

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101823\
 Data File : VY016018.D
 Acq On : 18 Oct 2023 13:02
 Operator : SY/MD
 Sample : VSTDICC100
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC100

Manual Integrations
 APPROVED

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

Quant Time: Oct 19 02:57:01 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

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	228691	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	361193	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	330141	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	163873	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	242097	93.142	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 186.280%#			
35) Dibromofluoromethane	7.716	113	228175	95.976	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 191.960%#			
50) Toluene-d8	10.179	98	834866	96.691	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 193.380%#			
62) 4-Bromofluorobenzene	12.483	95	297308	96.501	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 193.000%#			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	187141	99.011	ug/l	97
3) Chloromethane	2.107	50	224766	94.179	ug/l	99
4) Vinyl Chloride	2.247	62	255159	95.263	ug/l	98
5) Bromomethane	2.625	94	168097	86.034	ug/l	99
6) Chloroethane	2.778	64	170620	99.063	ug/l	95
7) Trichlorofluoromethane	3.113	101	394686	96.827	ug/l	99
8) Diethyl Ether	3.527	74	142455	98.920	ug/l	85
9) 1,1,2-Trichlorotrifluo...	3.893	101	228704	97.538	ug/l	96
10) Methyl Iodide	4.082	142	307582	100.460	ug/l	97
11) Tert butyl alcohol	4.972	59	181370	452.030	ug/l #	80
12) 1,1-Dichloroethene	3.869	96	216744	98.792	ug/l	90
13) Acrolein	3.729	56	151943	493.278	ug/l	98
14) Allyl chloride	4.472	41	342839	99.936	ug/l	94
15) Acrylonitrile	5.161	53	436900	508.534	ug/l	98
16) Acetone	3.948	43	500240	519.190	ug/l	92
17) Carbon Disulfide	4.186	76	636742	99.068	ug/l	98
18) Methyl Acetate	4.472	43	335978	101.313	ug/l	92
19) Methyl tert-butyl Ether	5.222	73	718718	101.546	ug/l	99
20) Methylene Chloride	4.710	84	259072	90.511	ug/l	90
21) trans-1,2-Dichloroethene	5.216	96	252564	98.856	ug/l	94
22) Diisopropyl ether	6.119	45	750752	100.503	ug/l	91
23) Vinyl Acetate	6.058	43	2395186	516.905	ug/l #	93
24) 1,1-Dichloroethane	6.015	63	432261	97.541	ug/l	97
25) 2-Butanone	6.984	43	677348	513.243	ug/l	95
26) 2,2-Dichloropropane	6.978	77	396799	99.517	ug/l	98
27) cis-1,2-Dichloroethene	6.984	96	288865	98.175	ug/l	93
28) Bromochloromethane	7.332	49	191076	100.817	ug/l	91
29) Tetrahydrofuran	7.350	42	411274	514.840	ug/l	90
30) Chloroform	7.502	83	458266	96.445	ug/l	97
31) Cyclohexane	7.783	56	388090	95.394	ug/l	92
32) 1,1,1-Trichloroethane	7.704	97	417450	98.190	ug/l	98
36) 1,1-Dichloropropene	7.917	75	357953	100.076	ug/l	99
37) Ethyl Acetate	7.076	43	268506	104.142	ug/l #	95
38) Carbon Tetrachloride	7.899	117	380533	100.097	ug/l	99
39) Methylcyclohexane	9.185	83	458367	102.542	ug/l	93
40) Benzene	8.161	78	1002312	99.426	ug/l	100

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.313	41	132781m	102.285	ug/l	
42) 1,2-Dichloroethane	8.234	62	321541	99.019	ug/l	94
43) Isopropyl Acetate	8.271	43	474601	105.287	ug/l	96
44) Trichloroethene	8.941	130	280841	99.358	ug/l	99
45) 1,2-Dichloropropane	9.216	63	254318	100.804	ug/l	97
46) Dibromomethane	9.307	93	168596	100.660	ug/l	97
47) Bromodichloromethane	9.496	83	366840	99.931	ug/l	97
48) Methyl methacrylate	9.295	41	218295	106.389	ug/l	88
49) 1,4-Dioxane	9.301	88	60447	2266.483	ug/l #	55
51) 4-Methyl-2-Pentanone	10.069	43	1339079	516.581	ug/l	91
52) Toluene	10.246	92	656163	100.351	ug/l	94
53) t-1,3-Dichloropropene	10.465	75	414335	104.192	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	442922	102.179	ug/l	90
55) 1,1,2-Trichloroethane	10.642	97	233060	101.285	ug/l	97
56) Ethyl methacrylate	10.508	69	361033	107.361	ug/l #	85
57) 1,3-Dichloropropane	10.788	76	393614	100.835	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.782	63	846245	523.916	ug/l	94
59) 2-Hexanone	10.831	43	1034894	524.740	ug/l	88
60) Dibromochloromethane	10.983	129	282750	101.605	ug/l	99
61) 1,2-Dibromoethane	11.087	107	236992	101.203	ug/l	100
64) Tetrachloroethene	10.721	164	250821	97.977	ug/l	97
65) Chlorobenzene	11.514	112	706538	98.819	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	266981	99.069	ug/l	99
67) Ethyl Benzene	11.593	91	1272110	100.547	ug/l	98
68) m/p-Xylenes	11.703	106	988336	200.329	ug/l	94
69) o-Xylene	12.032	106	474059	101.004	ug/l	97
70) Styrene	12.044	104	815141	101.902	ug/l	96
71) Bromoform	12.209	173	195316	103.000	ug/l #	100
73) Isopropylbenzene	12.331	105	1243642	101.453	ug/l	99
74) N-amyl acetate	12.142	43	420773	108.676	ug/l #	90
75) 1,1,2,2-Tetrachloroethane	12.581	83	313524	102.118	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	239737m	103.712	ug/l	
77) Bromobenzene	12.611	156	296642	99.701	ug/l	97
78) n-propylbenzene	12.672	91	1496929	101.385	ug/l	99
79) 2-Chlorotoluene	12.758	91	834588	100.704	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	1025434	100.993	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.380	75	115715	108.864	ug/l	92
82) 4-Chlorotoluene	12.855	91	871057	100.708	ug/l	99
83) tert-Butylbenzene	13.075	119	906735	101.843	ug/l	97
84) 1,2,4-Trimethylbenzene	13.117	105	1017389	100.904	ug/l	98
85) sec-Butylbenzene	13.251	105	1342532	100.964	ug/l	99
86) p-Isopropyltoluene	13.367	119	1130812	101.763	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	580906	100.346	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	576162	98.850	ug/l	99
89) n-Butylbenzene	13.696	91	1050657	101.564	ug/l	96
90) Hexachloroethane	13.959	117	215464	101.715	ug/l	91
91) 1,2-Dichlorobenzene	13.739	146	527874	99.316	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	58250	99.669	ug/l	88
93) 1,2,4-Trichlorobenzene	15.007	180	344667	101.792	ug/l	99
94) Hexachlorobutadiene	15.111	225	178531	97.075	ug/l	98
95) Naphthalene	15.233	128	873834	105.147	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	316652	102.383	ug/l	99

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ClientSampleId :
VSTDICC100

Manual Integrations
APPROVED

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

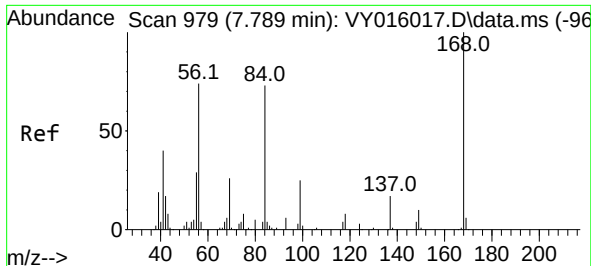
Quant Time: Oct 19 02:57:01 2023
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Quant Title : SW846 8260
QLast Update : Thu Oct 19 02:50:45 2023
Response via : Initial Calibration

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

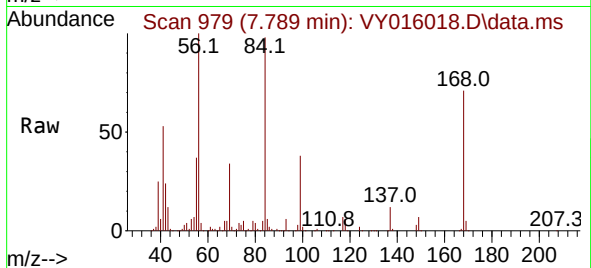
Reviewed By :John Carlone 10/19/2023
Supervised By :Semsettin Yesilyurt 10/20/2023

[illegible]



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY016018.D
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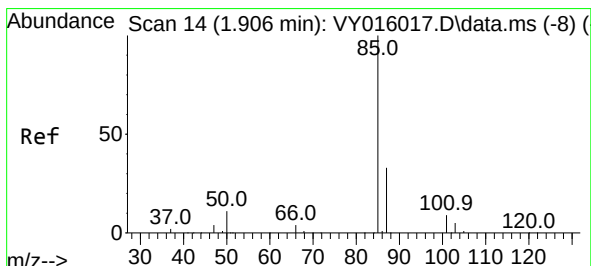
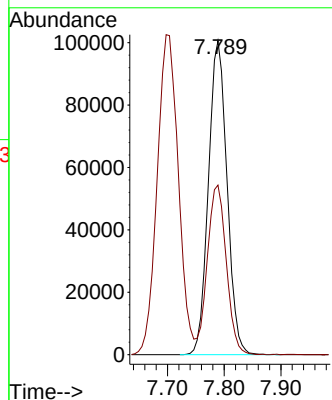
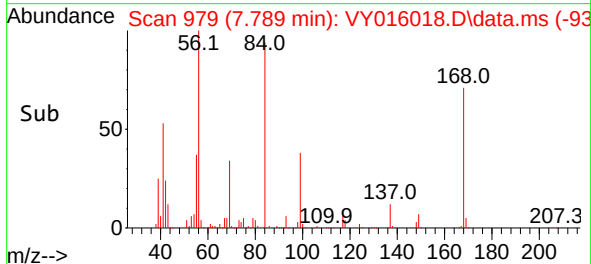
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100



Tgt Ion:168 Resp: 22869
Ion Ratio Lower Upper
168 100
99 54.0 43.4 65.0

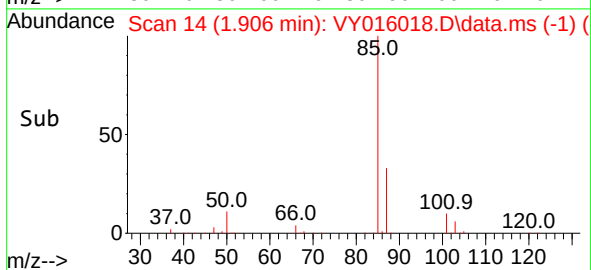
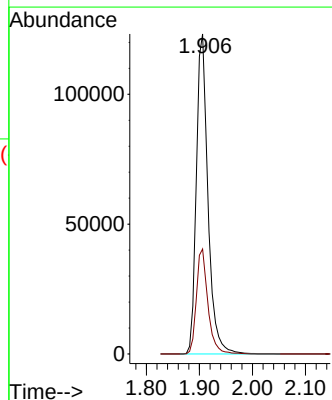
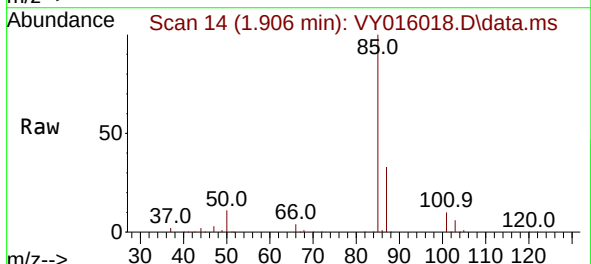
Manual Integrations
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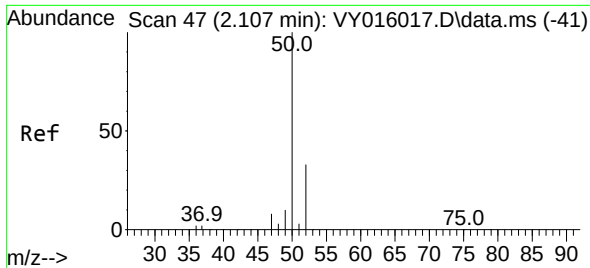
Reviewed By :John Carlone 10/19/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#2
Dichlorodifluoromethane
Concen: 99.011 ug/l
RT: 1.906 min Scan# 14
Delta R.T. 0.000 min
Lab File: VY016018.D
Acq: 18 Oct 2023 13:02

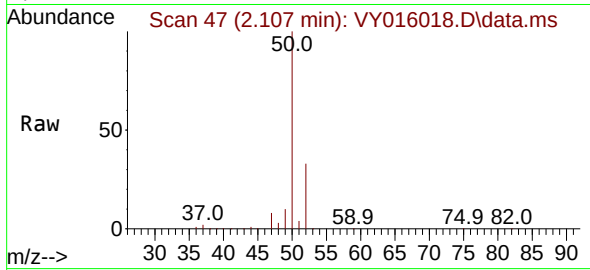
Tgt Ion: 85 Resp: 187141
Ion Ratio Lower Upper
85 100
87 32.8 15.6 46.8





#3
Chloromethane
Concen: 94.179 ug/l
RT: 2.107 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY016018.D
Acq: 18 Oct 2023 13:02

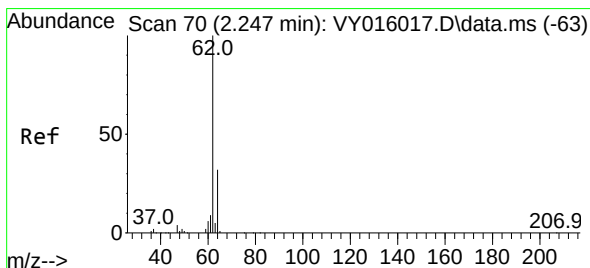
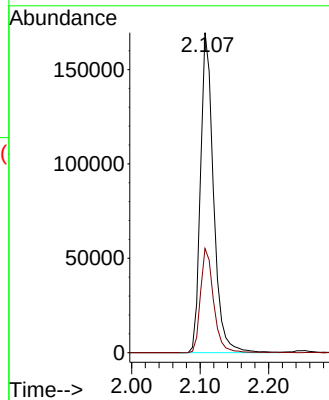
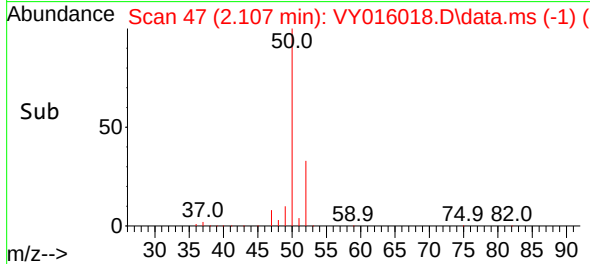
Instrument :
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VSTDICC100



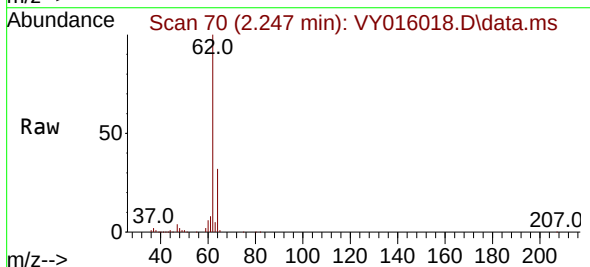
Tgt Ion: 50 Resp: 224760
Ion Ratio Lower Upper
50 100
52 32.5 25.4 38.2

Manual Integrations
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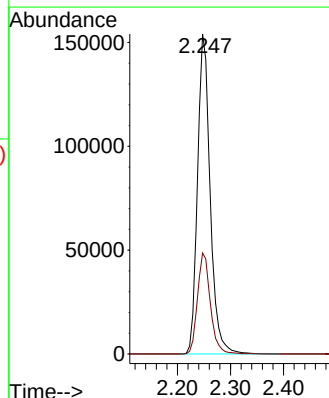
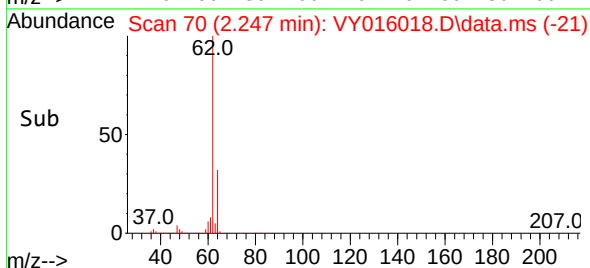
Reviewed By :John Carlone 10/19/2023
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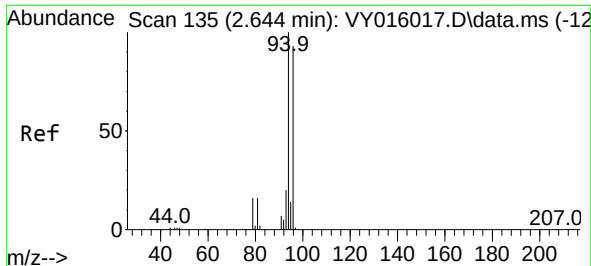


#4
Vinyl Chloride
Concen: 95.263 ug/l
RT: 2.247 min Scan# 70
Delta R.T. 0.000 min
Lab File: VY016018.D
Acq: 18 Oct 2023 13:02



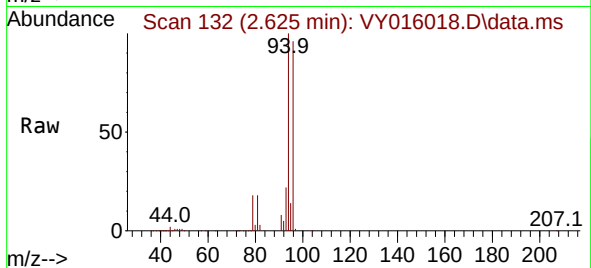
Tgt Ion: 62 Resp: 255159
Ion Ratio Lower Upper
62 100
64 31.6 24.3 36.5





#5
Bromomethane
Concen: 86.034 ug/l
RT: 2.625 min Scan# 11
Delta R.T. -0.018 min
Lab File: VY016018.D
Acq: 18 Oct 2023 13:02

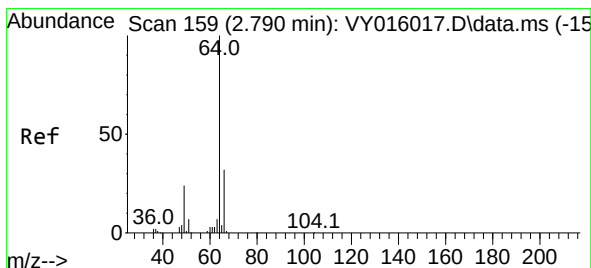
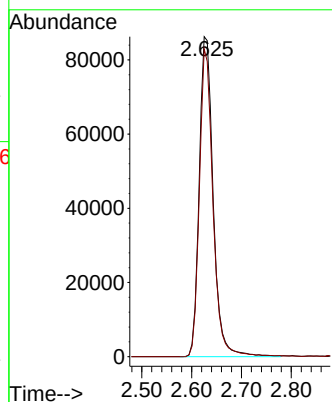
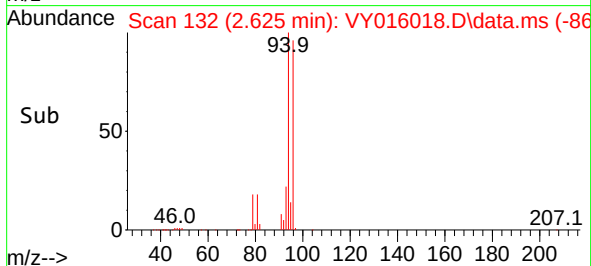
Instrument :
MSVOA_Y
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Tgt Ion: 94 Resp: 16809
Ion Ratio Lower Upper
94 100
96 96.1 75.8 113.6

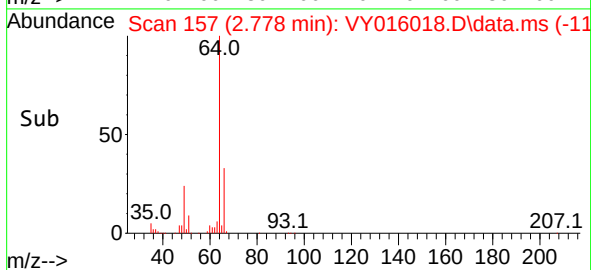
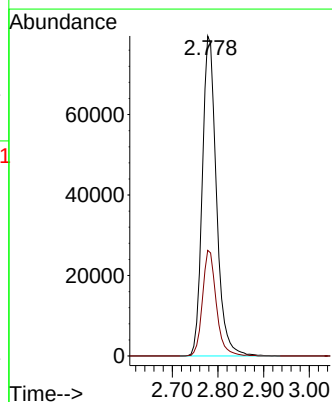
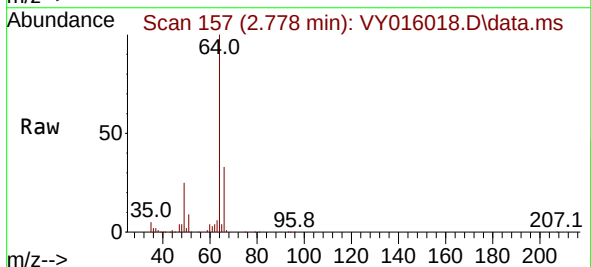
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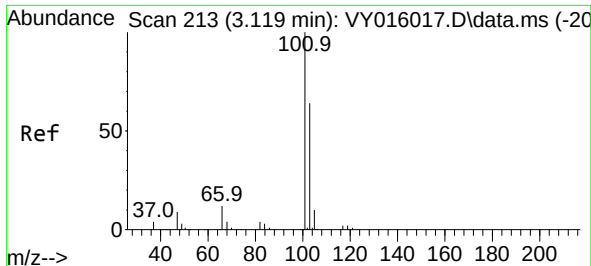
Reviewed By :John Carlone 10/19/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#6
Chloroethane
Concen: 99.063 ug/l
RT: 2.778 min Scan# 157
Delta R.T. -0.012 min
Lab File: VY016018.D
Acq: 18 Oct 2023 13:02

Tgt Ion: 64 Resp: 170620
Ion Ratio Lower Upper
64 100
66 33.0 24.4 36.6





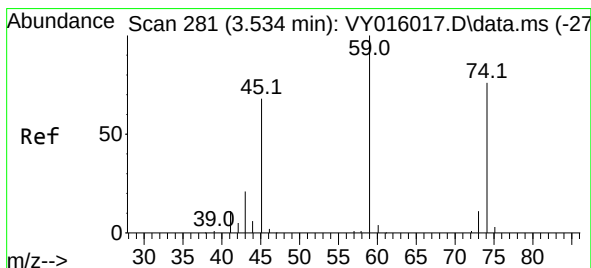
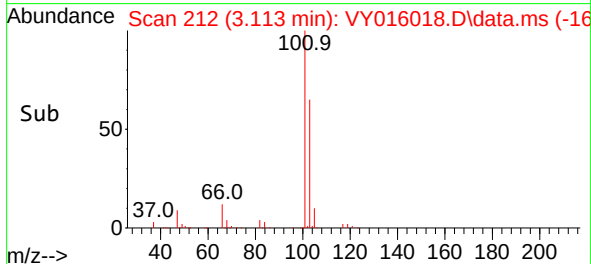
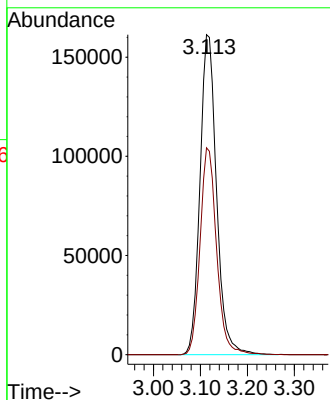
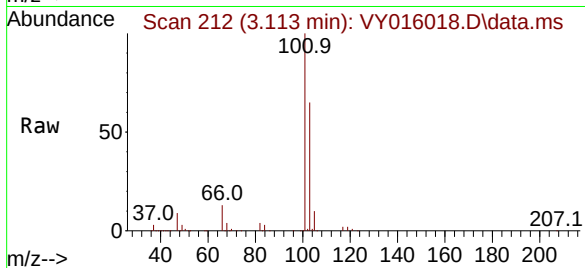
#7
Trichlorofluoromethane
Concen: 96.827 ug/l
RT: 3.113 min Scan# 213
Delta R.T. -0.006 min
Lab File: VY016018.D
Acq: 18 Oct 2023 13:02

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

Tgt Ion:101 Resp: 394680
Ion Ratio Lower Upper
101 100
103 64.7 51.4 77.0

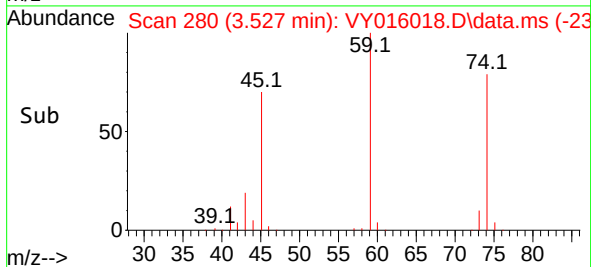
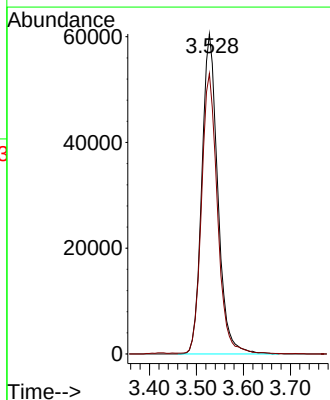
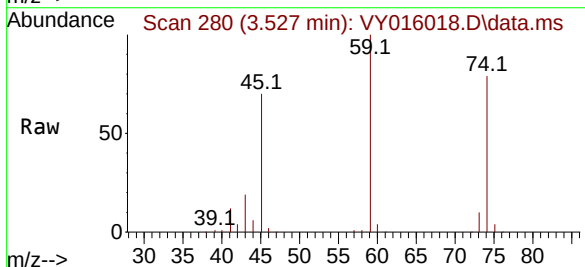
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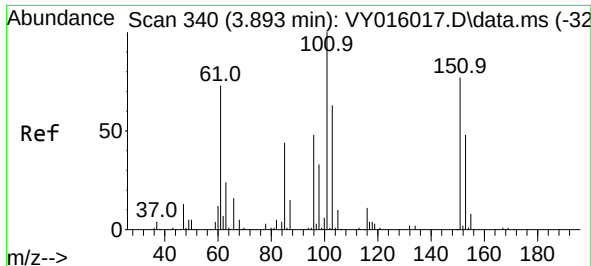
Reviewed By :John Carlone 10/19/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#8
Diethyl Ether
Concen: 98.920 ug/l
RT: 3.527 min Scan# 280
Delta R.T. -0.006 min
Lab File: VY016018.D
Acq: 18 Oct 2023 13:02

Tgt Ion: 74 Resp: 142455
Ion Ratio Lower Upper
74 100
45 87.5 51.5 154.5





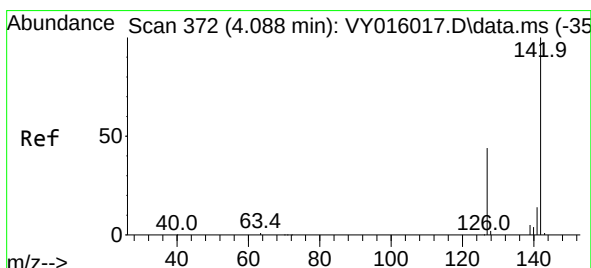
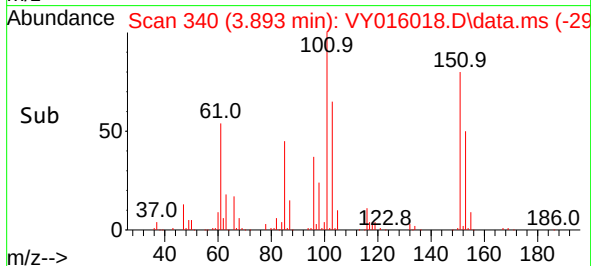
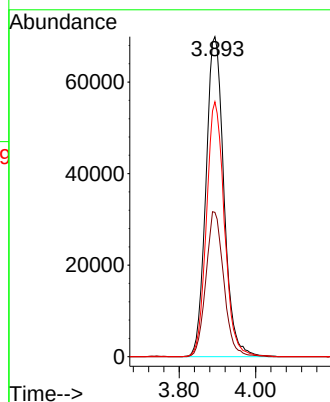
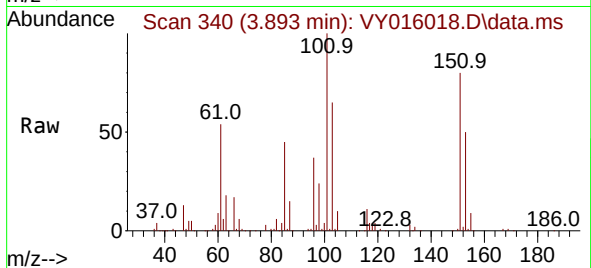
#9
1,1,2-Trichlorotrifluoroethane
Concen: 97.538 ug/l
RT: 3.893 min Scan# 340
Delta R.T. 0.000 min
Lab File: VY016018.D
Acq: 18 Oct 2023 13:02

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

Tgt Ion:101 Resp: 228704
Ion Ratio Lower Upper
101 100
85 44.9 36.6 55.0
151 79.4 67.0 100.6

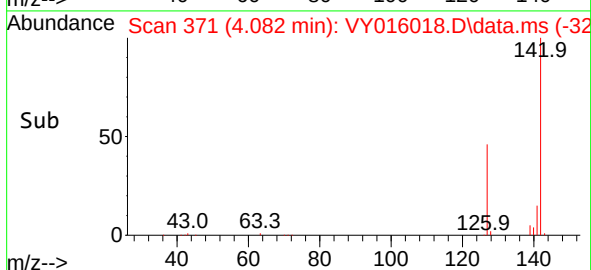
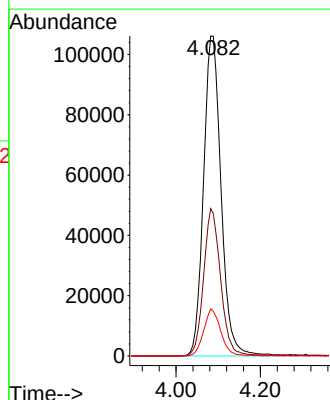
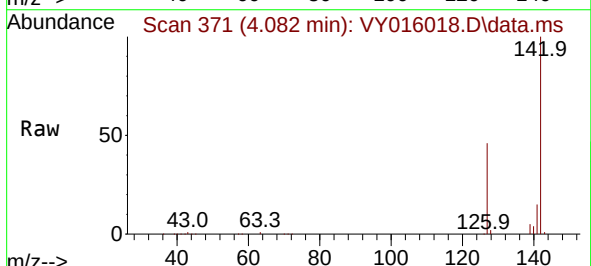
Manual Integrations
APPROVED

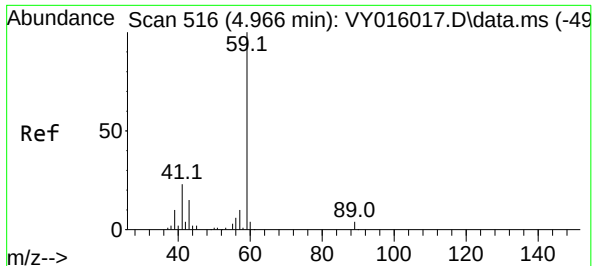
Reviewed By :John Carlone 10/19/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#10
Methyl Iodide
Concen: 100.460 ug/l
RT: 4.082 min Scan# 371
Delta R.T. -0.006 min
Lab File: VY016018.D
Acq: 18 Oct 2023 13:02

Tgt Ion:142 Resp: 307582
Ion Ratio Lower Upper
142 100
127 44.6 37.6 56.4
141 14.3 11.8 17.8





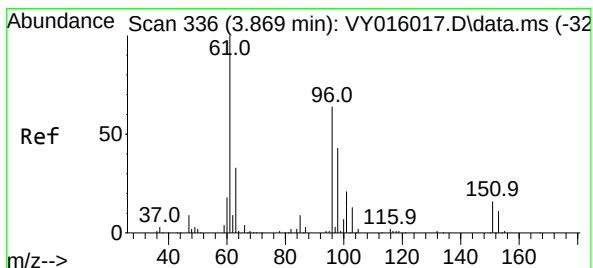
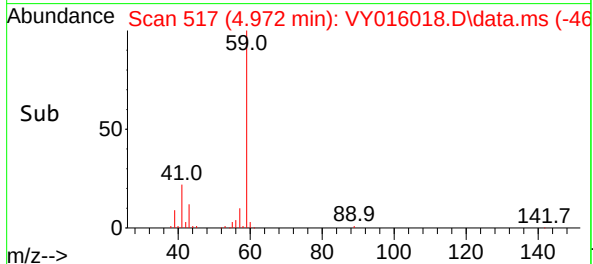
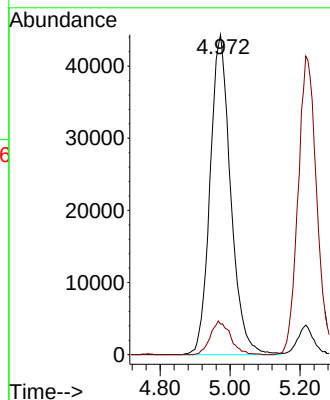
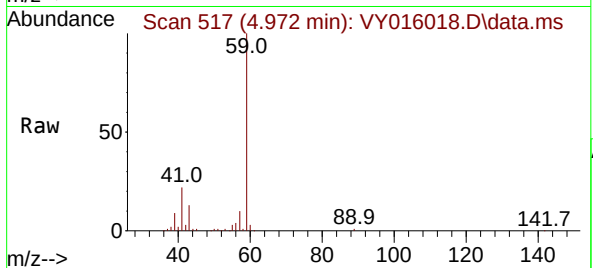
#11
Tert butyl alcohol
Concen: 452.030 ug/l
RT: 4.972 min Scan# 516
Delta R.T. 0.006 min
Lab File: VY016018.D
Acq: 18 Oct 2023 13:02

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

Tgt Ion: 59 Resp: 181370
Ion Ratio Lower Upper
59 100
57 10.3 3.0 4.4

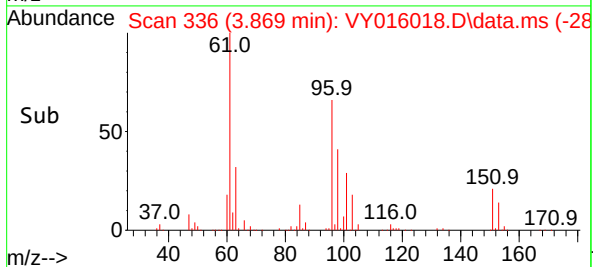
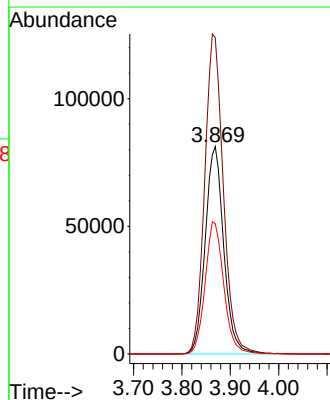
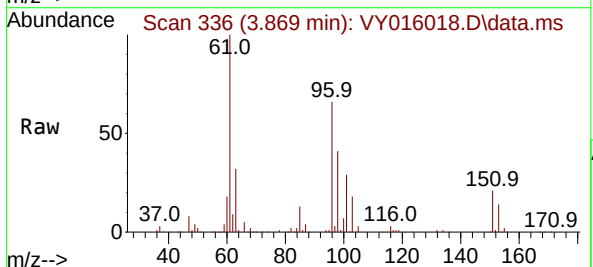
Manual Integrations
APPROVED

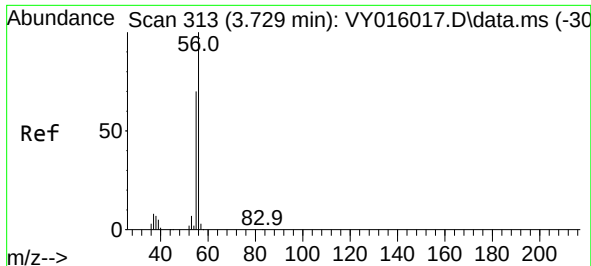
Reviewed By :John Carlone 10/19/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#12
1,1-Dichloroethene
Concen: 98.792 ug/l
RT: 3.869 min Scan# 336
Delta R.T. 0.000 min
Lab File: VY016018.D
Acq: 18 Oct 2023 13:02

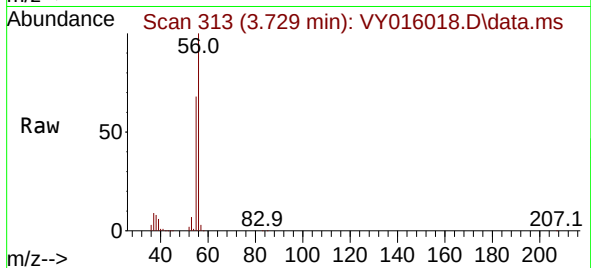
Tgt Ion: 96 Resp: 216744
Ion Ratio Lower Upper
96 100
61 152.5 136.4 204.6
98 62.9 49.4 74.2





#13
Acrolein
Concen: 493.278 ug/l
RT: 3.729 min Scan# 313
Delta R.T. -0.000 min
Lab File: VY016018.D
Acq: 18 Oct 2023 13:02

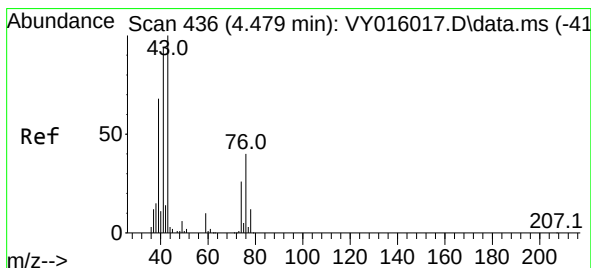
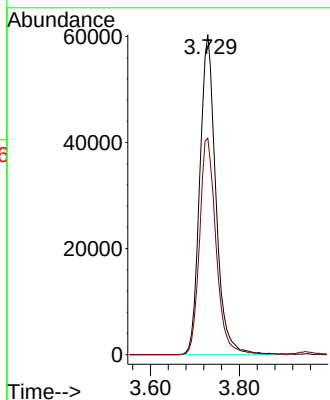
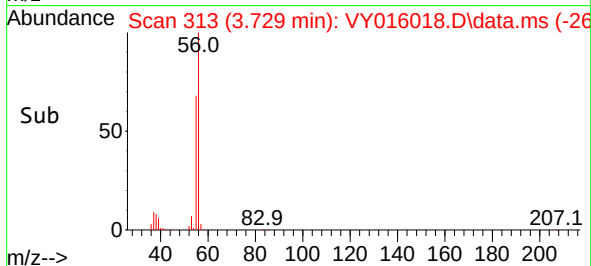
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100



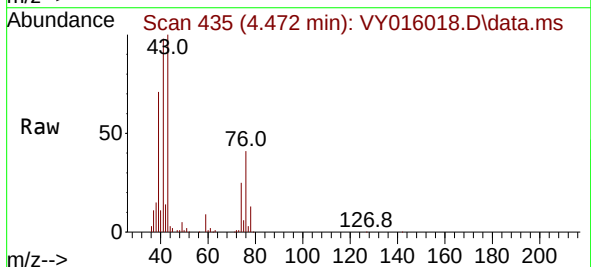
Tgt Ion: 56 Resp: 15194
Ion Ratio Lower Upper
56 100
55 69.6 57.0 85.4

Manual Integrations
APPROVED

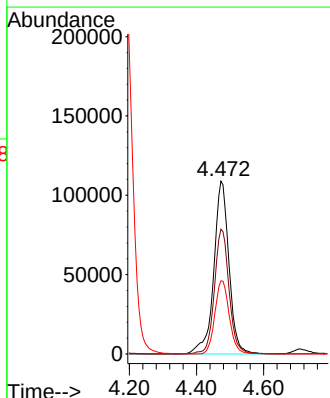
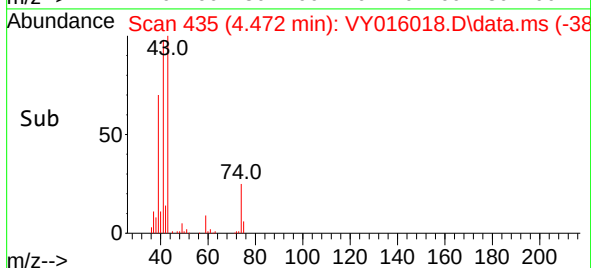
Reviewed By :John Carlone 10/19/2023
Supervised By :Semsettin Yesilyurt 10/20/2023

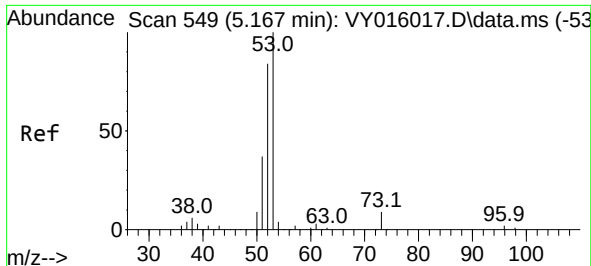


#14
Allyl chloride
Concen: 99.936 ug/l
RT: 4.472 min Scan# 435
Delta R.T. -0.006 min
Lab File: VY016018.D
Acq: 18 Oct 2023 13:02



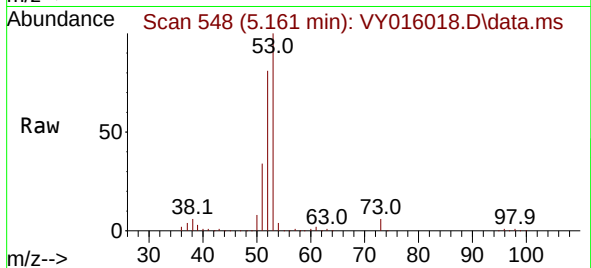
Tgt Ion: 41 Resp: 342839
Ion Ratio Lower Upper
41 100
39 69.4 58.0 87.0
76 40.1 27.4 41.2





#15
Acrylonitrile
Concen: 508.534 ug/l
RT: 5.161 min Scan# 549
Delta R.T. -0.006 min
Lab File: VY016018.D
Acq: 18 Oct 2023 13:02

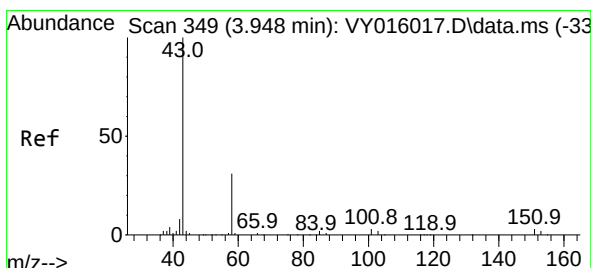
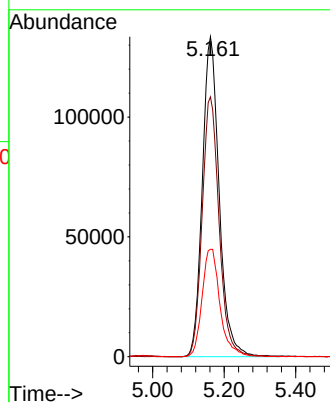
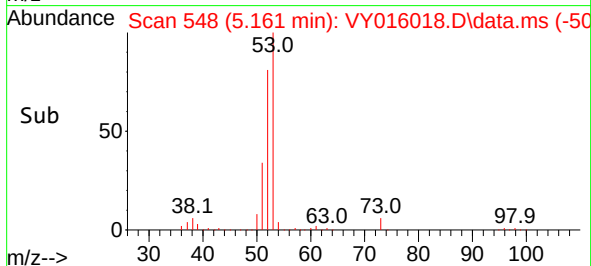
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100



Tgt Ion: 53 Resp: 436900
Ion Ratio Lower Upper
53 100
52 81.4 66.9 100.3
51 35.8 29.8 44.6

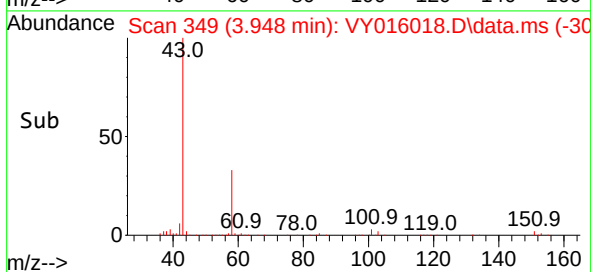
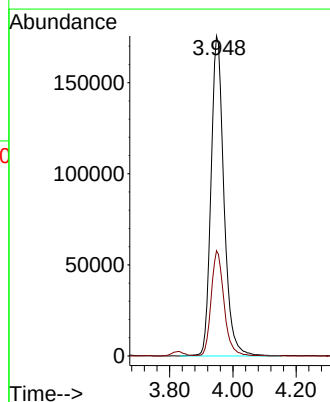
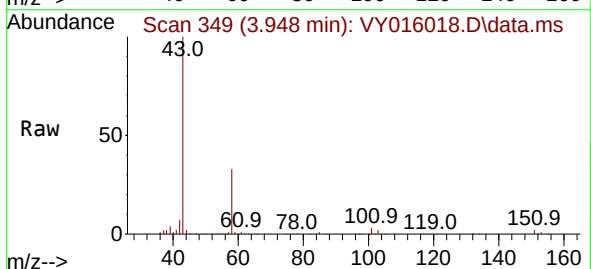
Manual Integrations
APPROVED

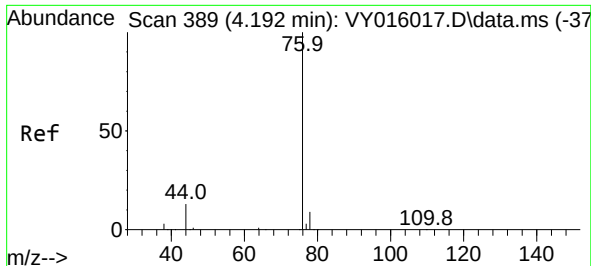
Reviewed By :John Carlone 10/19/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#16
Acetone
Concen: 519.190 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.000 min
Lab File: VY016018.D
Acq: 18 Oct 2023 13:02

Tgt Ion: 43 Resp: 500240
Ion Ratio Lower Upper
43 100
58 32.9 22.7 34.1





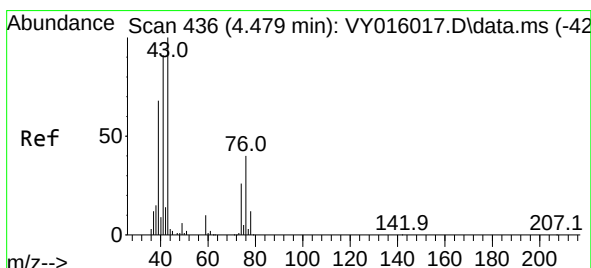
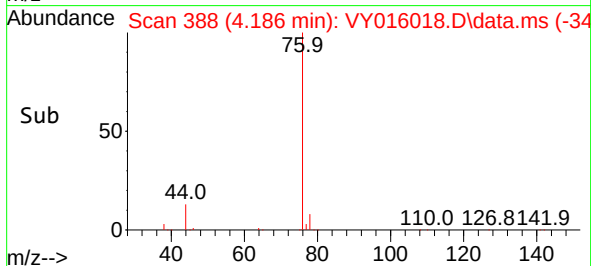
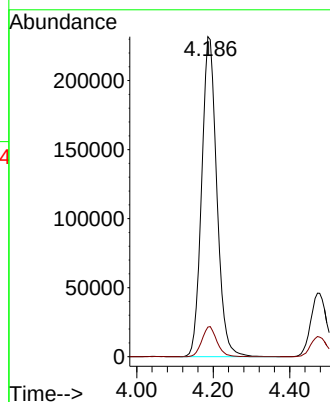
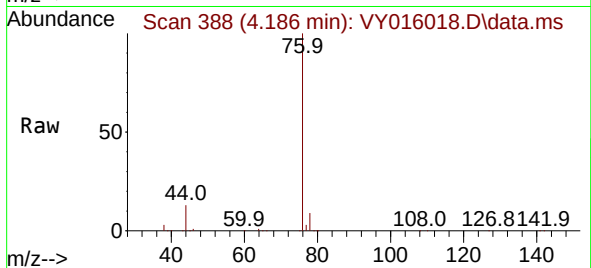
#17
Carbon Disulfide
Concen: 99.068 ug/l
RT: 4.186 min Scan# 31
Delta R.T. -0.006 min
Lab File: VY016018.D
Acq: 18 Oct 2023 13:02

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Tgt Ion: 76 Resp: 63674
Ion Ratio Lower Upper
76 100
78 9.3 7.0 10.4

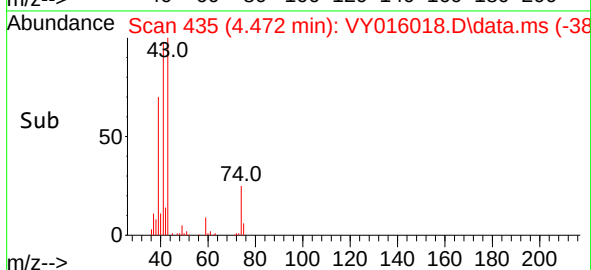
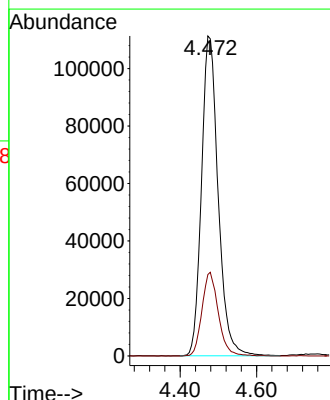
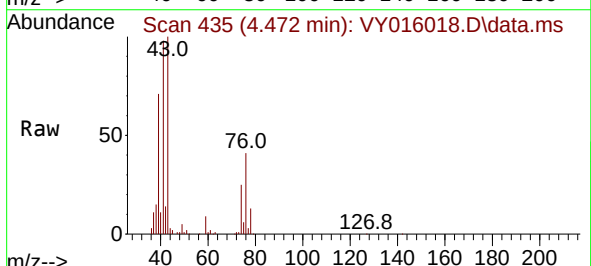
Manual Integrations
APPROVED

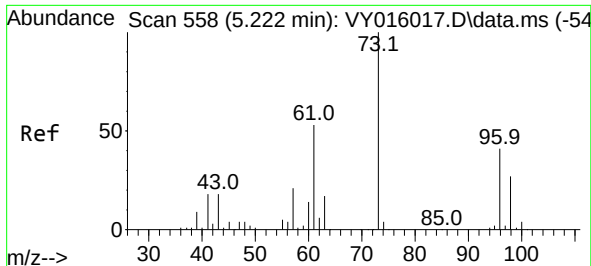
Reviewed By :John Carlone 10/19/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#18
Methyl Acetate
Concen: 101.313 ug/l
RT: 4.472 min Scan# 435
Delta R.T. -0.006 min
Lab File: VY016018.D
Acq: 18 Oct 2023 13:02

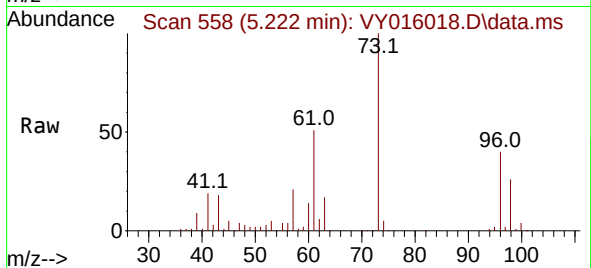
Tgt Ion: 43 Resp: 335978
Ion Ratio Lower Upper
43 100
74 25.7 17.4 26.0





#19
Methyl tert-butyl Ether
Concen: 101.546 ug/l
RT: 5.222 min Scan# 518
Delta R.T. 0.000 min
Lab File: VY016018.D
Acq: 18 Oct 2023 13:02

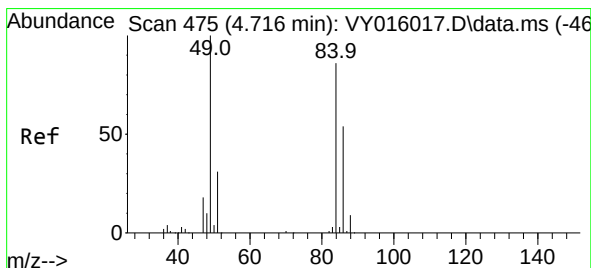
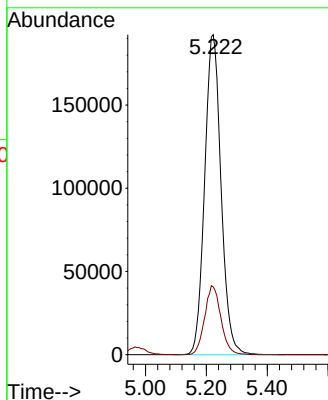
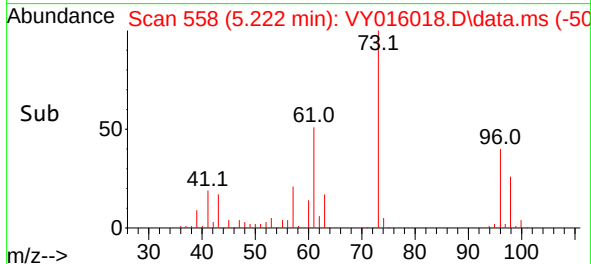
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100



Tgt Ion: 73 Resp: 718718
Ion Ratio Lower Upper
73 100
57 21.2 17.3 25.9

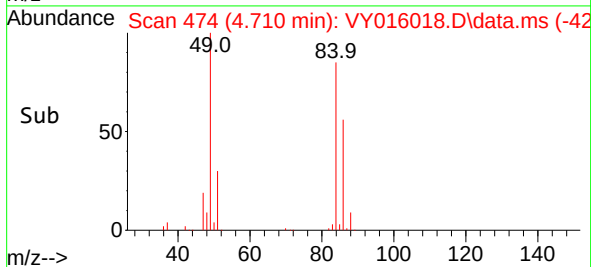
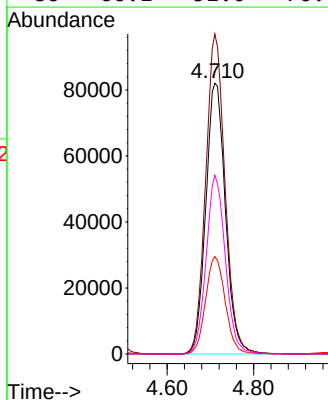
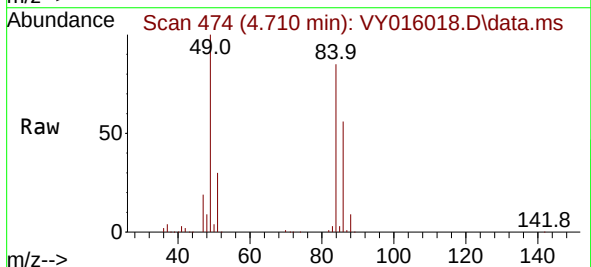
Manual Integrations
APPROVED

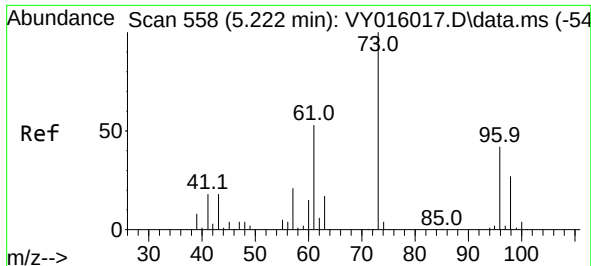
Reviewed By :John Carlone 10/19/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#20
Methylene Chloride
Concen: 90.511 ug/l
RT: 4.710 min Scan# 474
Delta R.T. -0.006 min
Lab File: VY016018.D
Acq: 18 Oct 2023 13:02

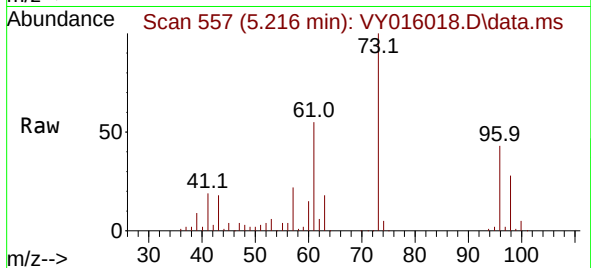
Tgt Ion: 84 Resp: 259072
Ion Ratio Lower Upper
84 100
49 118.2 106.9 160.3
51 36.0 33.2 49.8
86 66.1 51.0 76.6





#21
trans-1,2-Dichloroethene
Concen: 98.856 ug/l
RT: 5.216 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY016018.D
Acq: 18 Oct 2023 13:02

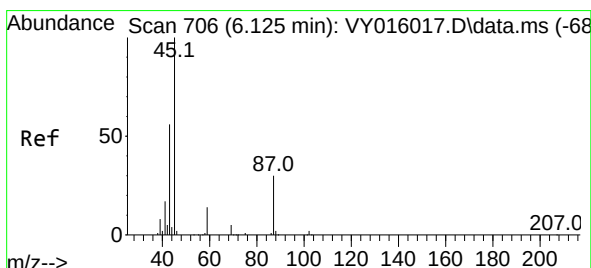
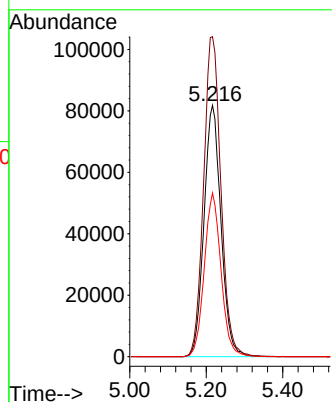
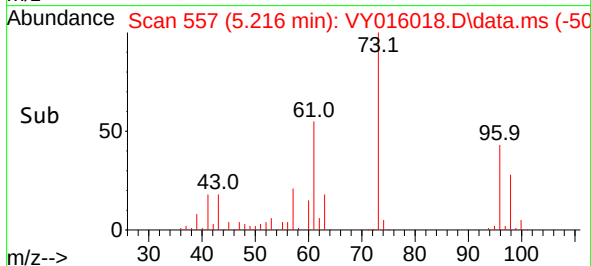
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100



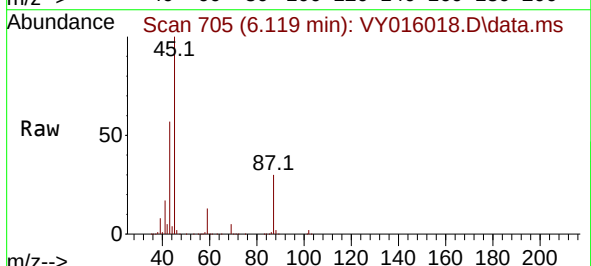
Tgt Ion: 96 Resp: 252564
Ion Ratio Lower Upper
96 100
61 127.3 110.2 165.4
98 65.1 51.8 77.6

Manual Integrations
APPROVED

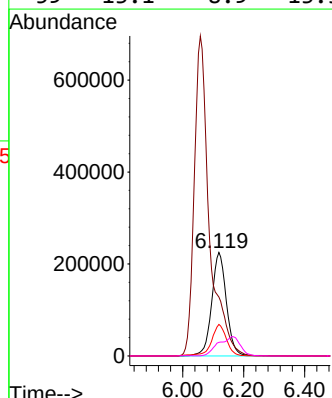
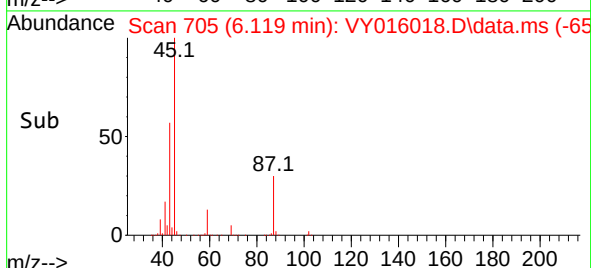
Reviewed By :John Carlone 10/19/2023
Supervised By :Semsettin Yesilyurt 10/20/2023

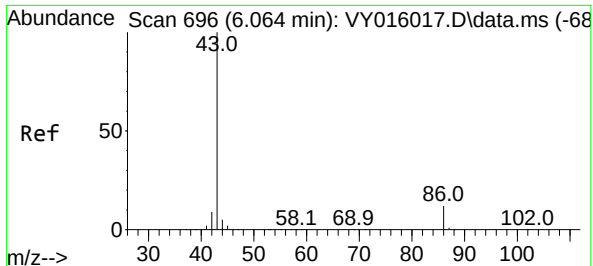


#22
Diisopropyl ether
Concen: 100.503 ug/l
RT: 6.119 min Scan# 705
Delta R.T. -0.006 min
Lab File: VY016018.D
Acq: 18 Oct 2023 13:02



Tgt Ion: 45 Resp: 750752
Ion Ratio Lower Upper
45 100
43 56.8 52.2 78.4
87 30.4 21.0 31.6
59 13.1 8.9 13.3





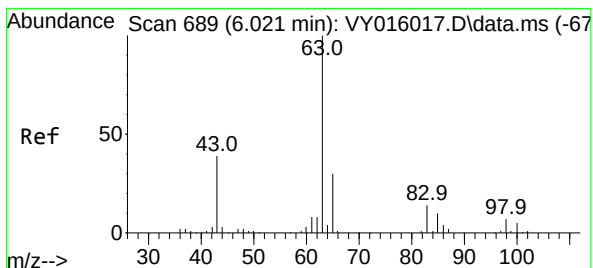
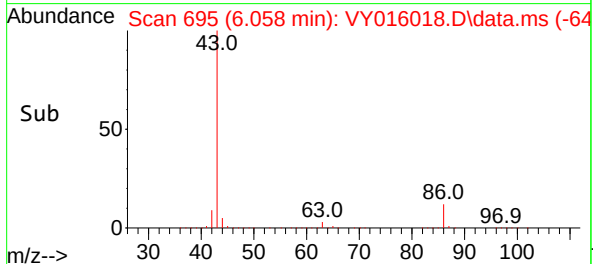
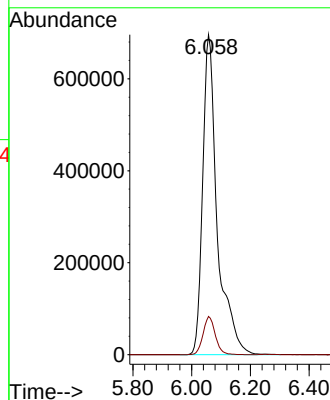
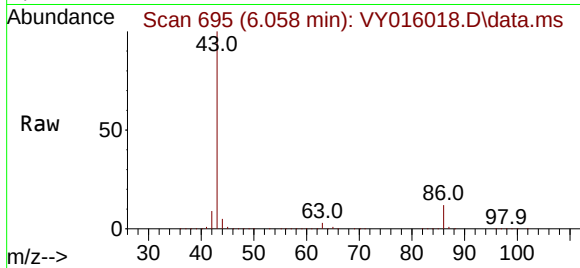
#23
 Vinyl Acetate
 Concen: 516.905 ug/l
 RT: 6.058 min Scan# 695
 Delta R.T. -0.006 min
 Lab File: VY016018.D
 Acq: 18 Oct 2023 13:02

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC100

Tgt Ion: 43 Resp: 239518
 Ion Ratio Lower Upper
 43 100
 86 11.9 7.5 11.3

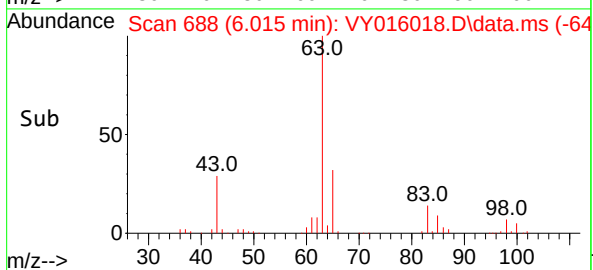
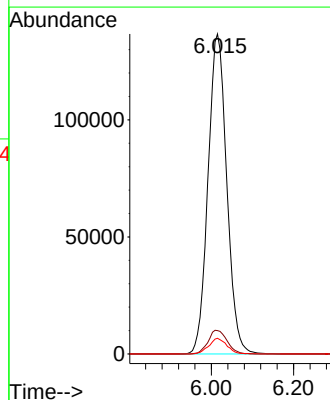
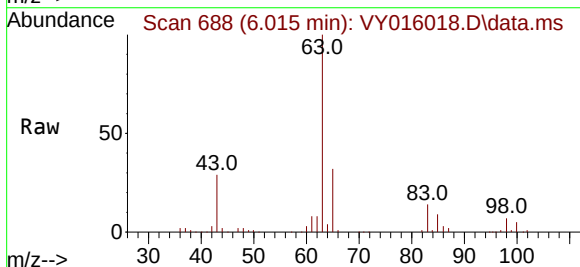
Manual Integrations
 APPROVED

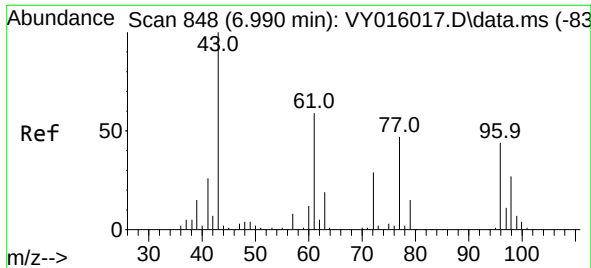
Reviewed By :John Carlone 10/19/2023
 Supervised By :Semsettin Yesilyurt 10/20/2023



#24
 1,1-Dichloroethane
 Concen: 97.541 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. -0.006 min
 Lab File: VY016018.D
 Acq: 18 Oct 2023 13:02

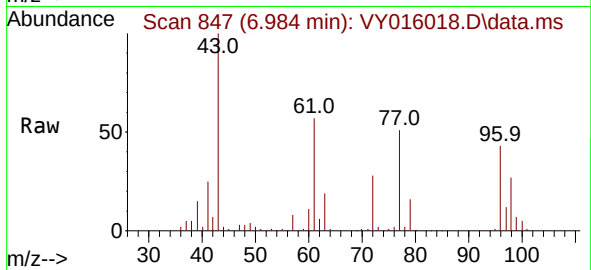
Tgt Ion: 63 Resp: 432261
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.1 9.4
 100 4.9 1.8 5.5





#25
2-Butanone
Concen: 513.243 ug/l
RT: 6.984 min Scan# 847
Delta R.T. -0.006 min
Lab File: VY016018.D
Acq: 18 Oct 2023 13:02

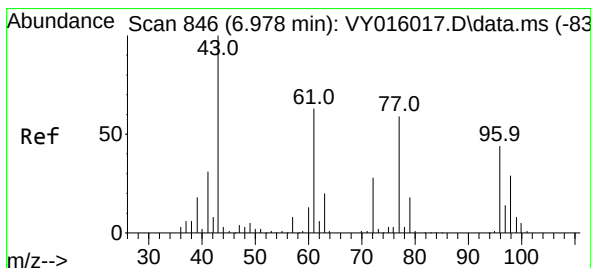
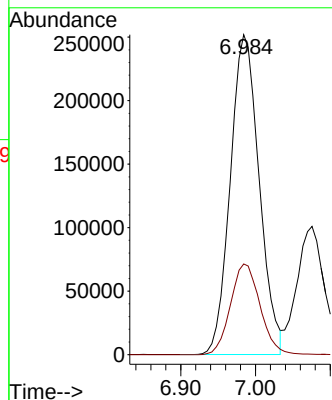
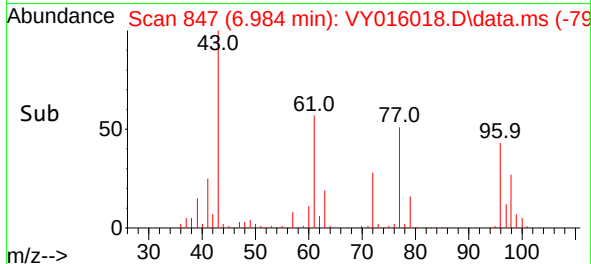
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100



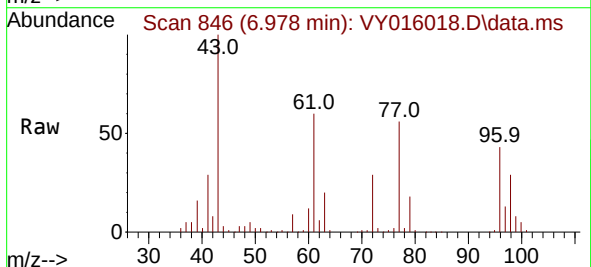
Tgt Ion: 43 Resp: 677348
Ion Ratio Lower Upper
43 100
72 28.4 20.5 30.7

Manual Integrations
APPROVED

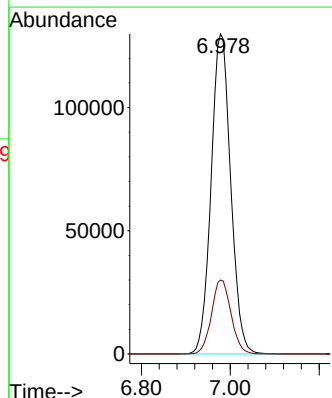
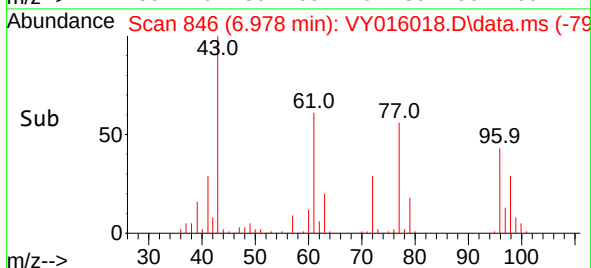
Reviewed By :John Carlone 10/19/2023
Supervised By :Semsettin Yesilyurt 10/20/2023

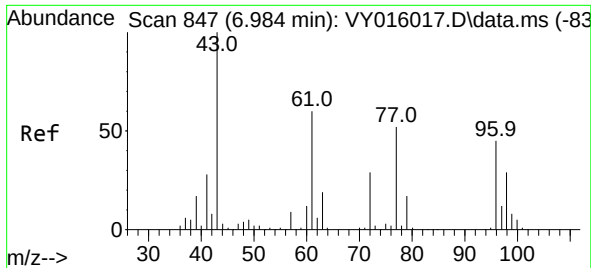


#26
2,2-Dichloropropane
Concen: 99.517 ug/l
RT: 6.978 min Scan# 846
Delta R.T. 0.000 min
Lab File: VY016018.D
Acq: 18 Oct 2023 13:02



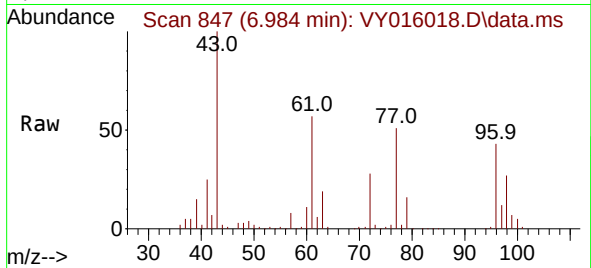
Tgt Ion: 77 Resp: 396799
Ion Ratio Lower Upper
77 100
97 23.0 10.9 32.9





#27
 cis-1,2-Dichloroethene
 Concen: 98.175 ug/l
 RT: 6.984 min Scan# 847
 Delta R.T. 0.000 min
 Lab File: VY016018.D
 Acq: 18 Oct 2023 13:02

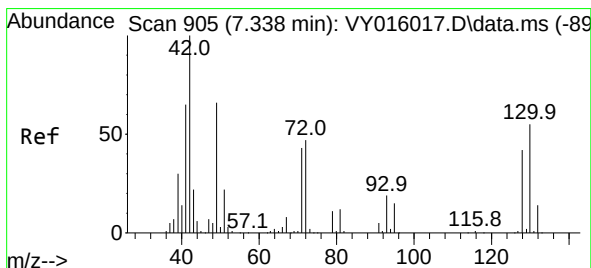
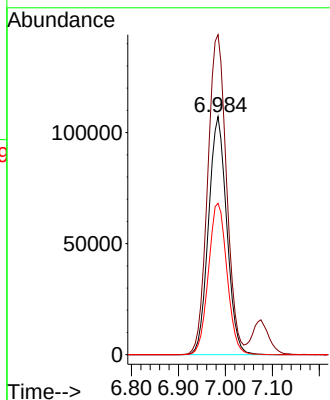
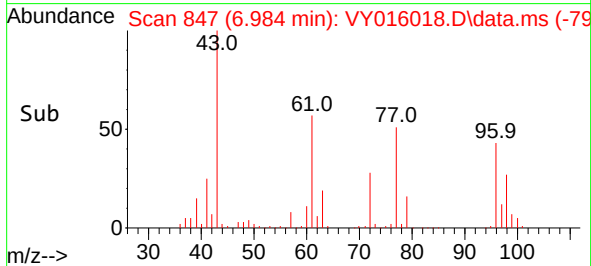
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC100



Tgt Ion: 96 Resp: 28886
 Ion Ratio Lower Upper
 96 100
 61 138.8 0.0 301.4
 98 64.8 0.0 130.4

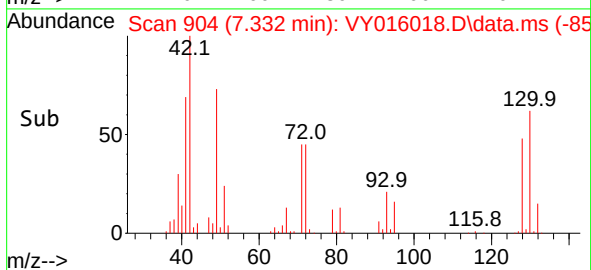
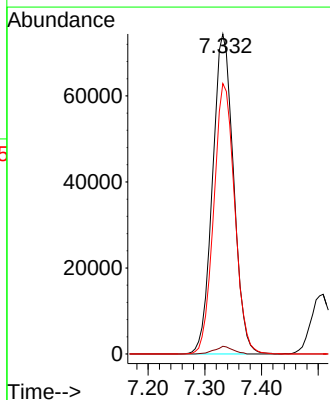
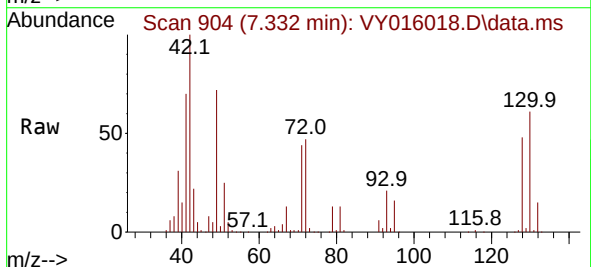
Manual Integrations
 APPROVED

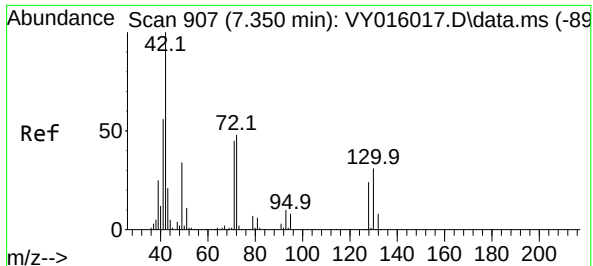
Reviewed By :John Carlone 10/19/2023
 Supervised By :Semsettin Yesilyurt 10/20/2023



#28
 Bromochloromethane
 Concen: 100.817 ug/l
 RT: 7.332 min Scan# 904
 Delta R.T. -0.006 min
 Lab File: VY016018.D
 Acq: 18 Oct 2023 13:02

Tgt Ion: 49 Resp: 191076
 Ion Ratio Lower Upper
 49 100
 129 2.1 0.0 4.6
 130 84.2 60.7 91.1





#29

Tetrahydrofuran

Concen: 514.840 ug/l

RT: 7.350 min Scan# 907

Delta R.T. 0.000 min

Lab File: VY016018.D

Acq: 18 Oct 2023 13:02

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

Tgt Ion: 42 Resp: 411274

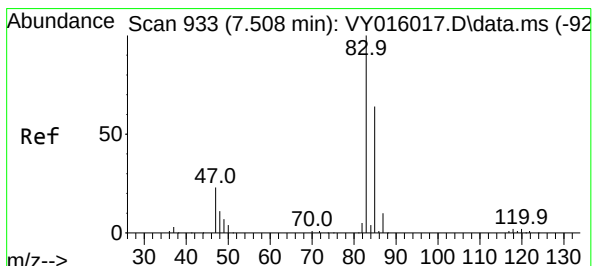
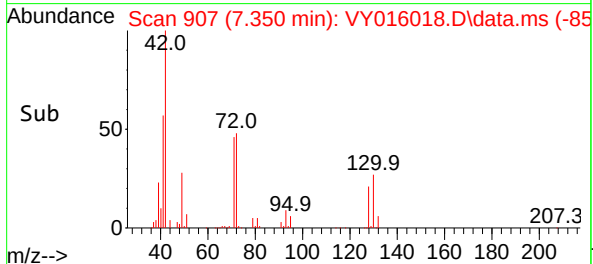
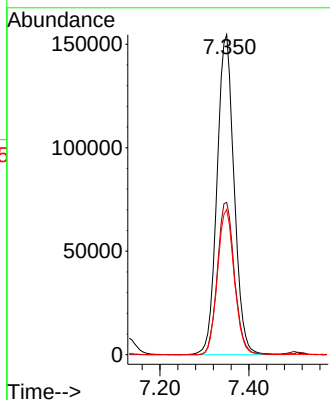
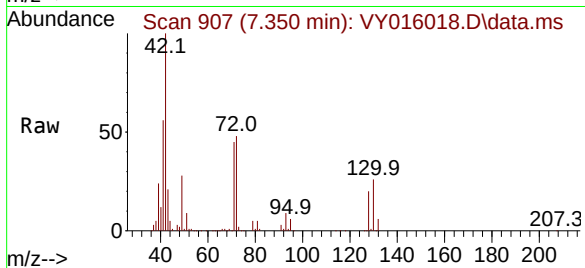
Ion	Ratio	Lower	Upper
42	100		
72	47.7	32.8	49.2
71	44.9	31.0	46.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/19/2023

Supervised By :Semsettin Yesilyurt 10/20/2023



#30

Chloroform

Concen: 96.445 ug/l

RT: 7.502 min Scan# 932

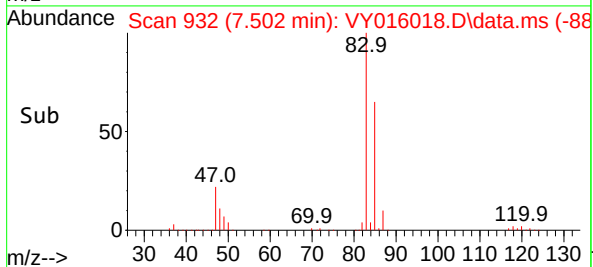
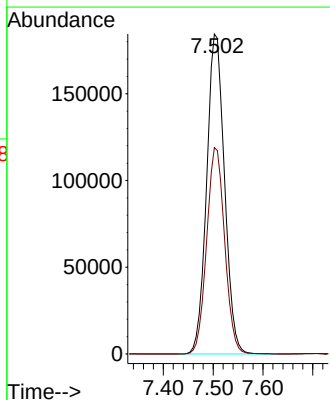
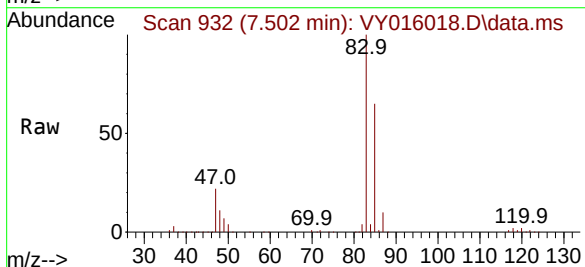
Delta R.T. -0.006 min

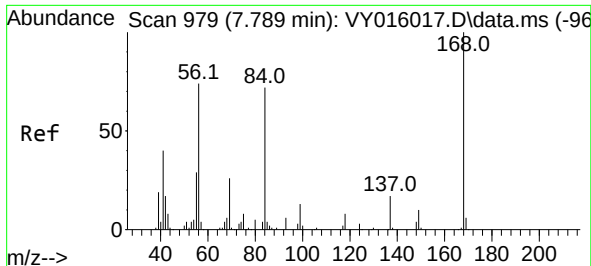
Lab File: VY016018.D

Acq: 18 Oct 2023 13:02

Tgt Ion: 83 Resp: 458266

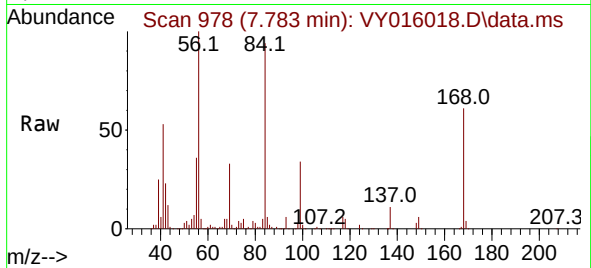
Ion	Ratio	Lower	Upper
83	100		
85	64.5	49.7	74.5





#31
Cyclohexane
Concen: 95.394 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY016018.D
Acq: 18 Oct 2023 13:02

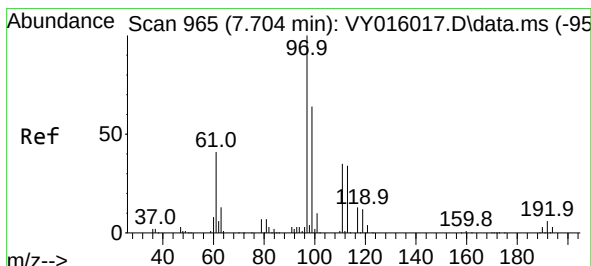
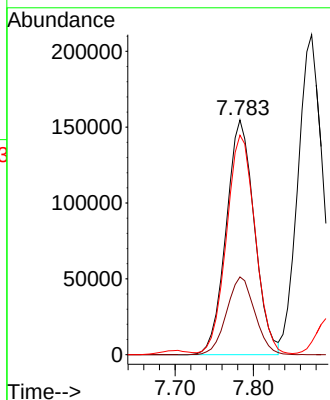
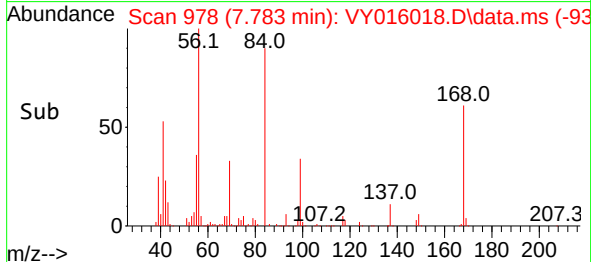
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100



Tgt Ion: 56 Resp: 388090
Ion Ratio Lower Upper
56 100
69 33.1 27.8 41.6
84 91.7 66.4 99.6

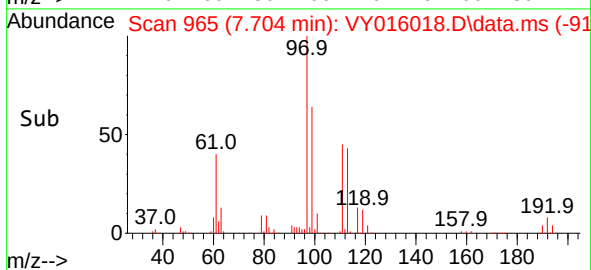
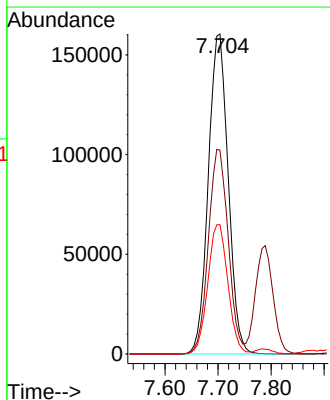
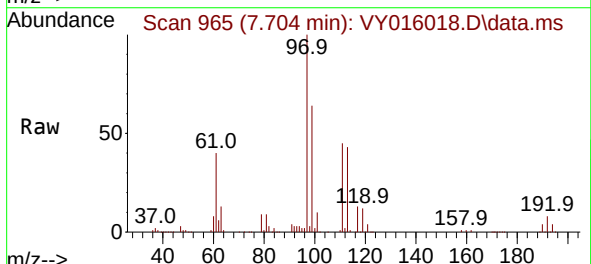
Manual Integrations
APPROVED

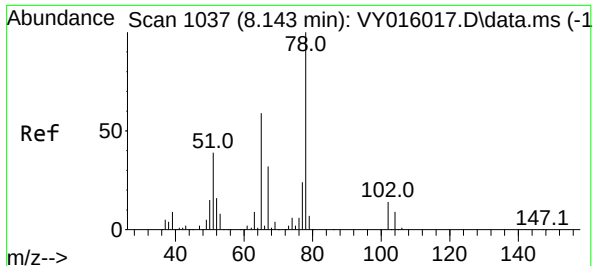
Reviewed By :John Carlone 10/19/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#32
1,1,1-Trichloroethane
Concen: 98.190 ug/l
RT: 7.704 min Scan# 965
Delta R.T. 0.000 min
Lab File: VY016018.D
Acq: 18 Oct 2023 13:02

Tgt Ion: 97 Resp: 417450
Ion Ratio Lower Upper
97 100
99 63.8 50.8 76.2
61 41.1 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 93.142 ug/l

RT: 8.143 min Scan# 1037

Delta R.T. 0.000 min

Lab File: VY016018.D

Acq: 18 Oct 2023 13:02

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

Tgt Ion: 65 Resp: 24209

Ion Ratio Lower Upper

65 100

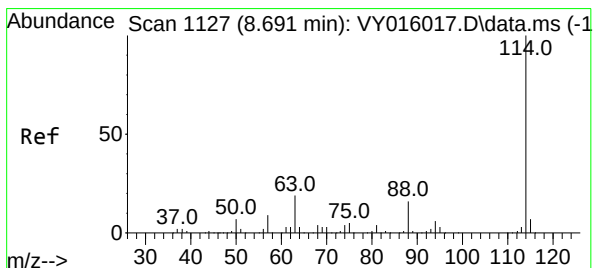
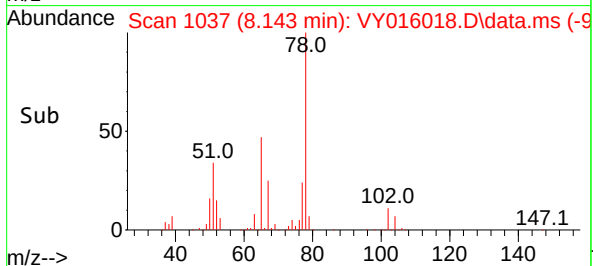
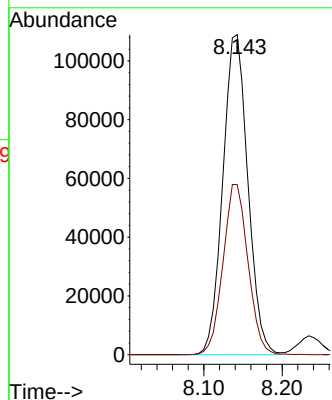
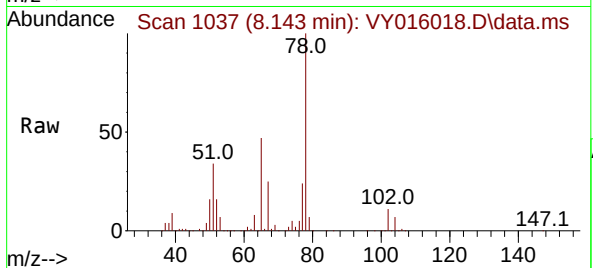
67 53.1 0.0 101.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/19/2023

Supervised By :Semsettin Yesilyurt 10/20/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY016018.D

Acq: 18 Oct 2023 13:02

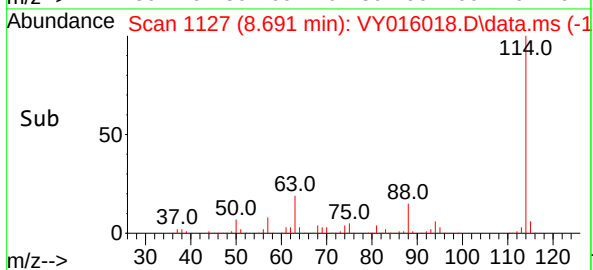
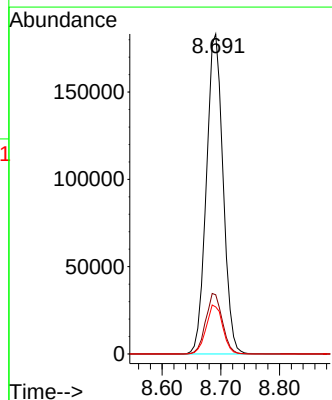
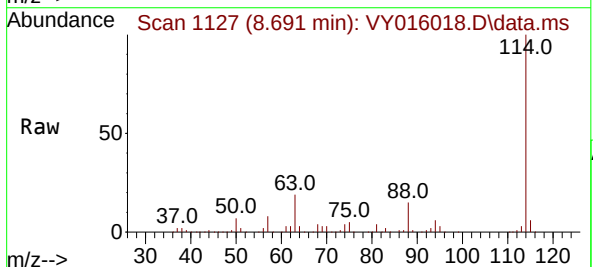
Tgt Ion:114 Resp: 361193

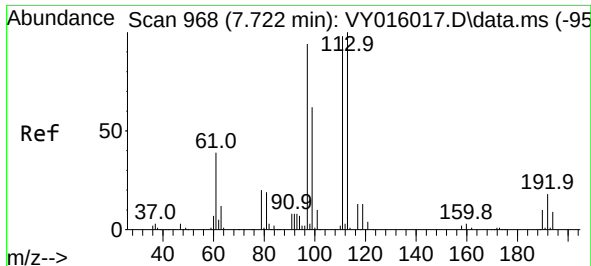
Ion Ratio Lower Upper

114 100

63 18.5 0.0 42.4

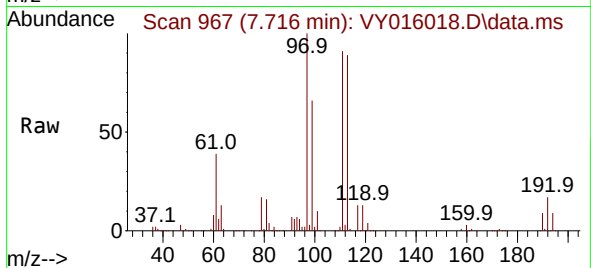
88 14.7 0.0 30.6





#35
Dibromofluoromethane
Concen: 95.976 ug/l
RT: 7.716 min Scan# 90
Delta R.T. -0.006 min
Lab File: VY016018.D
Acq: 18 Oct 2023 13:02

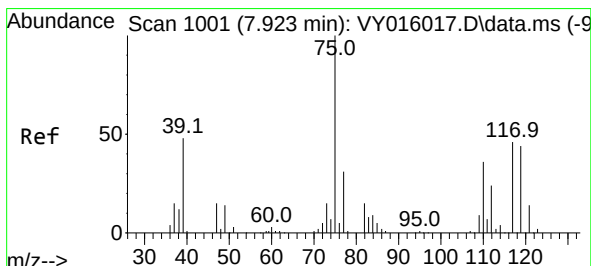
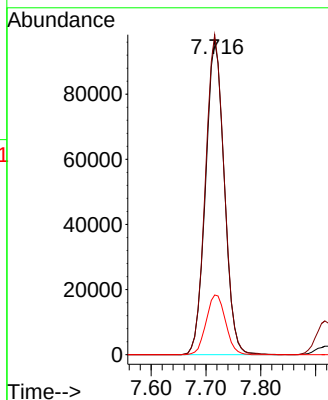
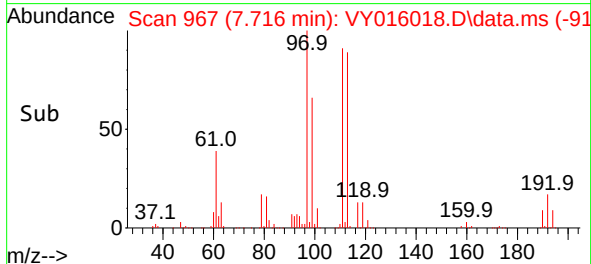
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100



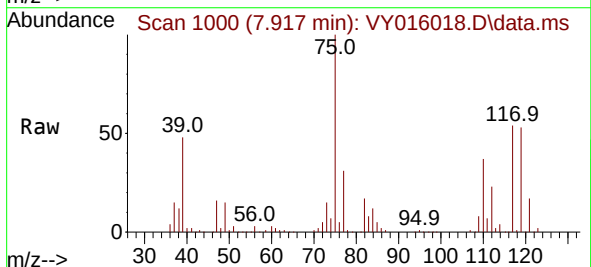
Tgt Ion:113 Resp: 22817
Ion Ratio Lower Upper
113 100
111 102.0 81.3 121.9
192 19.6 16.9 25.3

Manual Integrations
APPROVED

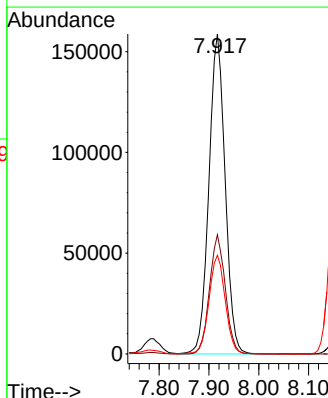
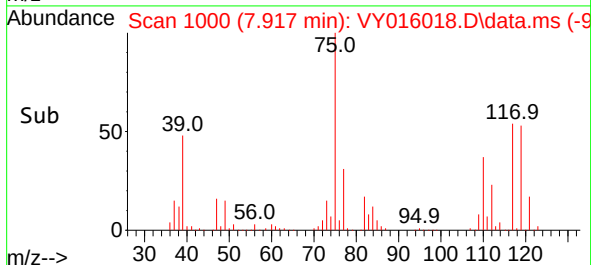
Reviewed By :John Carlone 10/19/2023
Supervised By :Semsettin Yesilyurt 10/20/2023

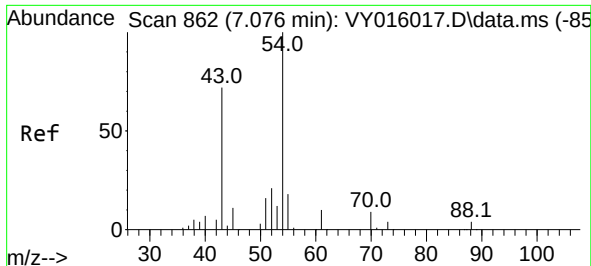


#36
1,1-Dichloropropene
Concen: 100.076 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. -0.006 min
Lab File: VY016018.D
Acq: 18 Oct 2023 13:02



Tgt Ion: 75 Resp: 357953
Ion Ratio Lower Upper
75 100
110 36.3 17.8 53.5
77 31.0 24.4 36.6





#37

Ethyl Acetate

Concen: 104.142 ug/l

RT: 7.076 min Scan# 80

Delta R.T. 0.000 min

Lab File: VY016018.D

Acq: 18 Oct 2023 13:02

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC100

Tgt Ion: 43 Resp: 268500

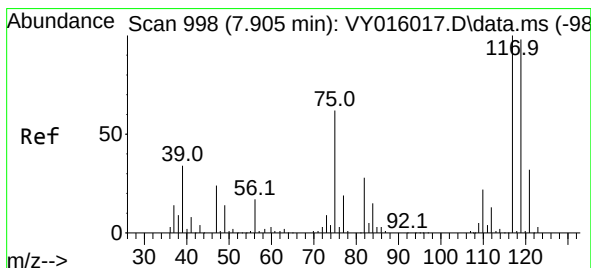
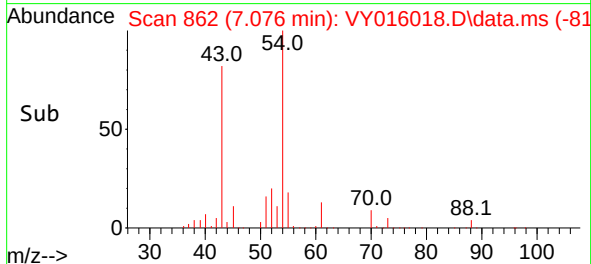
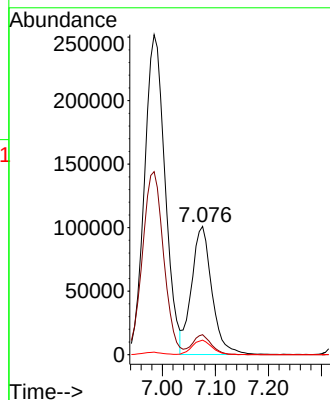
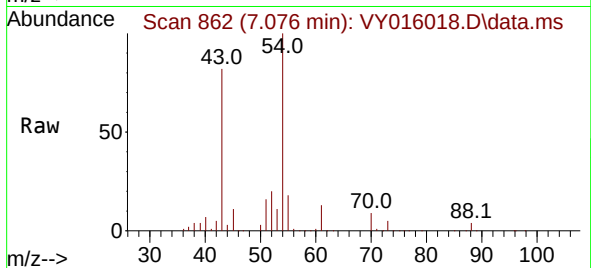
Ion	Ratio	Lower	Upper
43	100		
61	14.5	10.1	15.1
70	11.1	7.1	10.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/19/2023

Supervised By :Semsettin Yesilyurt 10/20/2023



#38

Carbon Tetrachloride

Concen: 100.097 ug/l

RT: 7.899 min Scan# 997

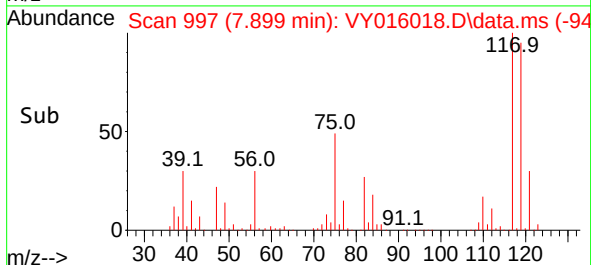
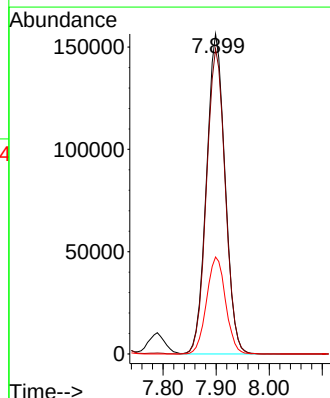
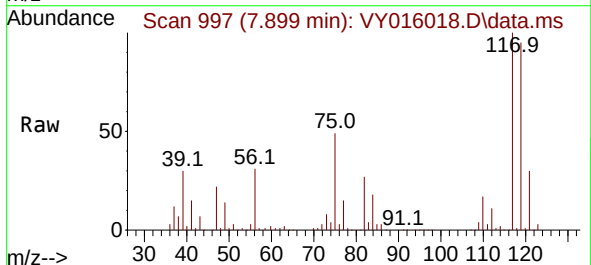
Delta R.T. -0.006 min

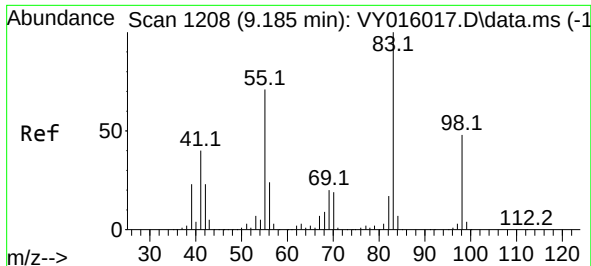
Lab File: VY016018.D

Acq: 18 Oct 2023 13:02

Tgt Ion:117 Resp: 380533

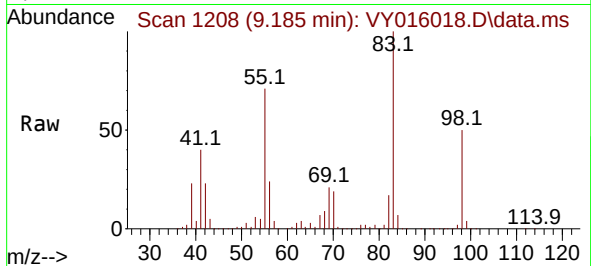
Ion	Ratio	Lower	Upper
117	100		
119	95.3	76.4	114.6
121	30.3	25.8	38.6





#39
Methylcyclohexane
Concen: 102.542 ug/l
RT: 9.185 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY016018.D
Acq: 18 Oct 2023 13:02

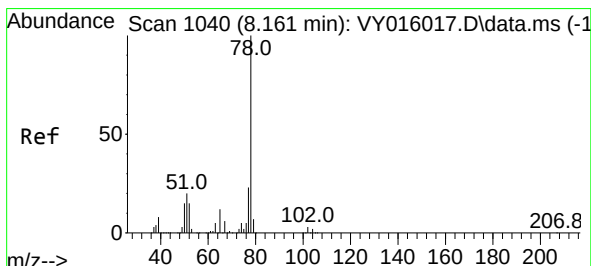
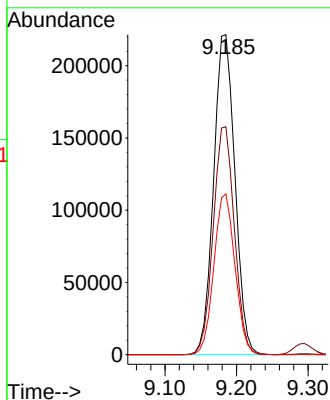
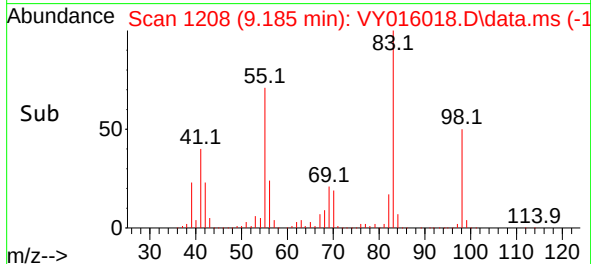
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100



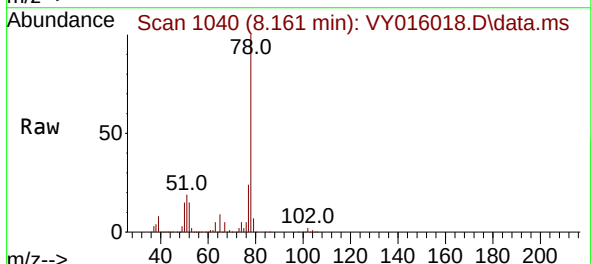
Tgt Ion: 83 Resp: 45836
Ion Ratio Lower Upper
83 100
55 71.2 63.0 94.4
98 50.2 37.4 56.2

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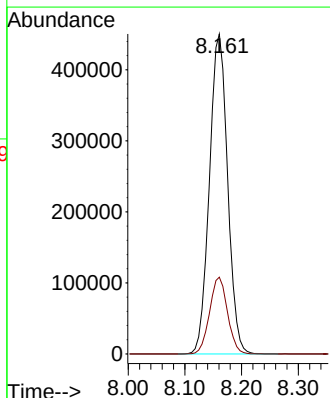
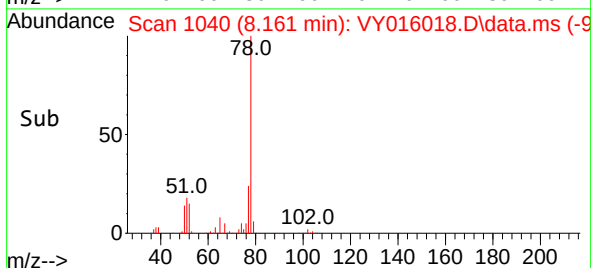
Reviewed By :John Carlone 10/19/2023
Supervised By :Semsettin Yesilyurt 10/20/2023

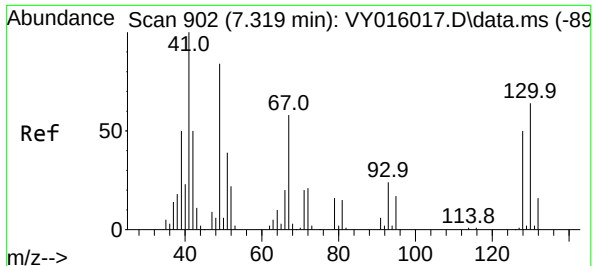


#40
Benzene
Concen: 99.426 ug/l
RT: 8.161 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY016018.D
Acq: 18 Oct 2023 13:02



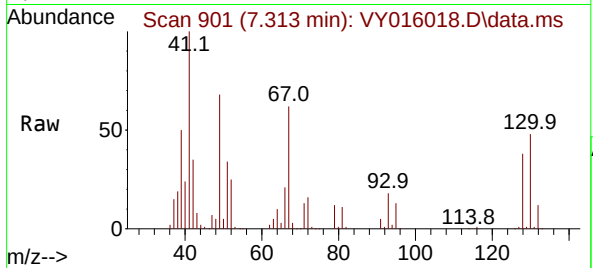
Tgt Ion: 78 Resp: 1002312
Ion Ratio Lower Upper
78 100
77 24.0 19.0 28.6





#41
Methacrylonitrile
Concen: 102.285 ug/l m
RT: 7.313 min Scan# 901
Delta R.T. -0.006 min
Lab File: VY016018.D
Acq: 18 Oct 2023 13:02

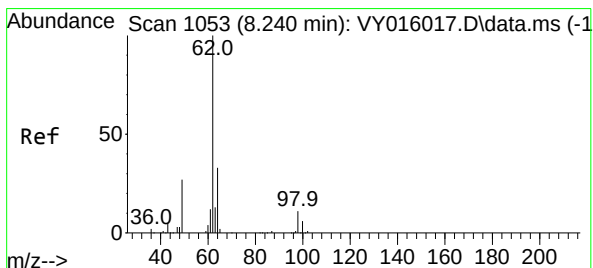
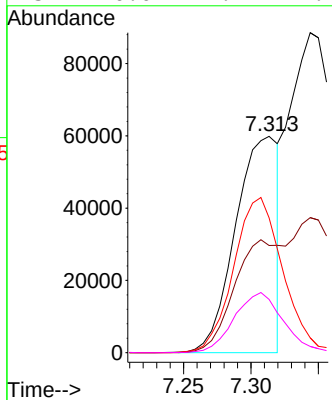
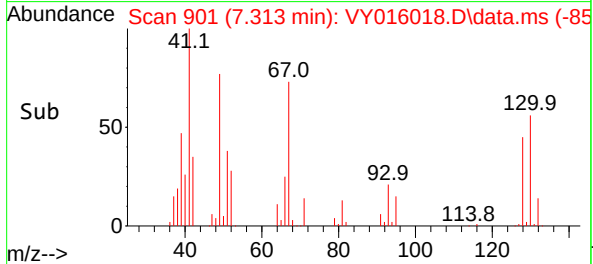
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100



Tgt Ion: 41 Resp: 13278
Ion Ratio Lower Upper
41 100
39 0.0 52.1 78.1
67 0.0 66.2 99.2
52 0.0 29.9 44.9

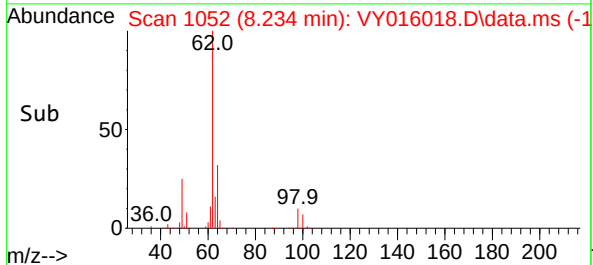
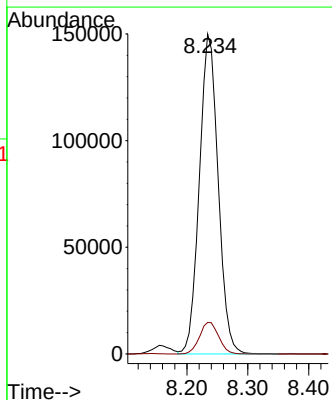
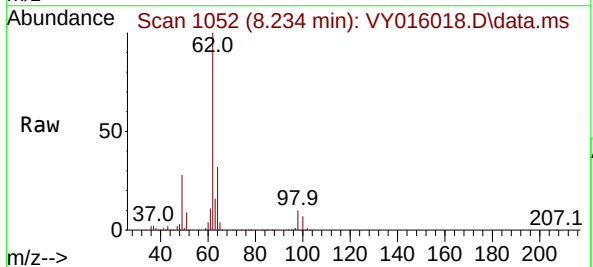
Manual Integrations
APPROVED

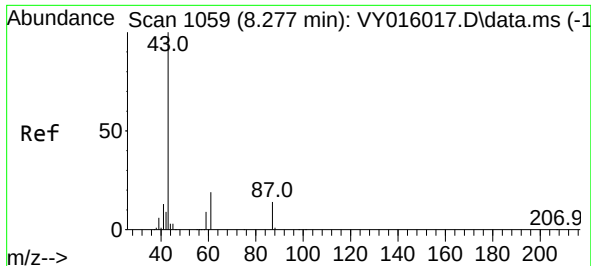
Reviewed By :John Carlone 10/19/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#42
1,2-Dichloroethane
Concen: 99.019 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. -0.006 min
Lab File: VY016018.D
Acq: 18 Oct 2023 13:02

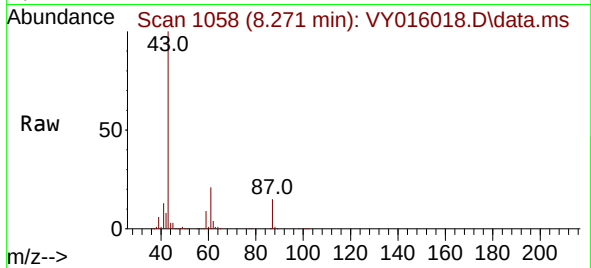
Tgt Ion: 62 Resp: 321541
Ion Ratio Lower Upper
62 100
98 10.1 0.0 15.8





#43
Isopropyl Acetate
Concen: 105.287 ug/l
RT: 8.271 min Scan# 1058
Delta R.T. -0.006 min
Lab File: VY016018.D
Acq: 18 Oct 2023 13:02

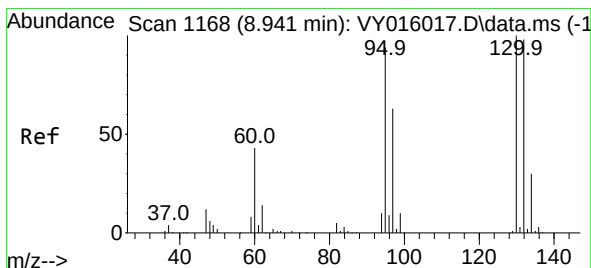
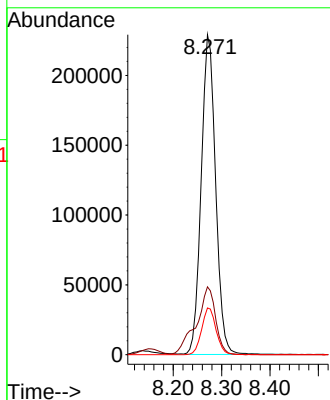
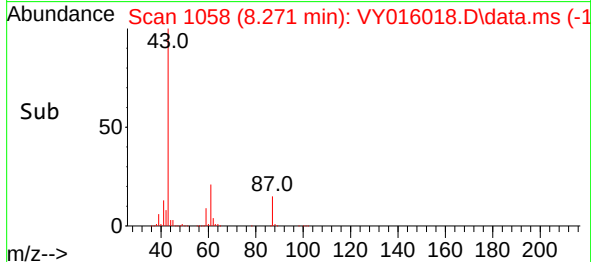
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100



Tgt Ion: 43 Resp: 47460
Ion Ratio Lower Upper
43 100
61 28.3 21.1 31.7
87 14.6 9.8 14.8

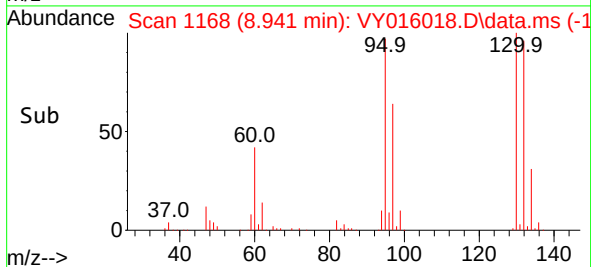
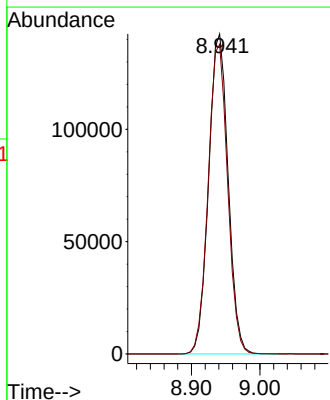
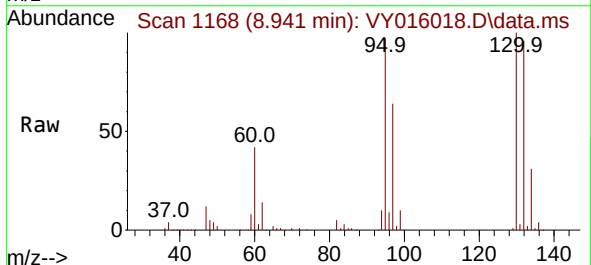
Manual Integrations
APPROVED

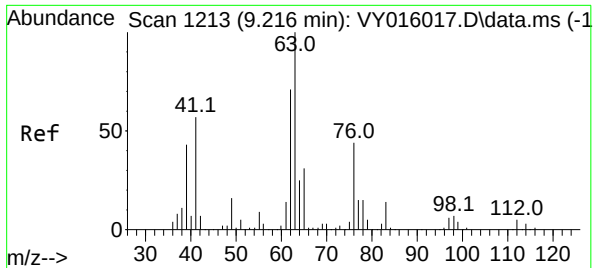
Reviewed By :John Carlone 10/19/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#44
Trichloroethene
Concen: 99.358 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. 0.000 min
Lab File: VY016018.D
Acq: 18 Oct 2023 13:02

Tgt Ion:130 Resp: 280841
Ion Ratio Lower Upper
130 100
95 96.8 0.0 196.0





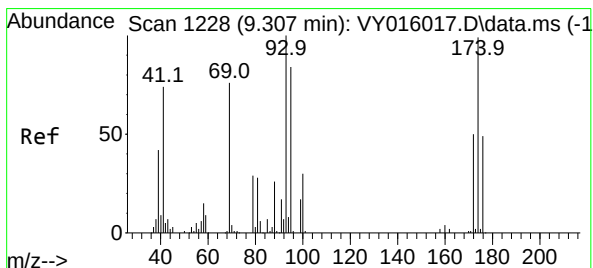
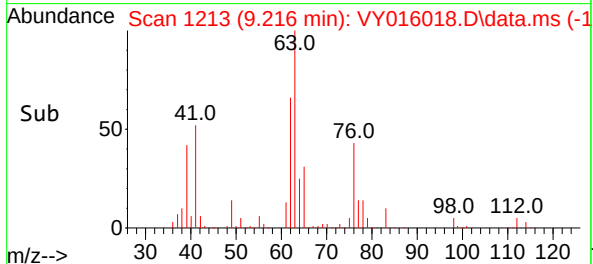
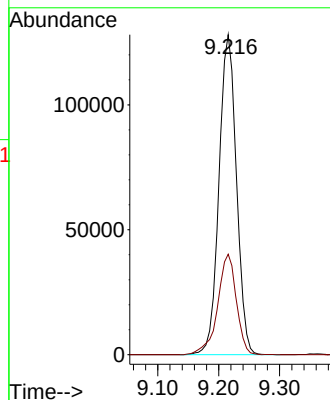
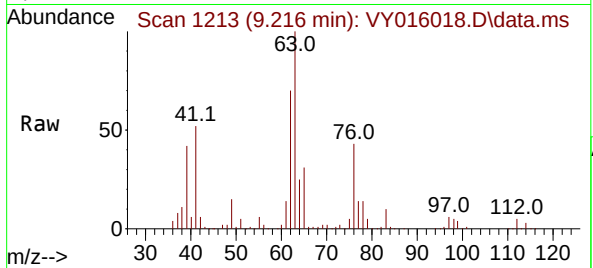
#45
1,2-Dichloropropane
Concen: 100.804 ug/l
RT: 9.216 min Scan# 1213
Delta R.T. 0.000 min
Lab File: VY016018.D
Acq: 18 Oct 2023 13:02

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Tgt Ion: 63 Resp: 254318
Ion Ratio Lower Upper
63 100
65 31.4 23.8 35.6

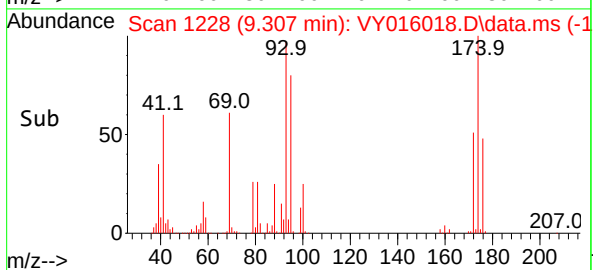
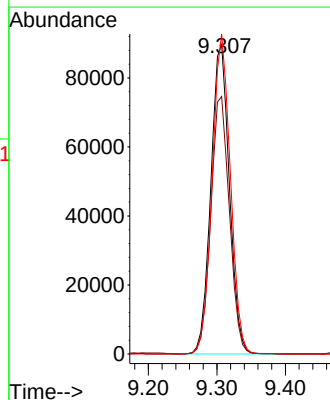
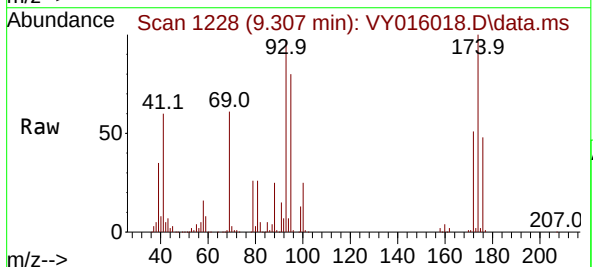
Manual Integrations
APPROVED

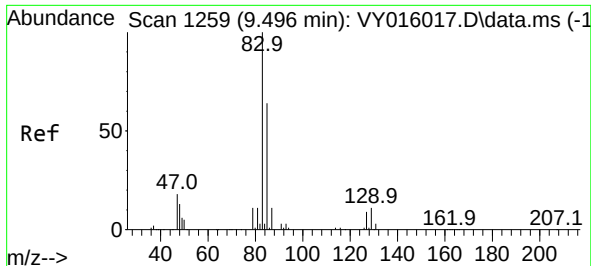
Reviewed By :John Carlone 10/19/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#46
Dibromomethane
Concen: 100.660 ug/l
RT: 9.307 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VY016018.D
Acq: 18 Oct 2023 13:02

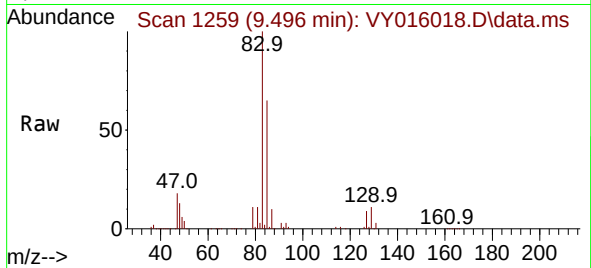
Tgt Ion: 93 Resp: 168596
Ion Ratio Lower Upper
93 100
95 83.5 66.6 100.0
174 101.5 84.8 127.2





#47
Bromodichloromethane
Concen: 99.931 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VY016018.D
Acq: 18 Oct 2023 13:02

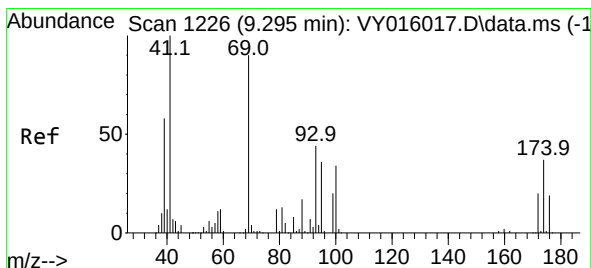
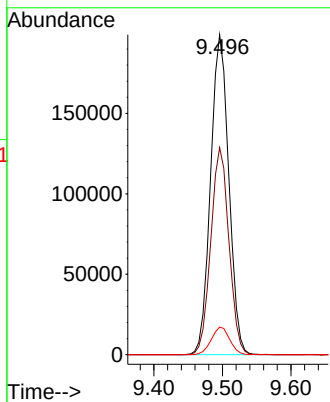
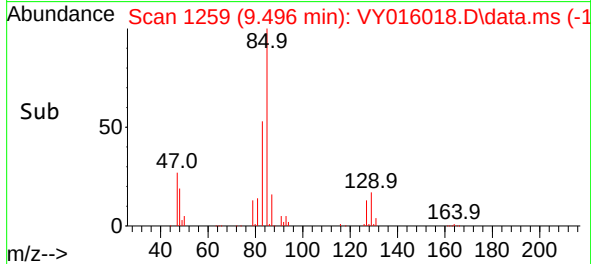
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100



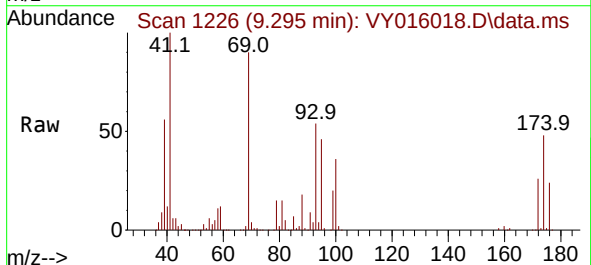
Tgt Ion: 83 Resp: 366840
Ion Ratio Lower Upper
83 100
85 64.7 50.1 75.1
127 8.6 7.1 10.7

Manual Integrations
APPROVED

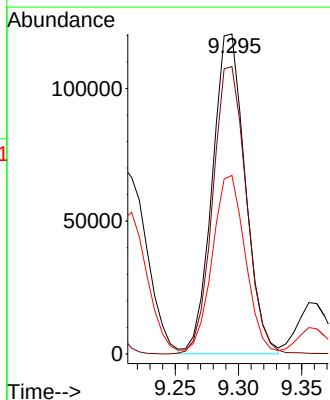
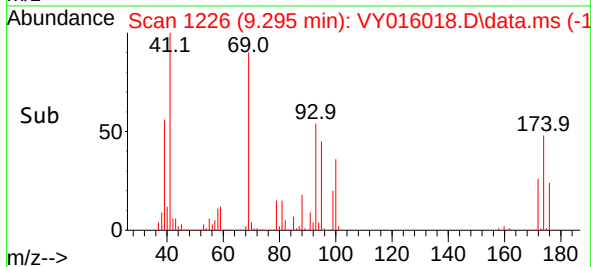
Reviewed By :John Carlone 10/19/2023
Supervised By :Semsettin Yesilyurt 10/20/2023

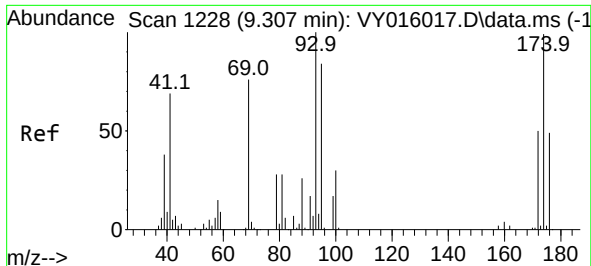


#48
Methyl methacrylate
Concen: 106.389 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. 0.000 min
Lab File: VY016018.D
Acq: 18 Oct 2023 13:02



Tgt Ion: 41 Resp: 218295
Ion Ratio Lower Upper
41 100
69 91.5 64.5 96.7
39 53.9 50.8 76.2





#49

1,4-Dioxane

Concen: 2266.483 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. -0.006 min

Lab File: VY016018.D

Acq: 18 Oct 2023 13:02

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC100

Tgt Ion: 88 Resp: 6044

Ion Ratio Lower Upper

88 100

43 26.2 0.0 0.0

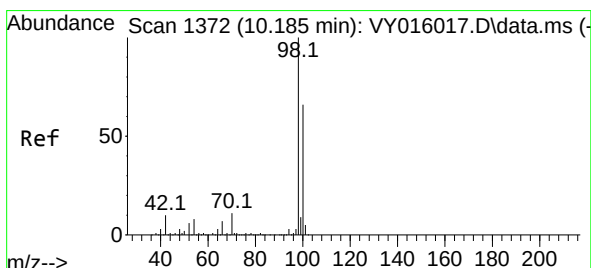
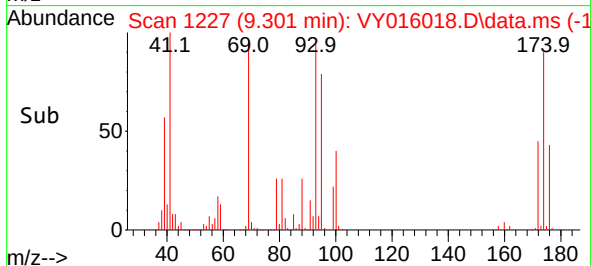
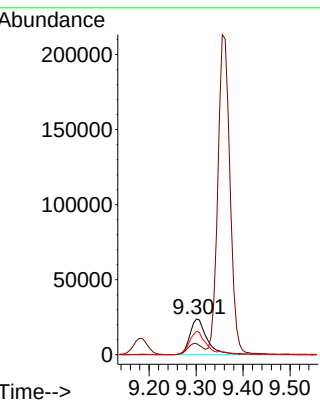
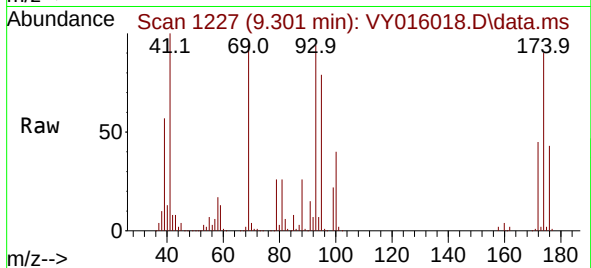
58 66.1 30.9 46.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/19/2023

Supervised By :Semsettin Yesilyurt 10/20/2023



#50

Toluene-d8

Concen: 96.691 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.006 min

Lab File: VY016018.D

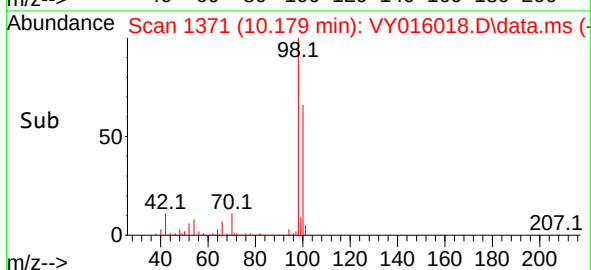
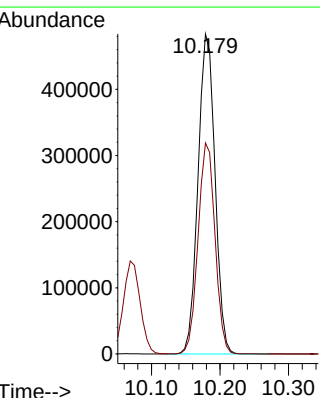
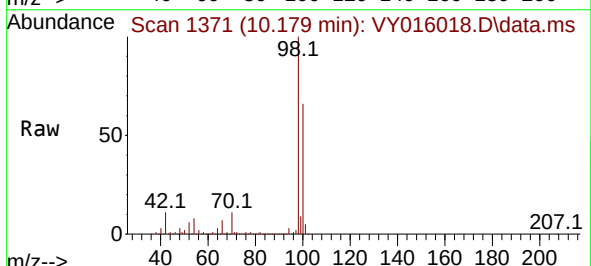
Acq: 18 Oct 2023 13:02

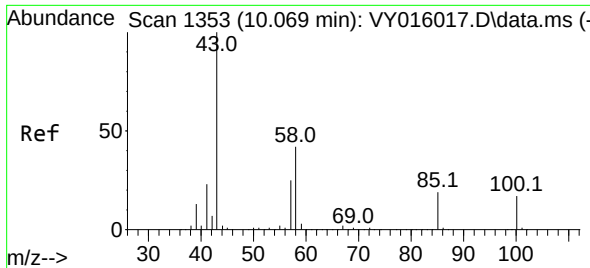
Tgt Ion: 98 Resp: 834866

Ion Ratio Lower Upper

98 100

100 65.8 50.1 75.1





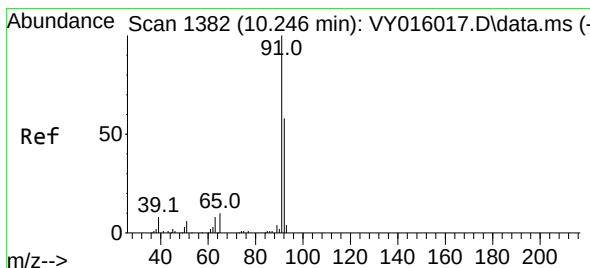
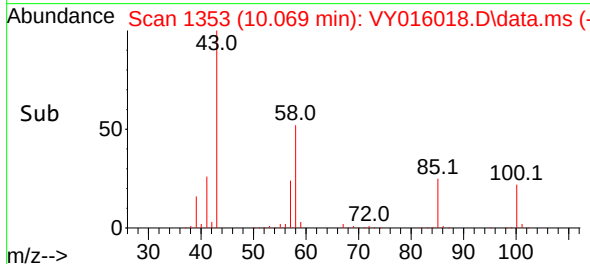
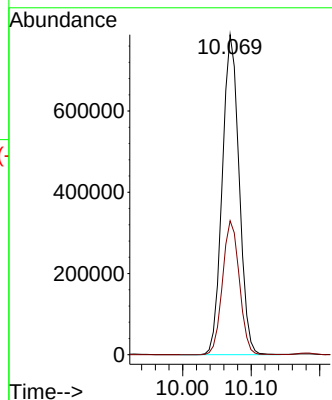
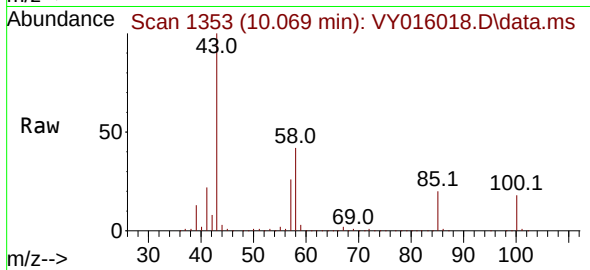
#51
4-Methyl-2-Pentanone
Concen: 516.581 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. 0.000 min
Lab File: VY016018.D
Acq: 18 Oct 2023 13:02

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

Tgt Ion: 43 Resp: 1339079
Ion Ratio Lower Upper
43 100
58 41.9 29.0 43.6

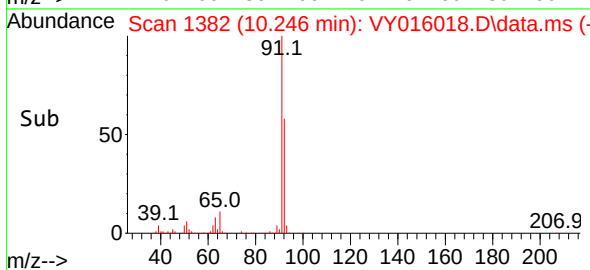
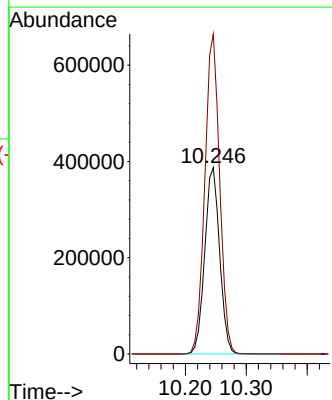
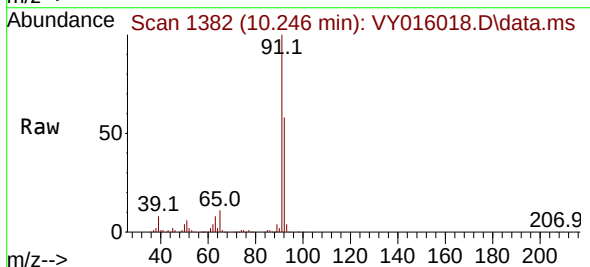
Manual Integrations
APPROVED

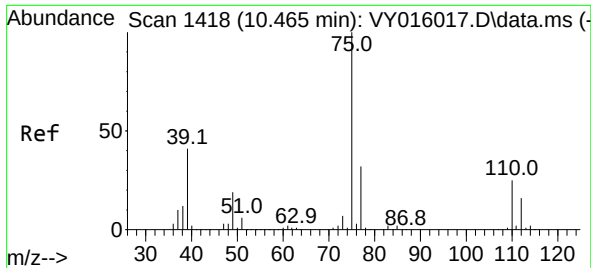
Reviewed By :John Carlone 10/19/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#52
Toluene
Concen: 100.351 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. 0.000 min
Lab File: VY016018.D
Acq: 18 Oct 2023 13:02

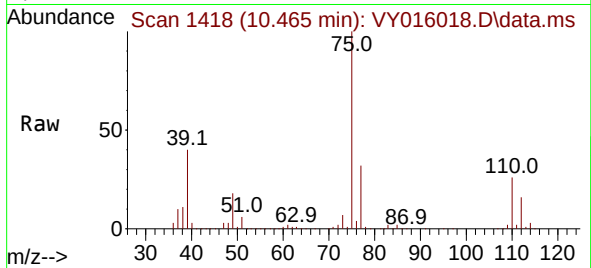
Tgt Ion: 92 Resp: 656163
Ion Ratio Lower Upper
92 100
91 171.0 143.8 215.6





#53
 t-1,3-Dichloropropene
 Concen: 104.192 ug/l
 RT: 10.465 min Scan# 1418
 Delta R.T. 0.000 min
 Lab File: VY016018.D
 Acq: 18 Oct 2023 13:02

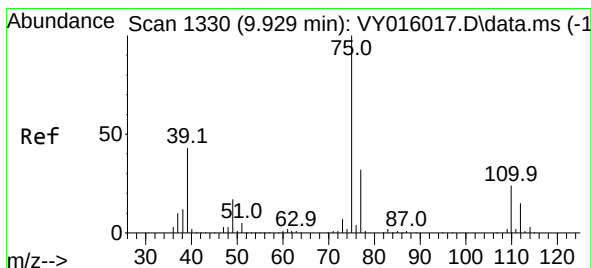
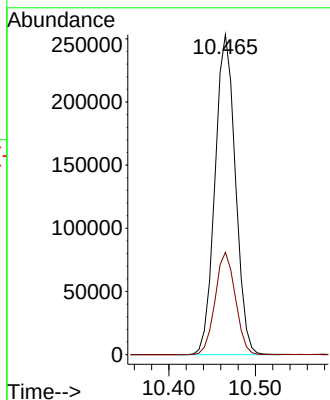
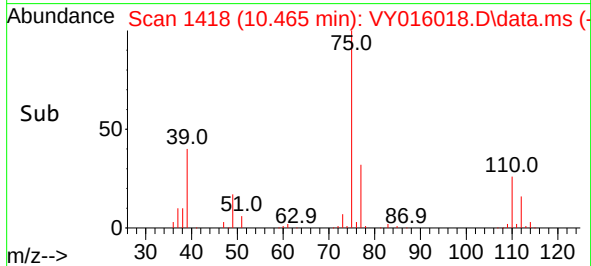
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC100



Tgt Ion: 75 Resp: 414335
 Ion Ratio Lower Upper
 75 100
 77 32.0 25.0 37.4

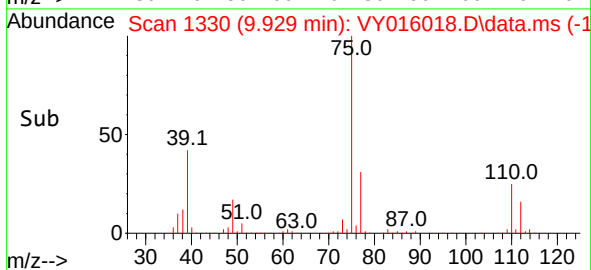
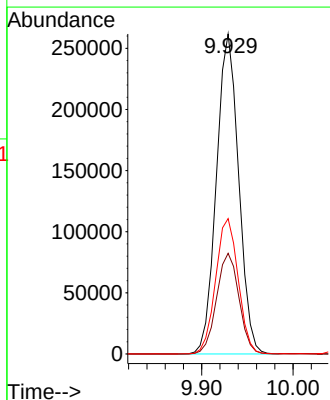
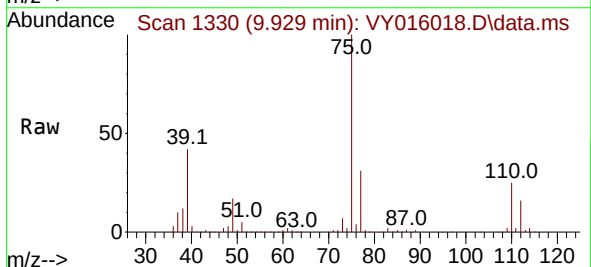
Manual Integrations
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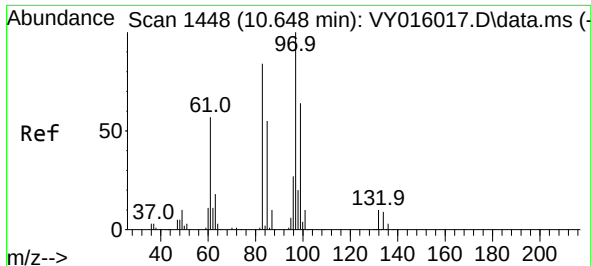
Reviewed By :John Carlone 10/19/2023
 Supervised By :Semsettin Yesilyurt 10/20/2023



#54
 cis-1,3-Dichloropropene
 Concen: 102.179 ug/l
 RT: 9.929 min Scan# 1330
 Delta R.T. 0.000 min
 Lab File: VY016018.D
 Acq: 18 Oct 2023 13:02

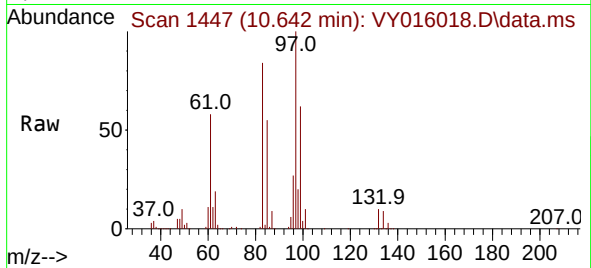
Tgt Ion: 75 Resp: 442922
 Ion Ratio Lower Upper
 75 100
 77 31.4 24.2 36.4
 39 42.3 42.2 63.4





#55
1,1,2-Trichloroethane
Concen: 101.285 ug/l
RT: 10.642 min Scan# 1448
Delta R.T. -0.006 min
Lab File: VY016018.D
Acq: 18 Oct 2023 13:02

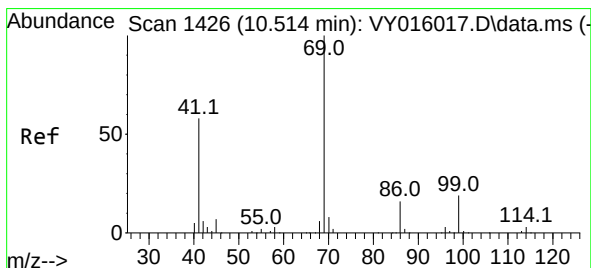
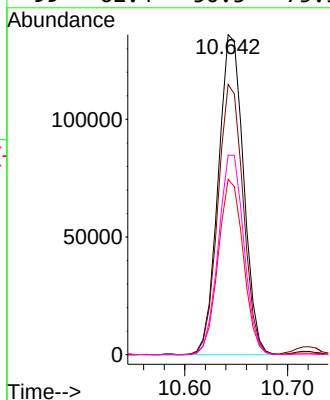
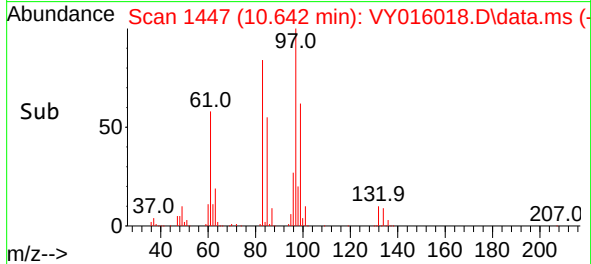
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100



Tgt Ion:	97	Resp:	233060
Ion	Ratio	Lower	Upper
97	100		
83	84.5	72.0	108.0
85	54.8	45.4	68.0
99	62.4	50.3	75.5

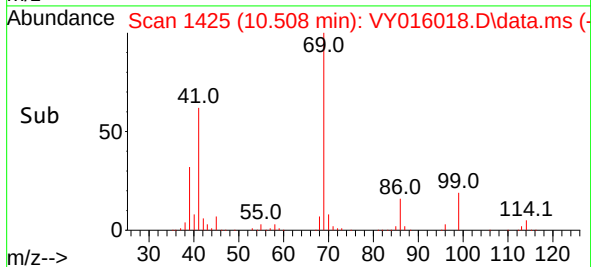
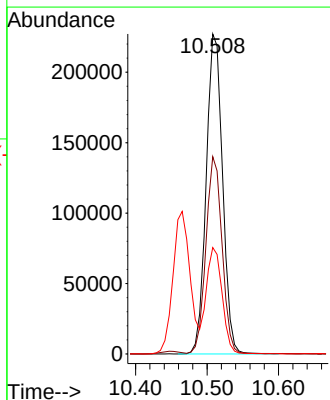
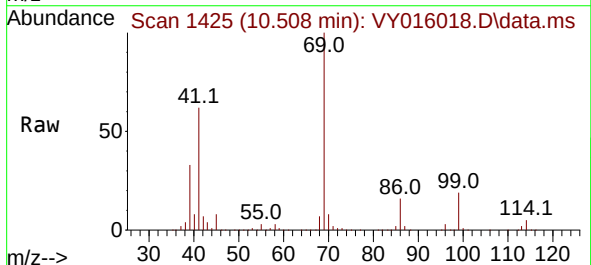
Manual Integrations
APPROVED

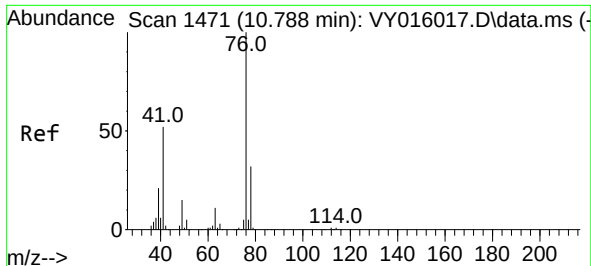
Reviewed By :John Carlone 10/19/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#56
Ethyl methacrylate
Concen: 107.361 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. -0.006 min
Lab File: VY016018.D
Acq: 18 Oct 2023 13:02

Tgt Ion:	69	Resp:	361033
Ion	Ratio	Lower	Upper
69	100		
41	60.6	57.6	86.4
39	32.0	34.1	51.1





#57

1,3-Dichloropropane

Concen: 100.835 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VY016018.D

Acq: 18 Oct 2023 13:02

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC100

Tgt Ion: 76 Resp: 393614

Ion Ratio Lower Upper

76 100

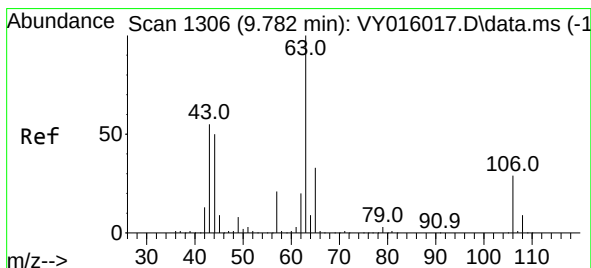
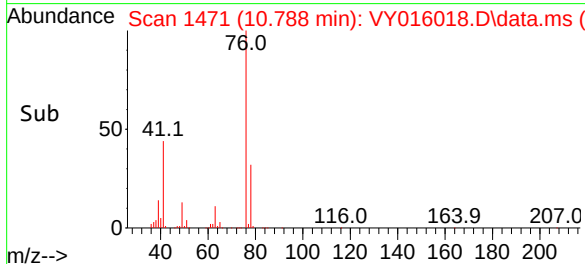
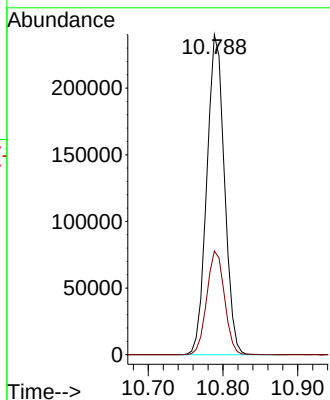
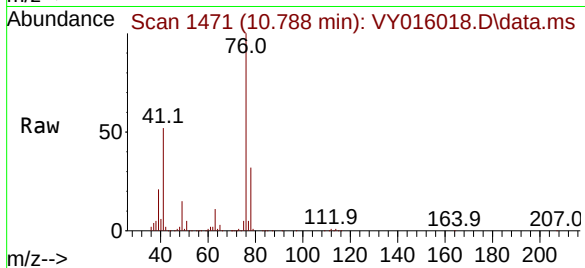
78 32.6 25.3 37.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/19/2023

Supervised By :Semsettin Yesilyurt 10/20/2023



#58

2-Chloroethyl Vinyl ether

Concen: 523.916 ug/l

RT: 9.782 min Scan# 1306

Delta R.T. 0.000 min

Lab File: VY016018.D

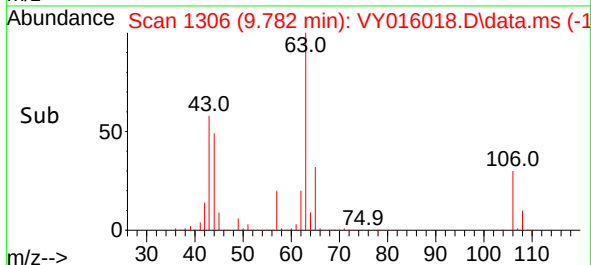
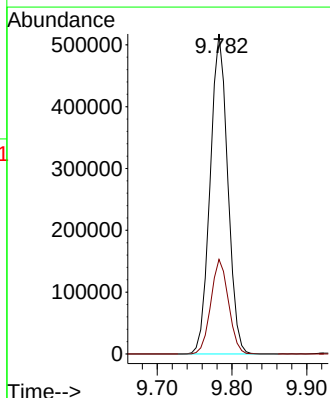
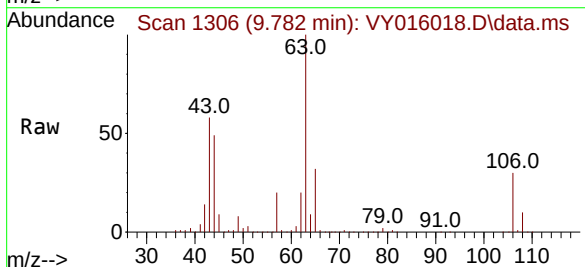
Acq: 18 Oct 2023 13:02

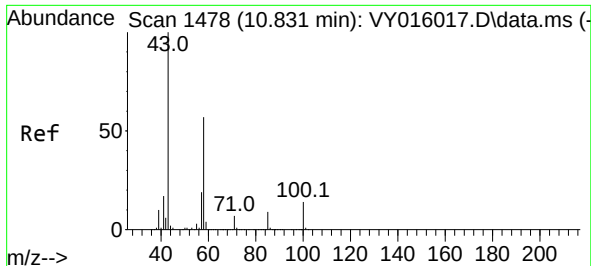
Tgt Ion: 63 Resp: 846245

Ion Ratio Lower Upper

63 100

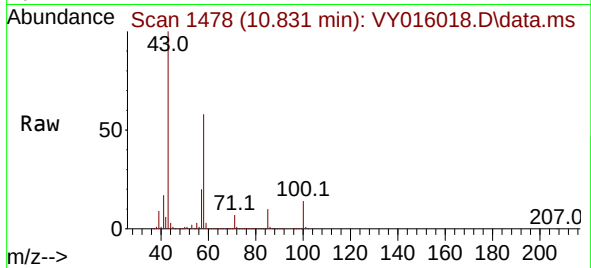
106 29.6 21.2 31.8





#59
2-Hexanone
Concen: 524.740 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY016018.D
Acq: 18 Oct 2023 13:02

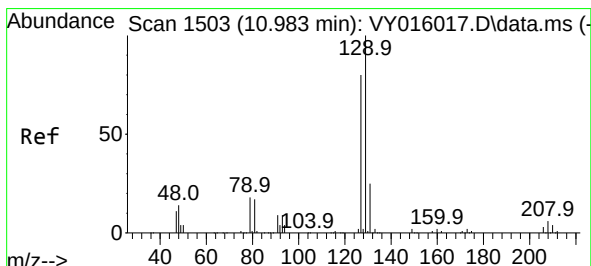
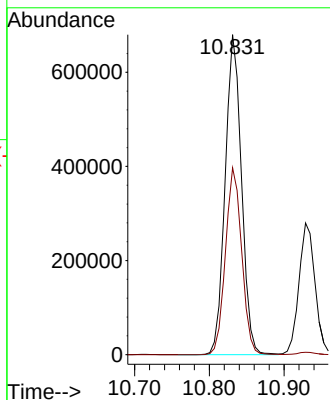
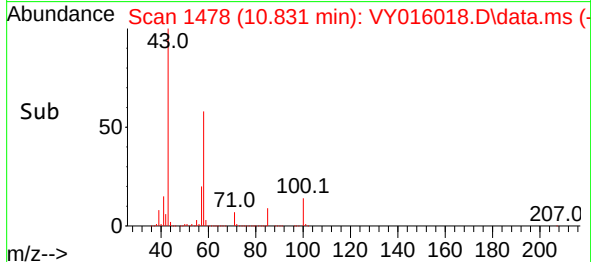
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100



Tgt Ion: 43 Resp: 1034894
Ion Ratio Lower Upper
43 100
58 58.1 25.1 75.3

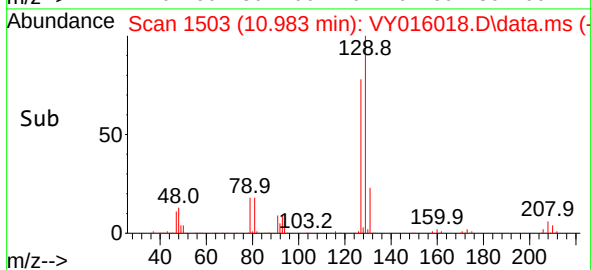
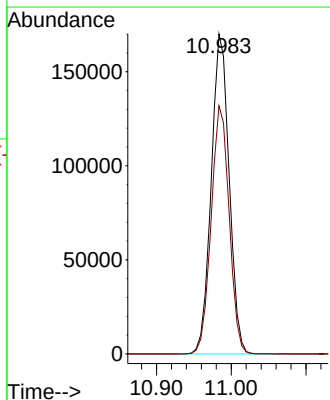
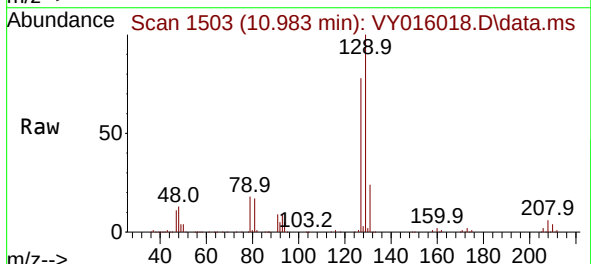
Manual Integrations
APPROVED

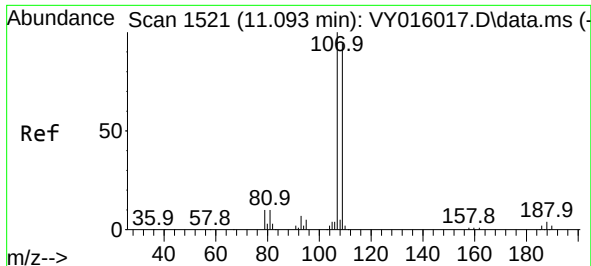
Reviewed By :John Carlone 10/19/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#60
Dibromochloromethane
Concen: 101.605 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. 0.000 min
Lab File: VY016018.D
Acq: 18 Oct 2023 13:02

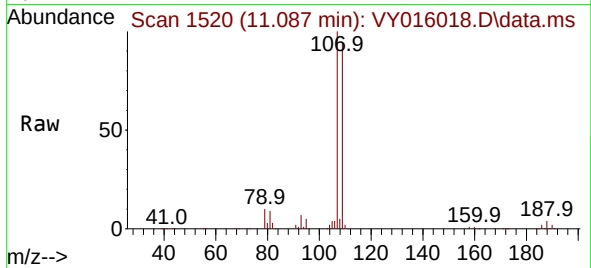
Tgt Ion:129 Resp: 282750
Ion Ratio Lower Upper
129 100
127 77.9 38.5 115.5





#61
1,2-Dibromoethane
Concen: 101.203 ug/l
RT: 11.087 min Scan# 1107
Delta R.T. -0.006 min
Lab File: VY016018.D
Acq: 18 Oct 2023 13:02

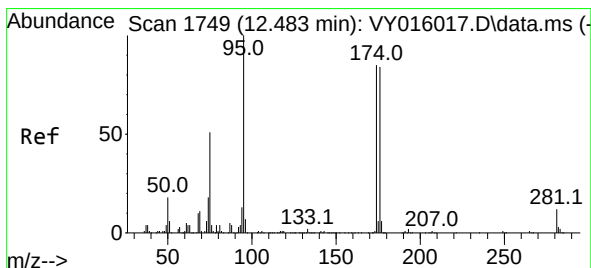
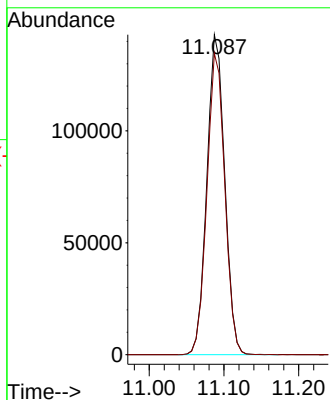
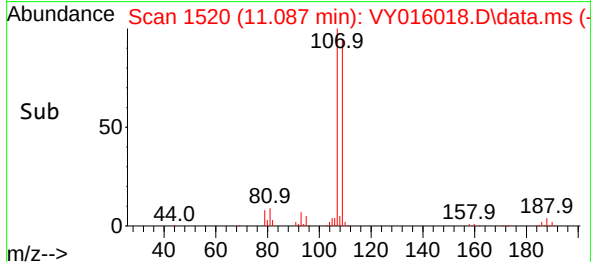
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100



Tgt Ion:107 Resp: 236992
Ion Ratio Lower Upper
107 100
109 94.3 75.6 113.4

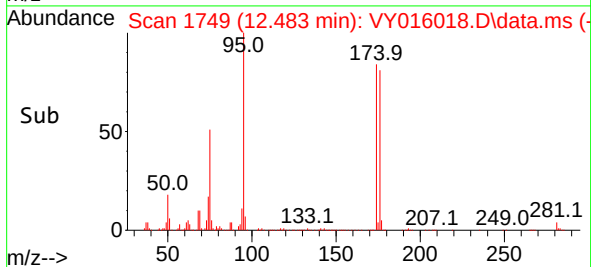
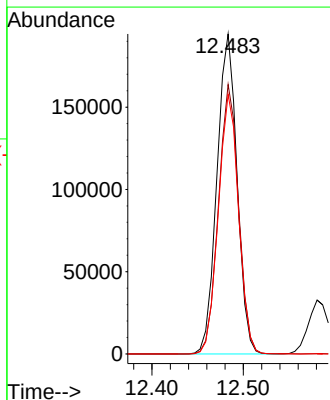
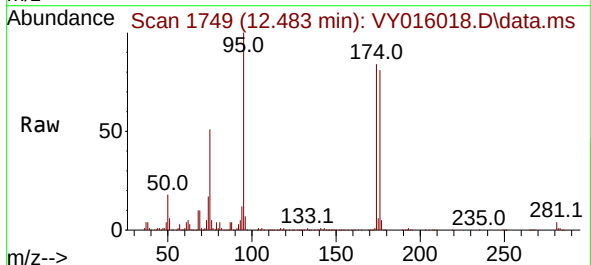
Manual Integrations
APPROVED

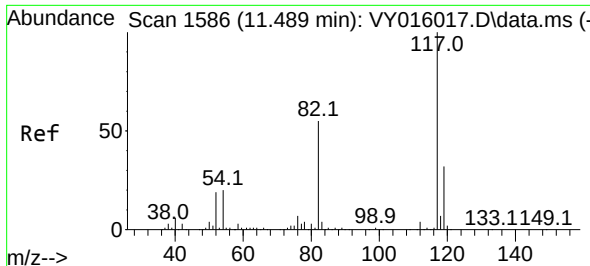
Reviewed By :John Carlone 10/19/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#62
4-Bromofluorobenzene
Concen: 96.501 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY016018.D
Acq: 18 Oct 2023 13:02

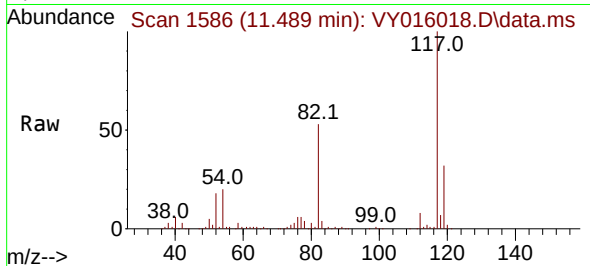
Tgt Ion: 95 Resp: 297308
Ion Ratio Lower Upper
95 100
174 84.3 0.0 178.2
176 81.5 0.0 173.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY016018.D
Acq: 18 Oct 2023 13:02

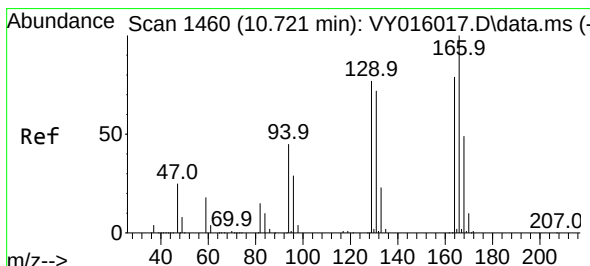
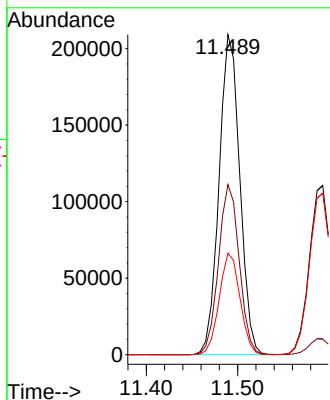
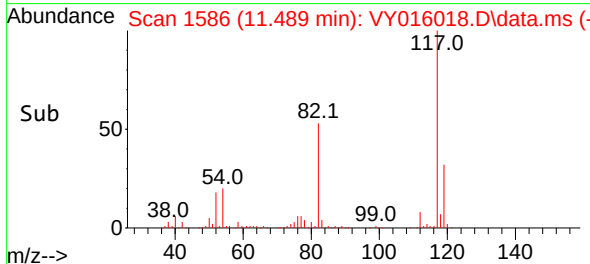
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100



Tgt Ion:117 Resp: 33014
Ion Ratio Lower Upper
117 100
82 53.2 43.4 65.0
119 31.7 26.3 39.5

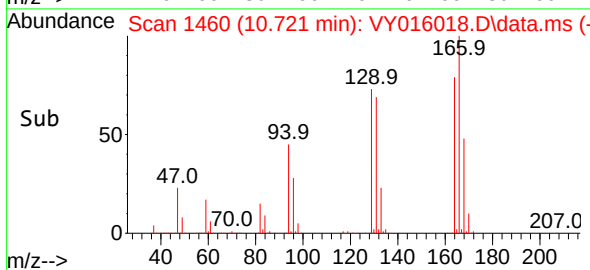
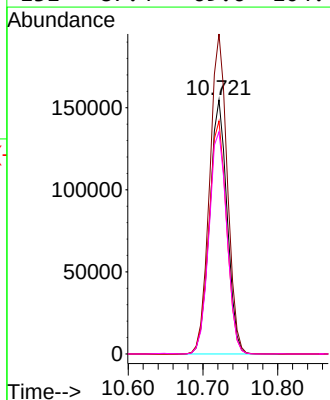
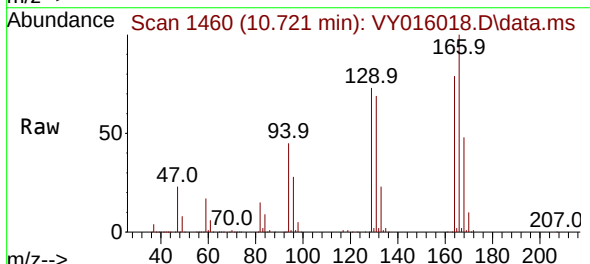
Manual Integrations
APPROVED

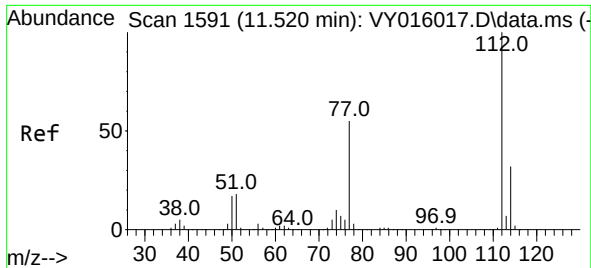
Reviewed By :John Carlone 10/19/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#64
Tetrachloroethene
Concen: 97.977 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. 0.000 min
Lab File: VY016018.D
Acq: 18 Oct 2023 13:02

Tgt Ion:164 Resp: 250821
Ion Ratio Lower Upper
164 100
166 126.0 103.0 154.6
129 91.7 77.2 115.8
131 87.4 69.6 104.4





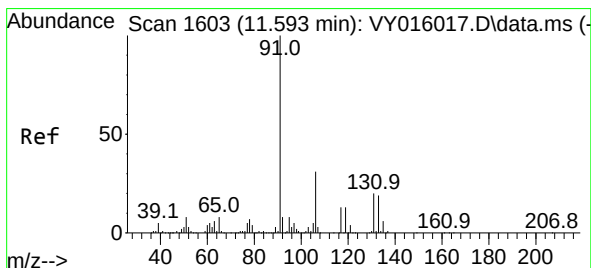
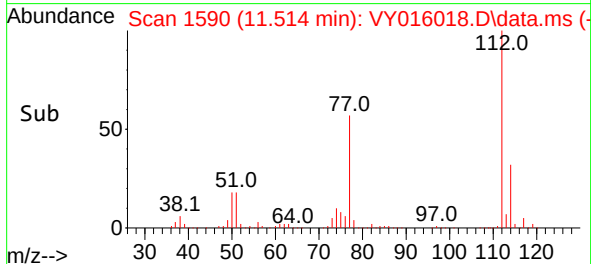
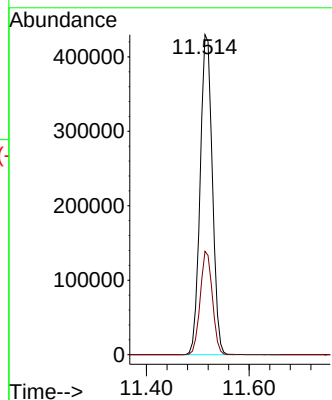
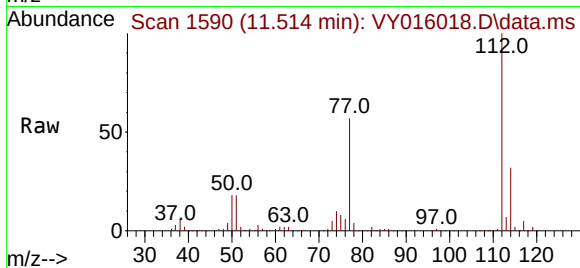
#65
Chlorobenzene
Concen: 98.819 ug/l
RT: 11.514 min Scan# 1590
Delta R.T. -0.006 min
Lab File: VY016018.D
Acq: 18 Oct 2023 13:02

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

Tgt Ion:112 Resp: 706538
Ion Ratio Lower Upper
112 100
114 32.3 25.5 38.3

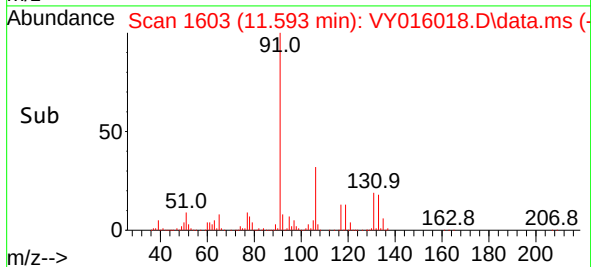
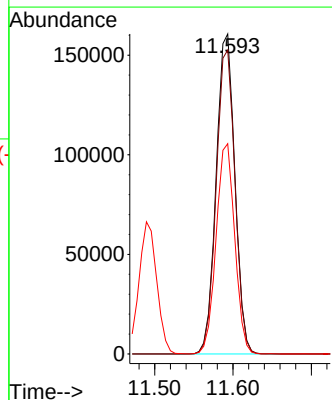
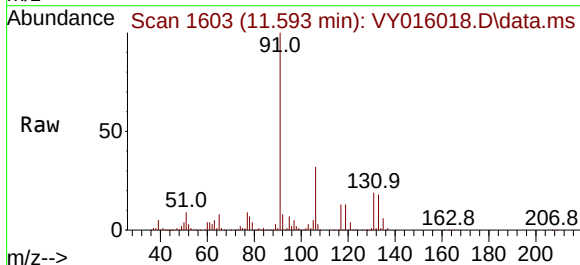
Manual Integrations
APPROVED

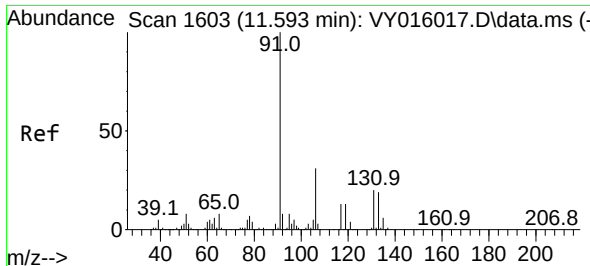
Reviewed By :John Carlone 10/19/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 99.069 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY016018.D
Acq: 18 Oct 2023 13:02

Tgt Ion:131 Resp: 266981
Ion Ratio Lower Upper
131 100
133 95.3 47.5 142.6
119 65.4 31.6 94.7





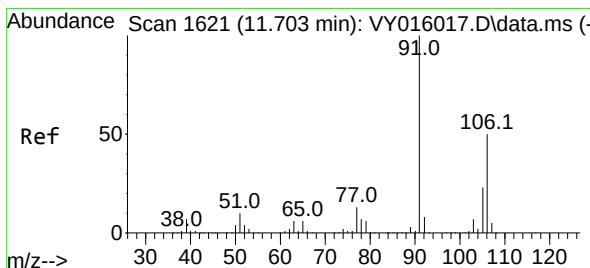
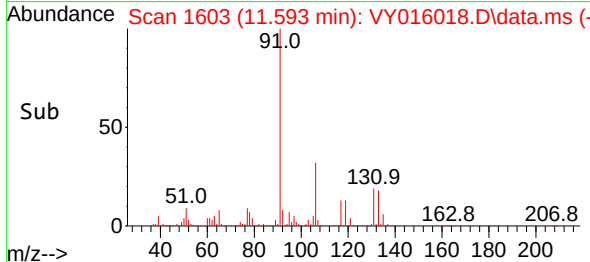
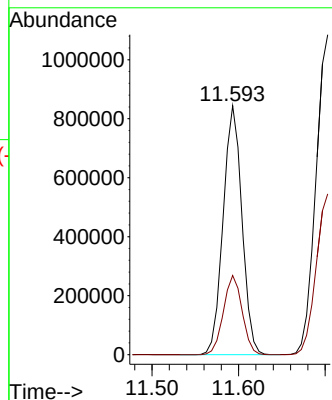
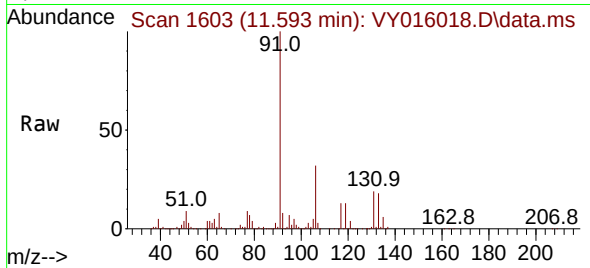
#67
Ethyl Benzene
Concen: 100.547 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY016018.D
Acq: 18 Oct 2023 13:02

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Tgt Ion: 91 Resp: 1272110
Ion Ratio Lower Upper
91 100
106 31.8 24.6 36.8

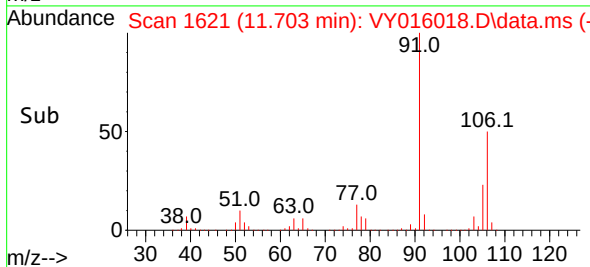
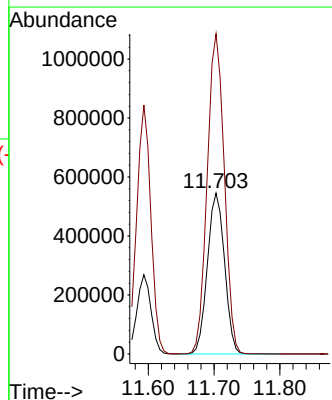
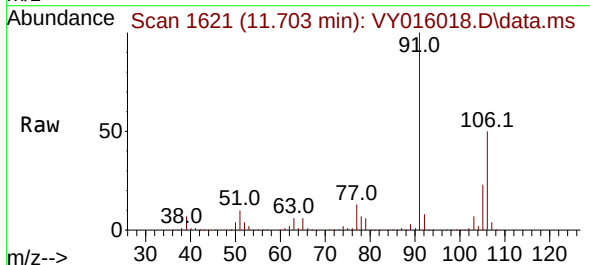
Manual Integrations
APPROVED

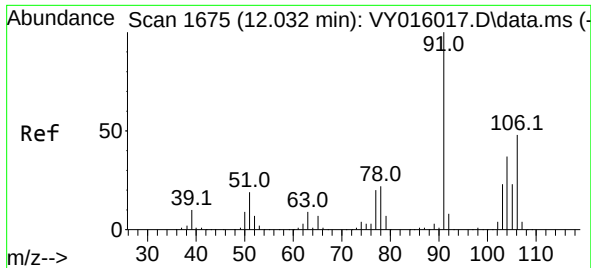
Reviewed By :John Carlone 10/19/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#68
m/p-Xylenes
Concen: 200.329 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. 0.000 min
Lab File: VY016018.D
Acq: 18 Oct 2023 13:02

Tgt Ion:106 Resp: 988336
Ion Ratio Lower Upper
106 100
91 198.5 166.1 249.1





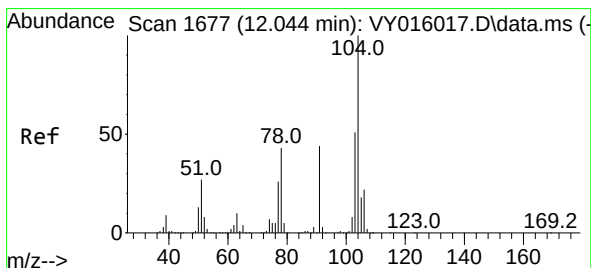
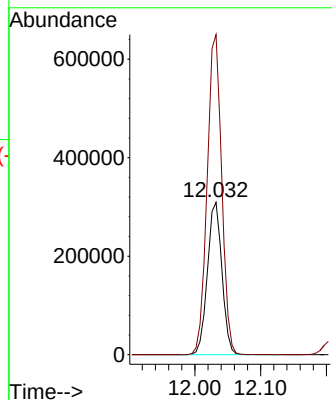
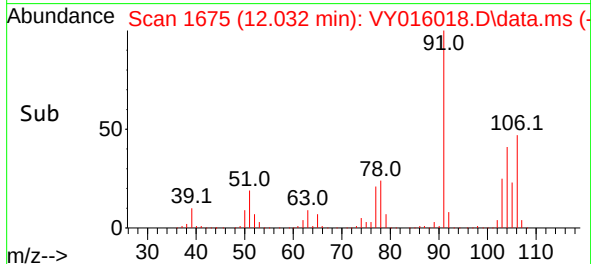
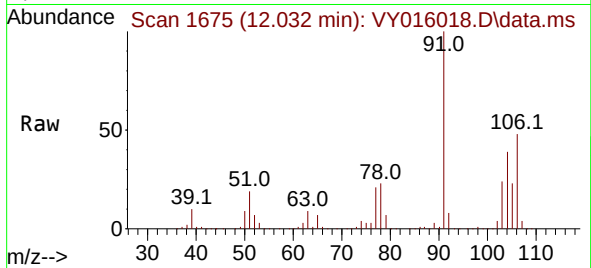
#69
o-Xylene
Concen: 101.004 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VY016018.D
Acq: 18 Oct 2023 13:02

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

Tgt Ion:106 Resp: 474059
Ion Ratio Lower Upper
106 100
91 210.7 108.1 324.3

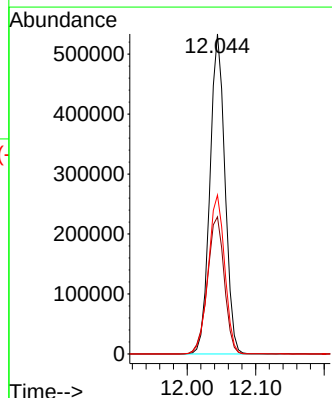
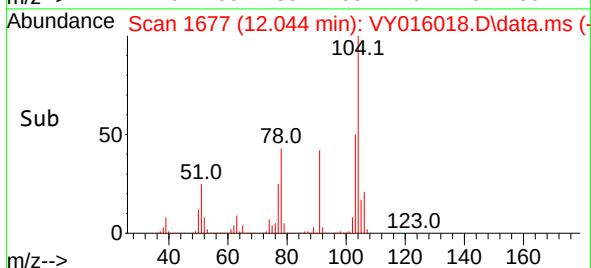
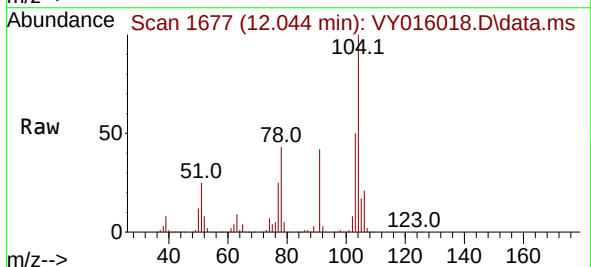
Manual Integrations
APPROVED

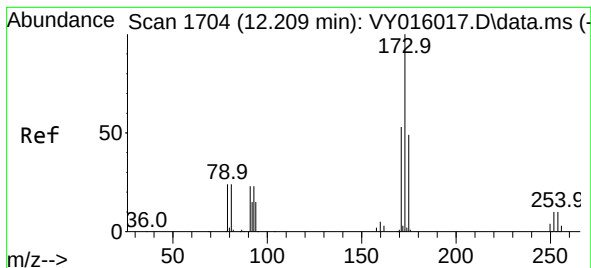
Reviewed By :John Carlone 10/19/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#70
Styrene
Concen: 101.902 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VY016018.D
Acq: 18 Oct 2023 13:02

Tgt Ion:104 Resp: 815141
Ion Ratio Lower Upper
104 100
78 47.9 41.5 62.3
103 54.3 44.6 67.0





#71

Bromoform

Concen: 103.000 ug/l

RT: 12.209 min Scan# 1704

Delta R.T. 0.000 min

Lab File: VY016018.D

Acq: 18 Oct 2023 13:02

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

Tgt Ion:173 Resp: 195310

Ion Ratio Lower Upper

173 100

175 49.2 24.6 73.8

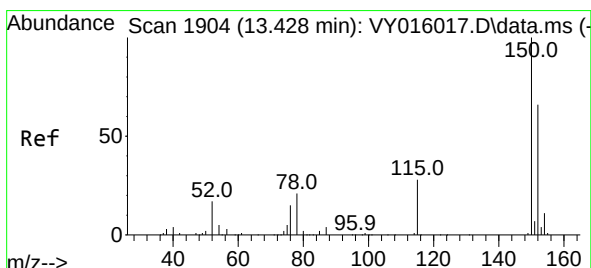
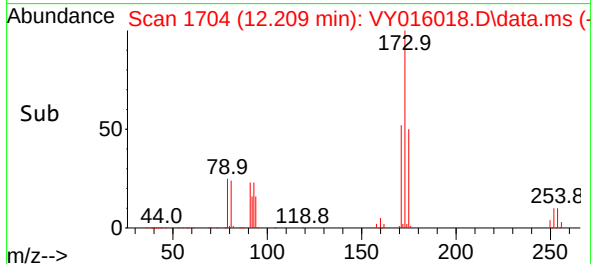
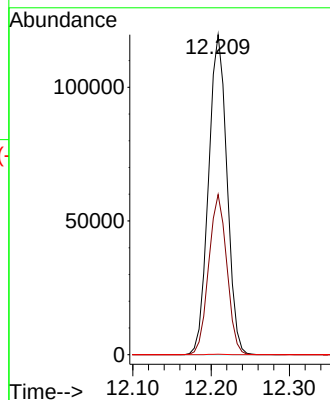
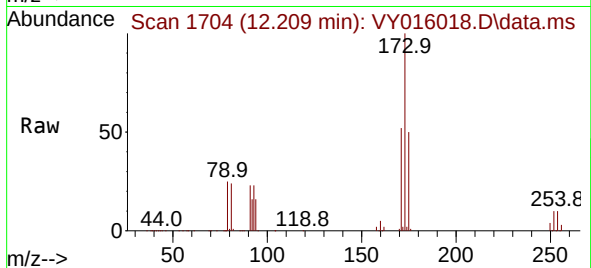
254 0.1 0.2 0.2

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: VY016018.D

Acq: 18 Oct 2023 13:02

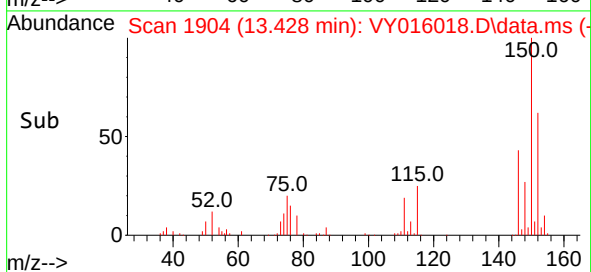
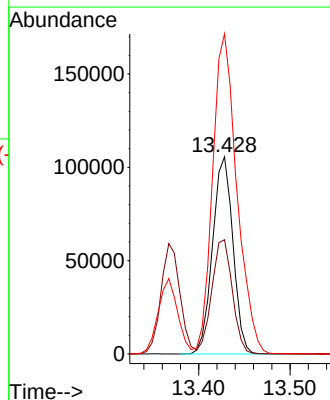
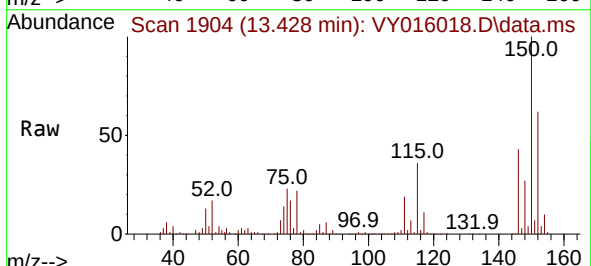
Tgt Ion:152 Resp: 163873

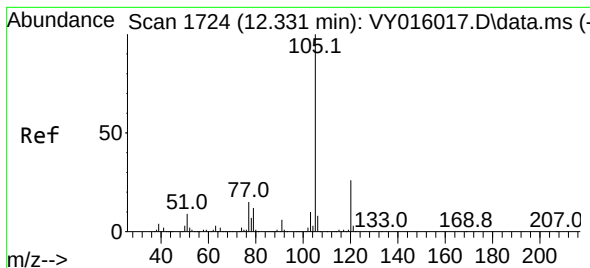
Ion Ratio Lower Upper

152 100

115 58.1 28.8 86.5

150 192.9 0.0 348.8





#73

Isopropylbenzene

Concen: 101.453 ug/l

RT: 12.331 min Scan# 1724

Delta R.T. 0.000 min

Lab File: VY016018.D

Acq: 18 Oct 2023 13:02

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC100

Tgt Ion:105 Resp: 124364

Ion Ratio Lower Upper

105 100

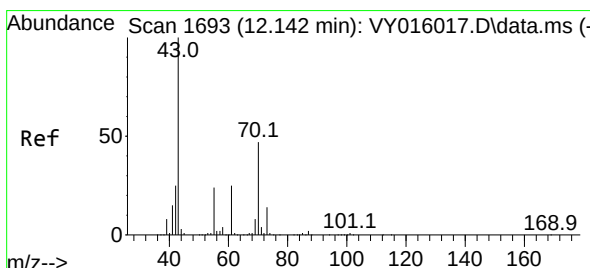
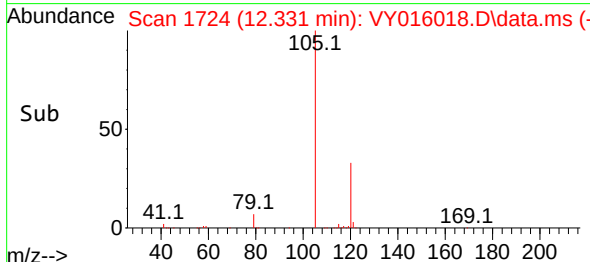
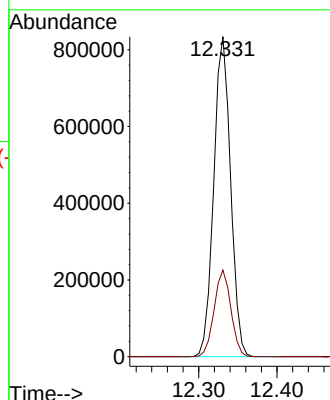
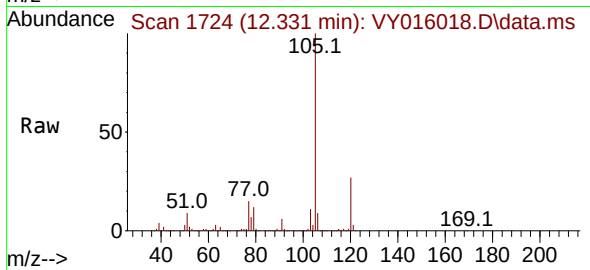
120 26.9 13.3 39.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/19/2023

Supervised By :Semsettin Yesilyurt 10/20/2023



#74

N-ethyl acetate

Concen: 108.676 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. 0.000 min

Lab File: VY016018.D

Acq: 18 Oct 2023 13:02

Tgt Ion: 43 Resp: 420773

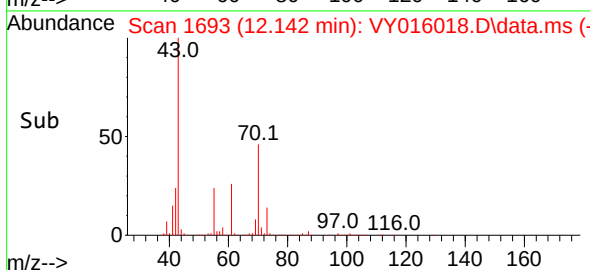
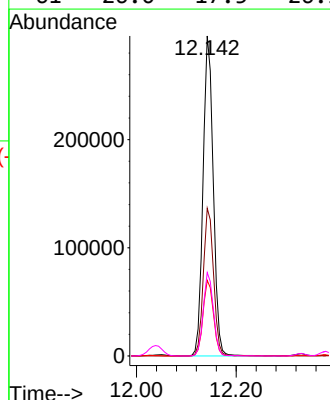
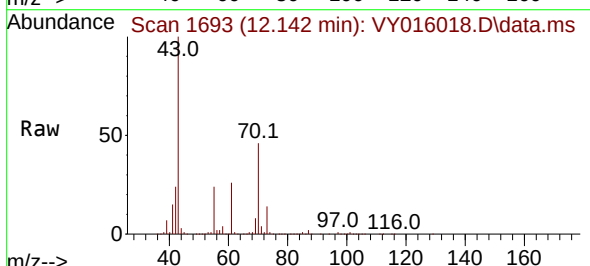
Ion Ratio Lower Upper

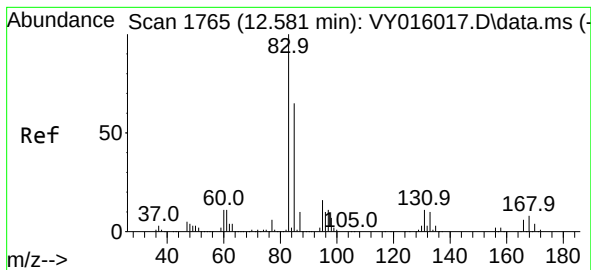
43 100

70 46.4 29.7 44.5

55 24.0 18.3 27.5

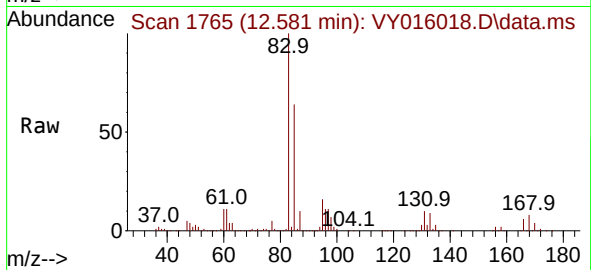
61 26.0 17.5 26.3





#75
1,1,2,2-Tetrachloroethane
Concen: 102.118 ug/l
RT: 12.581 min Scan# 1765
Delta R.T. 0.000 min
Lab File: VY016018.D
Acq: 18 Oct 2023 13:02

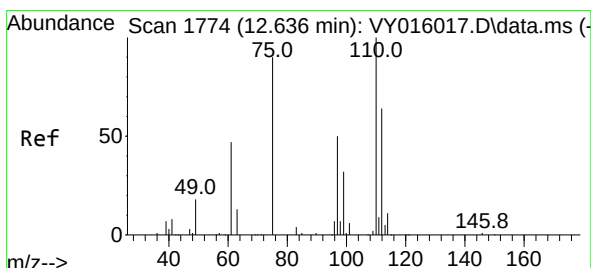
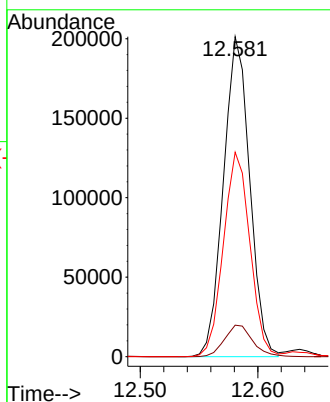
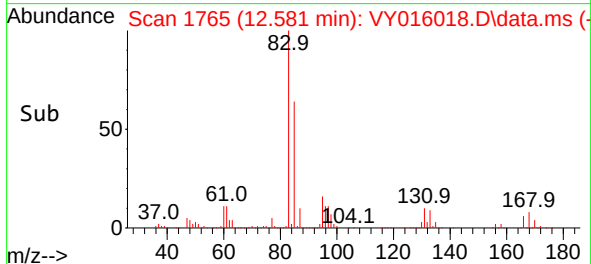
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100



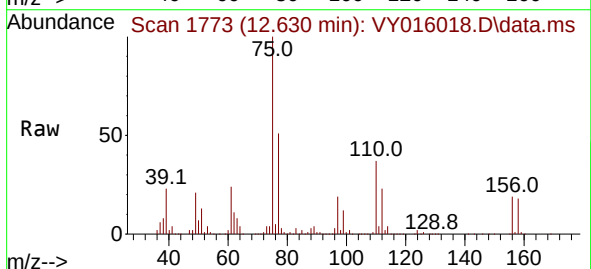
Tgt Ion: 83 Resp: 313524
Ion Ratio Lower Upper
83 100
131 10.6 5.4 16.2
85 64.3 31.8 95.4

Manual Integrations
APPROVED

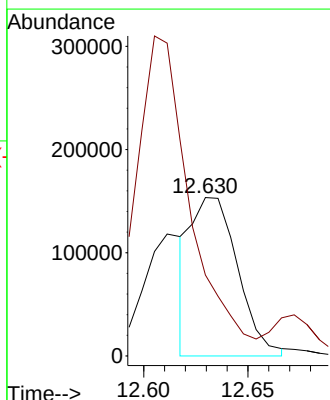
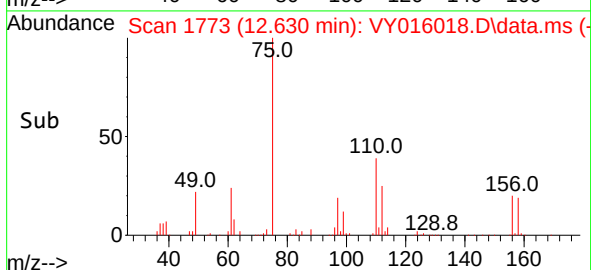
Reviewed By :John Carlone 10/19/2023
Supervised By :Semsettin Yesilyurt 10/20/2023

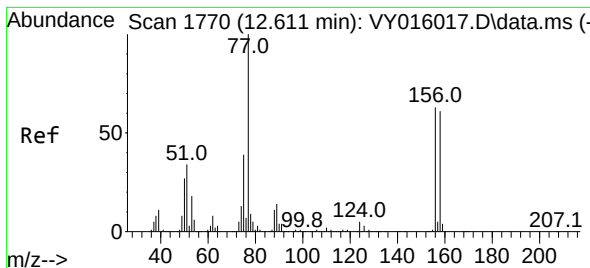


#76
1,2,3-Trichloropropane
Concen: 103.712 ug/l m
RT: 12.630 min Scan# 1773
Delta R.T. -0.006 min
Lab File: VY016018.D
Acq: 18 Oct 2023 13:02



Tgt Ion: 75 Resp: 239737
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 99.701 ug/l

RT: 12.611 min Scan# 1770

Delta R.T. 0.000 min

Lab File: VY016018.D

Acq: 18 Oct 2023 13:02

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

Tgt Ion: 156 Resp: 29664

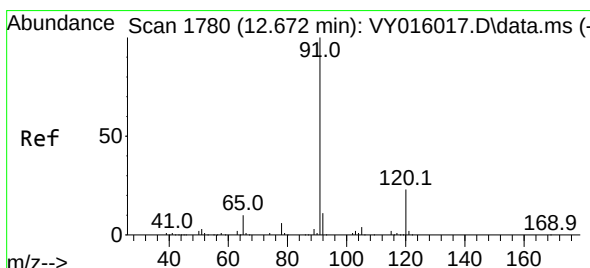
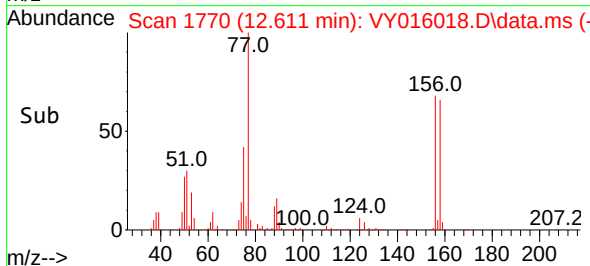
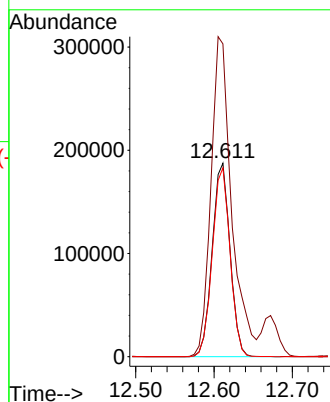
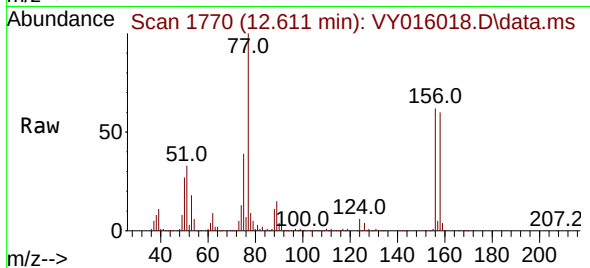
Ion	Ratio	Lower	Upper
156	100		
77	191.2	92.8	278.6
158	97.2	48.4	145.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/19/2023

Supervised By :Semsettin Yesilyurt 10/20/2023



#78

n-propylbenzene

Concen: 101.385 ug/l

RT: 12.672 min Scan# 1780

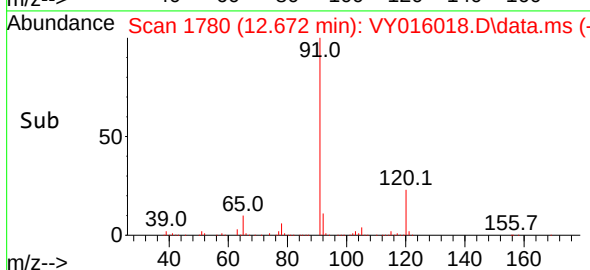
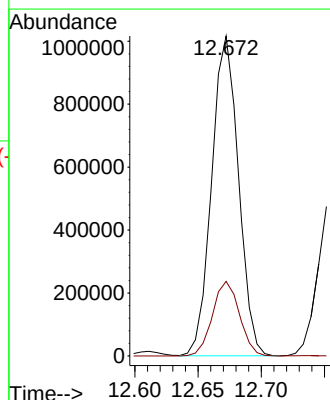
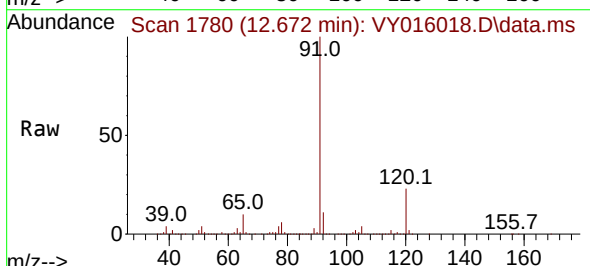
Delta R.T. 0.000 min

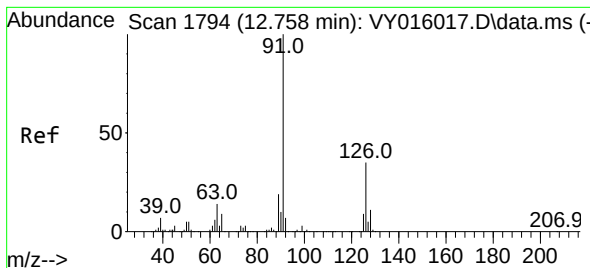
Lab File: VY016018.D

Acq: 18 Oct 2023 13:02

Tgt Ion: 91 Resp: 1496929

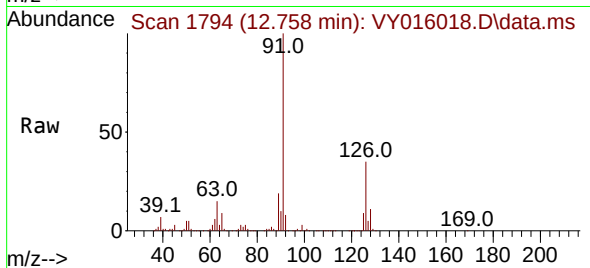
Ion	Ratio	Lower	Upper
91	100		
120	23.4	11.5	34.4





#79
2-Chlorotoluene
Concen: 100.704 ug/l
RT: 12.758 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VY016018.D
Acq: 18 Oct 2023 13:02

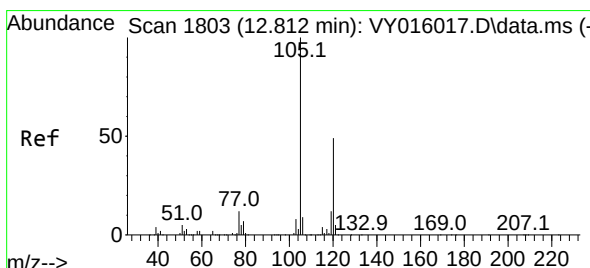
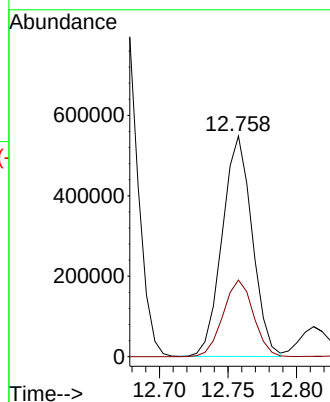
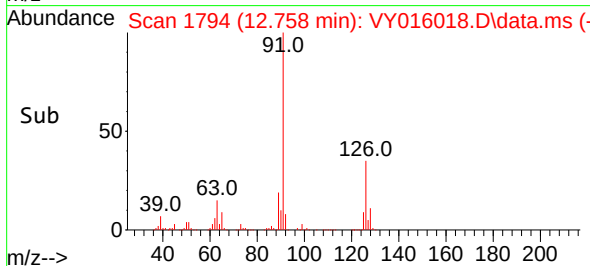
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100



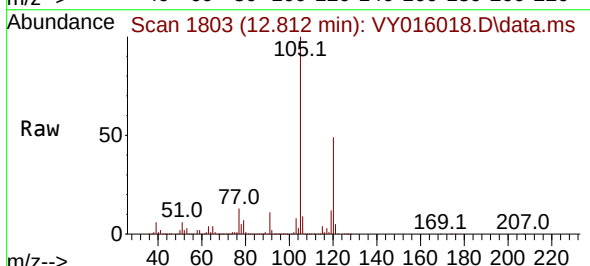
Tgt Ion: 91 Resp: 834588
Ion Ratio Lower Upper
91 100
126 35.2 17.3 51.7

Manual Integrations
APPROVED

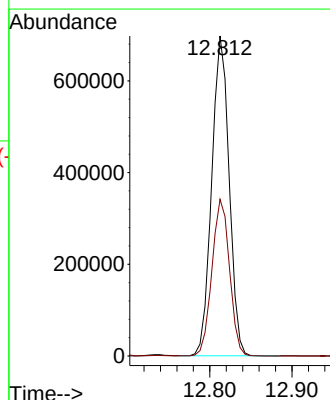
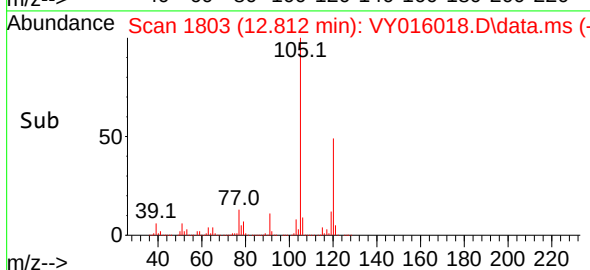
Reviewed By :John Carlone 10/19/2023
Supervised By :Semsettin Yesilyurt 10/20/2023

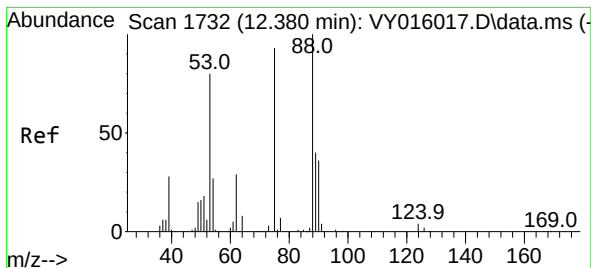


#80
1,3,5-Trimethylbenzene
Concen: 100.993 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY016018.D
Acq: 18 Oct 2023 13:02



Tgt Ion:105 Resp: 1025434
Ion Ratio Lower Upper
105 100
120 49.5 23.9 71.7





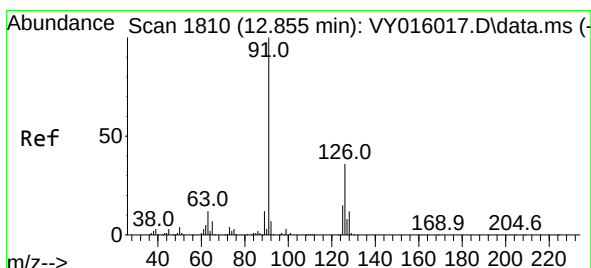
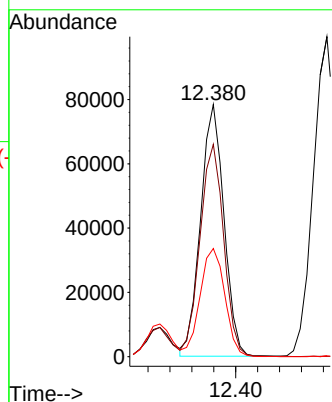
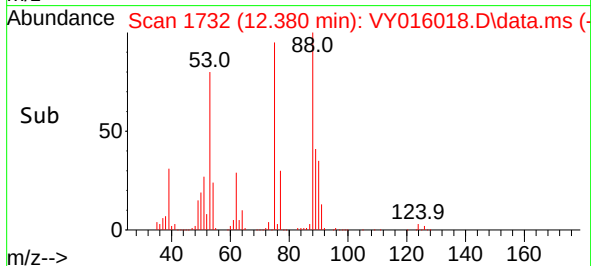
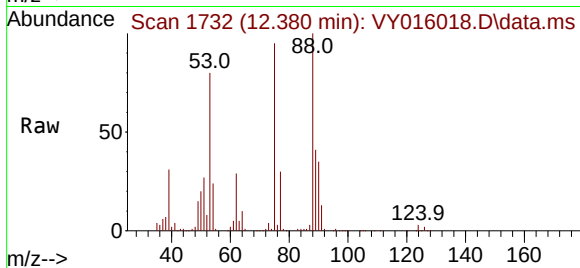
#81
trans-1,4-Dichloro-2-butene
Concen: 108.864 ug/l
RT: 12.380 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VY016018.D
Acq: 18 Oct 2023 13:02

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

Tgt Ion: 75 Resp: 11571
Ion Ratio Lower Upper
75 100
53 86.1 77.8 116.8
89 45.9 37.4 56.0

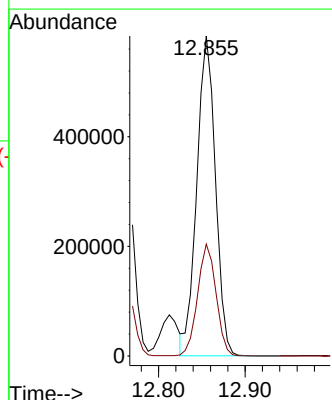
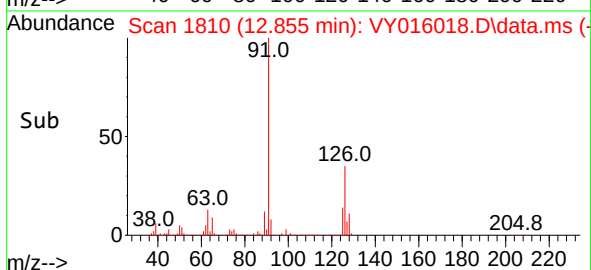
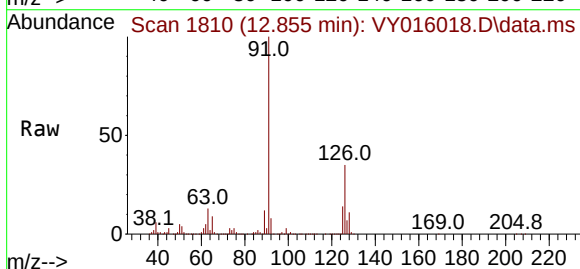
Manual Integrations
APPROVED

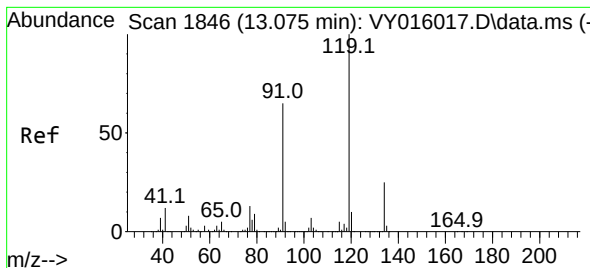
Reviewed By :John Carlone 10/19/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#82
4-Chlorotoluene
Concen: 100.708 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY016018.D
Acq: 18 Oct 2023 13:02

Tgt Ion: 91 Resp: 871057
Ion Ratio Lower Upper
91 100
126 34.7 17.2 51.6





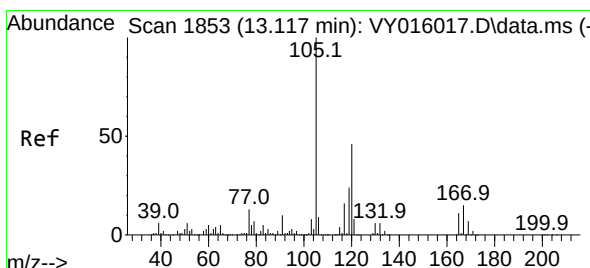
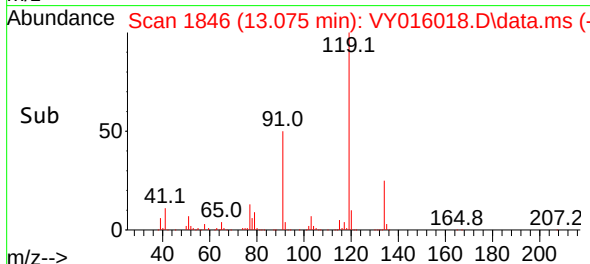
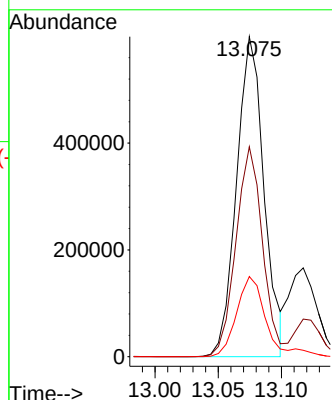
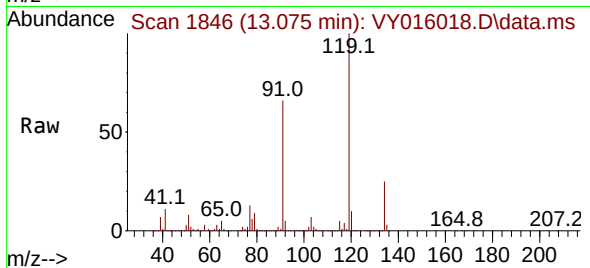
#83
tert-Butylbenzene
Concen: 101.843 ug/l
RT: 13.075 min Scan# 1846
Delta R.T. 0.000 min
Lab File: VY016018.D
Acq: 18 Oct 2023 13:02

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

Tgt Ion:119 Resp: 906735
Ion Ratio Lower Upper
119 100
91 63.2 32.9 98.6
134 27.0 13.0 38.9

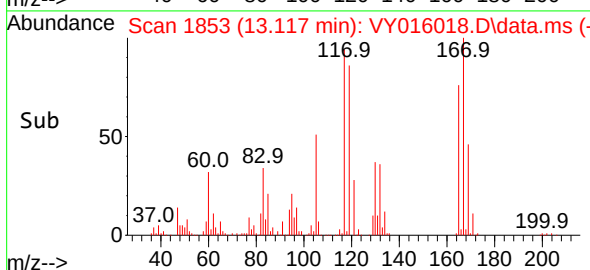
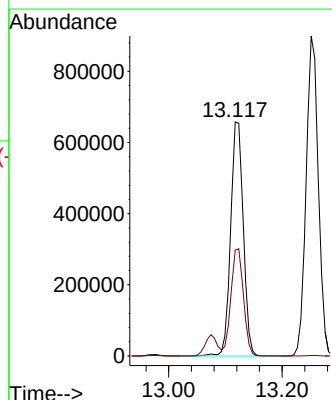
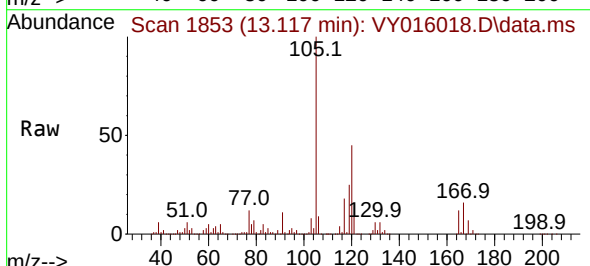
Manual Integrations
APPROVED

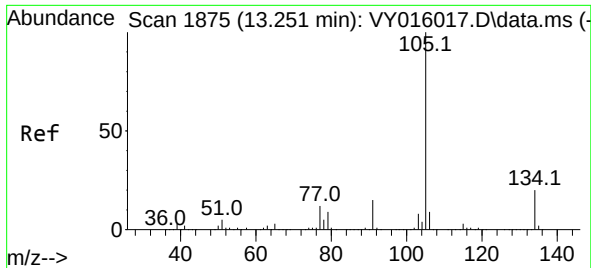
Reviewed By :John Carlone 10/19/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#84
1,2,4-Trimethylbenzene
Concen: 100.904 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VY016018.D
Acq: 18 Oct 2023 13:02

Tgt Ion:105 Resp: 1017389
Ion Ratio Lower Upper
105 100
120 45.5 22.2 66.6





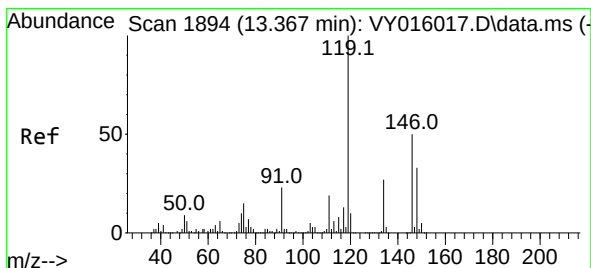
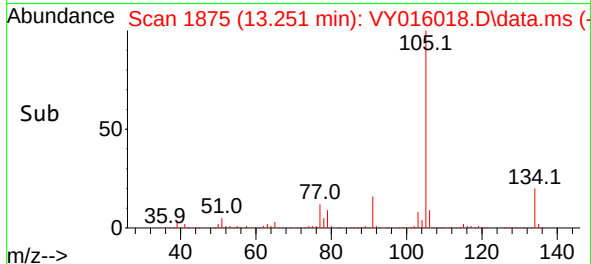
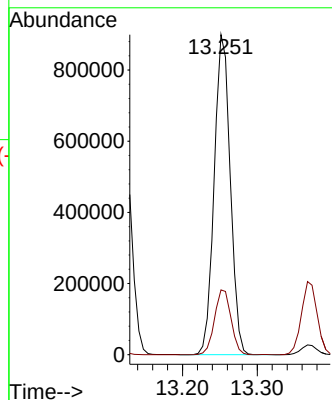
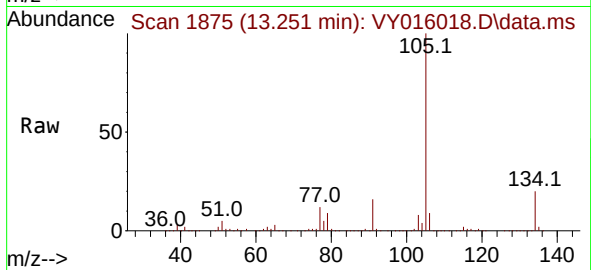
#85
 sec-Butylbenzene
 Concen: 100.964 ug/l
 RT: 13.251 min Scan# 1875
 Delta R.T. 0.000 min
 Lab File: VY016018.D
 Acq: 18 Oct 2023 13:02

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC100

Tgt Ion:105 Resp: 134253
 Ion Ratio Lower Upper
 105 100
 134 20.8 10.2 30.6

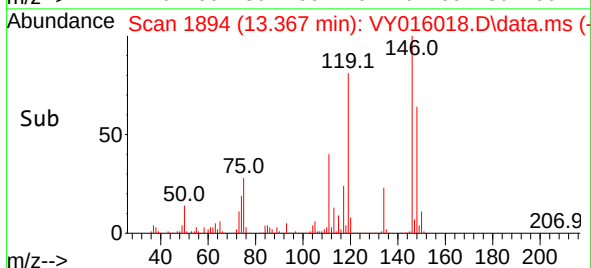
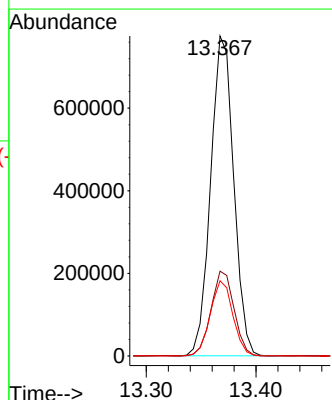
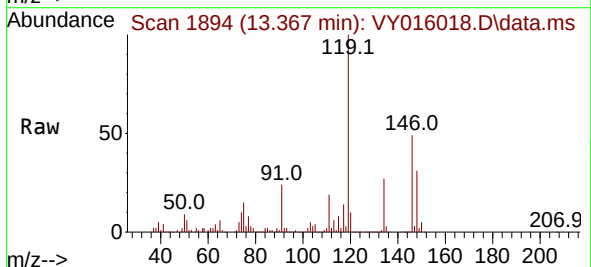
Manual Integrations
 APPROVED

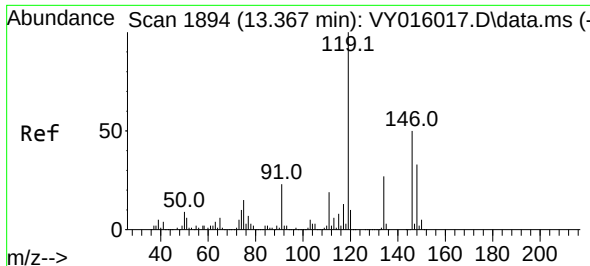
Reviewed By :John Carbone 10/19/2023
 Supervised By :Semsettin Yesilyurt 10/20/2023



#86
 p-Isopropyltoluene
 Concen: 101.763 ug/l
 RT: 13.367 min Scan# 1894
 Delta R.T. 0.000 min
 Lab File: VY016018.D
 Acq: 18 Oct 2023 13:02

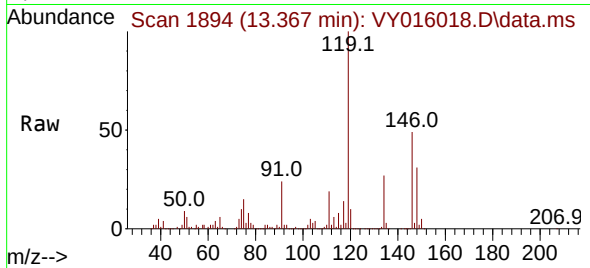
Tgt Ion:119 Resp: 1130812
 Ion Ratio Lower Upper
 119 100
 134 26.5 13.3 39.8
 91 23.0 12.4 37.4





#87
1,3-Dichlorobenzene
Concen: 100.346 ug/l
RT: 13.367 min Scan# 1894
Delta R.T. 0.000 min
Lab File: VY016018.D
Acq: 18 Oct 2023 13:02

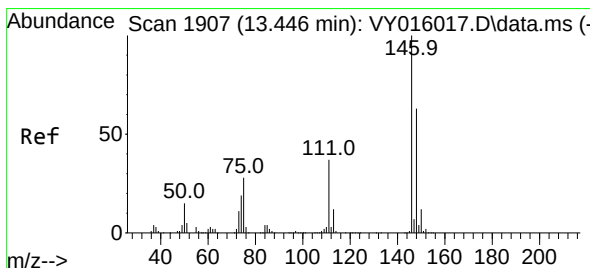
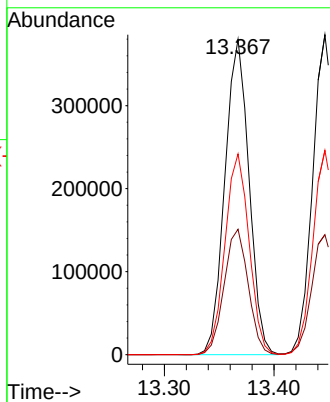
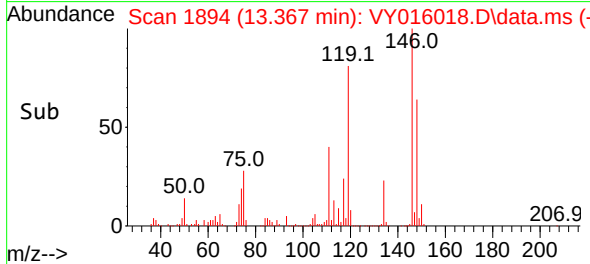
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100



Tgt Ion:146 Resp: 580900
Ion Ratio Lower Upper
146 100
111 39.8 19.4 58.2
148 63.6 31.9 95.5

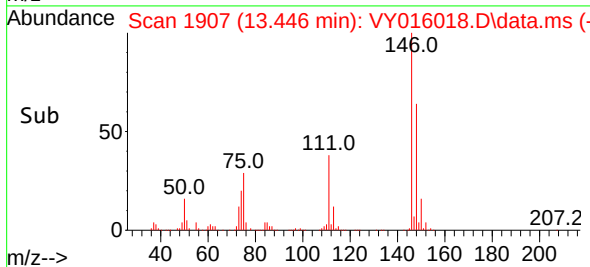
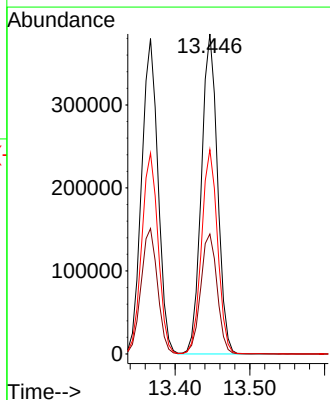
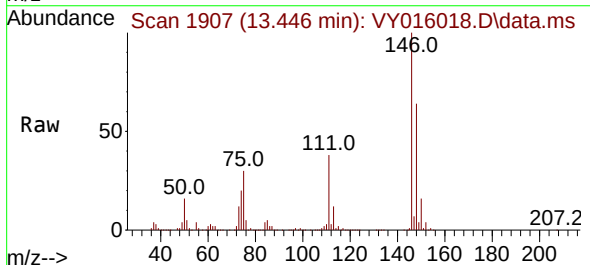
Manual Integrations
APPROVED

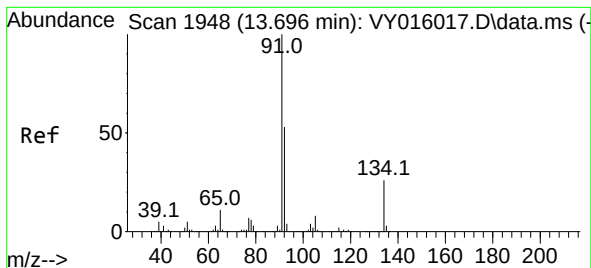
Reviewed By :John Carlone 10/19/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#88
1,4-Dichlorobenzene
Concen: 98.850 ug/l
RT: 13.446 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY016018.D
Acq: 18 Oct 2023 13:02

Tgt Ion:146 Resp: 576162
Ion Ratio Lower Upper
146 100
111 38.3 18.9 56.7
148 63.6 32.1 96.5





#89

n-Butylbenzene

Concen: 101.564 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. 0.000 min

Lab File: VY016018.D

Acq: 18 Oct 2023 13:02

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

Tgt Ion: 91 Resp: 105065

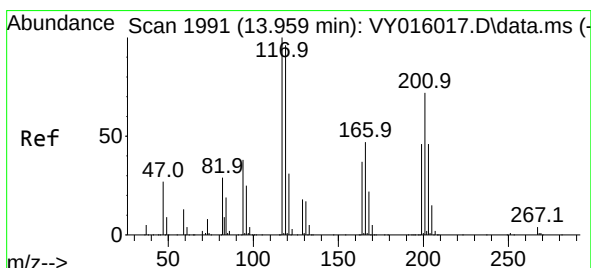
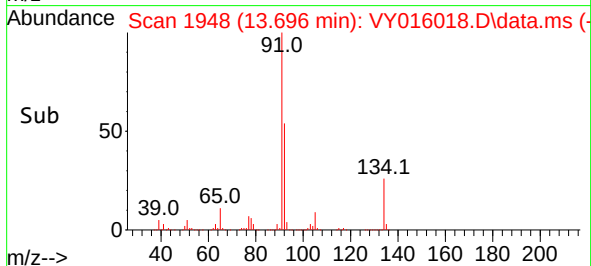
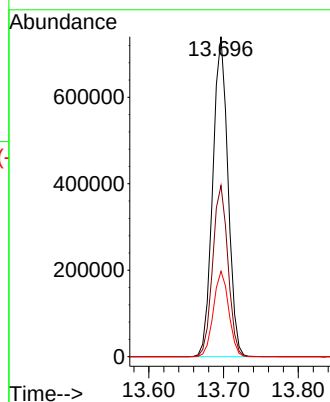
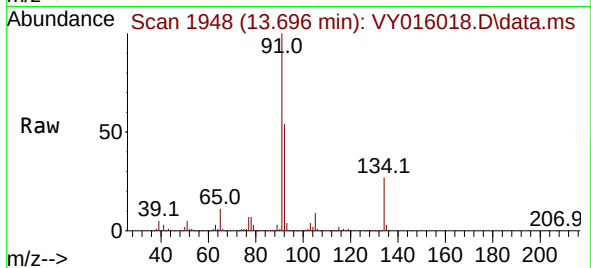
Ion	Ratio	Lower	Upper
91	100		
92	53.8	25.4	76.0
134	26.8	12.6	37.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/19/2023

Supervised By :Semsettin Yesilyurt 10/20/2023



#90

Hexachloroethane

Concen: 101.715 ug/l

RT: 13.959 min Scan# 1991

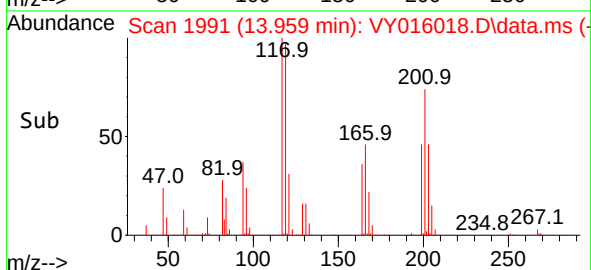
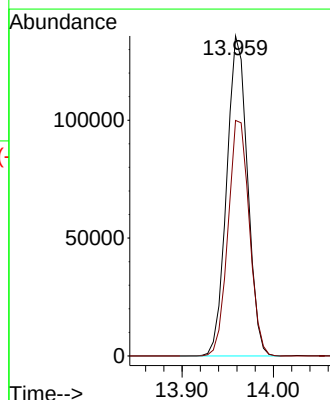
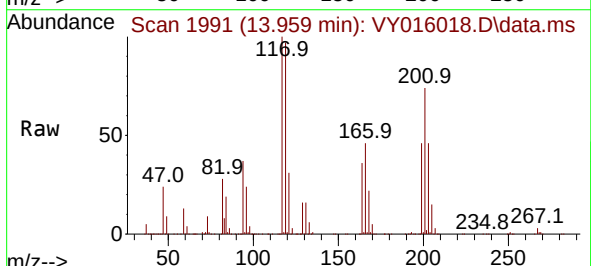
Delta R.T. 0.000 min

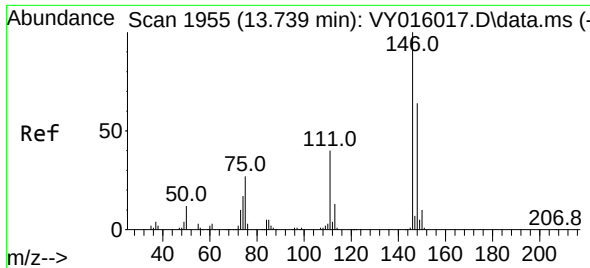
Lab File: VY016018.D

Acq: 18 Oct 2023 13:02

Tgt Ion:117 Resp: 215464

Ion	Ratio	Lower	Upper
117	100		
201	75.1	41.6	124.8





#91

1,2-Dichlorobenzene

Concen: 99.316 ug/l

RT: 13.739 min Scan# 1955

Delta R.T. 0.000 min

Lab File: VY016018.D

Acq: 18 Oct 2023 13:02

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

Tgt Ion:146 Resp: 527874

Ion Ratio Lower Upper

146 100

111 40.6 19.7 59.0

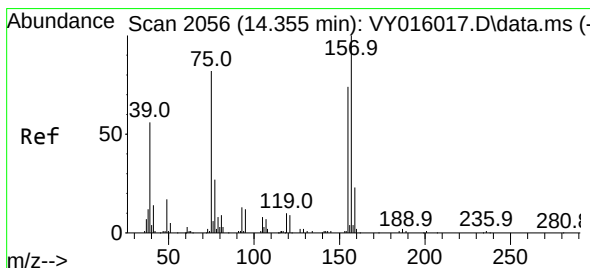
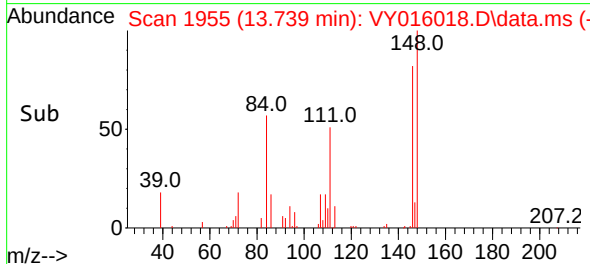
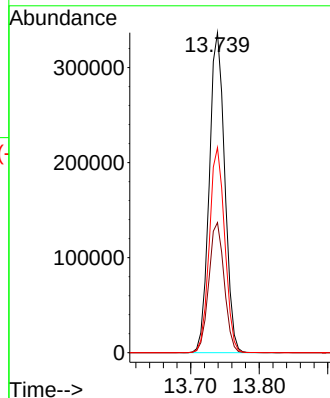
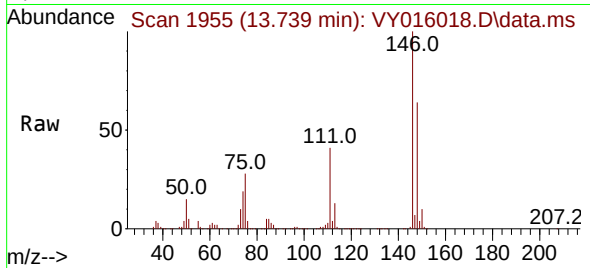
148 63.8 32.0 96.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/19/2023

Supervised By :Semsettin Yesilyurt 10/20/2023



#92

1,2-Dibromo-3-Chloropropane

Concen: 99.669 ug/l

RT: 14.355 min Scan# 2056

Delta R.T. 0.000 min

Lab File: VY016018.D

Acq: 18 Oct 2023 13:02

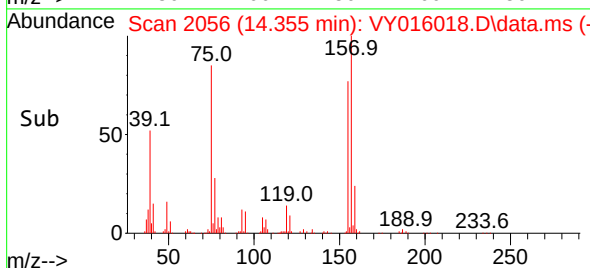
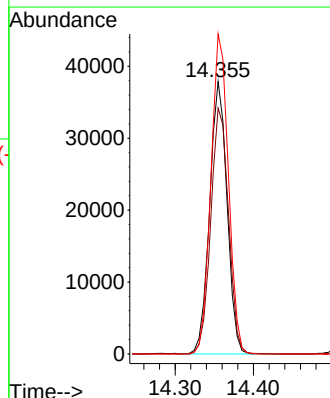
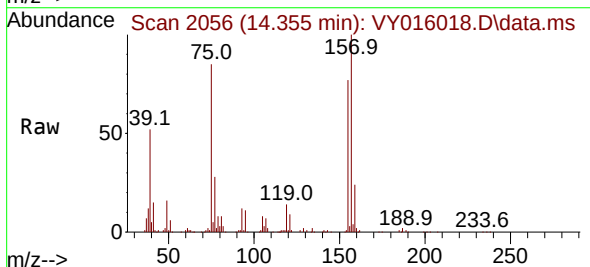
Tgt Ion: 75 Resp: 58250

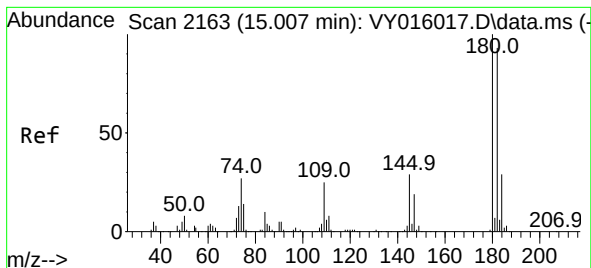
Ion Ratio Lower Upper

75 100

155 92.1 41.5 124.6

157 118.1 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 101.792 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY016018.D

Acq: 18 Oct 2023 13:02

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC100

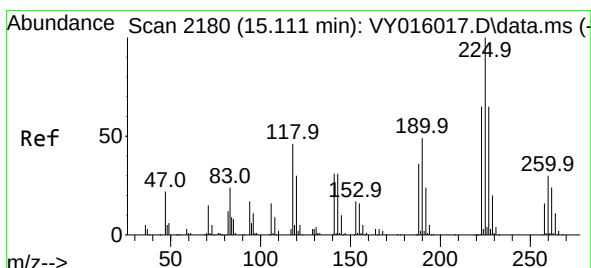
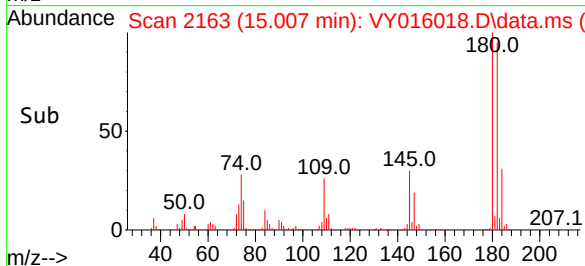
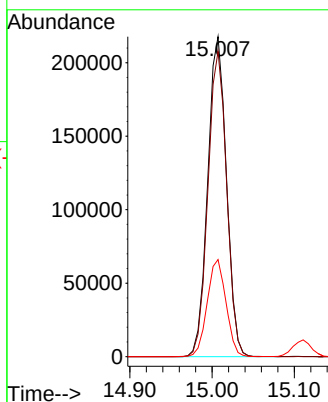
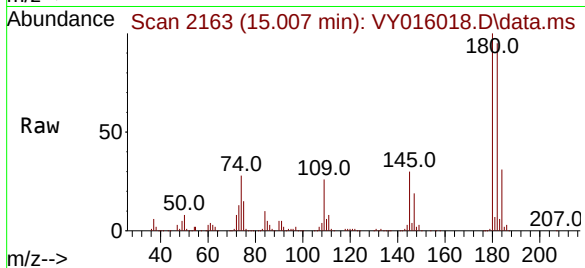
Tgt Ion:180	Resp: 34466
Ion Ratio	Lower Upper
180 100	
182 95.2	47.0 141.2
145 30.5	14.5 43.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/19/2023

Supervised By :Semsettin Yesilyurt 10/20/2023



#94

Hexachlorobutadiene

Concen: 97.075 ug/l

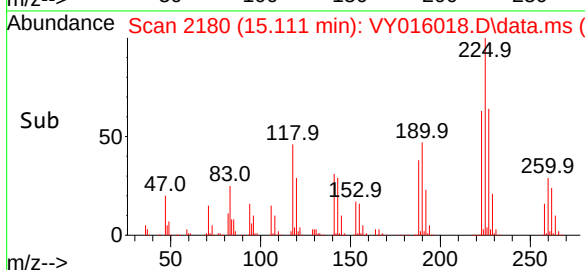
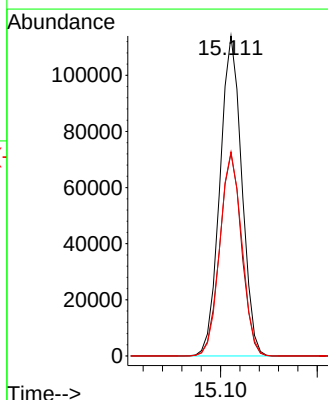
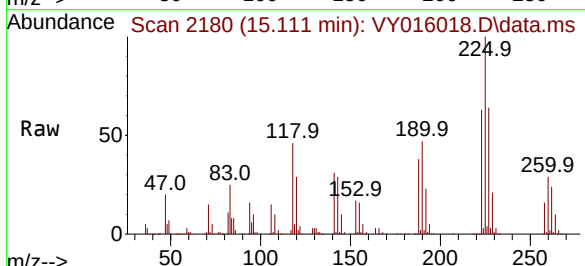
RT: 15.111 min Scan# 2180

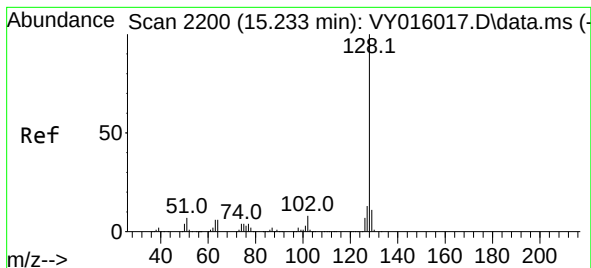
Delta R.T. 0.000 min

Lab File: VY016018.D

Acq: 18 Oct 2023 13:02

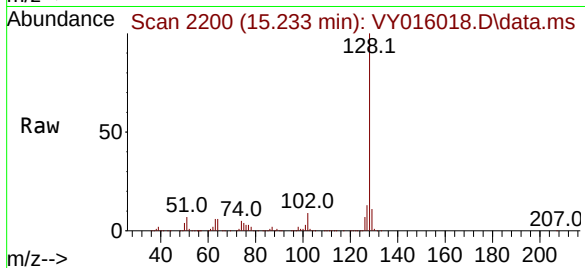
Tgt Ion:225	Resp: 178531
Ion Ratio	Lower Upper
225 100	
223 63.1	31.9 95.9
227 63.8	33.0 98.9





#95
Naphthalene
Concen: 105.147 ug/l
RT: 15.233 min Scan# 2200
Delta R.T. 0.000 min
Lab File: VY016018.D
Acq: 18 Oct 2023 13:02

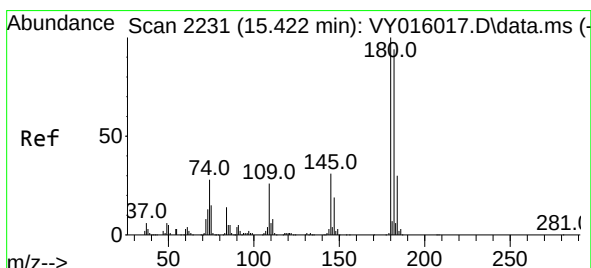
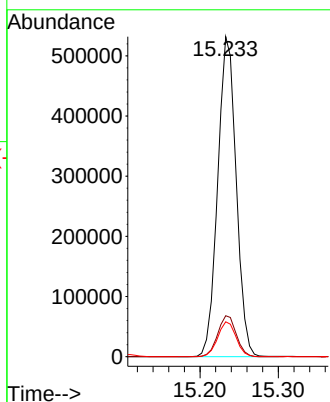
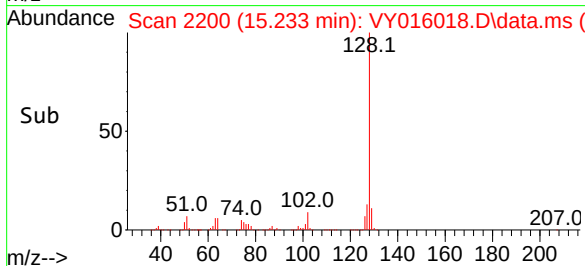
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100



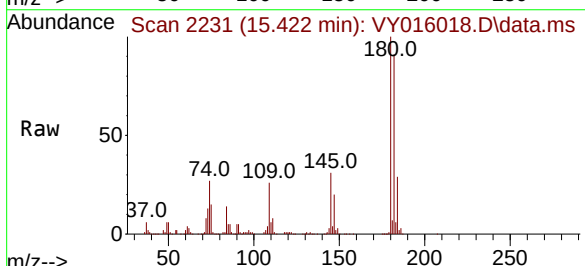
Tgt Ion:128 Resp: 873834
Ion Ratio Lower Upper
128 100
127 12.9 10.8 16.2
129 10.9 8.6 13.0

Manual Integrations
APPROVED

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



#96
1,2,3-Trichlorobenzene
Concen: 102.383 ug/l
RT: 15.422 min Scan# 2231
Delta R.T. 0.000 min
Lab File: VY016018.D
Acq: 18 Oct 2023 13:02



Tgt Ion:180 Resp: 316652
Ion Ratio Lower Upper
180 100
182 93.7 47.3 141.8
145 32.2 15.4 46.2

