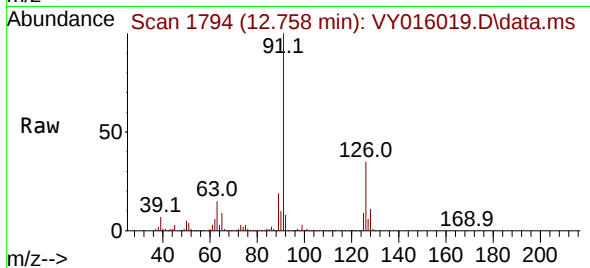
Tgt Ion: 91 Resp: 2252276
Ion Ratio Lower Upper
91 100
120 23.5 11.5 34.4





#79
2-Chlorotoluene
Concen: 152.110 ug/l
RT: 12.758 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY016019.D
Acq: 18 Oct 2023 13:25

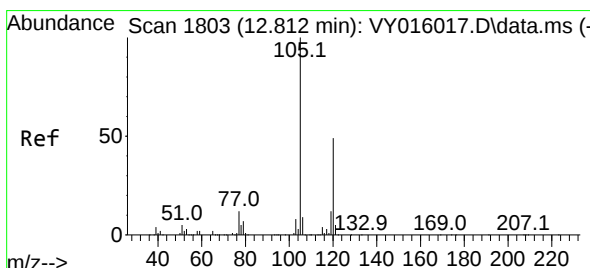
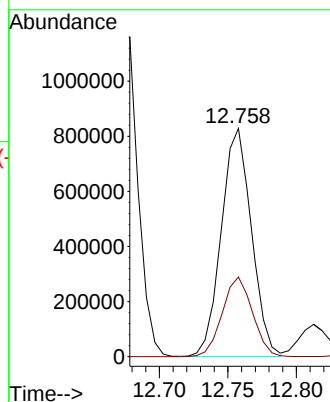
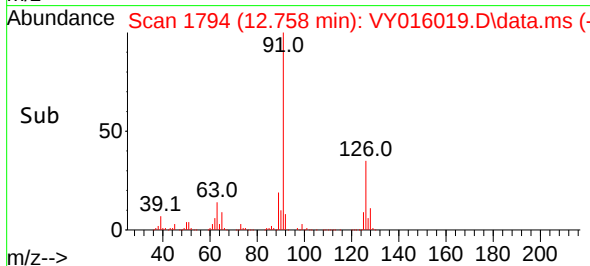
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150



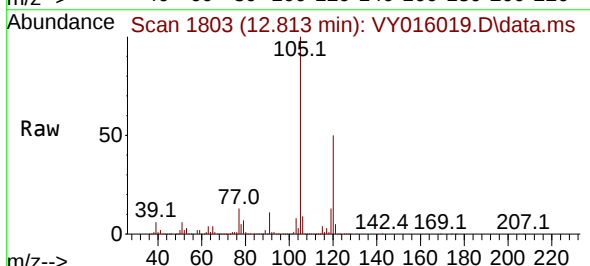
Tgt Ion: 91 Resp: 1269474
Ion Ratio Lower Upper
91 100
126 34.9 17.3 51.7

Manual Integrations
APPROVED

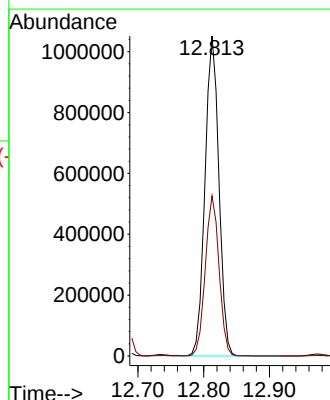
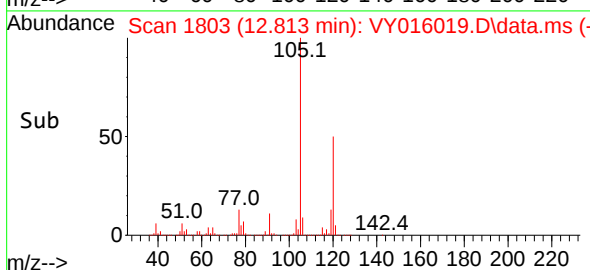
Reviewed By :John Carlone 10/19/2023
Supervised By :Semsettin Yesilyurt 10/20/2023

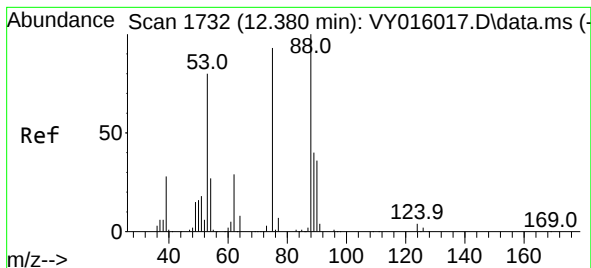


#80
1,3,5-Trimethylbenzene
Concen: 151.143 ug/l
RT: 12.813 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY016019.D
Acq: 18 Oct 2023 13:25



Tgt Ion:105 Resp: 1545420
Ion Ratio Lower Upper
105 100
120 49.5 23.9 71.7





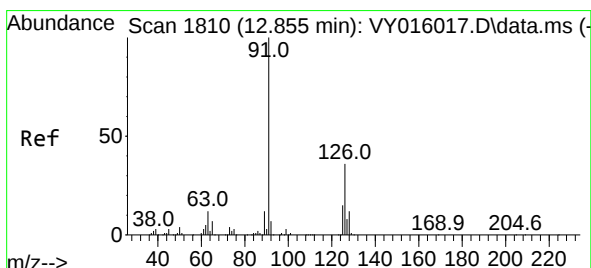
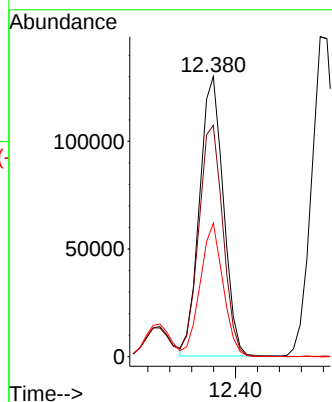
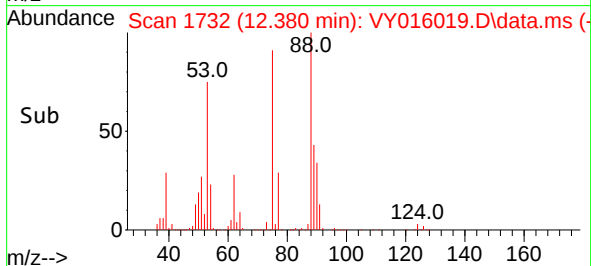
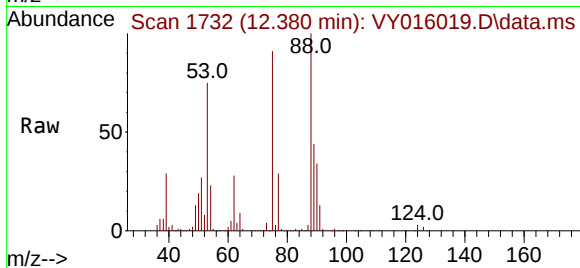
#81
trans-1,4-Dichloro-2-butene
Concen: 183.241 ug/l
RT: 12.380 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VY016019.D
Acq: 18 Oct 2023 13:25

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tgt Ion: 75 Resp: 19614
Ion Ratio Lower Upper
75 100
53 84.2 77.8 116.8
89 46.0 37.4 56.0

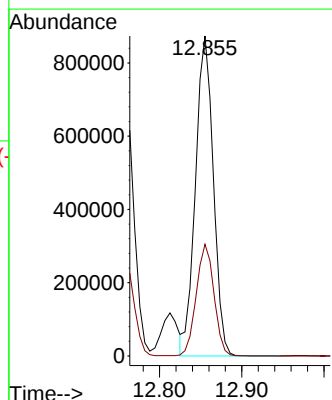
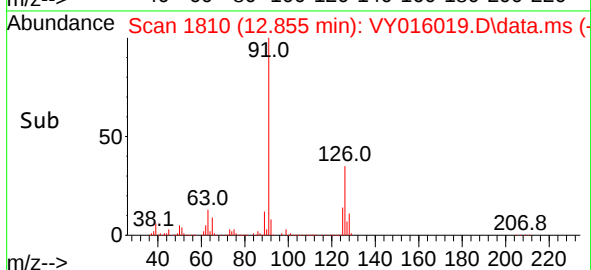
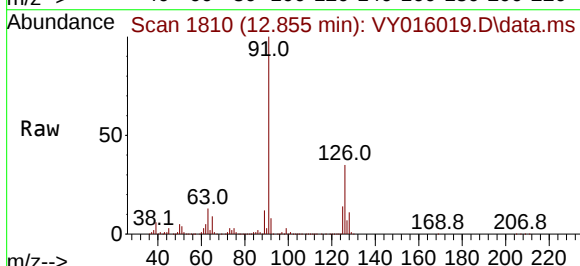
Manual Integrations
APPROVED

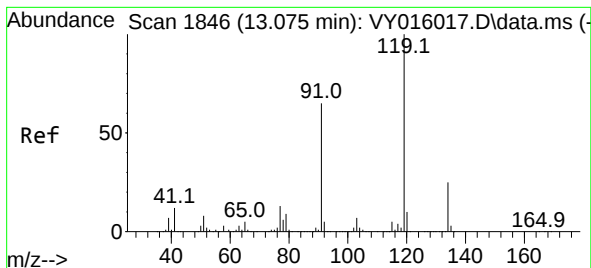
Reviewed By :John Carbone 10/19/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#82
4-Chlorotoluene
Concen: 151.090 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY016019.D
Acq: 18 Oct 2023 13:25

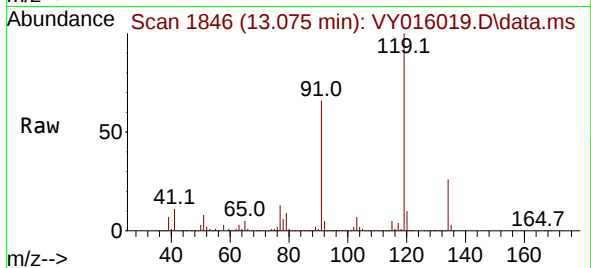
Tgt Ion: 91 Resp: 1316010
Ion Ratio Lower Upper
91 100
126 34.8 17.2 51.6





#83
tert-Butylbenzene
Concen: 150.840 ug/l
RT: 13.075 min Scan# 1846
Delta R.T. 0.000 min
Lab File: VY016019.D
Acq: 18 Oct 2023 13:25

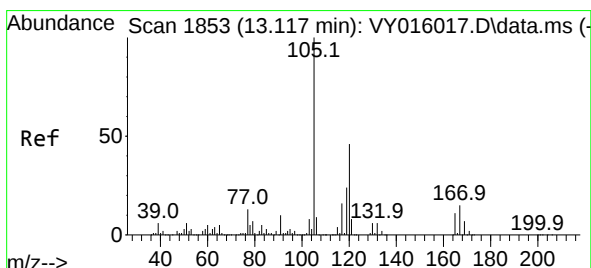
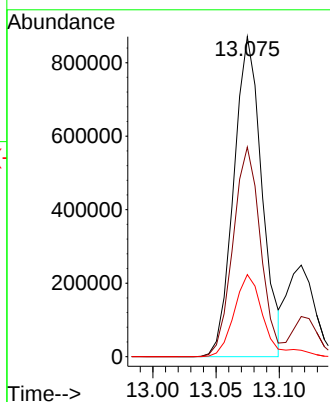
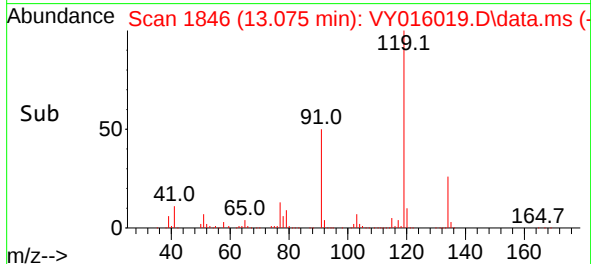
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150



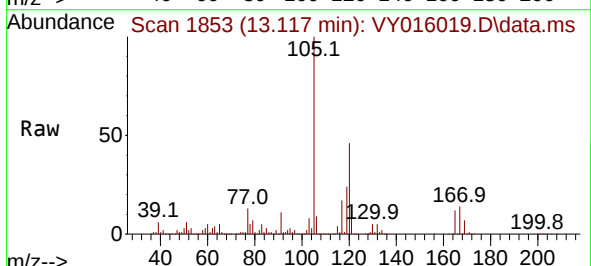
Tgt Ion:119 Resp: 135240
Ion Ratio Lower Upper
119 100
91 63.6 32.9 98.6
134 27.0 13.0 38.9

Manual Integrations
APPROVED

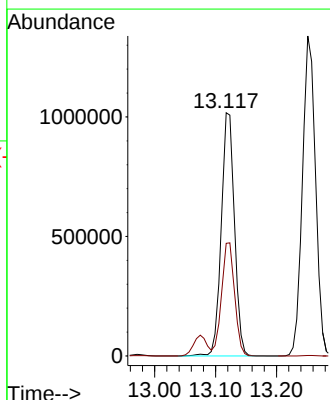
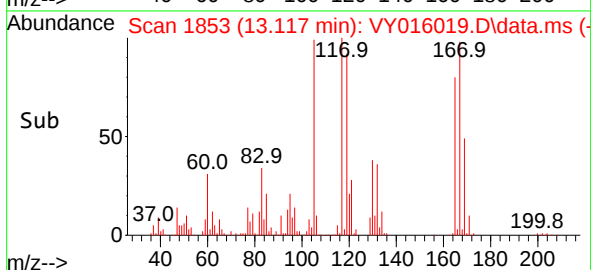
Reviewed By :John Carlone 10/19/2023
Supervised By :Semsettin Yesilyurt 10/20/2023

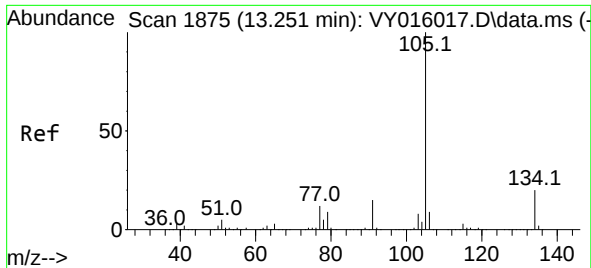


#84
1,2,4-Trimethylbenzene
Concen: 150.953 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VY016019.D
Acq: 18 Oct 2023 13:25



Tgt Ion:105 Resp: 1532722
Ion Ratio Lower Upper
105 100
120 46.0 22.2 66.6





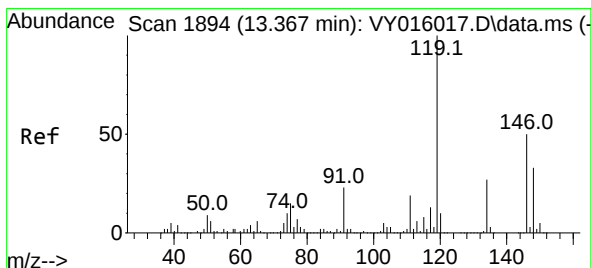
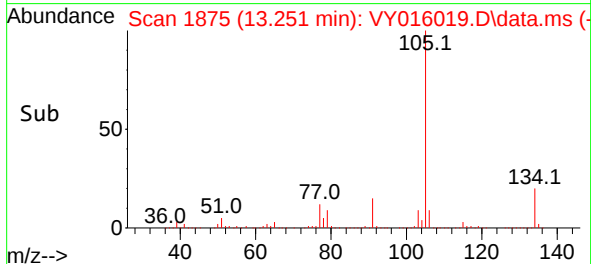
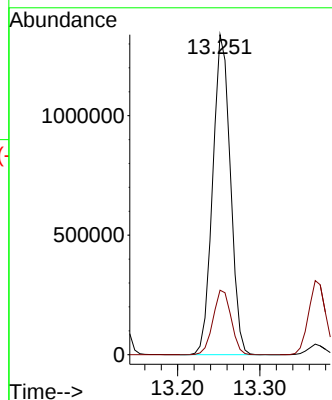
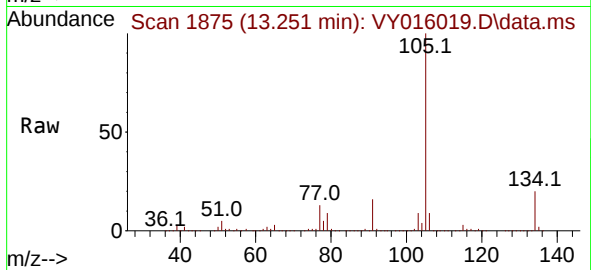
#85
 sec-Butylbenzene
 Concen: 149.001 ug/l
 RT: 13.251 min Scan# 1875
 Delta R.T. 0.000 min
 Lab File: VY016019.D
 Acq: 18 Oct 2023 13:25

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

Tgt Ion:105 Resp: 1995219
 Ion Ratio Lower Upper
 105 100
 134 20.6 10.2 30.6

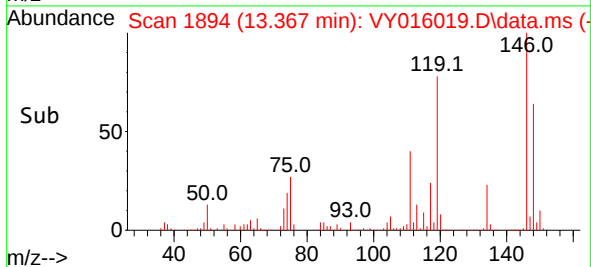
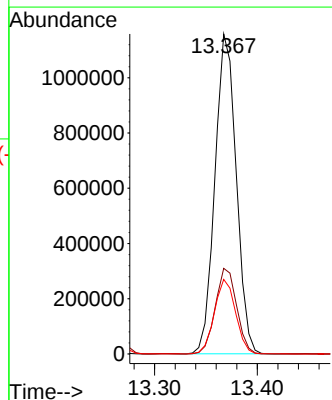
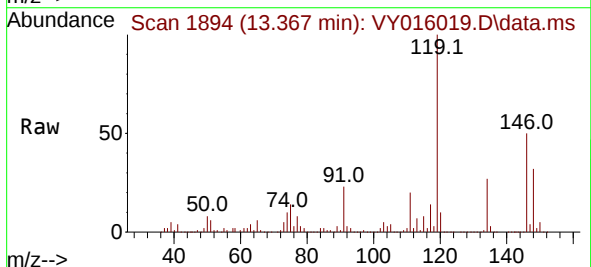
Manual Integrations
 APPROVED

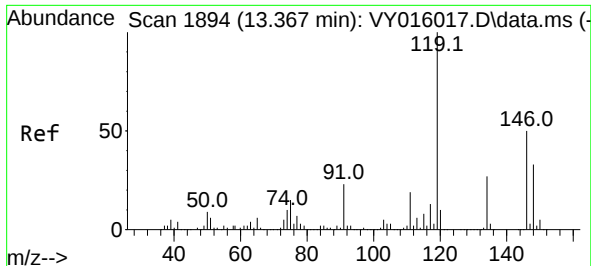
Reviewed By :John Carlone 10/19/2023
 Supervised By :Semsettin Yesilyurt 10/20/2023



#86
 p-Isopropyltoluene
 Concen: 149.020 ug/l
 RT: 13.367 min Scan# 1894
 Delta R.T. 0.000 min
 Lab File: VY016019.D
 Acq: 18 Oct 2023 13:25

Tgt Ion:119 Resp: 1667583
 Ion Ratio Lower Upper
 119 100
 134 26.9 13.3 39.8
 91 23.2 12.4 37.4





#87

1,3-Dichlorobenzene

Concen: 150.618 ug/l

RT: 13.367 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY016019.D

Acq: 18 Oct 2023 13:25

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC150

Tgt Ion:146 Resp: 87806

Ion Ratio Lower Upper

146 100

111 39.6 19.4 58.2

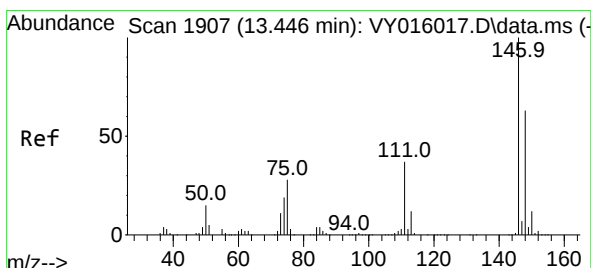
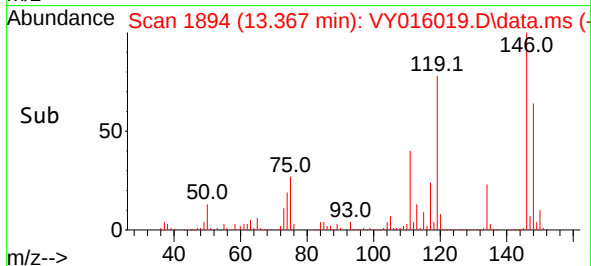
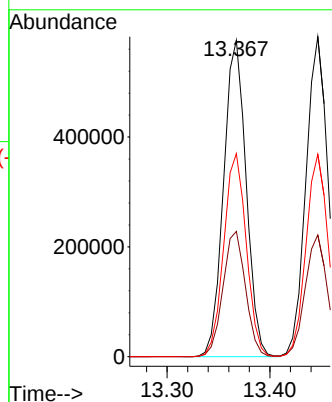
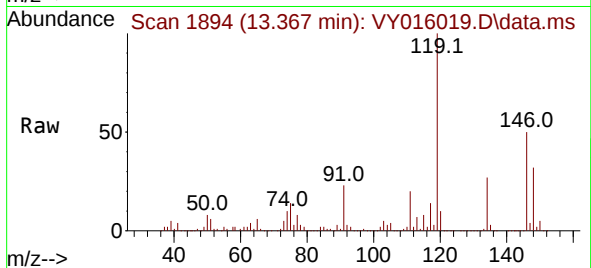
148 64.1 31.9 95.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/19/2023

Supervised By :Semsettin Yesilyurt 10/20/2023



#88

1,4-Dichlorobenzene

Concen: 147.967 ug/l

RT: 13.447 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY016019.D

Acq: 18 Oct 2023 13:25

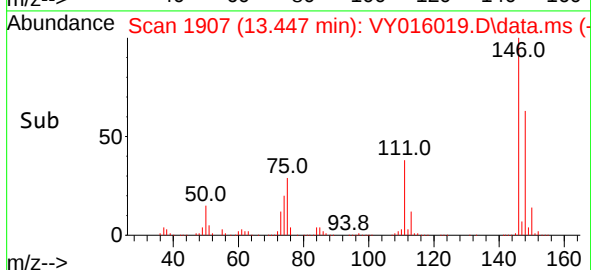
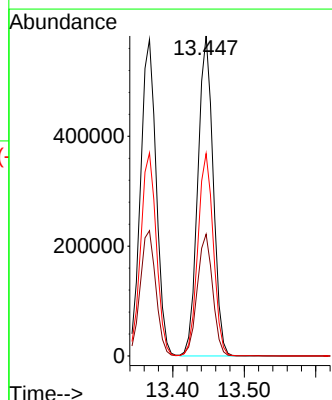
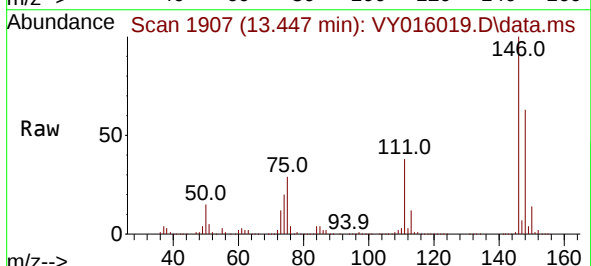
Tgt Ion:146 Resp: 868507

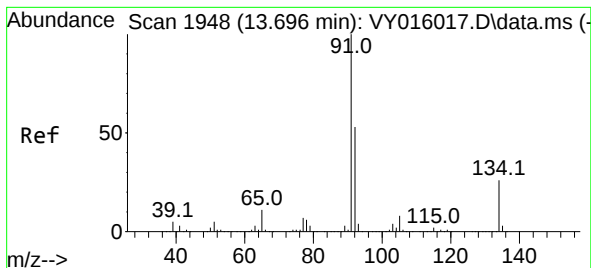
Ion Ratio Lower Upper

146 100

111 38.1 18.9 56.7

148 63.5 32.1 96.5





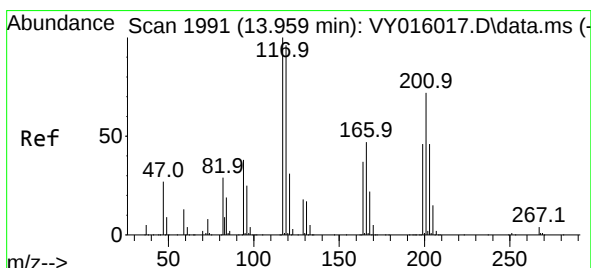
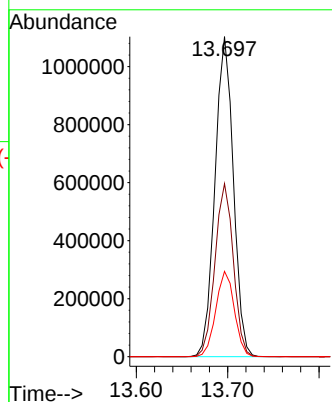
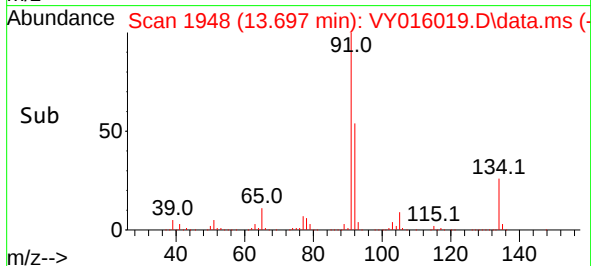
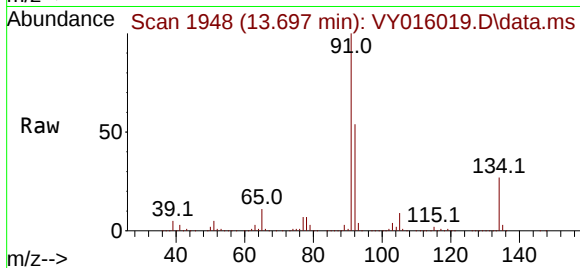
#89
n-Butylbenzene
Concen: 148.118 ug/l
RT: 13.697 min Scan# 1948
Delta R.T. 0.000 min
Lab File: VY016019.D
Acq: 18 Oct 2023 13:25

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tgt Ion: 91 Resp: 154302
Ion Ratio Lower Upper
91 100
92 54.1 25.4 76.0
134 26.9 12.6 37.6

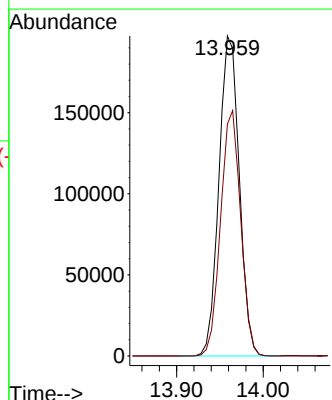
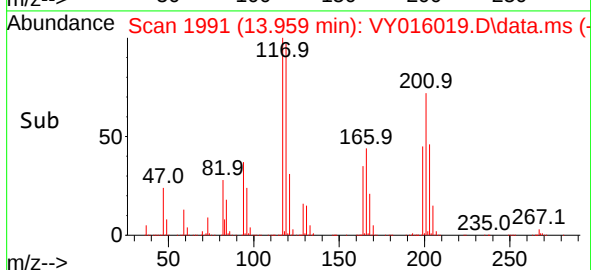
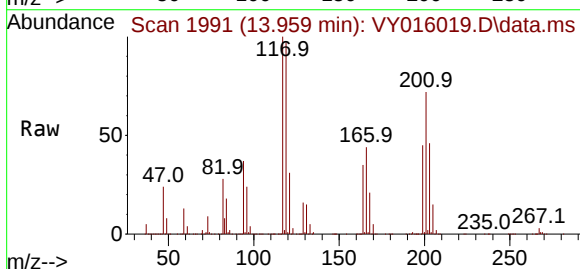
Manual Integrations
APPROVED

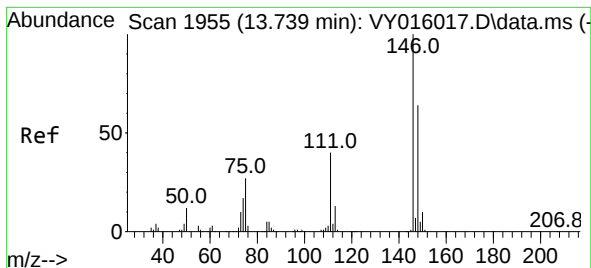
Reviewed By :John Carlone 10/19/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#90
Hexachloroethane
Concen: 150.614 ug/l
RT: 13.959 min Scan# 1991
Delta R.T. 0.000 min
Lab File: VY016019.D
Acq: 18 Oct 2023 13:25

Tgt Ion:117 Resp: 321290
Ion Ratio Lower Upper
117 100
201 75.9 41.6 124.8





#91

1,2-Dichlorobenzene

Concen: 149.556 ug/l

RT: 13.739 min Scan# 1955

Delta R.T. 0.000 min

Lab File: VY016019.D

Acq: 18 Oct 2023 13:25

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

Tgt Ion:146 Resp: 80049

Ion Ratio Lower Upper

146 100

111 41.0 19.7 59.0

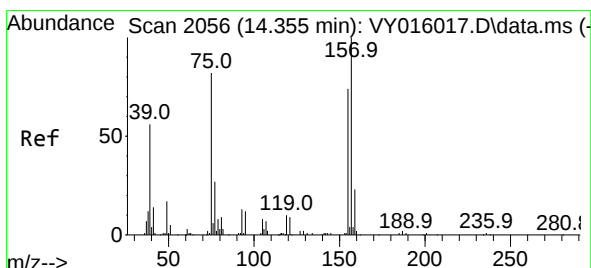
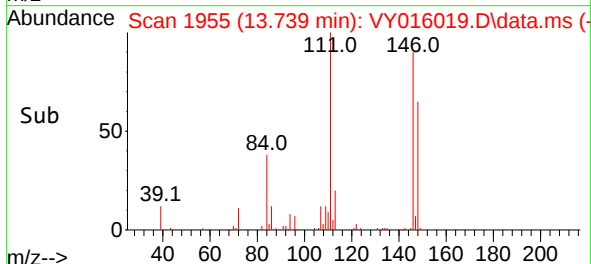
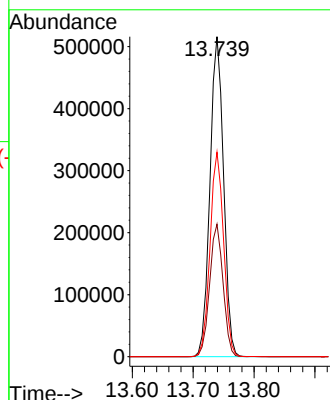
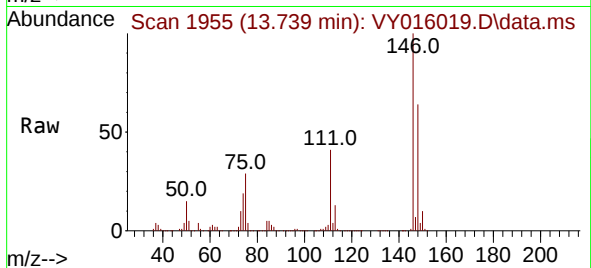
148 63.8 32.0 96.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/19/2023

Supervised By :Semsettin Yesilyurt 10/20/2023



#92

1,2-Dibromo-3-Chloropropane

Concen: 173.609 ug/l

RT: 14.355 min Scan# 2056

Delta R.T. 0.000 min

Lab File: VY016019.D

Acq: 18 Oct 2023 13:25

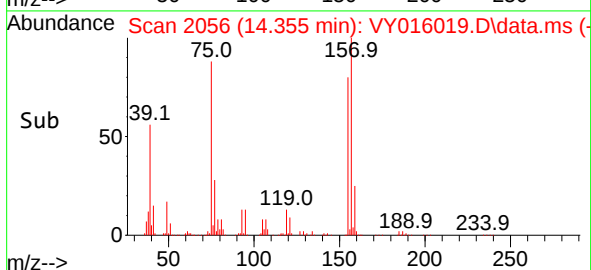
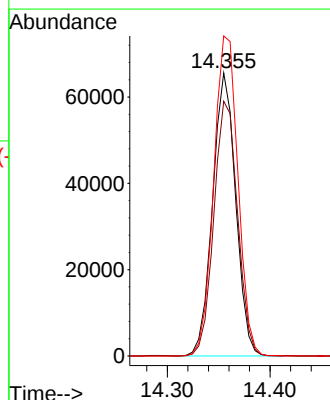
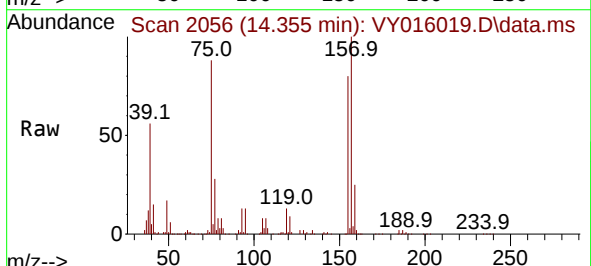
Tgt Ion: 75 Resp: 102176

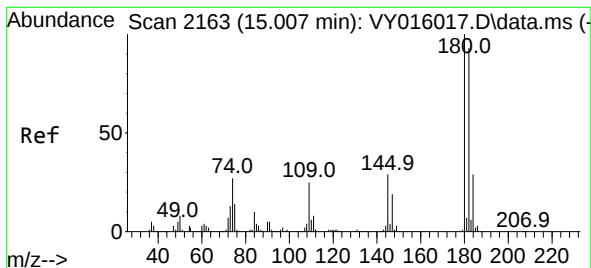
Ion Ratio Lower Upper

75 100

155 92.4 41.5 124.6

157 118.6 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 151.293 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY016019.D

Acq: 18 Oct 2023 13:25

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

Tgt Ion:180 Resp: 515878

Ion Ratio Lower Upper

180 100

182 94.5 47.0 141.2

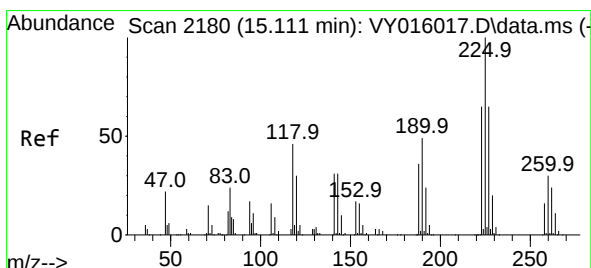
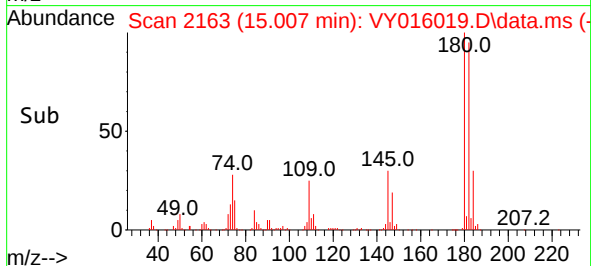
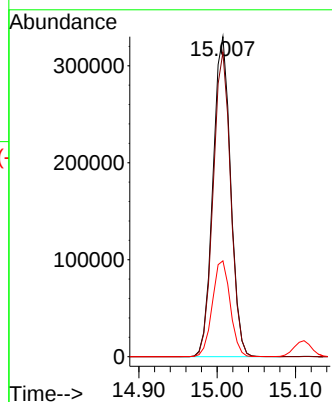
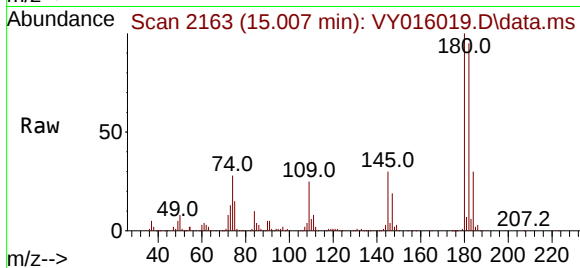
145 30.4 14.5 43.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/19/2023

Supervised By :Semsettin Yesilyurt 10/20/2023



#94

Hexachlorobutadiene

Concen: 139.189 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. 0.000 min

Lab File: VY016019.D

Acq: 18 Oct 2023 13:25

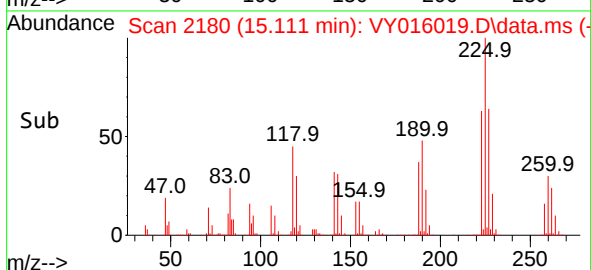
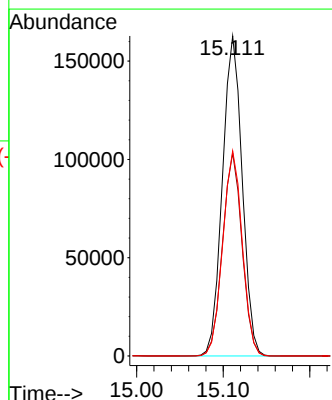
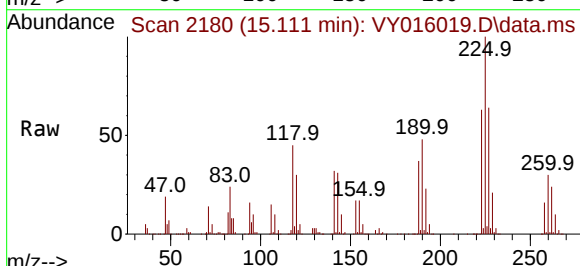
Tgt Ion:225 Resp: 257784

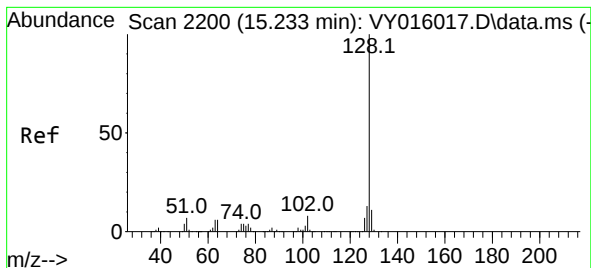
Ion Ratio Lower Upper

225 100

223 62.5 31.9 95.9

227 63.4 33.0 98.9





#95

Naphthalene

Concen: 170.008 ug/l

RT: 15.233 min Scan# 2200

Delta R.T. 0.000 min

Lab File: VY016019.D

Acq: 18 Oct 2023 13:25

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

Tgt Ion:128 Resp: 1422804

Ion Ratio Lower Upper

128 100

127 12.8 10.8 16.2

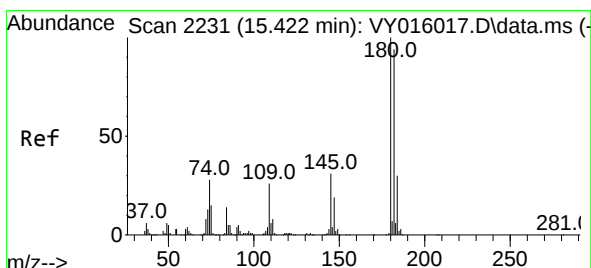
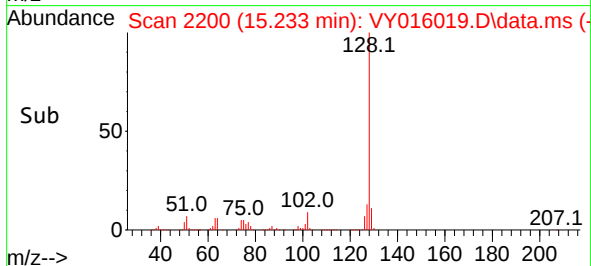
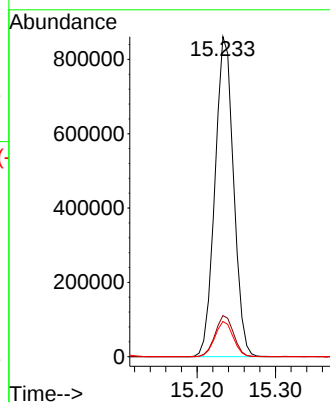
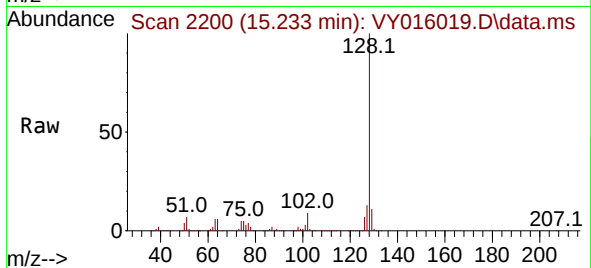
129 10.9 8.6 13.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/19/2023

Supervised By :Semsettin Yesilyurt 10/20/2023



#96

1,2,3-Trichlorobenzene

Concen: 152.167 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. 0.000 min

Lab File: VY016019.D

Acq: 18 Oct 2023 13:25

Tgt Ion:180 Resp: 473931

Ion Ratio Lower Upper

180 100

182 94.7 47.3 141.8

145 32.6 15.4 46.2

