

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102723\
 Data File : VY016120.D
 Acq On : 27 Oct 2023 21:37
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 10/30/2023
 Supervised By :Semsettin Yesilyurt 10/30/2023

Quant Time: Oct 30 09:19:27 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y102623S.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 27 04:12:29 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	243775	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	405421	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	363957	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	180813	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	127168	52.462	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 104.920%			
35) Dibromofluoromethane	7.728	113	125897	49.190	ug/l	0.01
Spiked Amount 50.000	Range 54 - 147		Recovery = 98.380%			
50) Toluene-d8	10.185	98	461177	48.645	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 97.280%			
62) 4-Bromofluorobenzene	12.483	95	170105	52.307	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 104.620%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	79859	47.467	ug/l	97
3) Chloromethane	2.119	50	90944	44.114	ug/l	98
4) Vinyl Chloride	2.253	62	103106	43.779	ug/l	97
5) Bromomethane	2.650	94	81320	46.454	ug/l	100
6) Chloroethane	2.796	64	73062	45.290	ug/l	96
7) Trichlorofluoromethane	3.131	101	179723	47.685	ug/l	100
8) Diethyl Ether	3.534	74	65539	51.882	ug/l	85
9) 1,1,2-Trichlorotrifluo...	3.906	101	106484	46.834	ug/l	97
10) Methyl Iodide	4.095	142	146738	50.510	ug/l	96
11) Tert butyl alcohol	4.966	59	59957	226.342	ug/l #	81
12) 1,1-Dichloroethene	3.875	96	99731	47.877	ug/l	90
13) Acrolein	3.735	56	60931	201.819	ug/l	100
14) Allyl chloride	4.485	41	151206	46.435	ug/l #	94
15) Acrylonitrile	5.174	53	165377	266.865	ug/l	98
16) Acetone	3.954	43	118815	180.840	ug/l	93
17) Carbon Disulfide	4.198	76	269102	46.702	ug/l	99
18) Methyl Acetate	4.485	43	127724	54.983	ug/l #	90
19) Methyl tert-butyl Ether	5.228	73	324877	54.689	ug/l	99
20) Methylene Chloride	4.722	84	141451	55.999	ug/l	88
21) trans-1,2-Dichloroethene	5.228	96	118617	49.124	ug/l	92
22) Diisopropyl ether	6.125	45	353640	49.666	ug/l	92
23) Vinyl Acetate	6.070	43	967880	253.705	ug/l #	92
24) 1,1-Dichloroethane	6.027	63	212781	49.602	ug/l	96
25) 2-Butanone	6.990	43	211351	238.344	ug/l	91
26) 2,2-Dichloropropane	6.990	77	182570	45.782	ug/l	98
27) cis-1,2-Dichloroethene	6.990	96	142738	50.335	ug/l	92
28) Bromochloromethane	7.344	49	83356	47.497	ug/l	87
29) Tetrahydrofuran	7.356	42	137961	271.160	ug/l	88
30) Chloroform	7.515	83	229371	50.616	ug/l	94
31) Cyclohexane	7.795	56	168571	44.204	ug/l	89
32) 1,1,1-Trichloroethane	7.710	97	199996	49.203	ug/l	98
36) 1,1-Dichloropropene	7.923	75	161508	45.270	ug/l	99
37) Ethyl Acetate	7.076	43	94767	51.824	ug/l #	93
38) Carbon Tetrachloride	7.905	117	178283	47.256	ug/l	97
39) Methylcyclohexane	9.191	83	202840	46.670	ug/l	91
40) Benzene	8.167	78	499207	49.423	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.320	41	48328m	50.499	ug/l	
42) 1,2-Dichloroethane	8.246	62	148309	50.815	ug/l	93
43) Isopropyl Acetate	8.277	43	181799	53.172	ug/l #	92
44) Trichloroethene	8.947	130	137201	48.645	ug/l	97
45) 1,2-Dichloropropane	9.222	63	123594	48.346	ug/l	96
46) Dibromomethane	9.313	93	75735	50.525	ug/l	99
47) Bromodichloromethane	9.502	83	182000	50.205	ug/l	96
48) Methyl methacrylate	9.295	41	81740	51.893	ug/l #	86
49) 1,4-Dioxane	9.301	88	21102	1125.207	ug/l #	52
51) 4-Methyl-2-Pentanone	10.075	43	482984	267.713	ug/l	91
52) Toluene	10.246	92	332451	51.256	ug/l	94
53) t-1,3-Dichloropropene	10.471	75	186748	50.377	ug/l	99
54) cis-1,3-Dichloropropene	9.935	75	207935	49.600	ug/l	89
55) 1,1,2-Trichloroethane	10.648	97	105641	49.603	ug/l	97
56) Ethyl methacrylate	10.514	69	150053	54.823	ug/l #	85
57) 1,3-Dichloropropane	10.795	76	179212	50.339	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.789	63	356218	261.426	ug/l	91
59) 2-Hexanone	10.837	43	342254	257.534	ug/l	89
60) Dibromochloromethane	10.990	129	133715	51.271	ug/l	100
61) 1,2-Dibromoethane	11.093	107	105444	51.705	ug/l	100
64) Tetrachloroethene	10.721	164	128169	53.215	ug/l	96
65) Chlorobenzene	11.520	112	343448	48.019	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.593	131	133167	49.856	ug/l	99
67) Ethyl Benzene	11.599	91	616845	48.555	ug/l	99
68) m/p-Xylenes	11.709	106	490016	99.671	ug/l	95
69) o-Xylene	12.032	106	240071	51.007	ug/l	96
70) Styrene	12.050	104	403334	51.409	ug/l	96
71) Bromoform	12.215	173	85974	52.841	ug/l #	100
73) Isopropylbenzene	12.331	105	603137	47.398	ug/l	99
74) N-amyl acetate	12.148	43	174765	56.325	ug/l #	79
75) 1,1,2,2-Tetrachloroethane	12.587	83	130472	50.158	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	89327m	48.389	ug/l	
77) Bromobenzene	12.611	156	148496	50.002	ug/l	96
78) n-propylbenzene	12.672	91	719774	46.716	ug/l	98
79) 2-Chlorotoluene	12.758	91	414506	48.036	ug/l	99
80) 1,3,5-Trimethylbenzene	12.819	105	518111	49.041	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.380	75	43096	50.732	ug/l	92
82) 4-Chlorotoluene	12.861	91	425920	47.595	ug/l	99
83) tert-Butylbenzene	13.081	119	459061	48.883	ug/l	98
84) 1,2,4-Trimethylbenzene	13.123	105	533816	51.160	ug/l	98
85) sec-Butylbenzene	13.258	105	661898	47.322	ug/l	99
86) p-Isopropyltoluene	13.373	119	559073	47.902	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	288394	48.092	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	286798	48.391	ug/l	99
89) n-Butylbenzene	13.696	91	519460	47.713	ug/l	96
90) Hexachloroethane	13.965	117	106294	46.779	ug/l	93
91) 1,2-Dichlorobenzene	13.745	146	262318	49.406	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	22516	55.136	ug/l	87
93) 1,2,4-Trichlorobenzene	15.013	180	166096	50.566	ug/l	97
94) Hexachlorobutadiene	15.117	225	91812	48.159	ug/l	97
95) Naphthalene	15.239	128	932005	145.488	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	147892	52.209	ug/l	98

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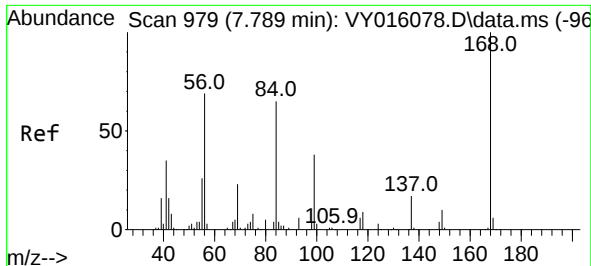
Manual Integrations
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Supervised By :Semsettin Yesilyurt 10/30/2023

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Response via : Initial Calibration

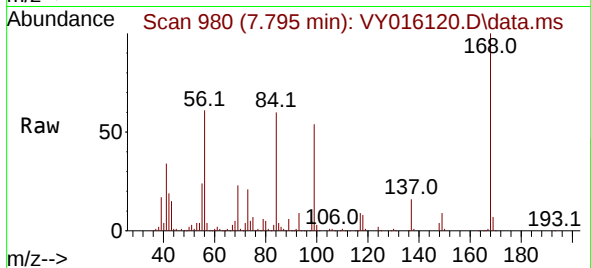
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
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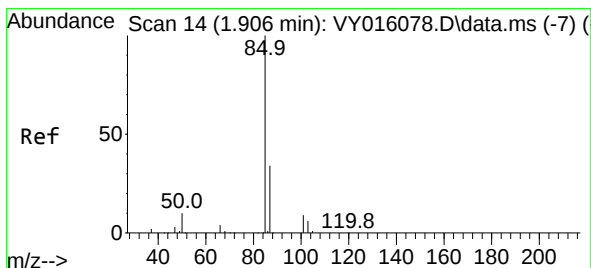
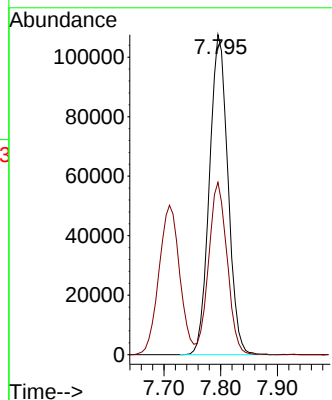
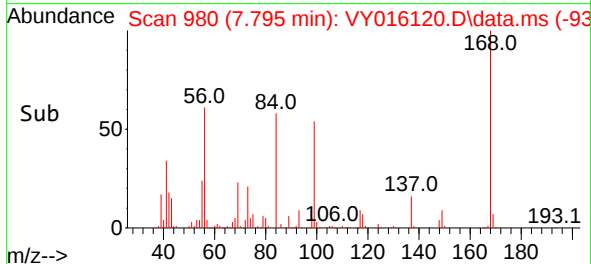
Instrument :
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ClientSampleId :
VSTDCCC050EC



Tgt Ion:168 Resp: 243775
Ion Ratio Lower Upper
168 100
99 53.8 43.4 65.0

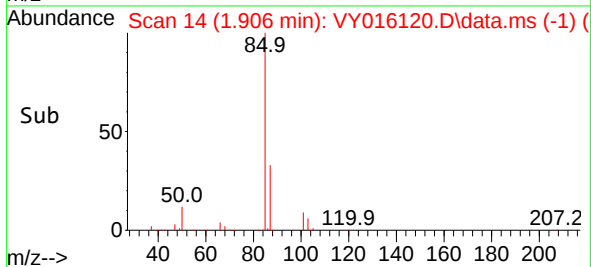
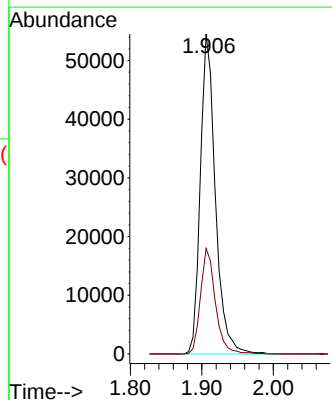
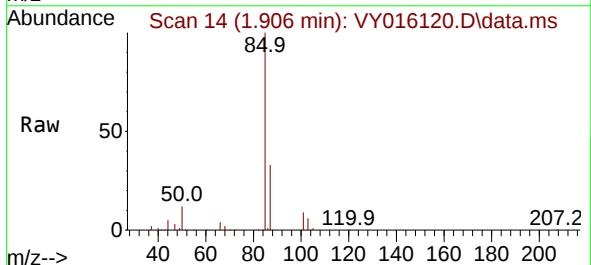
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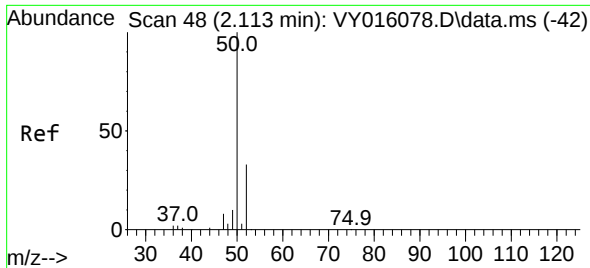
Reviewed By :Mahesh Dadoda 10/30/2023
Supervised By :Semsettin Yesilyurt 10/30/2023



#2
Dichlorodifluoromethane
Concen: 47.467 ug/l
RT: 1.906 min Scan# 14
Delta R.T. 0.000 min
Lab File: VY016120.D
Acq: 27 Oct 2023 21:37

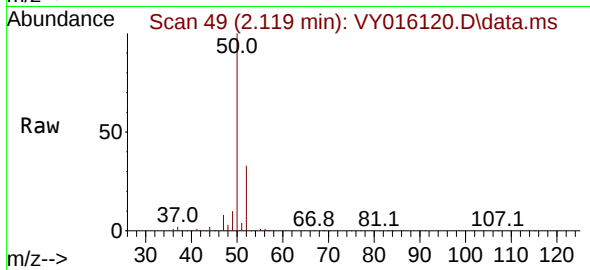
Tgt Ion: 85 Resp: 79859
Ion Ratio Lower Upper
85 100
87 32.9 15.6 46.8





#3
Chloromethane
Concen: 44.114 ug/l
RT: 2.119 min Scan# 49
Delta R.T. 0.006 min
Lab File: VY016120.D
Acq: 27 Oct 2023 21:37

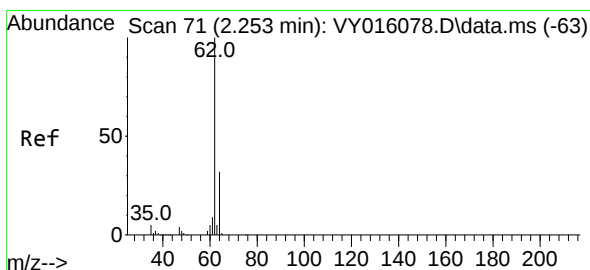
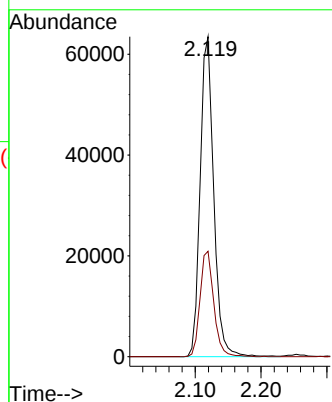
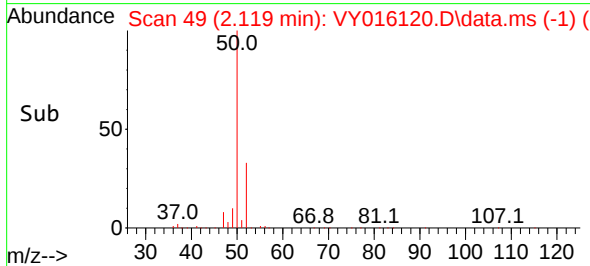
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Tgt Ion: 50 Resp: 90944
Ion Ratio Lower Upper
50 100
52 33.0 25.4 38.2

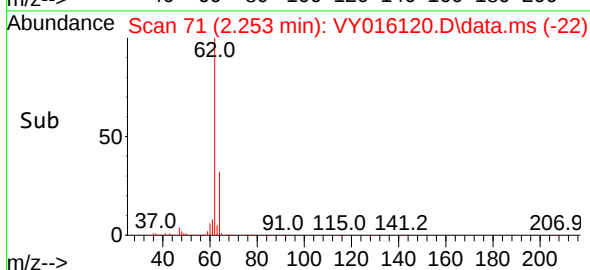
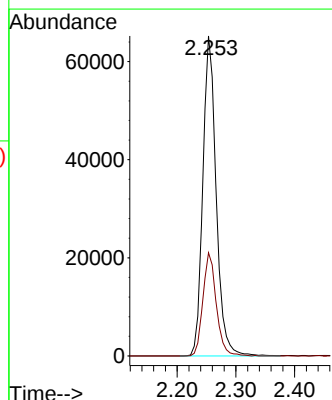
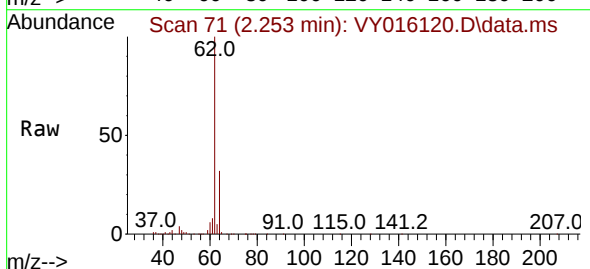
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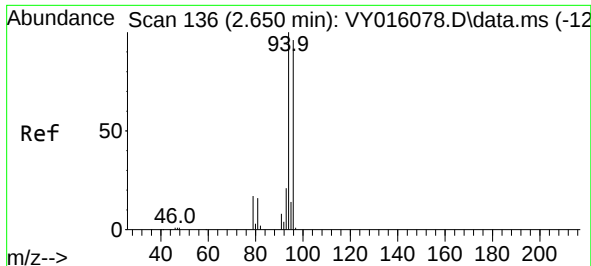
Reviewed By :Mahesh Dadoda 10/30/2023
Supervised By :Semsettin Yesilyurt 10/30/2023



#4
Vinyl Chloride
Concen: 43.779 ug/l
RT: 2.253 min Scan# 71
Delta R.T. 0.000 min
Lab File: VY016120.D
Acq: 27 Oct 2023 21:37

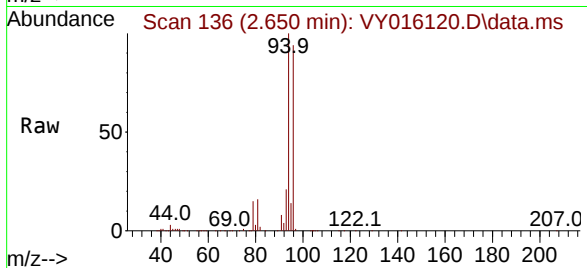
Tgt Ion: 62 Resp: 103106
Ion Ratio Lower Upper
62 100
64 32.3 24.3 36.5





#5
Bromomethane
Concen: 46.454 ug/l
RT: 2.650 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY016120.D
Acq: 27 Oct 2023 21:37

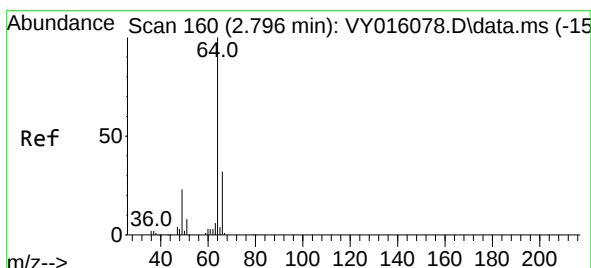
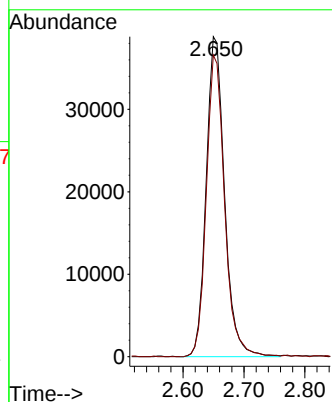
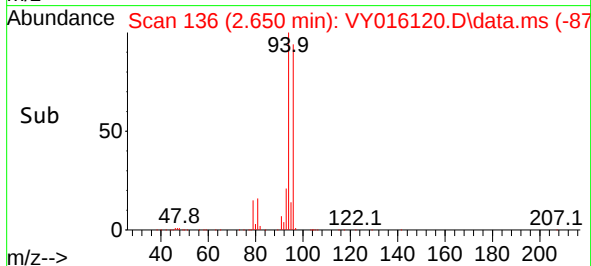
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Tgt Ion: 94 Resp: 81320
Ion Ratio Lower Upper
94 100
96 94.2 75.8 113.6

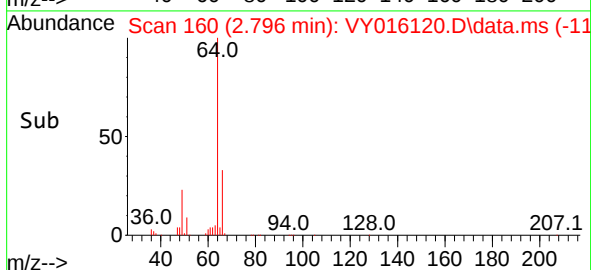
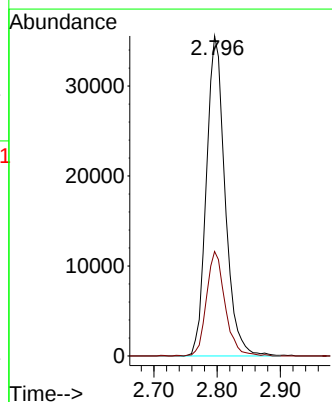
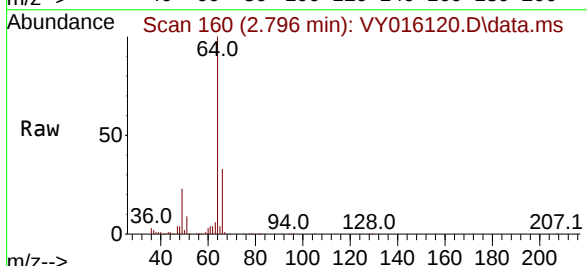
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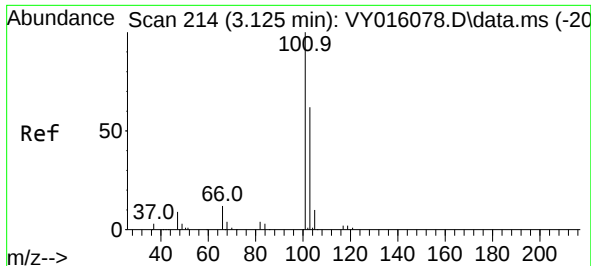
Reviewed By :Mahesh Dadoda 10/30/2023
Supervised By :Semsettin Yesilyurt 10/30/2023



#6
Chloroethane
Concen: 45.290 ug/l
RT: 2.796 min Scan# 160
Delta R.T. 0.000 min
Lab File: VY016120.D
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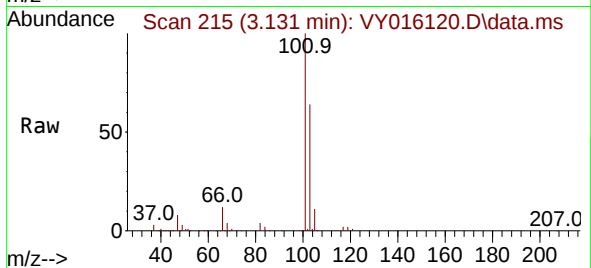
Tgt Ion: 64 Resp: 73062
Ion Ratio Lower Upper
64 100
66 32.7 24.4 36.6





#7
 Trichlorofluoromethane
 Concen: 47.685 ug/l
 RT: 3.131 min Scan# 215
 Delta R.T. 0.006 min
 Lab File: VY016120.D
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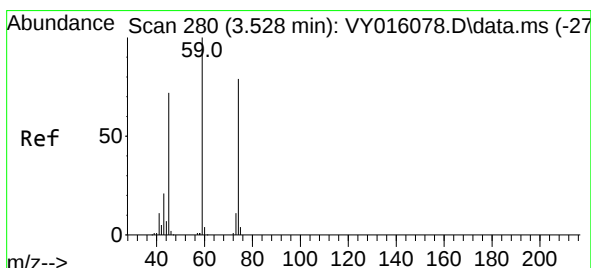
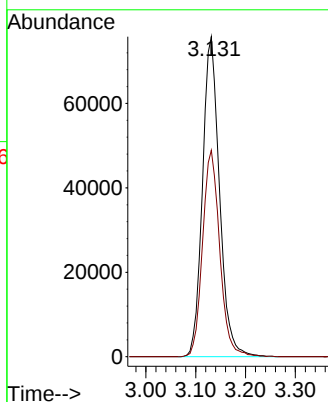
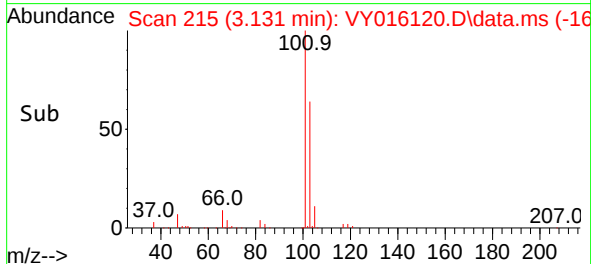
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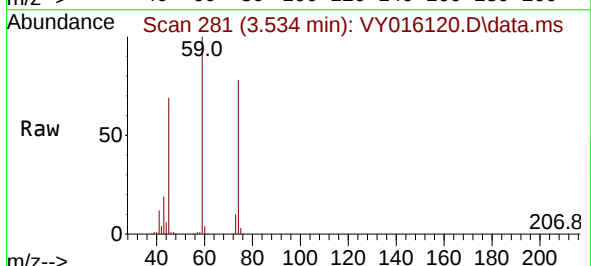
Tgt Ion:101 Resp: 17972
 Ion Ratio Lower Upper
 101 100
 103 64.5 51.4 77.0

Manual Integrations
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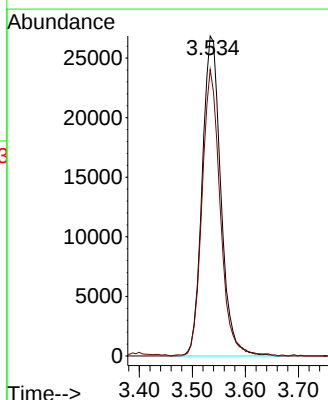
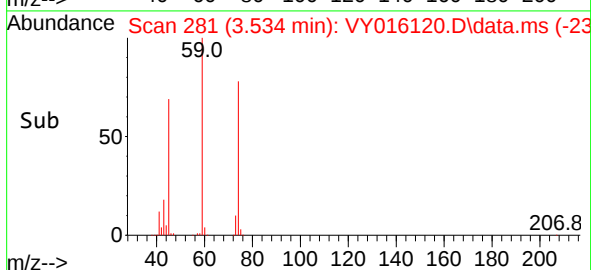
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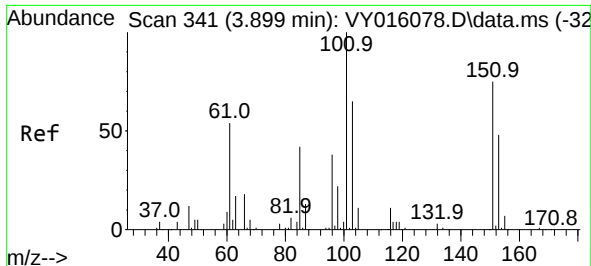


#8
 Diethyl Ether
 Concen: 51.882 ug/l
 RT: 3.534 min Scan# 281
 Delta R.T. 0.006 min
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Tgt Ion: 74 Resp: 65539
 Ion Ratio Lower Upper
 74 100
 45 87.3 51.5 154.5





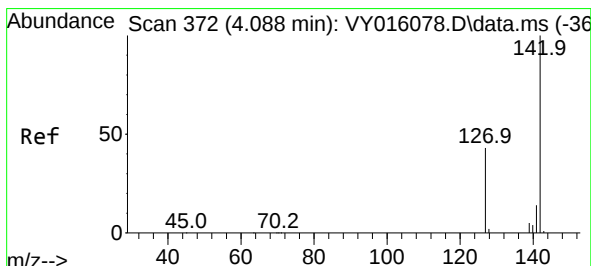
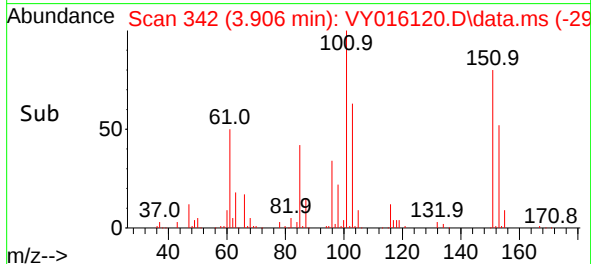
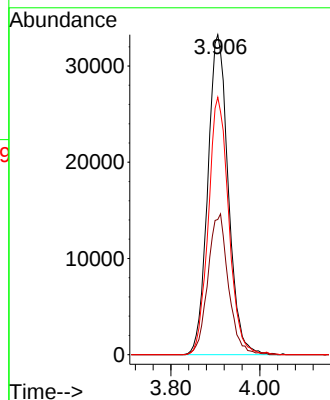
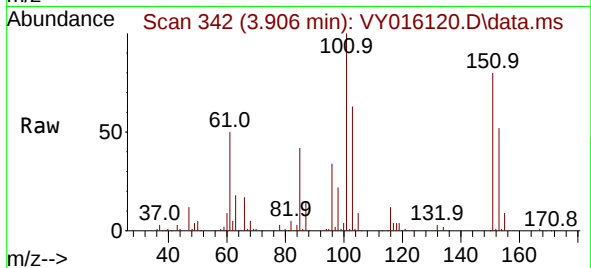
#9
1,1,2-Trichlorotrifluoroethane
Concen: 46.834 ug/l
RT: 3.906 min Scan# 341
Delta R.T. 0.006 min
Lab File: VY016120.D
Acq: 27 Oct 2023 21:37

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 106484
Ion Ratio Lower Upper
101 100
85 44.2 36.6 55.0
151 80.2 67.0 100.6

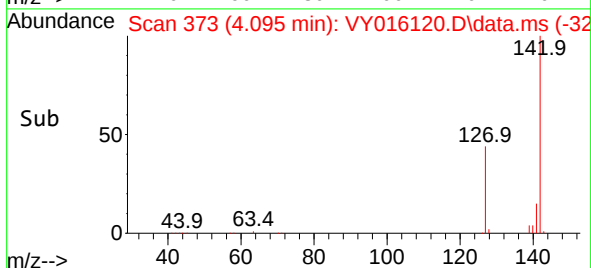
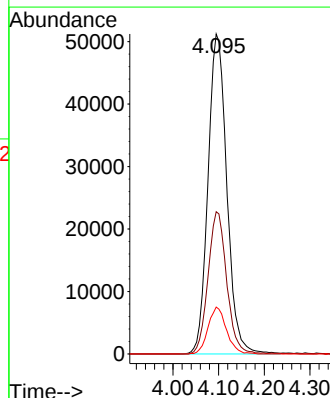
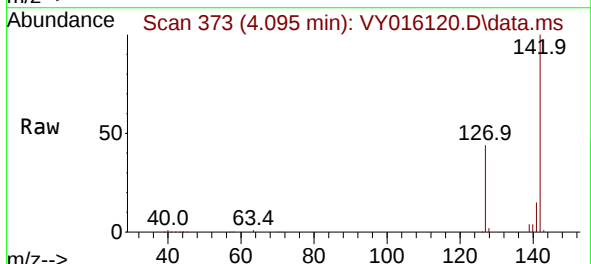
Manual Integrations
APPROVED

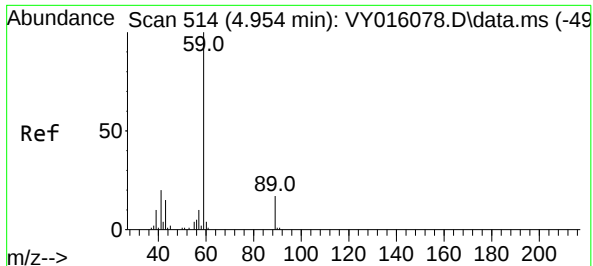
Reviewed By :Mahesh Dadoda 10/30/2023
Supervised By :Semsettin Yesilyurt 10/30/2023



#10
Methyl Iodide
Concen: 50.510 ug/l
RT: 4.095 min Scan# 373
Delta R.T. 0.006 min
Lab File: VY016120.D
Acq: 27 Oct 2023 21:37

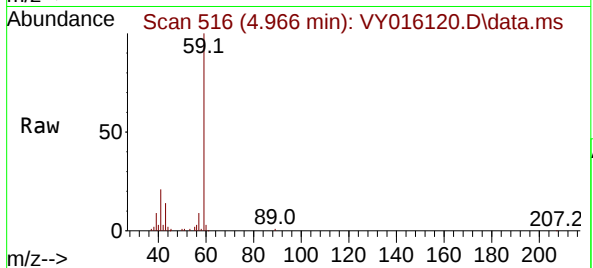
Tgt Ion:142 Resp: 146738
Ion Ratio Lower Upper
142 100
127 44.0 37.6 56.4
141 14.3 11.8 17.8





#11
Tert butyl alcohol
Concen: 226.342 ug/l
RT: 4.966 min Scan# 514
Delta R.T. 0.012 min
Lab File: VY016120.D
Acq: 27 Oct 2023 21:37

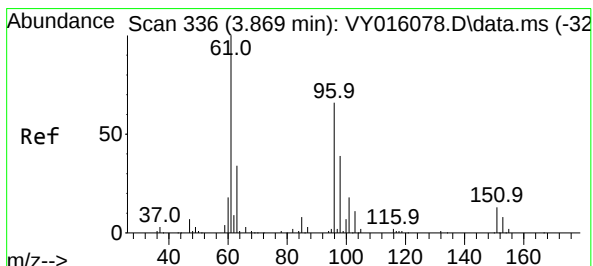
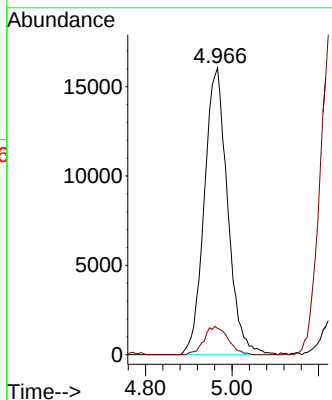
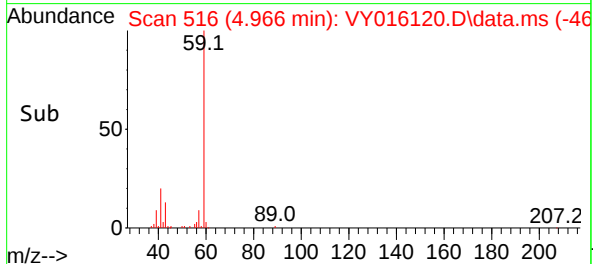
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 59 Resp: 5995
Ion Ratio Lower Upper
59 100
57 10.1 3.0 4.4

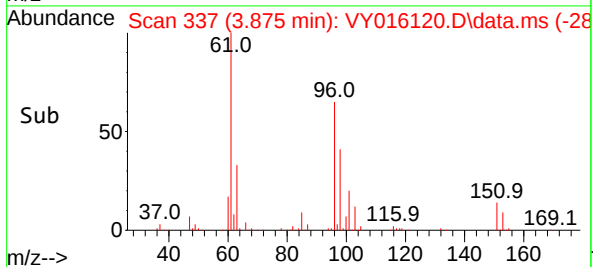
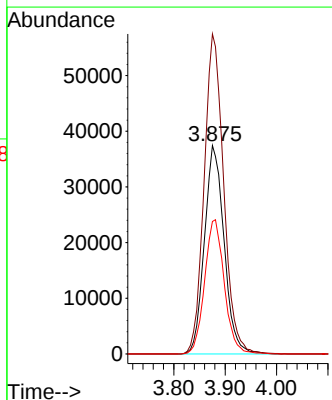
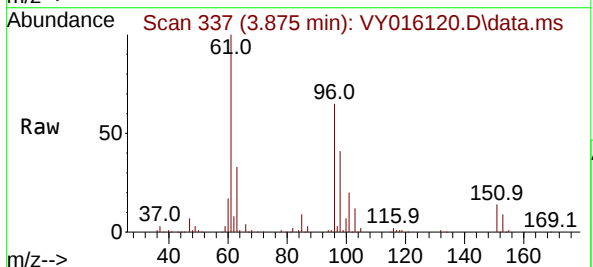
Manual Integrations
APPROVED

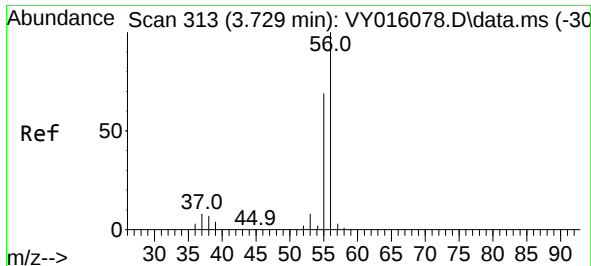
Reviewed By :Mahesh Dadoda 10/30/2023
Supervised By :Semsettin Yesilyurt 10/30/2023



#12
1,1-Dichloroethene
Concen: 47.877 ug/l
RT: 3.875 min Scan# 337
Delta R.T. 0.006 min
Lab File: VY016120.D
Acq: 27 Oct 2023 21:37

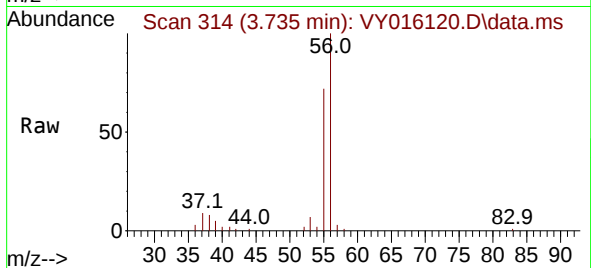
Tgt Ion: 96 Resp: 99731
Ion Ratio Lower Upper
96 100
61 153.5 136.4 204.6
98 63.5 49.4 74.2





#13
Acrolein
Concen: 201.819 ug/l
RT: 3.735 min Scan# 313
Delta R.T. 0.006 min
Lab File: VY016120.D
Acq: 27 Oct 2023 21:37

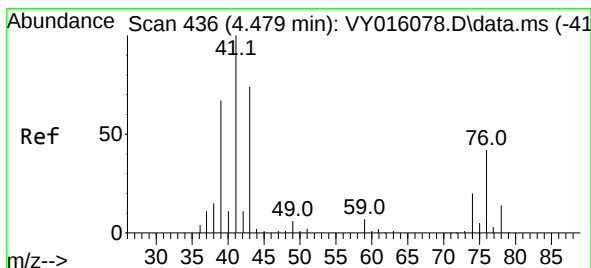
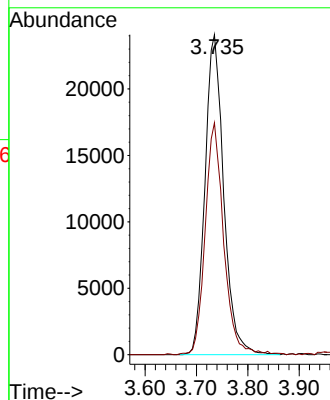
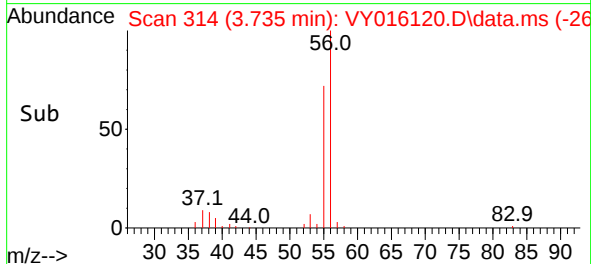
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 6093
Ion Ratio Lower Upper
56 100
55 71.6 57.0 85.4

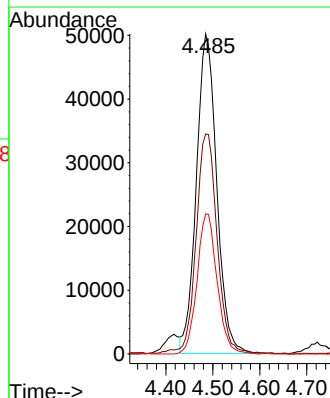
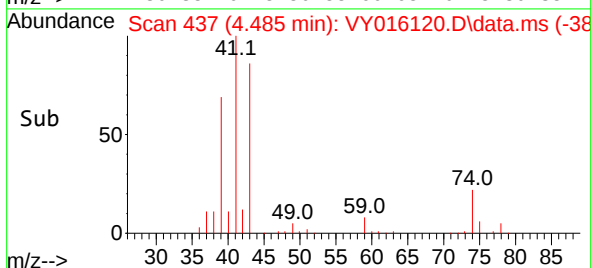
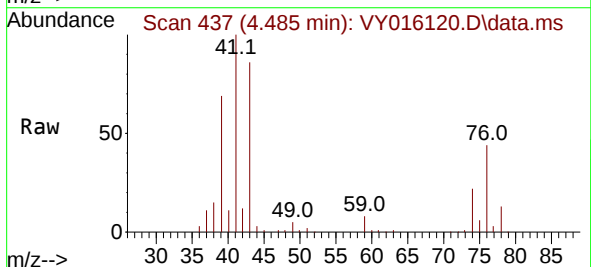
Manual Integrations
APPROVED

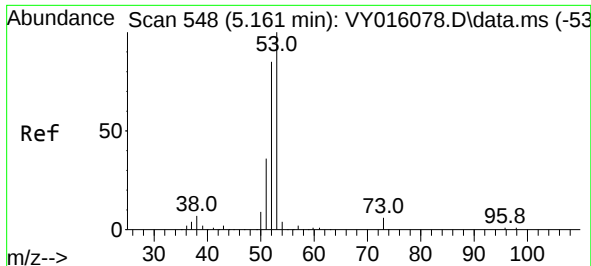
Reviewed By :Mahesh Dadoda 10/30/2023
Supervised By :Semsettin Yesilyurt 10/30/2023



#14
Allyl chloride
Concen: 46.435 ug/l
RT: 4.485 min Scan# 437
Delta R.T. 0.006 min
Lab File: VY016120.D
Acq: 27 Oct 2023 21:37

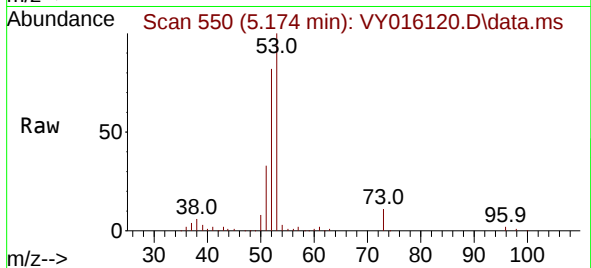
Tgt Ion: 41 Resp: 151206
Ion Ratio Lower Upper
41 100
39 70.8 58.0 87.0
76 43.0 27.4 41.2#





#15
Acrylonitrile
Concen: 266.865 ug/l
RT: 5.174 min Scan# 51
Delta R.T. 0.012 min
Lab File: VY016120.D
Acq: 27 Oct 2023 21:37

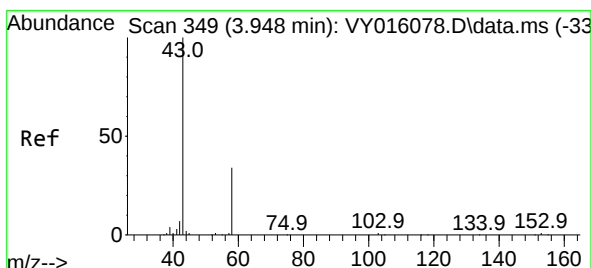
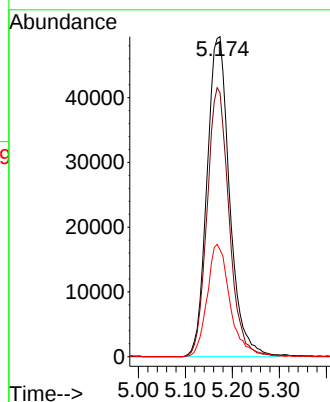
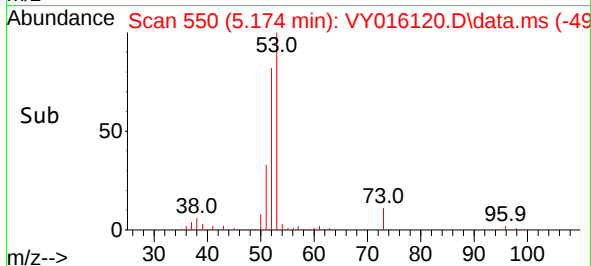
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



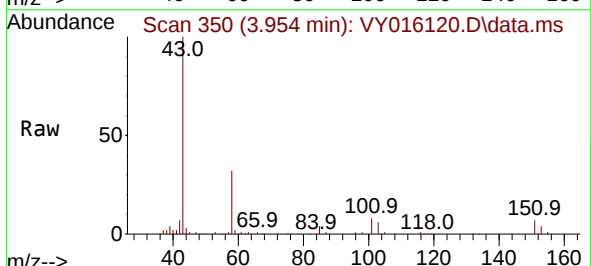
Tgt Ion: 53 Resp: 16537
Ion Ratio Lower Upper
53 100
52 81.6 66.9 100.3
51 35.7 29.8 44.6

Manual Integrations
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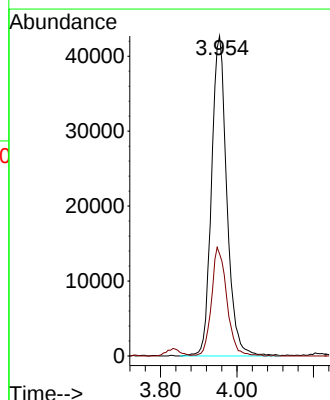
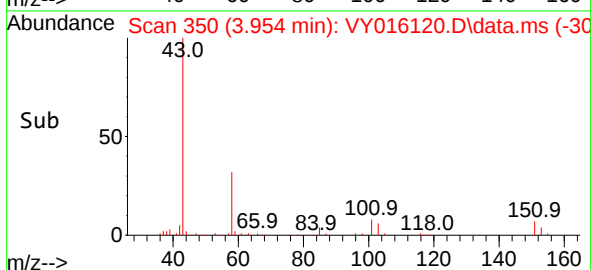
Reviewed By :Mahesh Dadoda 10/30/2023
Supervised By :Semsettin Yesilyurt 10/30/2023

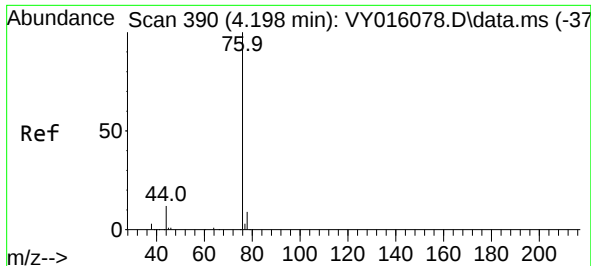


#16
Acetone
Concen: 180.840 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.006 min
Lab File: VY016120.D
Acq: 27 Oct 2023 21:37



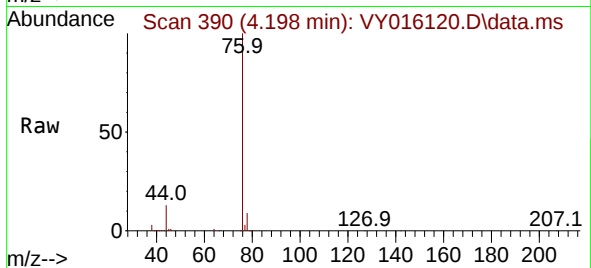
Tgt Ion: 43 Resp: 118815
Ion Ratio Lower Upper
43 100
58 31.9 22.7 34.1





#17
Carbon Disulfide
Concen: 46.702 ug/l
RT: 4.198 min Scan# 390
Delta R.T. 0.000 min
Lab File: VY016120.D
Acq: 27 Oct 2023 21:37

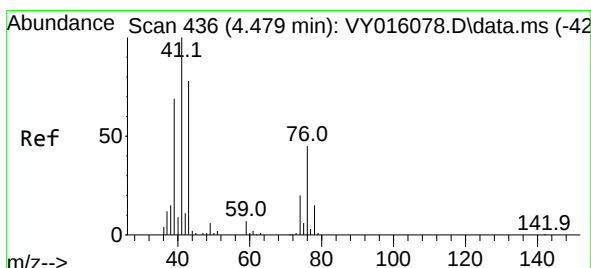
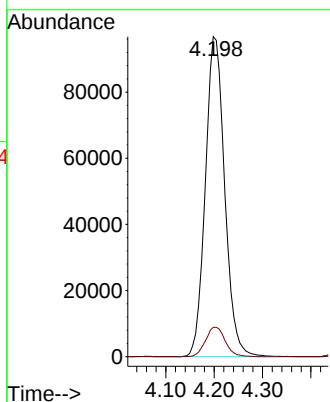
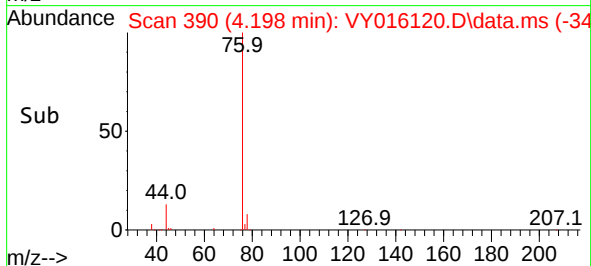
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 76 Resp: 26910
Ion Ratio Lower Upper
76 100
78 9.1 7.0 10.4

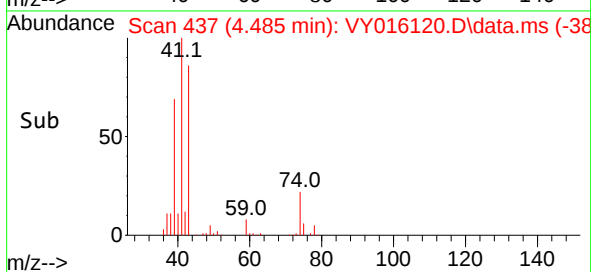
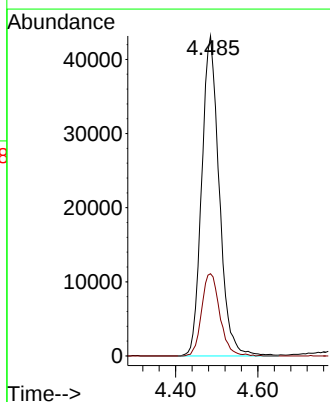
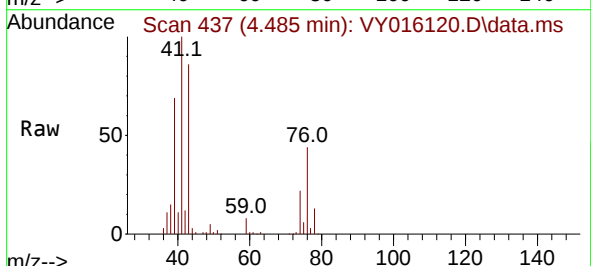
Manual Integrations
APPROVED

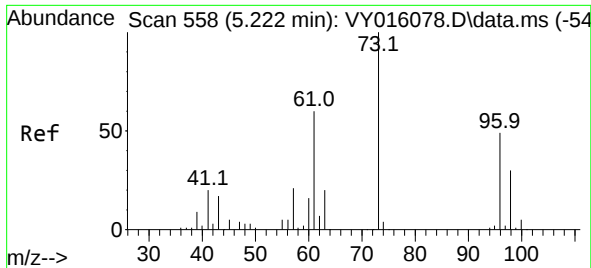
Reviewed By :Mahesh Dadoda 10/30/2023
Supervised By :Semsettin Yesilyurt 10/30/2023



#18
Methyl Acetate
Concen: 54.983 ug/l
RT: 4.485 min Scan# 437
Delta R.T. 0.006 min
Lab File: VY016120.D
Acq: 27 Oct 2023 21:37

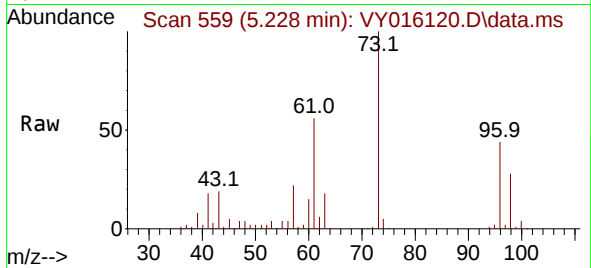
Tgt Ion: 43 Resp: 127724
Ion Ratio Lower Upper
43 100
74 26.7 17.4 26.0#





#19
Methyl tert-butyl Ether
Concen: 54.689 ug/l
RT: 5.228 min Scan# 511
Delta R.T. 0.006 min
Lab File: VY016120.D
Acq: 27 Oct 2023 21:37

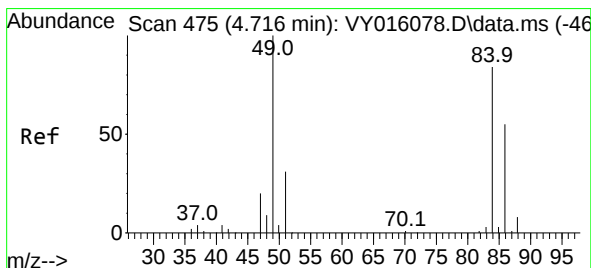
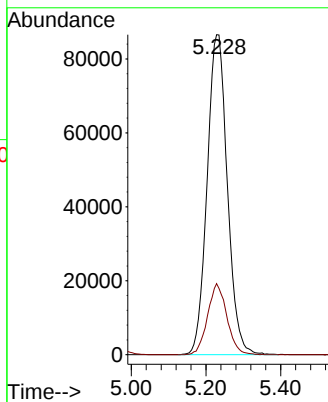
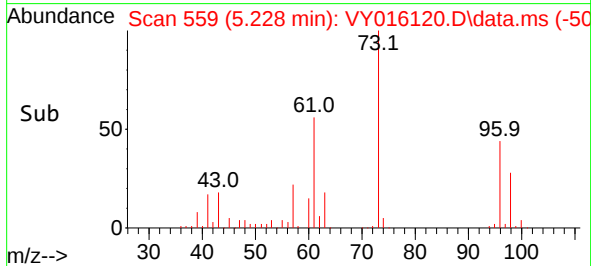
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



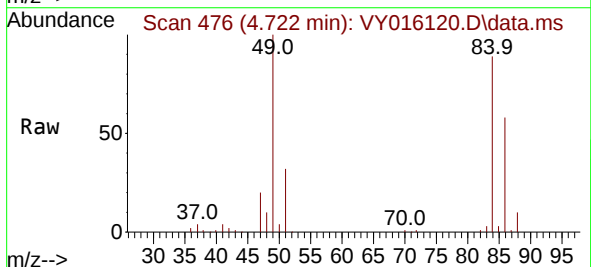
Tgt Ion: 73 Resp: 32487
Ion Ratio Lower Upper
73 100
57 22.2 17.3 25.9

Manual Integrations
APPROVED

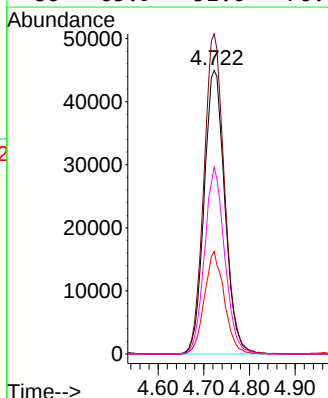
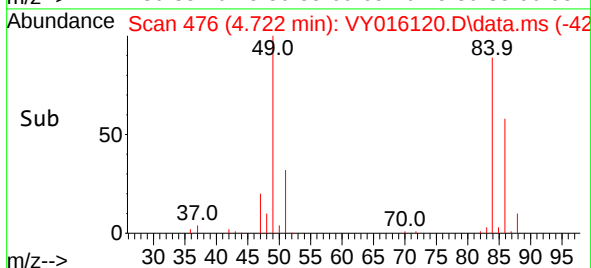
Reviewed By :Mahesh Dadoda 10/30/2023
Supervised By :Semsettin Yesilyurt 10/30/2023

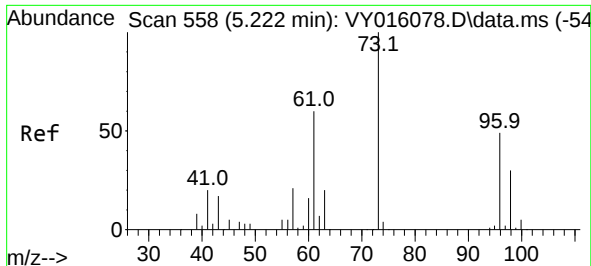


#20
Methylene Chloride
Concen: 55.999 ug/l
RT: 4.722 min Scan# 476
Delta R.T. 0.006 min
Lab File: VY016120.D
Acq: 27 Oct 2023 21:37



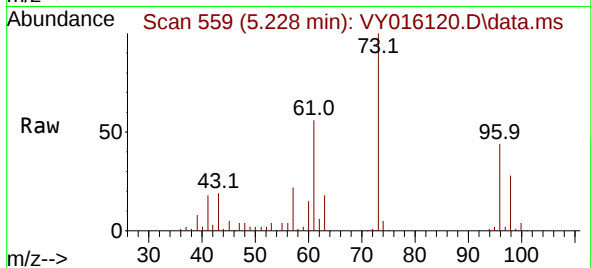
Tgt Ion: 84 Resp: 141451
Ion Ratio Lower Upper
84 100
49 112.8 106.9 160.3
51 36.2 33.2 49.8
86 65.9 51.0 76.6





#21
trans-1,2-Dichloroethene
Concen: 49.124 ug/l
RT: 5.228 min Scan# 511
Delta R.T. 0.006 min
Lab File: VY016120.D
Acq: 27 Oct 2023 21:37

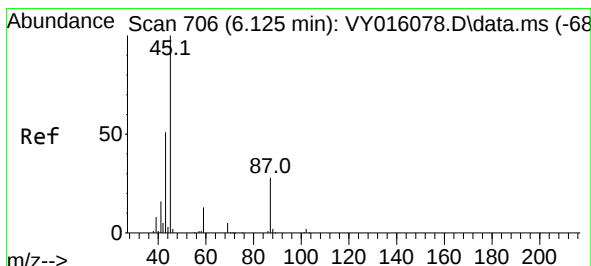
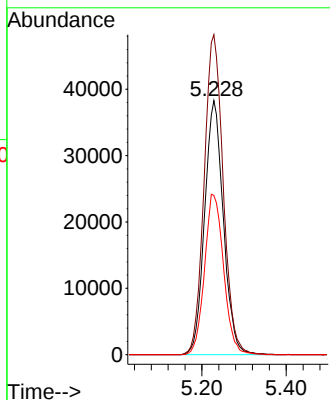
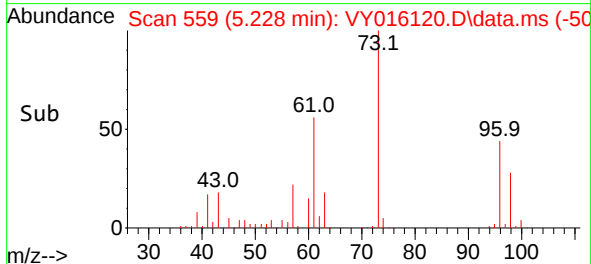
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



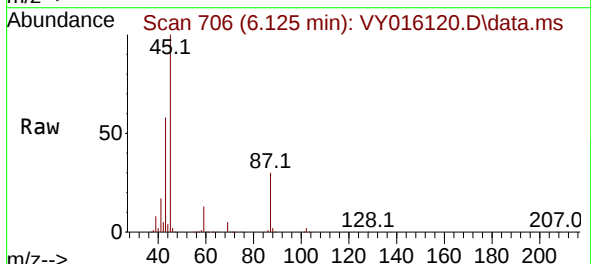
Tgt Ion: 96 Resp: 11861
Ion Ratio Lower Upper
96 100
61 125.9 110.2 165.4
98 62.7 51.8 77.6

Manual Integrations
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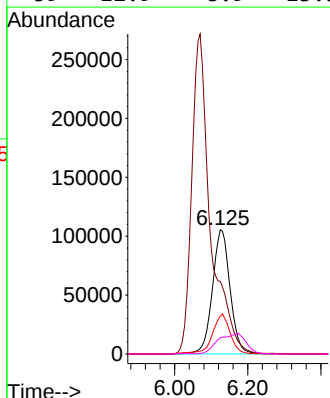
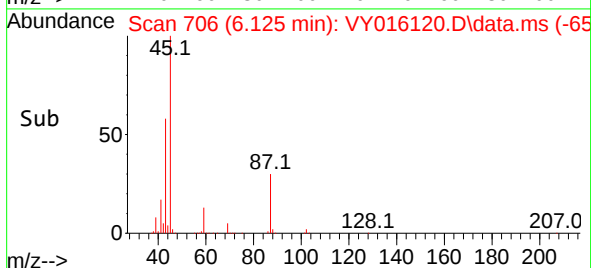
Reviewed By :Mahesh Dadoda 10/30/2023
Supervised By :Semsettin Yesilyurt 10/30/2023

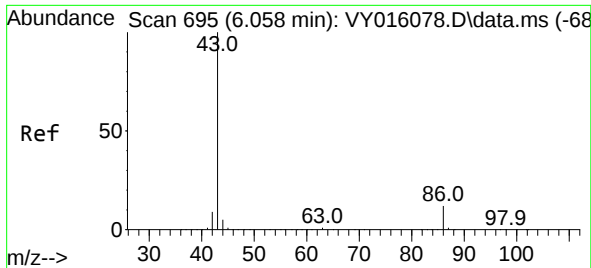


#22
Diisopropyl ether
Concen: 49.666 ug/l
RT: 6.125 min Scan# 706
Delta R.T. 0.000 min
Lab File: VY016120.D
Acq: 27 Oct 2023 21:37



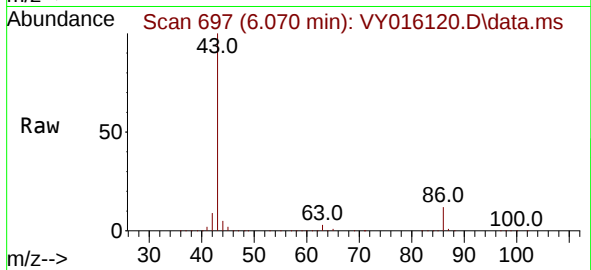
Tgt Ion: 45 Resp: 353640
Ion Ratio Lower Upper
45 100
43 58.1 52.2 78.4
87 30.4 21.0 31.6
59 12.9 8.9 13.3





#23
 Vinyl Acetate
 Concen: 253.705 ug/l
 RT: 6.070 min Scan# 695
 Delta R.T. 0.012 min
 Lab File: VY016120.D
 Acq: 27 Oct 2023 21:37

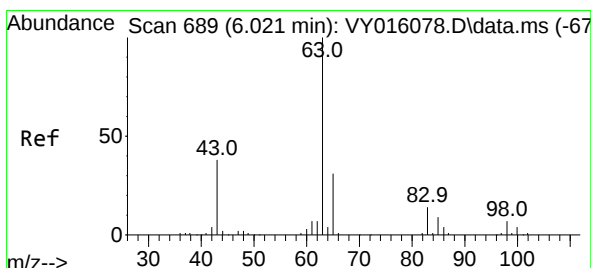
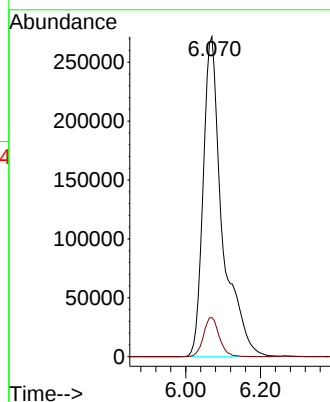
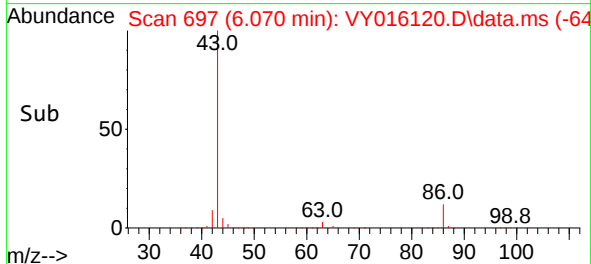
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC



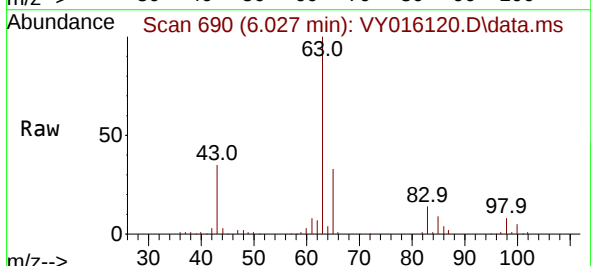
Tgt Ion: 43 Resp: 967880
 Ion Ratio Lower Upper
 43 100
 86 12.2 7.5 11.3

Manual Integrations
 APPROVED

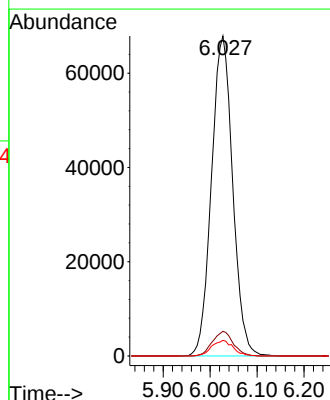
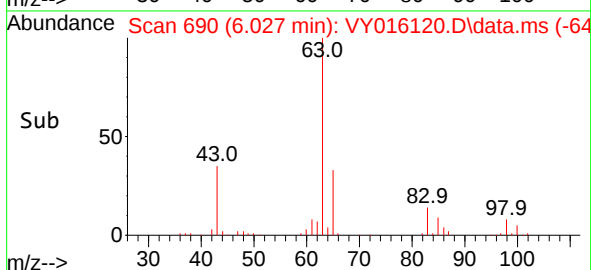
Reviewed By :Mahesh Dadoda 10/30/2023
 Supervised By :Semsettin Yesilyurt 10/30/2023

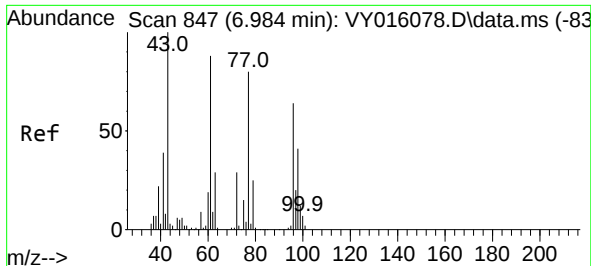


#24
 1,1-Dichloroethane
 Concen: 49.602 ug/l
 RT: 6.027 min Scan# 690
 Delta R.T. 0.006 min
 Lab File: VY016120.D
 Acq: 27 Oct 2023 21:37



Tgt Ion: 63 Resp: 212781
 Ion Ratio Lower Upper
 63 100
 98 7.7 3.1 9.4
 100 4.9 1.8 5.5





#25

2-Butanone

Concen: 238.344 ug/l

RT: 6.990 min Scan# 848

Delta R.T. 0.006 min

Lab File: VY016120.D

Acq: 27 Oct 2023 21:37

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 21135

Ion Ratio Lower Upper

43 100

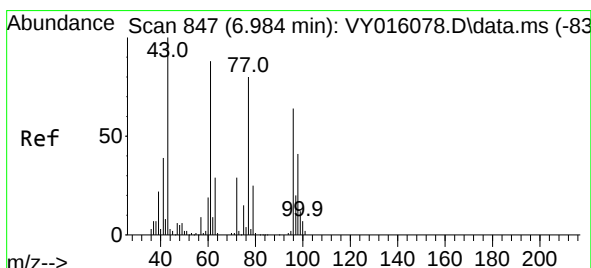
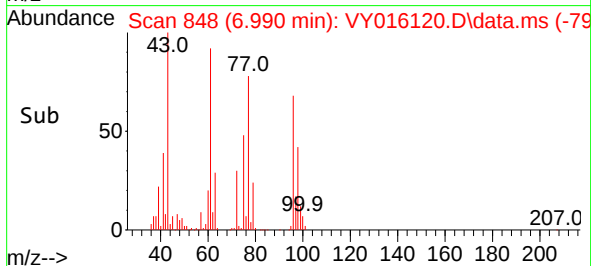
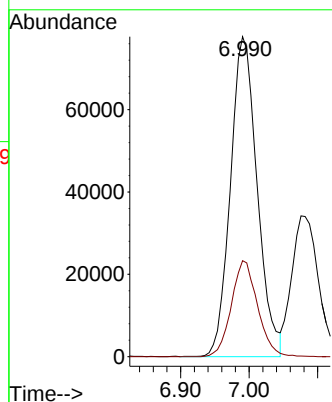
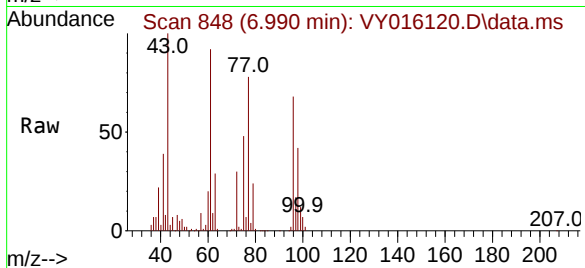
72 30.0 20.5 30.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/30/2023

Supervised By :Semsettin Yesilyurt 10/30/2023



#26

2,2-Dichloropropane

Concen: 45.782 ug/l

RT: 6.990 min Scan# 848

Delta R.T. 0.006 min

Lab File: VY016120.D

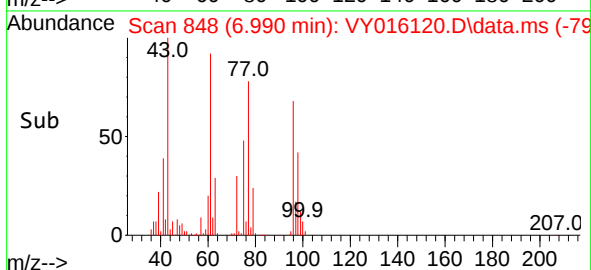
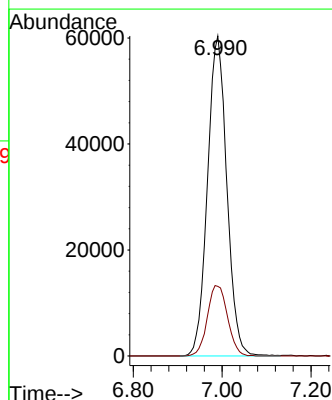
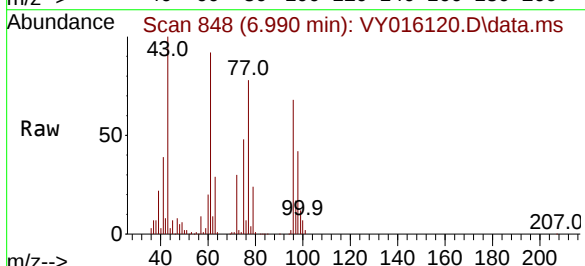
Acq: 27 Oct 2023 21:37

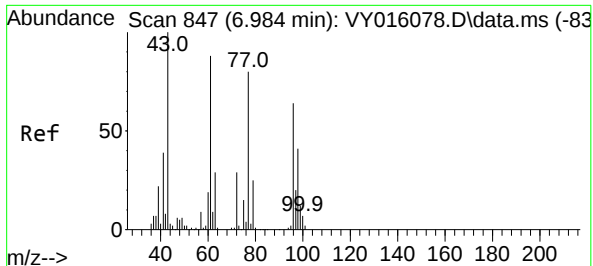
Tgt Ion: 77 Resp: 182570

Ion Ratio Lower Upper

77 100

97 23.0 10.9 32.9





#27

cis-1,2-Dichloroethene

Concen: 50.335 ug/l

RT: 6.990 min Scan# 847

Delta R.T. 0.006 min

Lab File: VY016120.D

Acq: 27 Oct 2023 21:37

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

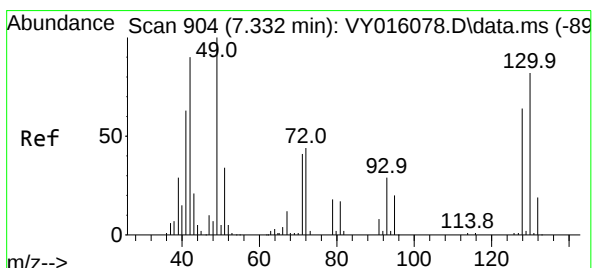
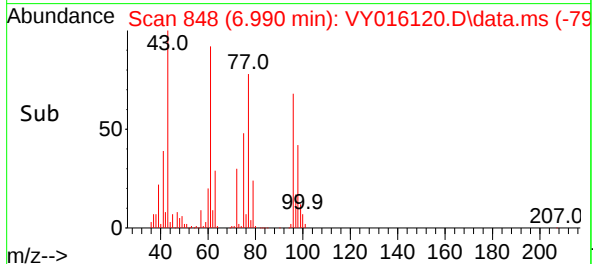
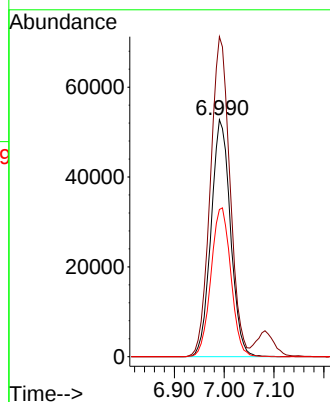
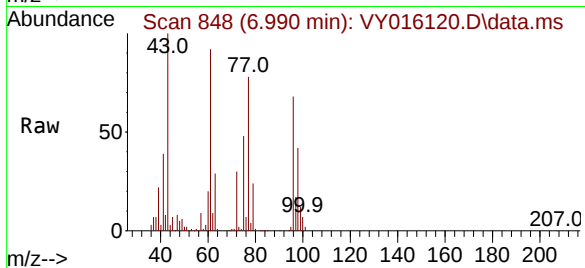
Tgt Ion: 96 Resp: 142738

Ion	Ratio	Lower	Upper
96	100		
61	136.4	0.0	301.4
98	64.3	0.0	130.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/30/2023
Supervised By :Semsettin Yesilyurt 10/30/2023



#28

Bromochloromethane

Concen: 47.497 ug/l

RT: 7.344 min Scan# 906

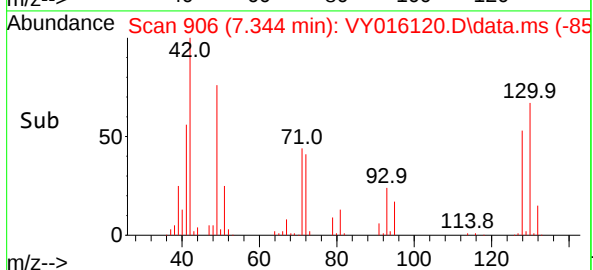
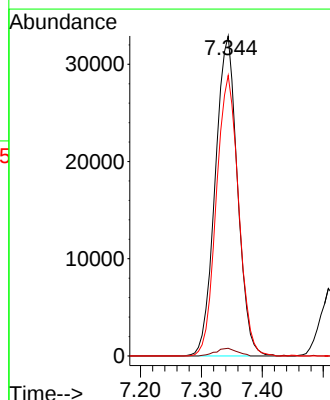
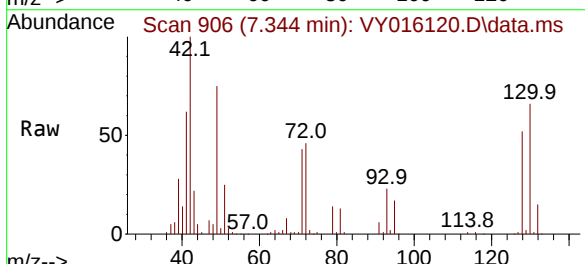
Delta R.T. 0.012 min

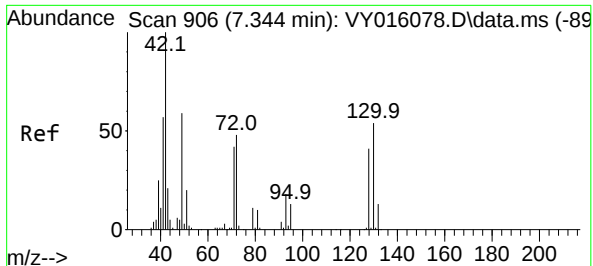
Lab File: VY016120.D

Acq: 27 Oct 2023 21:37

Tgt Ion: 49 Resp: 83356

Ion	Ratio	Lower	Upper
49	100		
129	2.3	0.0	4.6
130	87.6	60.7	91.1





#29

Tetrahydrofuran

Concen: 271.160 ug/l

RT: 7.356 min Scan# 906

Delta R.T. 0.012 min

Lab File: VY016120.D

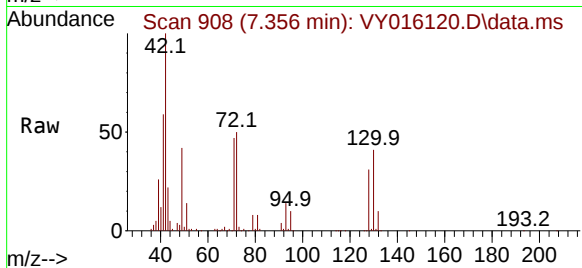
Acq: 27 Oct 2023 21:37

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

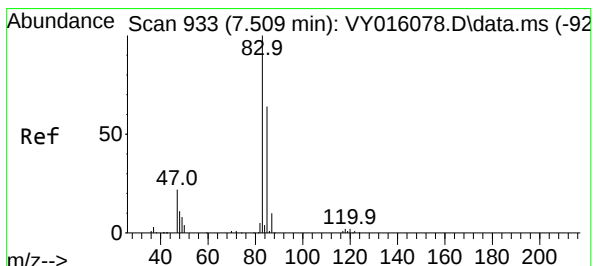
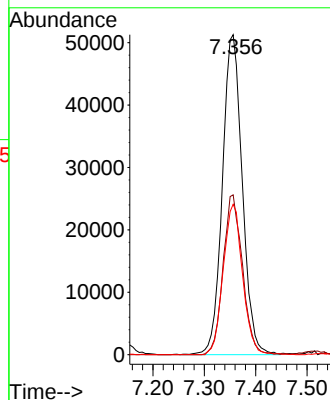
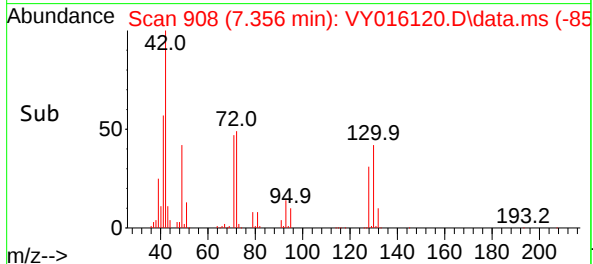


Tgt Ion:	42	Resp:	13796
Ion Ratio	100	Lower	Upper
42	100		
72	48.6	32.8	49.2
71	45.9	31.0	46.4

Manual Integrations

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Reviewed By :Mahesh Dadoda 10/30/2023
Supervised By :Semsettin Yesilyurt 10/30/2023



#30

Chloroform

Concen: 50.616 ug/l

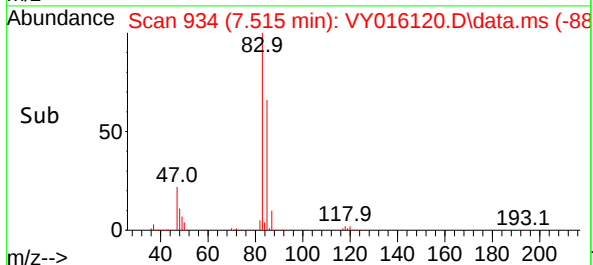
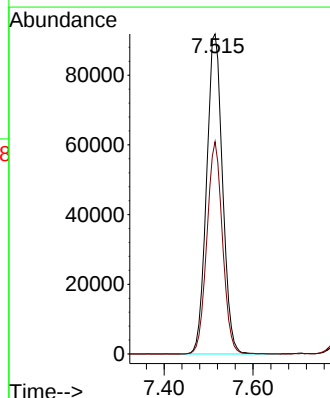
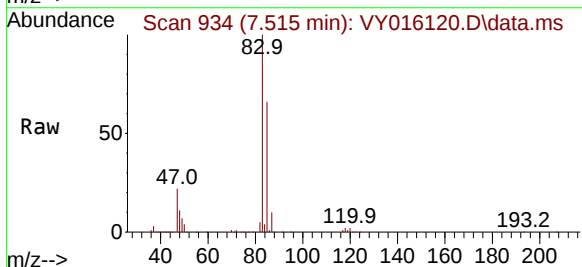
RT: 7.515 min Scan# 934

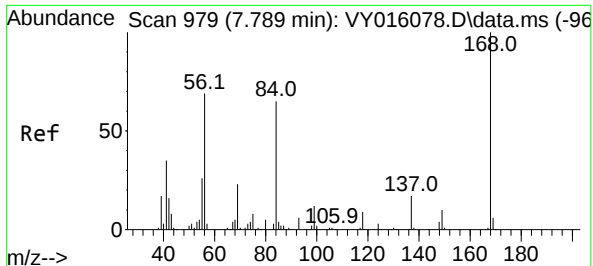
Delta R.T. 0.006 min

Lab File: VY016120.D

Acq: 27 Oct 2023 21:37

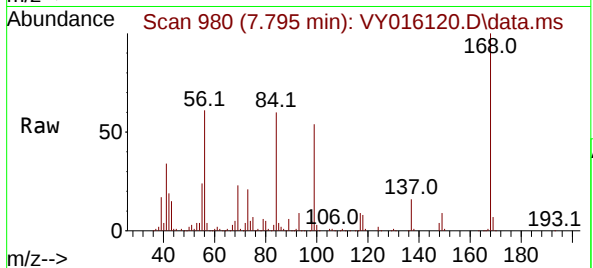
Tgt Ion:	83	Resp:	229371
Ion Ratio	100	Lower	Upper
83	100		
85	66.3	49.7	74.5





#31
Cyclohexane
Concen: 44.204 ug/l
RT: 7.795 min Scan# 910
Delta R.T. 0.006 min
Lab File: VY016120.D
Acq: 27 Oct 2023 21:37

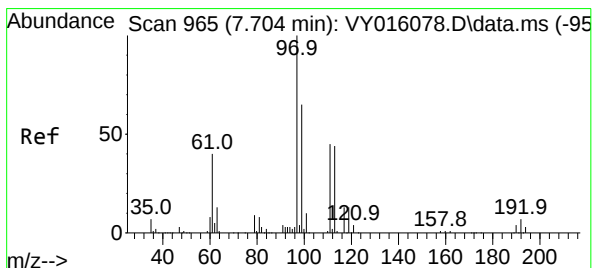
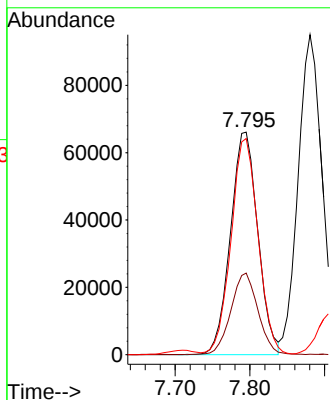
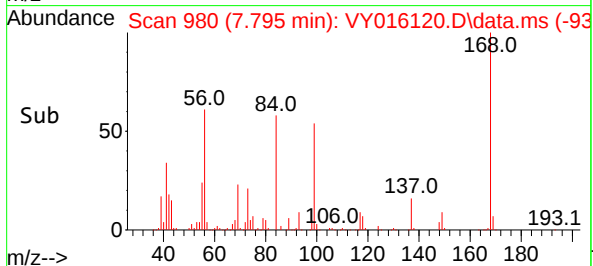
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 16857
Ion Ratio Lower Upper
56 100
69 36.6 27.8 41.6
84 95.2 66.4 99.6

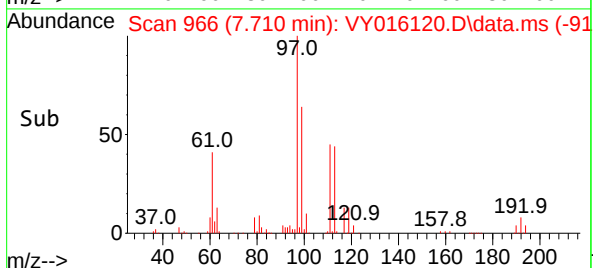
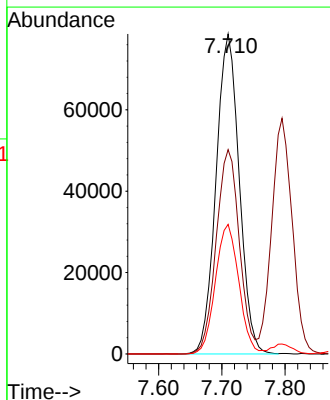
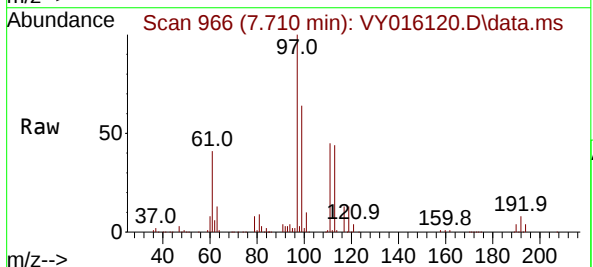
Manual Integrations
APPROVED

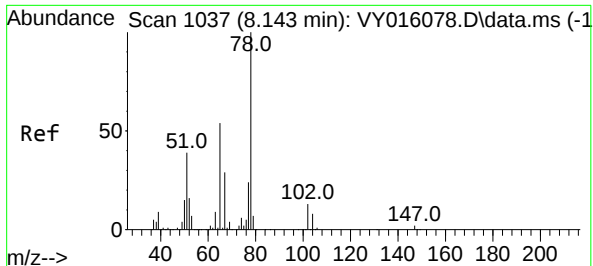
Reviewed By :Mahesh Dadoda 10/30/2023
Supervised By :Semsettin Yesilyurt 10/30/2023



#32
1,1,1-Trichloroethane
Concen: 49.203 ug/l
RT: 7.710 min Scan# 966
Delta R.T. 0.006 min
Lab File: VY016120.D
Acq: 27 Oct 2023 21:37

Tgt Ion: 97 Resp: 199996
Ion Ratio Lower Upper
97 100
99 63.9 50.8 76.2
61 41.1 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 52.462 ug/l

RT: 8.149 min Scan# 1037

Delta R.T. 0.006 min

Lab File: VY016120.D

Acq: 27 Oct 2023 21:37

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 127168

Ion Ratio Lower Upper

65 100

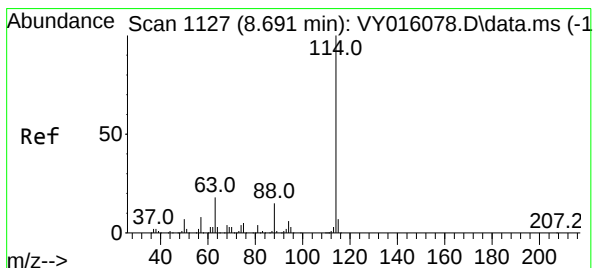
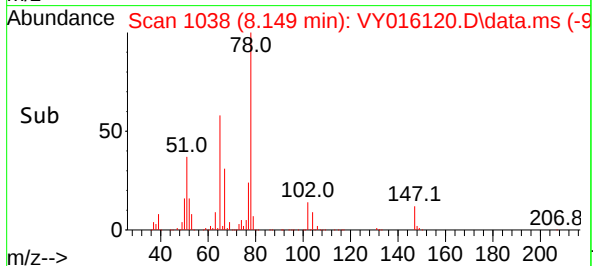
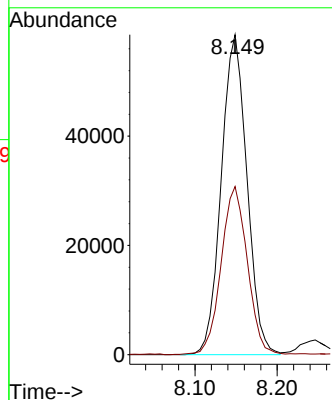
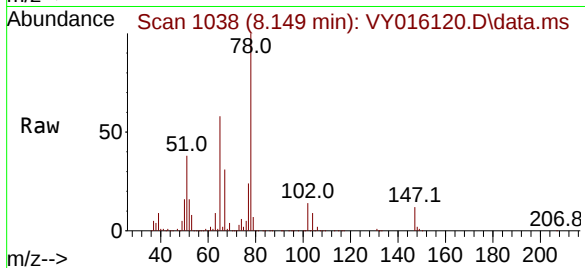
67 53.8 0.0 101.8

Manual Integrations

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Reviewed By :Mahesh Dadoda 10/30/2023

Supervised By :Semsettin Yesilyurt 10/30/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. 0.006 min

Lab File: VY016120.D

Acq: 27 Oct 2023 21:37

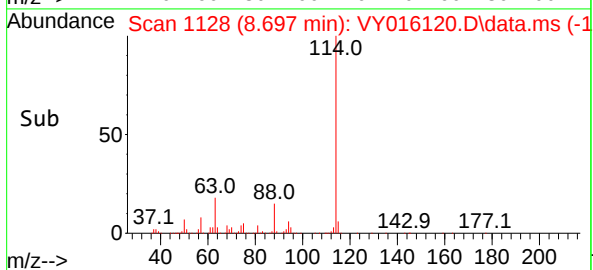
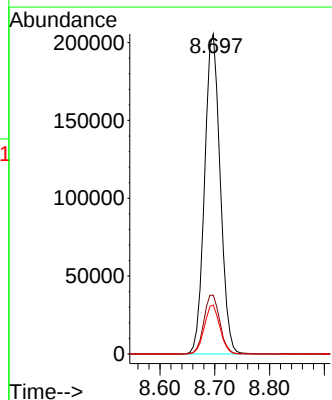
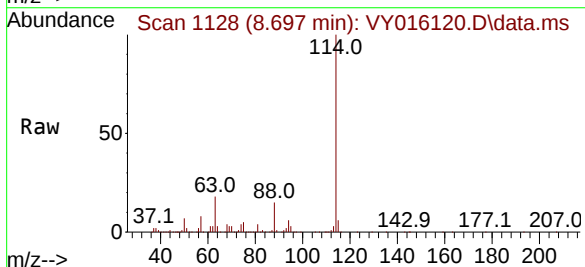
Tgt Ion:114 Resp: 405421

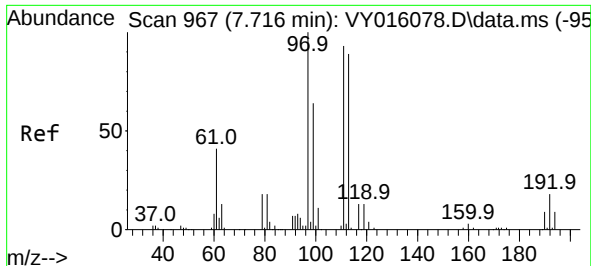
Ion Ratio Lower Upper

114 100

63 18.3 0.0 42.4

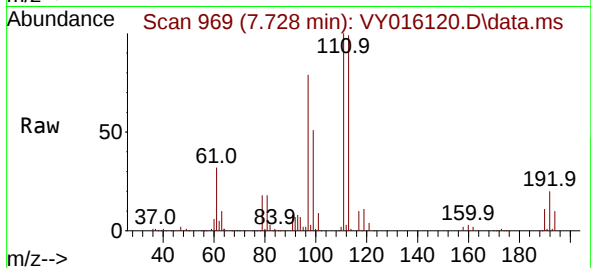
88 15.3 0.0 30.6





#35
Dibromofluoromethane
Concen: 49.190 ug/l
RT: 7.728 min Scan# 901
Delta R.T. 0.012 min
Lab File: VY016120.D
Acq: 27 Oct 2023 21:37

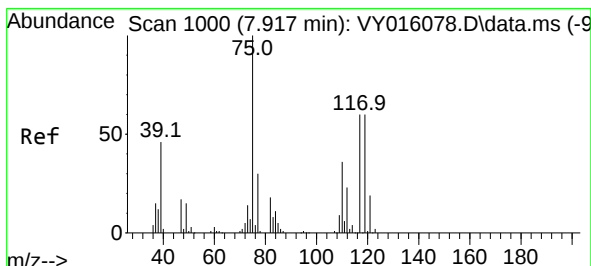
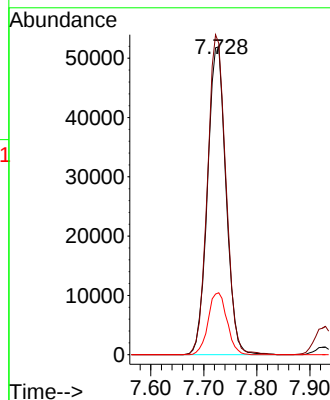
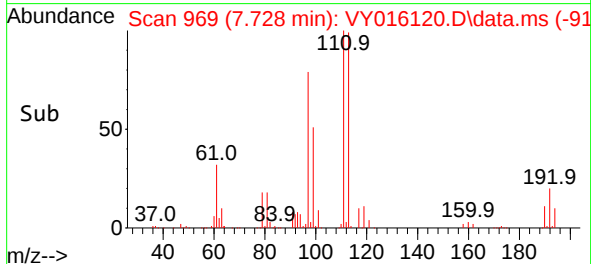
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion:113 Resp: 125897
Ion Ratio Lower Upper
113 100
111 103.4 81.3 121.9
192 20.4 16.9 25.3

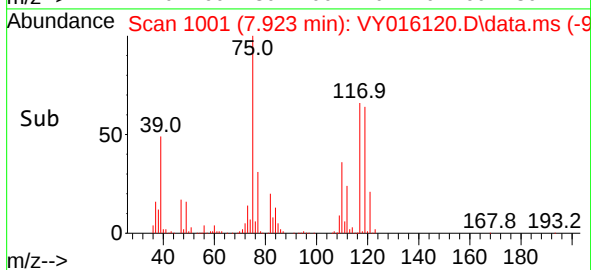
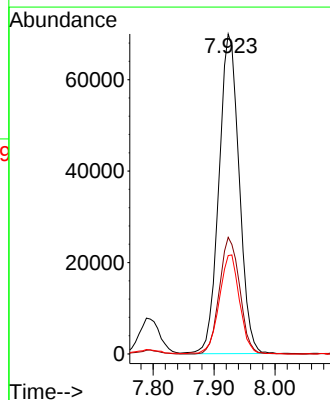
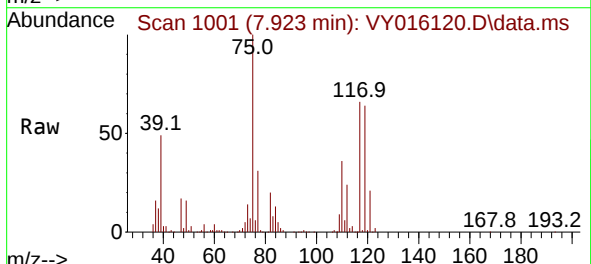
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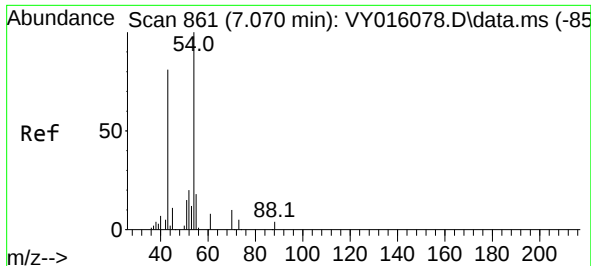
Reviewed By :Mahesh Dadoda 10/30/2023
Supervised By :Semsettin Yesilyurt 10/30/2023



#36
1,1-Dichloropropene
Concen: 45.270 ug/l
RT: 7.923 min Scan# 1001
Delta R.T. 0.006 min
Lab File: VY016120.D
Acq: 27 Oct 2023 21:37

Tgt Ion: 75 Resp: 161508
Ion Ratio Lower Upper
75 100
110 36.6 17.8 53.5
77 31.2 24.4 36.6





#37

Ethyl Acetate

Concen: 51.824 ug/l

RT: 7.076 min Scan# 80

Delta R.T. 0.006 min

Lab File: VY016120.D

Acq: 27 Oct 2023 21:37

Instrument :

MSVOA_Y

ClientSampleId :

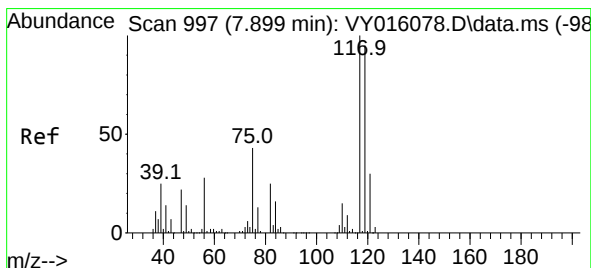
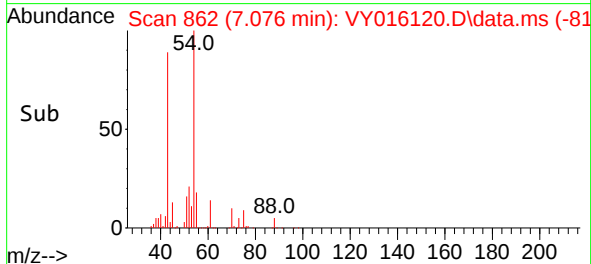
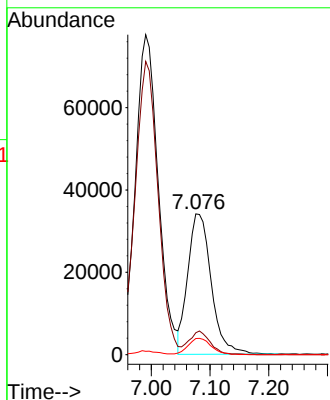
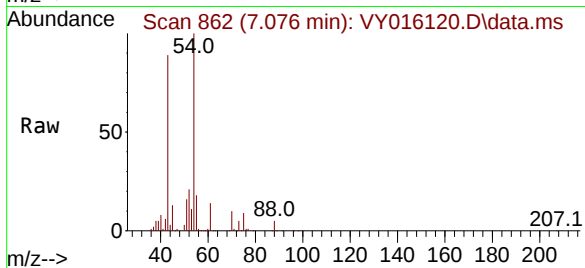
VSTDCCC050EC

Tgt Ion: 43 Resp: 9476
Ion Ratio Lower Upper
43 100
61 15.1 10.1 15.1
70 11.4 7.1 10.7

Manual Integrations

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Reviewed By :Mahesh Dadoda 10/30/2023
Supervised By :Semsettin Yesilyurt 10/30/2023



#38

Carbon Tetrachloride

Concen: 47.256 ug/l

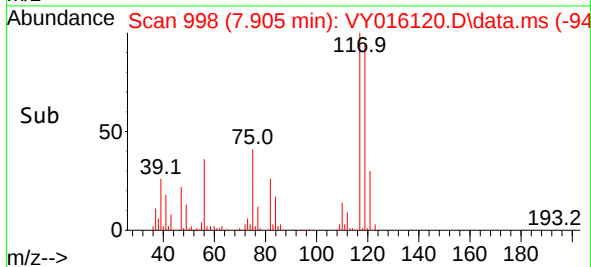
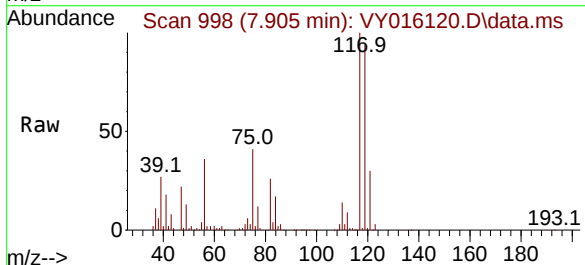
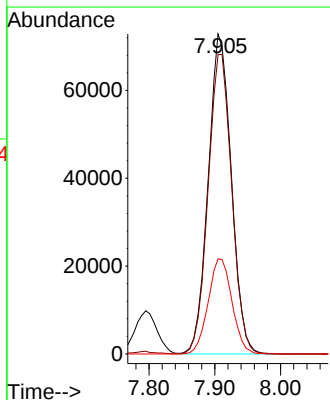
RT: 7.905 min Scan# 998

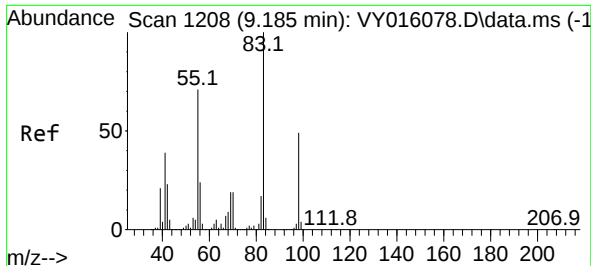
Delta R.T. 0.006 min

Lab File: VY016120.D

Acq: 27 Oct 2023 21:37

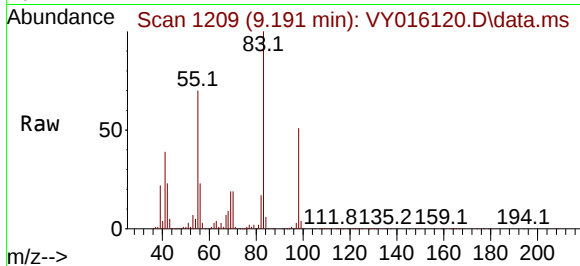
Tgt Ion:117 Resp: 178283
Ion Ratio Lower Upper
117 100
119 93.5 76.4 114.6
121 29.8 25.8 38.6





#39
Methylcyclohexane
Concen: 46.670 ug/l
RT: 9.191 min Scan# 1209
Delta R.T. 0.006 min
Lab File: VY016120.D
Acq: 27 Oct 2023 21:37

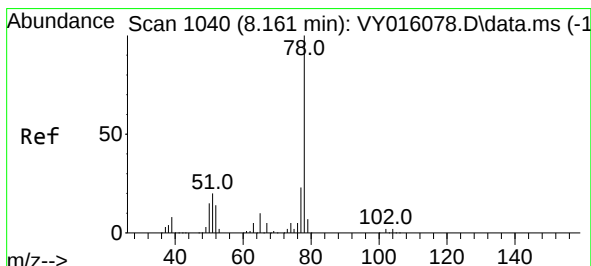
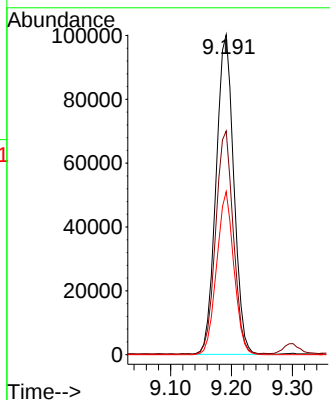
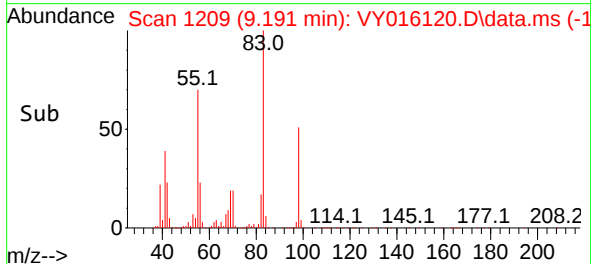
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 202840
Ion Ratio Lower Upper
83 100
55 69.7 63.0 94.4
98 51.0 37.4 56.2

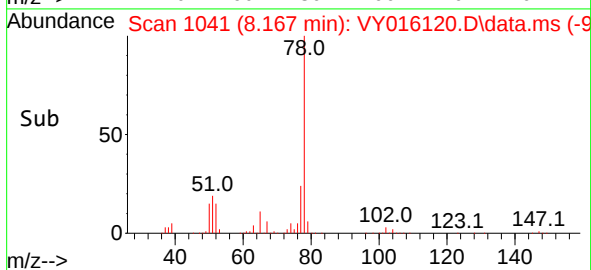
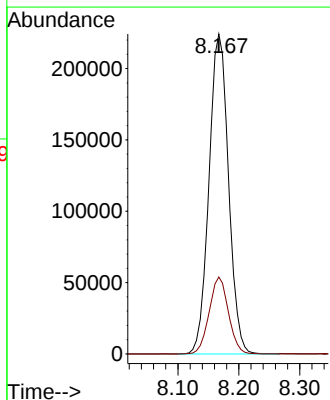
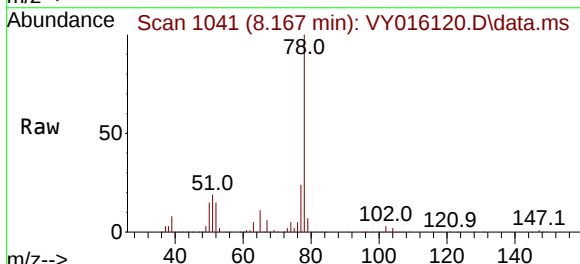
Manual Integrations
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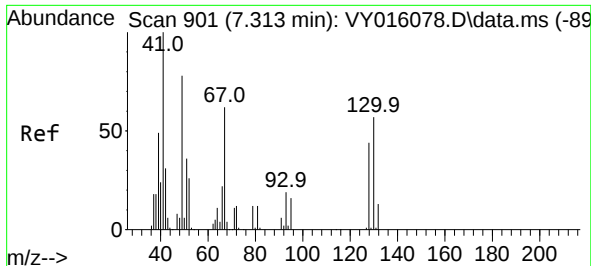
Reviewed By :Mahesh Dadoda 10/30/2023
Supervised By :Semsettin Yesilyurt 10/30/2023



#40
Benzene
Concen: 49.423 ug/l
RT: 8.167 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VY016120.D
Acq: 27 Oct 2023 21:37

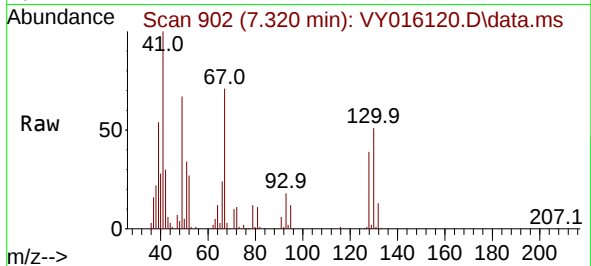
Tgt Ion: 78 Resp: 499207
Ion Ratio Lower Upper
78 100
77 24.0 19.0 28.6





#41
Methacrylonitrile
Concen: 50.499 ug/l m
RT: 7.320 min Scan# 901
Delta R.T. 0.006 min
Lab File: VY016120.D
Acq: 27 Oct 2023 21:37

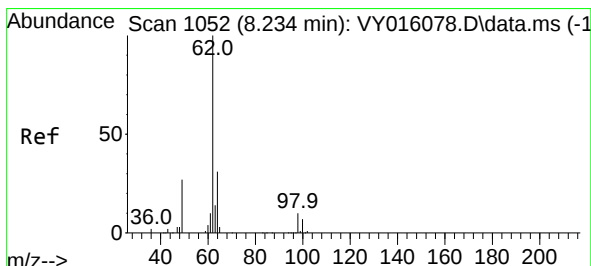
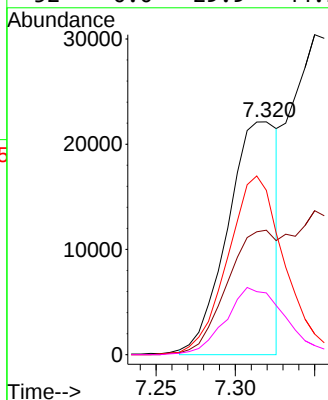
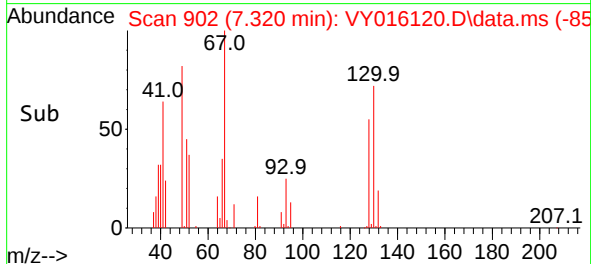
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 41 Resp: 48328
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

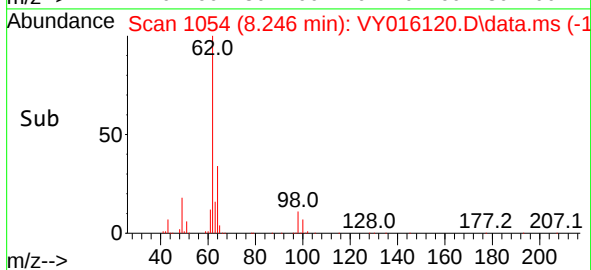
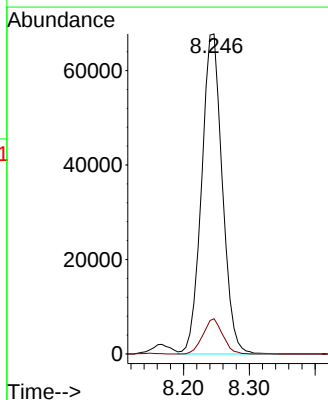
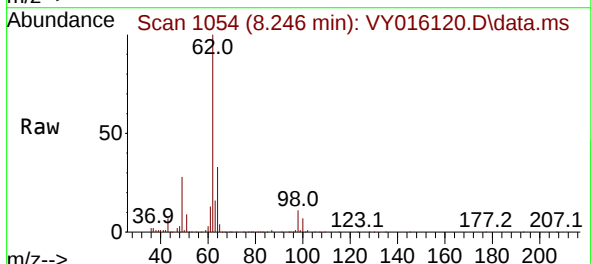
Manual Integrations
APPROVED

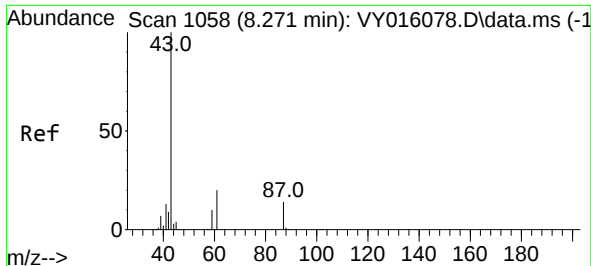
Reviewed By :Mahesh Dadoda 10/30/2023
Supervised By :Semsettin Yesilyurt 10/30/2023



#42
1,2-Dichloroethane
Concen: 50.815 ug/l
RT: 8.246 min Scan# 1054
Delta R.T. 0.012 min
Lab File: VY016120.D
Acq: 27 Oct 2023 21:37

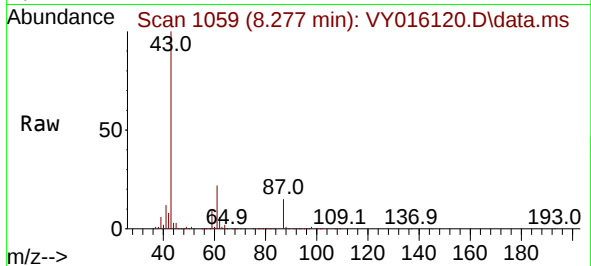
Tgt Ion: 62 Resp: 148309
Ion Ratio Lower Upper
62 100
98 10.5 0.0 15.8





#43
Isopropyl Acetate
Concen: 53.172 ug/l
RT: 8.277 min Scan# 1059
Delta R.T. 0.006 min
Lab File: VY016120.D
Acq: 27 Oct 2023 21:37

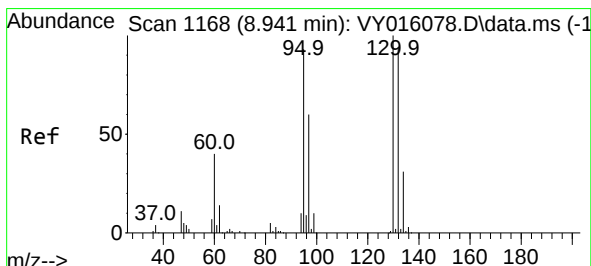
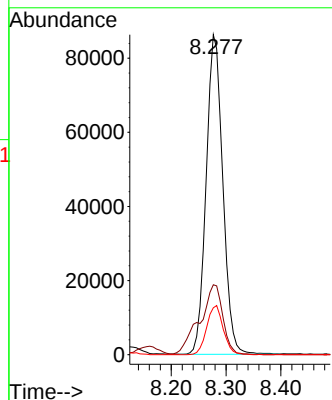
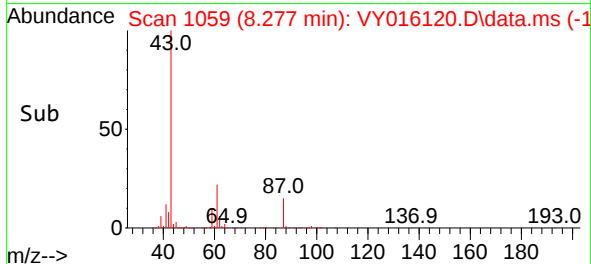
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 181799
Ion Ratio Lower Upper
43 100
61 30.5 21.1 31.7
87 15.2 9.8 14.8

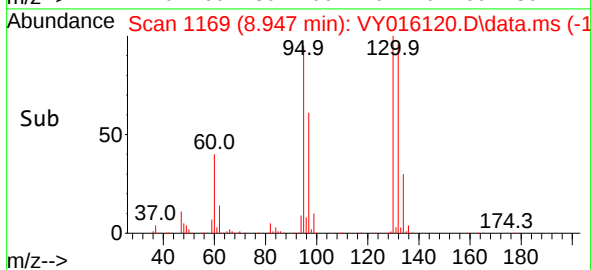
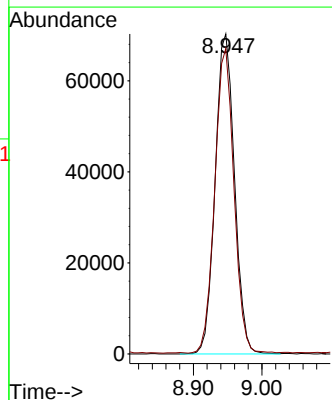
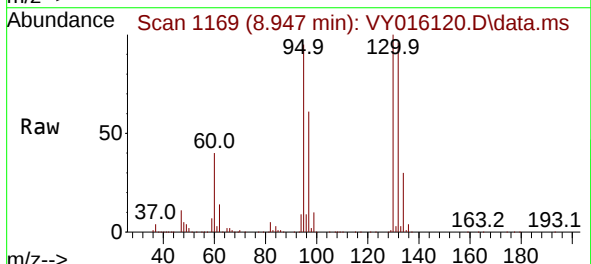
Manual Integrations
APPROVED

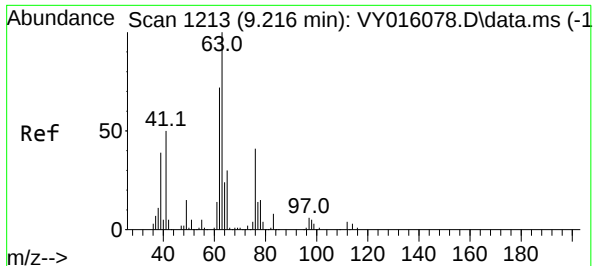
Reviewed By :Mahesh Dadoda 10/30/2023
Supervised By :Semsettin Yesilyurt 10/30/2023



#44
Trichloroethene
Concen: 48.645 ug/l
RT: 8.947 min Scan# 1169
Delta R.T. 0.006 min
Lab File: VY016120.D
Acq: 27 Oct 2023 21:37

Tgt Ion:130 Resp: 137201
Ion Ratio Lower Upper
130 100
95 95.0 0.0 196.0





#45

1,2-Dichloropropane

Concen: 48.346 ug/l

RT: 9.222 min Scan# 1214

Delta R.T. 0.006 min

Lab File: VY016120.D

Acq: 27 Oct 2023 21:37

Instrument :

MSVOA_Y

ClientSampleId :

VSTDC050EC

Tgt Ion: 63 Resp: 123594

Ion Ratio Lower Upper

63 100

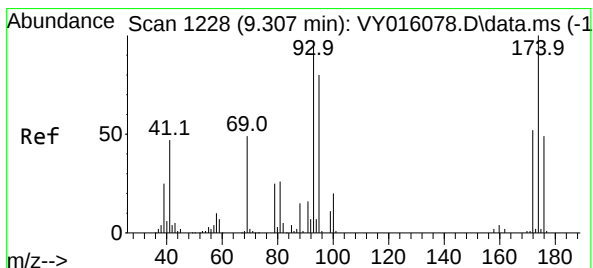
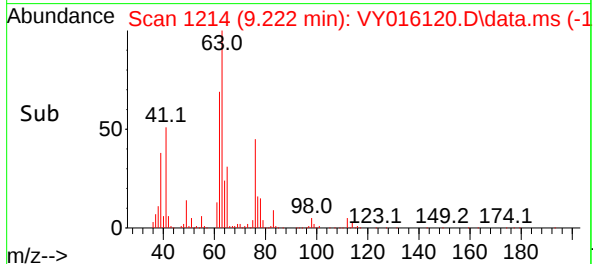
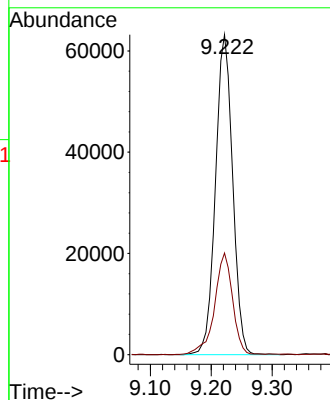
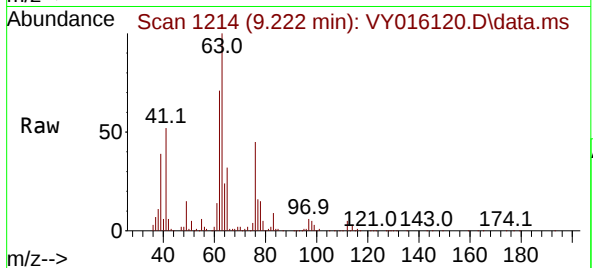
65 31.6 23.8 35.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/30/2023

Supervised By :Semsettin Yesilyurt 10/30/2023



#46

Dibromomethane

Concen: 50.525 ug/l

RT: 9.313 min Scan# 1229

Delta R.T. 0.006 min

Lab File: VY016120.D

Acq: 27 Oct 2023 21:37

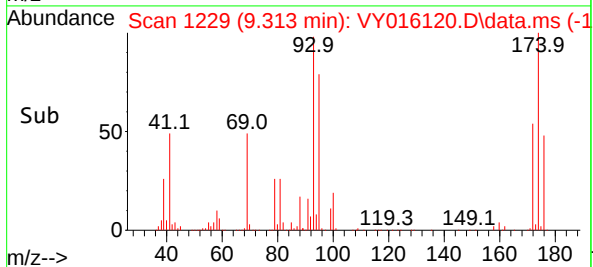
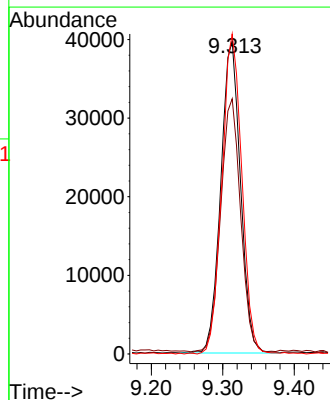
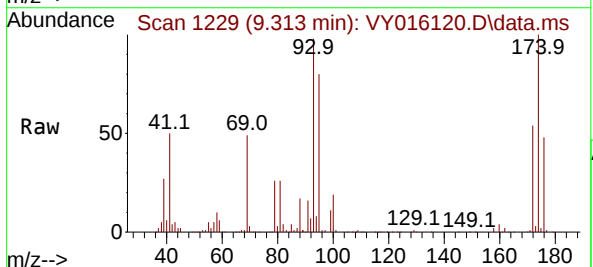
Tgt Ion: 93 Resp: 75735

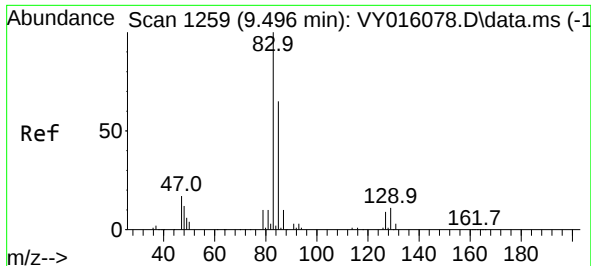
Ion Ratio Lower Upper

93 100

95 82.6 66.6 100.0

174 104.0 84.8 127.2





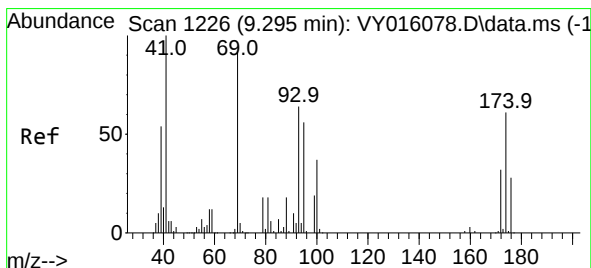
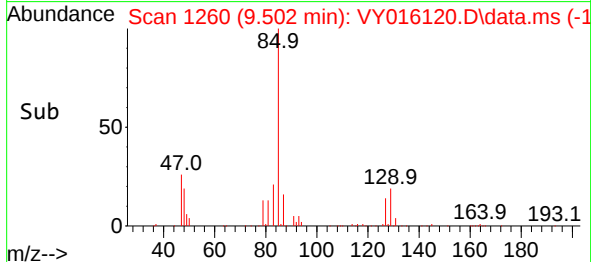
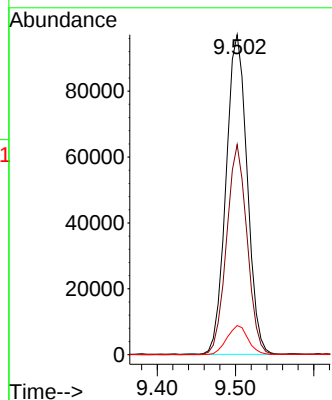
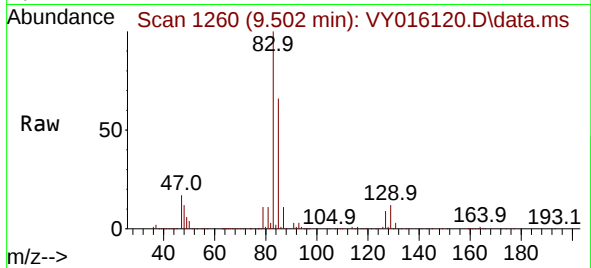
#47
Bromodichloromethane
Concen: 50.205 ug/l
RT: 9.502 min Scan# 1260
Delta R.T. 0.006 min
Lab File: VY016120.D
Acq: 27 Oct 2023 21:37

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 182000
Ion Ratio Lower Upper
83 100
85 65.7 50.1 75.1
127 9.1 7.1 10.7

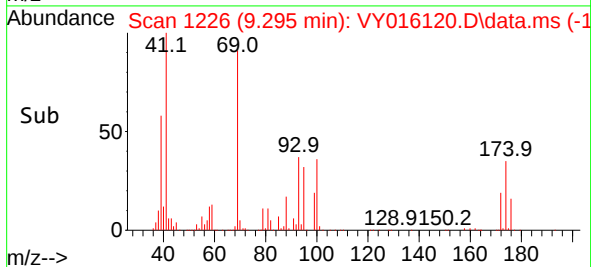
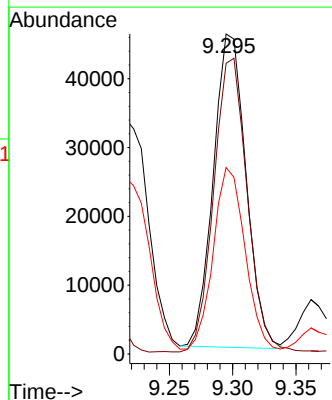
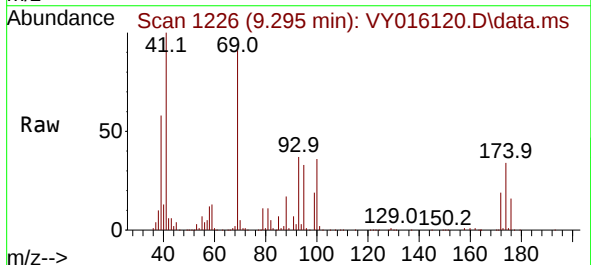
Manual Integrations
APPROVED

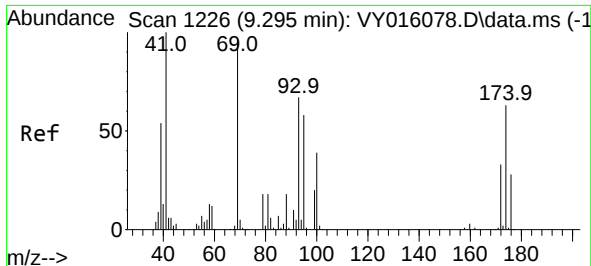
Reviewed By :Mahesh Dadoda 10/30/2023
Supervised By :Semsettin Yesilyurt 10/30/2023



#48
Methyl methacrylate
Concen: 51.893 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. 0.000 min
Lab File: VY016120.D
Acq: 27 Oct 2023 21:37

Tgt Ion: 41 Resp: 81740
Ion Ratio Lower Upper
41 100
69 96.7 64.5 96.7#
39 56.6 50.8 76.2





#49

1,4-Dioxane

Concen: 1125.207 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. 0.006 min

Lab File: VY016120.D

Acq: 27 Oct 2023 21:37

Instrument :

MSVOA_Y

ClientSampleId :

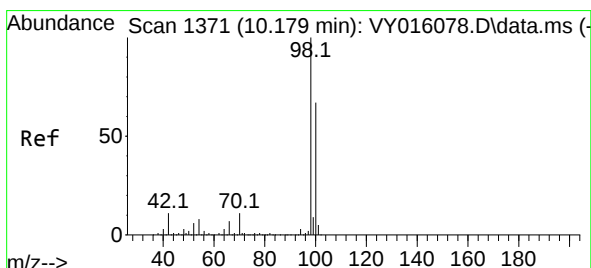
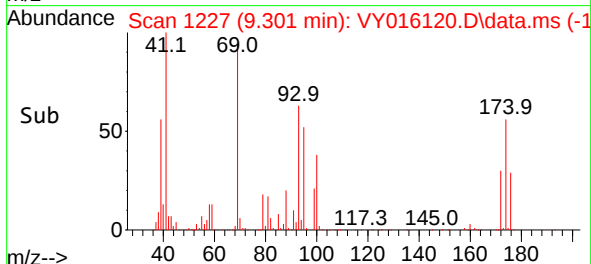
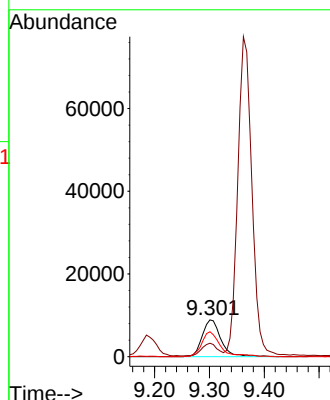
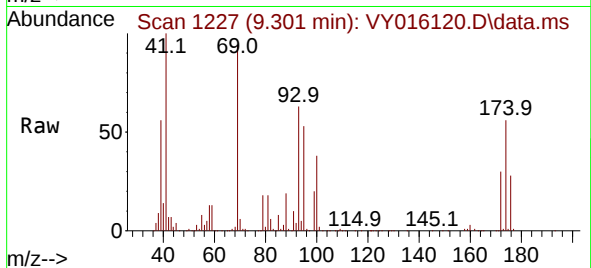
VSTDCCC050EC

Tgt Ion:	88	Resp:	2110
Ion Ratio	Lower	Upper	
88	100		
43	28.3	0.0	0.0
58	67.8	30.9	46.3

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/30/2023
Supervised By :Semsettin Yesilyurt 10/30/2023



#50

Toluene-d8

Concen: 48.645 ug/l

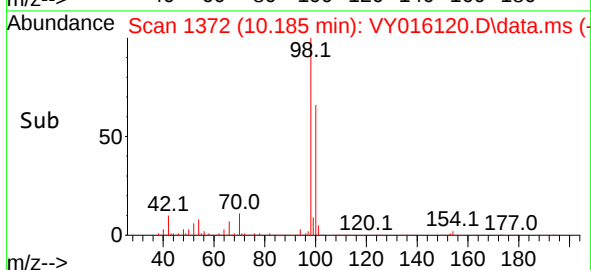
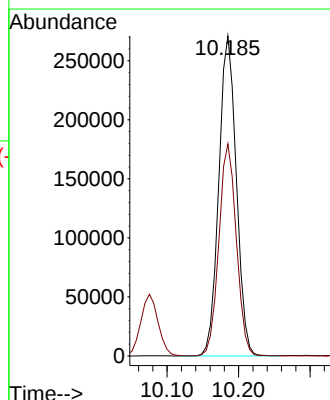
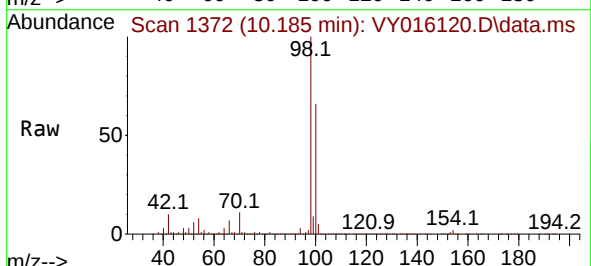
RT: 10.185 min Scan# 1372

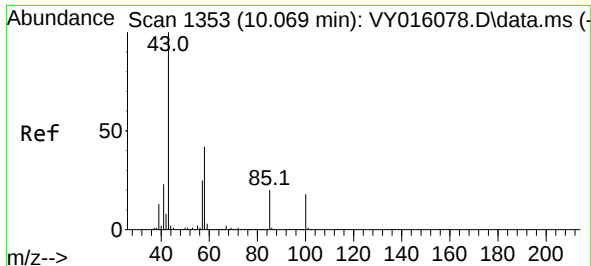
Delta R.T. 0.006 min

Lab File: VY016120.D

Acq: 27 Oct 2023 21:37

Tgt Ion:	98	Resp:	461177
Ion Ratio	Lower	Upper	
98	100		
100	65.9	50.1	75.1





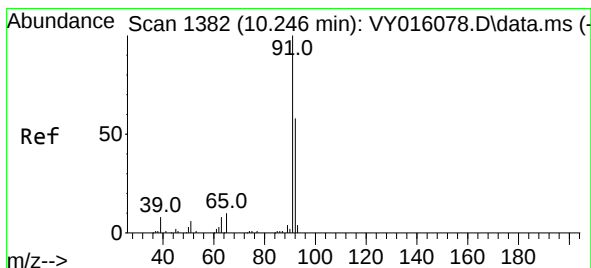
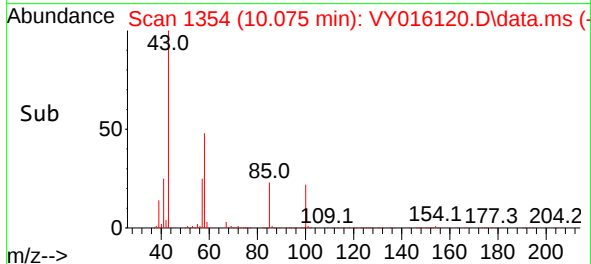
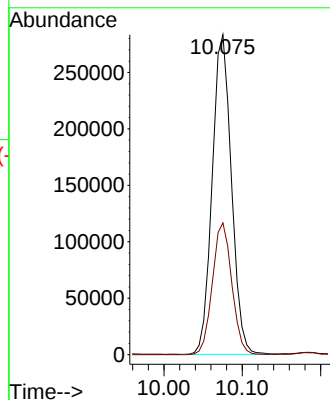
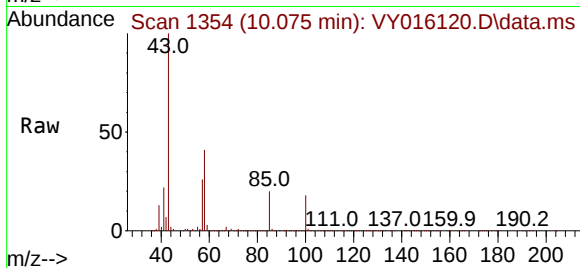
#51
4-Methyl-2-Pentanone
Concen: 267.713 ug/l
RT: 10.075 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY016120.D
Acq: 27 Oct 2023 21:37

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 482984
Ion Ratio Lower Upper
43 100
58 41.6 29.0 43.6

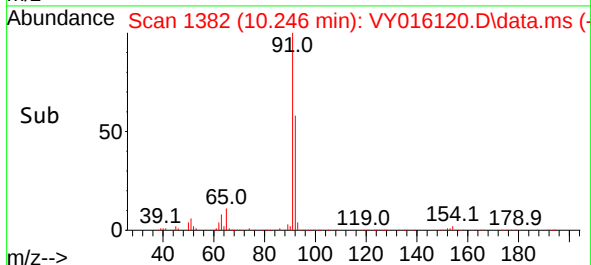
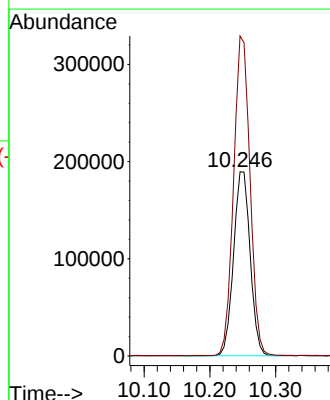
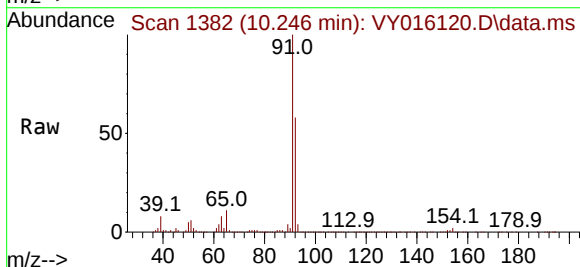
Manual Integrations
APPROVED

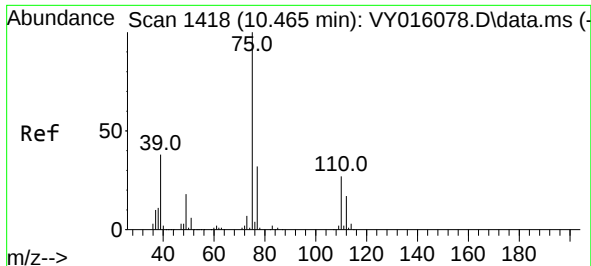
Reviewed By :Mahesh Dadoda 10/30/2023
Supervised By :Semsettin Yesilyurt 10/30/2023



#52
Toluene
Concen: 51.256 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. 0.000 min
Lab File: VY016120.D
Acq: 27 Oct 2023 21:37

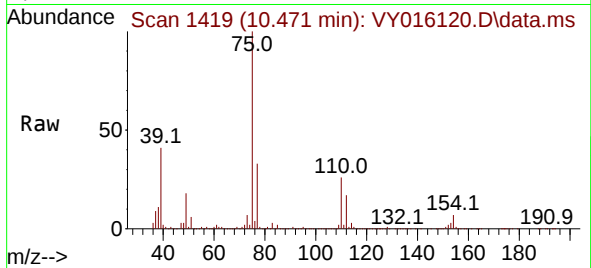
Tgt Ion: 92 Resp: 332451
Ion Ratio Lower Upper
92 100
91 171.7 143.8 215.6





#53
t-1,3-Dichloropropene
Concen: 50.377 ug/l
RT: 10.471 min Scan# 1419
Delta R.T. 0.006 min
Lab File: VY016120.D
Acq: 27 Oct 2023 21:37

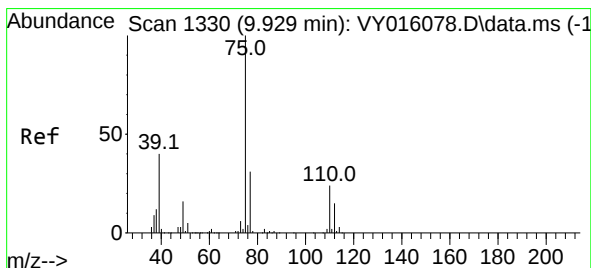
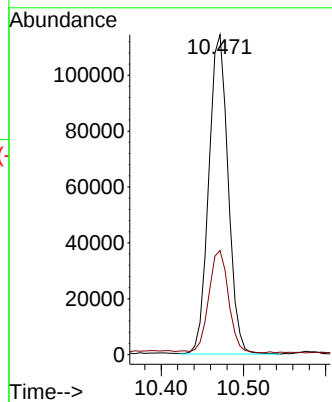
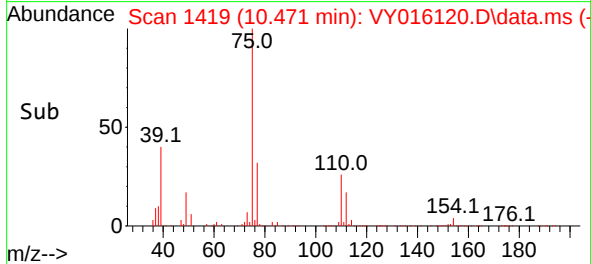
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



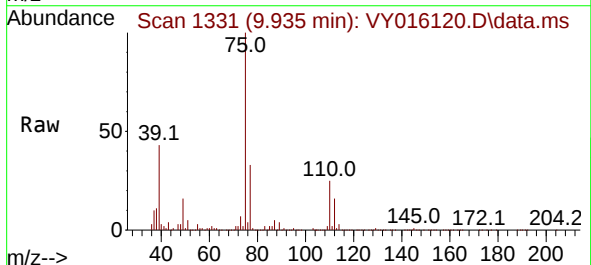
Tgt Ion: 75 Resp: 186748
Ion Ratio Lower Upper
75 100
77 31.9 25.0 37.4

Manual Integrations
APPROVED

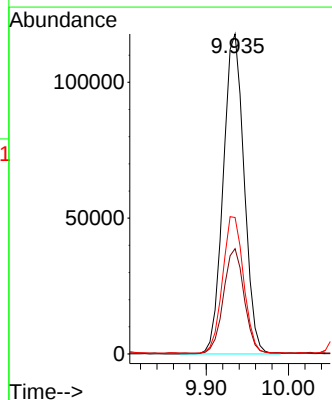
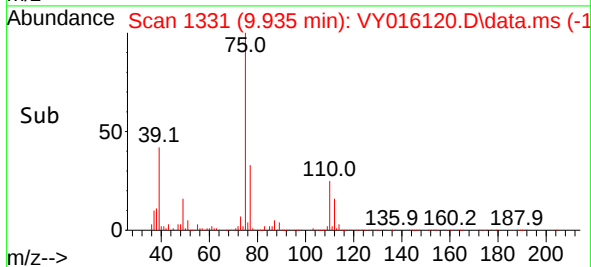
Reviewed By :Mahesh Dadoda 10/30/2023
Supervised By :Semsettin Yesilyurt 10/30/2023

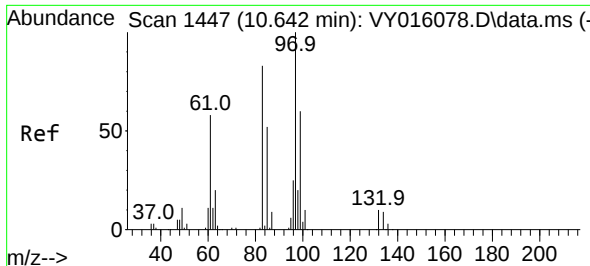


#54
cis-1,3-Dichloropropene
Concen: 49.600 ug/l
RT: 9.935 min Scan# 1331
Delta R.T. 0.006 min
Lab File: VY016120.D
Acq: 27 Oct 2023 21:37



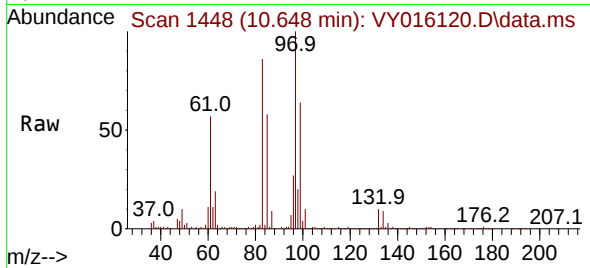
Tgt Ion: 75 Resp: 207935
Ion Ratio Lower Upper
75 100
77 32.6 24.2 36.4
39 42.4 42.2 63.4





#55
1,1,2-Trichloroethane
Concen: 49.603 ug/l
RT: 10.648 min Scan# 1448
Delta R.T. 0.006 min
Lab File: VY016120.D
Acq: 27 Oct 2023 21:37

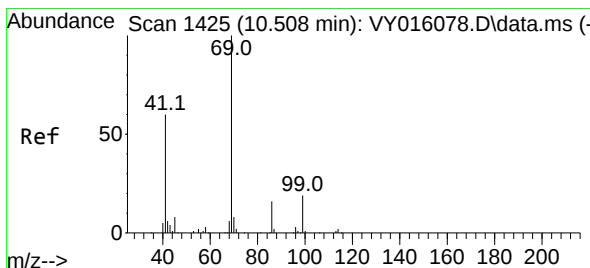
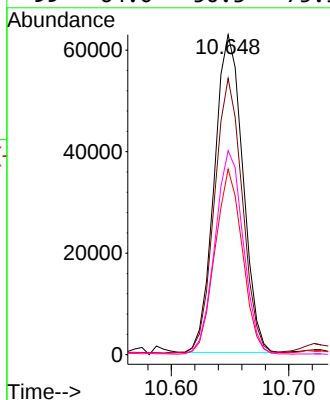
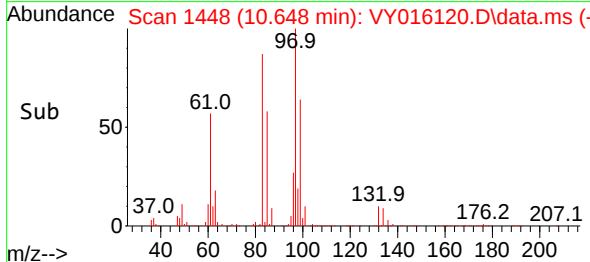
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



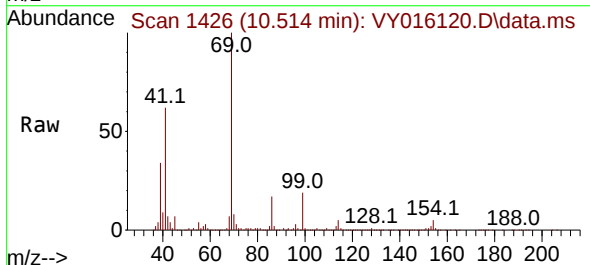
Tgt Ion: 97 Resp: 10564
Ion Ratio Lower Upper
97 100
83 86.2 72.0 108.0
85 57.8 45.4 68.0
99 64.0 50.3 75.5

Manual Integrations
APPROVED

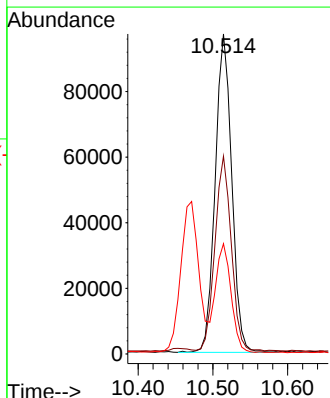
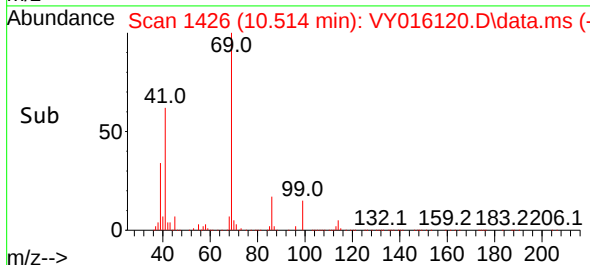
Reviewed By :Mahesh Dadoda 10/30/2023
Supervised By :Semsettin Yesilyurt 10/30/2023

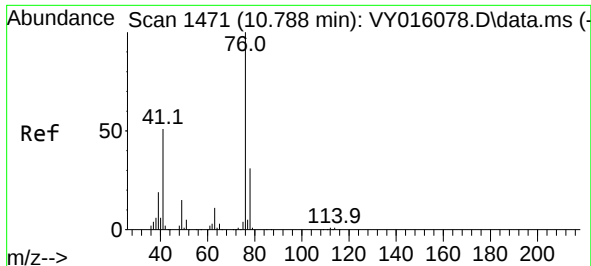


#56
Ethyl methacrylate
Concen: 54.823 ug/l
RT: 10.514 min Scan# 1426
Delta R.T. 0.006 min
Lab File: VY016120.D
Acq: 27 Oct 2023 21:37



Tgt Ion: 69 Resp: 150053
Ion Ratio Lower Upper
69 100
41 60.4 57.6 86.4
39 31.1 34.1 51.1#





#57

1,3-Dichloropropane

Concen: 50.339 ug/l

RT: 10.795 min Scan# 1471

Delta R.T. 0.006 min

Lab File: VY016120.D

Acq: 27 Oct 2023 21:37

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 17921

Ion Ratio Lower Upper

76 100

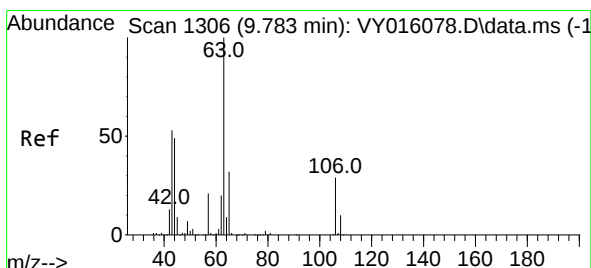
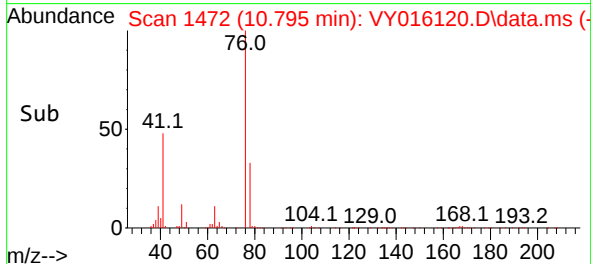
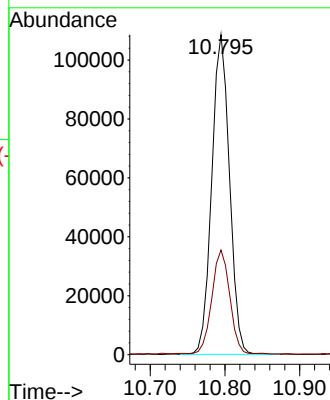
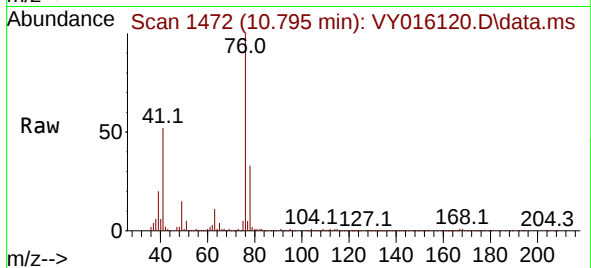
78 32.6 25.3 37.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/30/2023

Supervised By :Semsettin Yesilyurt 10/30/2023



#58

2-Chloroethyl Vinyl ether

Concen: 261.426 ug/l

RT: 9.789 min Scan# 1307

Delta R.T. 0.006 min

Lab File: VY016120.D

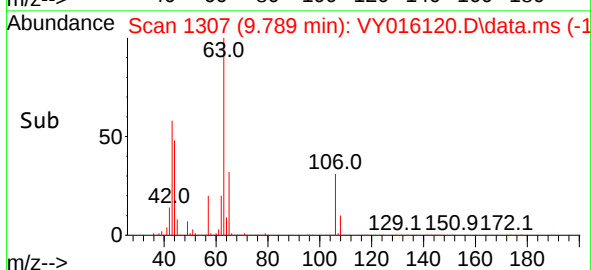
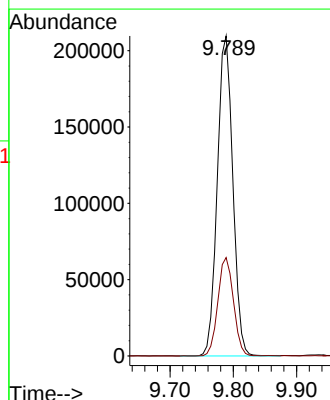
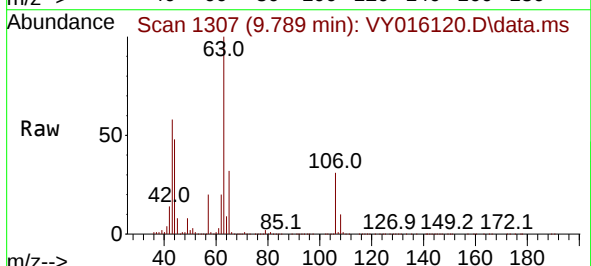
Acq: 27 Oct 2023 21:37

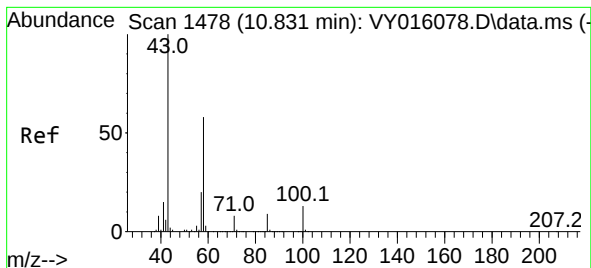
Tgt Ion: 63 Resp: 356218

Ion Ratio Lower Upper

63 100

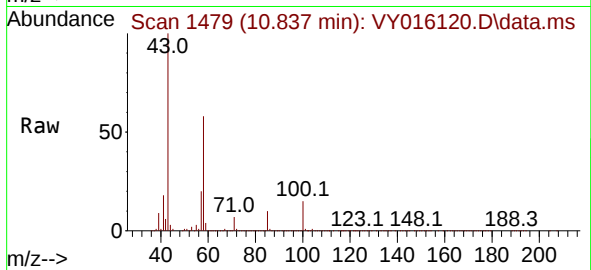
106 30.9 21.2 31.8





#59
2-Hexanone
Concen: 257.534 ug/l
RT: 10.837 min Scan# 1478
Delta R.T. 0.006 min
Lab File: VY016120.D
Acq: 27 Oct 2023 21:37

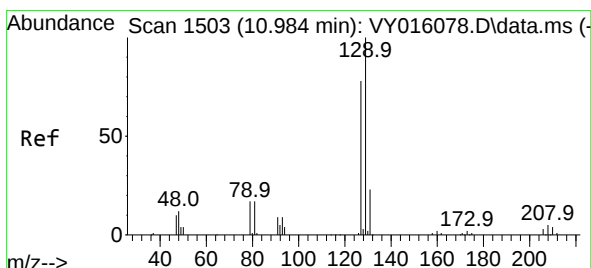
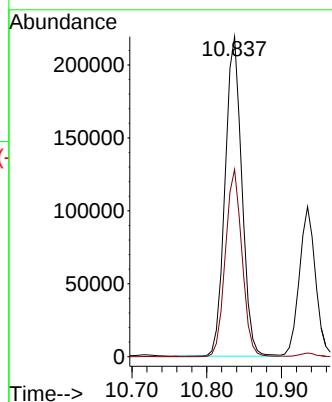
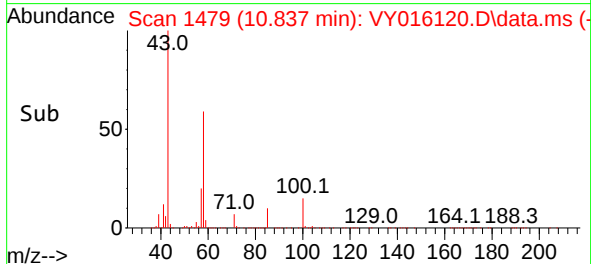
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



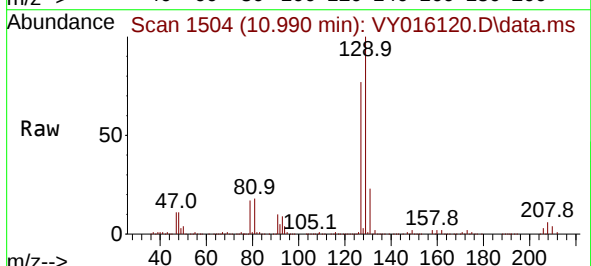
Tgt Ion: 43 Resp: 342254
Ion Ratio Lower Upper
43 100
58 57.9 25.1 75.3

Manual Integrations
APPROVED

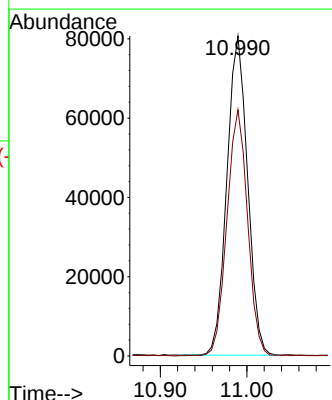
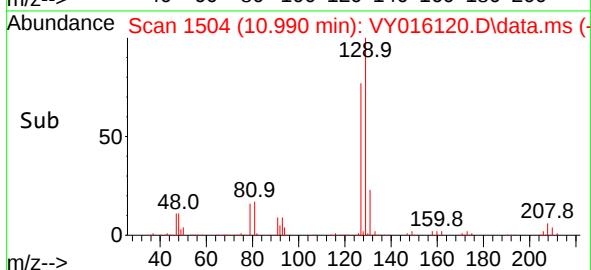
Reviewed By :Mahesh Dadoda 10/30/2023
Supervised By :Semsettin Yesilyurt 10/30/2023

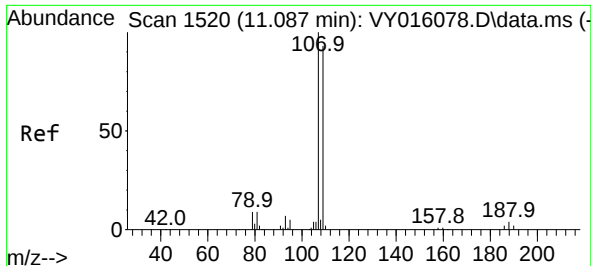


#60
Dibromochloromethane
Concen: 51.271 ug/l
RT: 10.990 min Scan# 1504
Delta R.T. 0.006 min
Lab File: VY016120.D
Acq: 27 Oct 2023 21:37



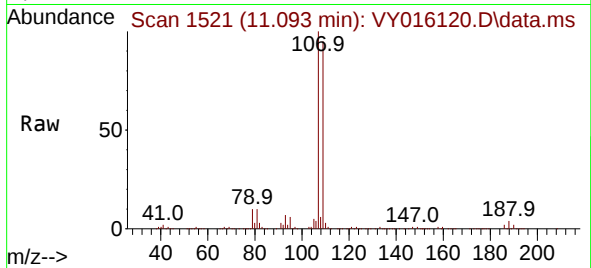
Tgt Ion:129 Resp: 133715
Ion Ratio Lower Upper
129 100
127 77.2 38.5 115.5





#61
1,2-Dibromoethane
Concen: 51.705 ug/l
RT: 11.093 min Scan# 1521
Delta R.T. 0.006 min
Lab File: VY016120.D
Acq: 27 Oct 2023 21:37

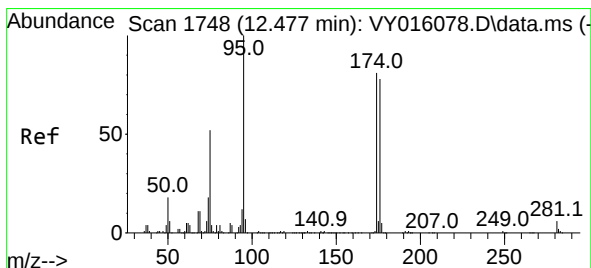
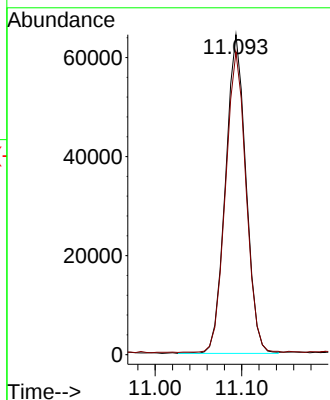
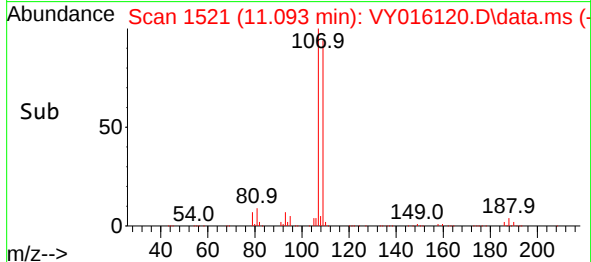
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion:107 Resp: 10544
Ion Ratio Lower Upper
107 100
109 94.8 75.6 113.4

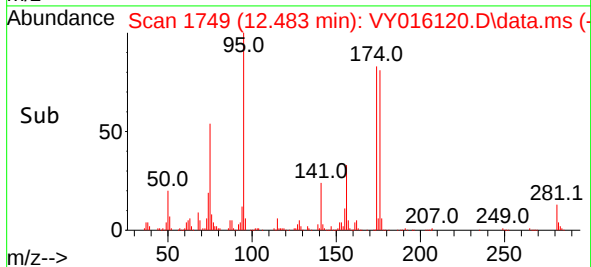
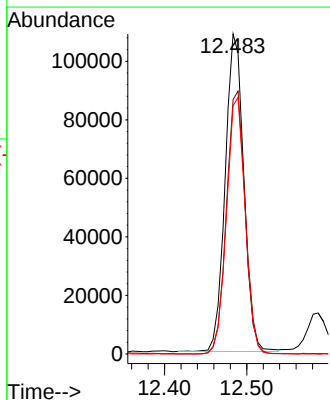
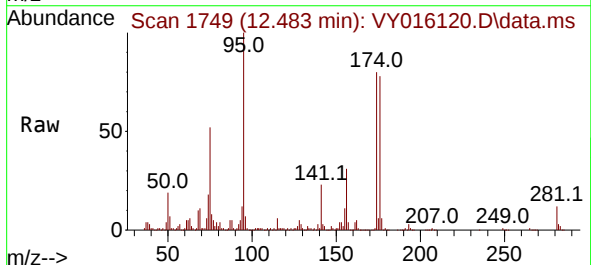
Manual Integrations
APPROVED

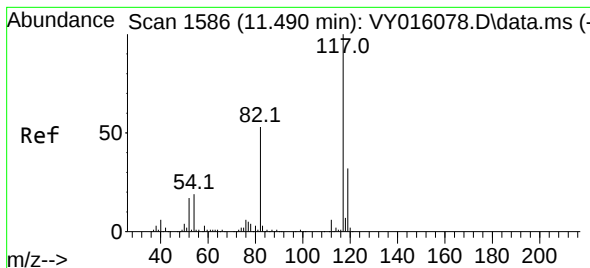
Reviewed By :Mahesh Dadoda 10/30/2023
Supervised By :Semsettin Yesilyurt 10/30/2023



#62
4-Bromofluorobenzene
Concen: 52.307 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY016120.D
Acq: 27 Oct 2023 21:37

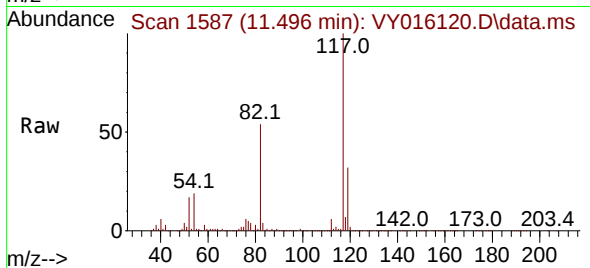
Tgt Ion: 95 Resp: 170105
Ion Ratio Lower Upper
95 100
174 84.0 0.0 178.2
176 80.9 0.0 173.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY016120.D
Acq: 27 Oct 2023 21:37

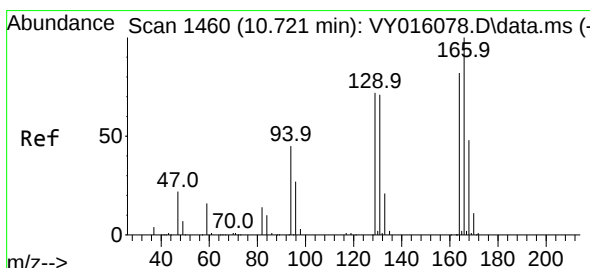
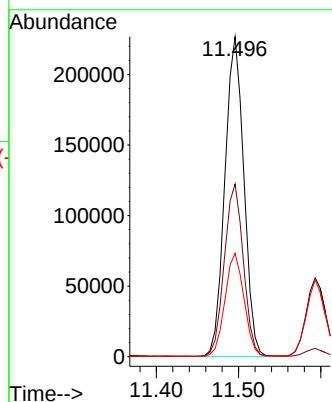
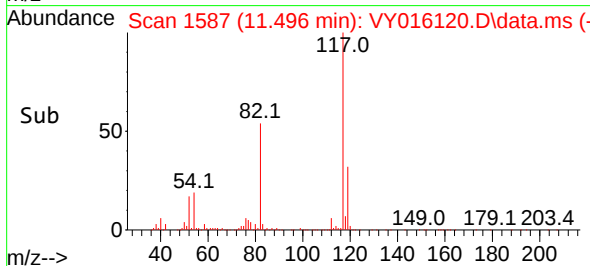
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 36395
Ion Ratio Lower Upper
117 100
82 53.8 43.4 65.0
119 32.2 26.3 39.5

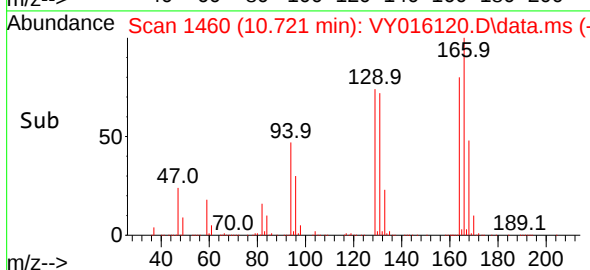
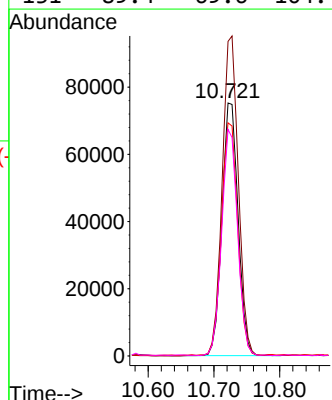
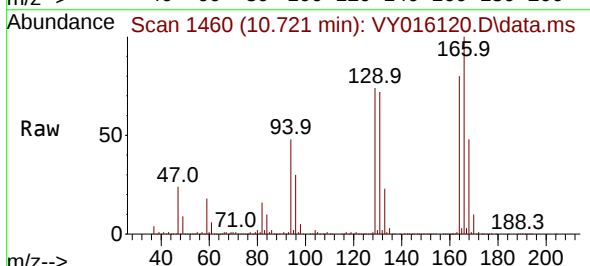
Manual Integrations
APPROVED

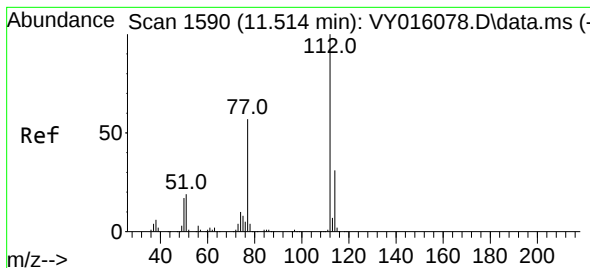
Reviewed By :Mahesh Dadoda 10/30/2023
Supervised By :Semsettin Yesilyurt 10/30/2023



#64
Tetrachloroethene
Concen: 53.215 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. 0.000 min
Lab File: VY016120.D
Acq: 27 Oct 2023 21:37

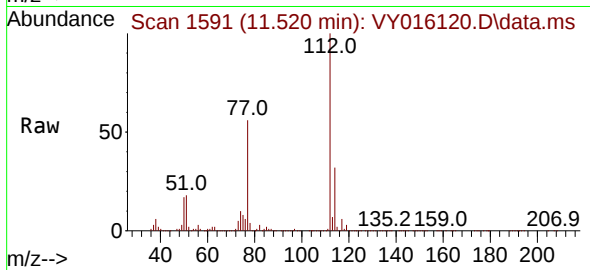
Tgt Ion:164 Resp: 128169
Ion Ratio Lower Upper
164 100
166 124.5 103.0 154.6
129 92.0 77.2 115.8
131 89.4 69.6 104.4





#65
Chlorobenzene
Concen: 48.019 ug/l
RT: 11.520 min Scan# 1591
Delta R.T. 0.006 min
Lab File: VY016120.D
Acq: 27 Oct 2023 21:37

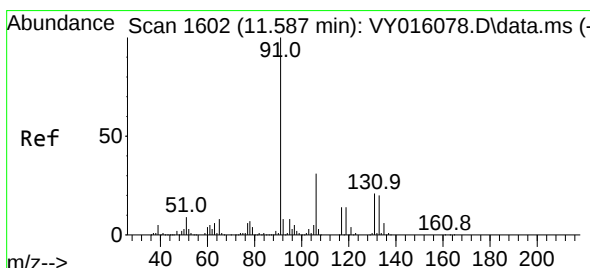
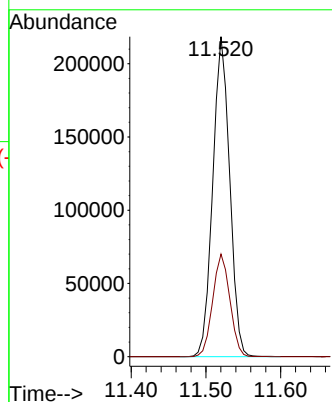
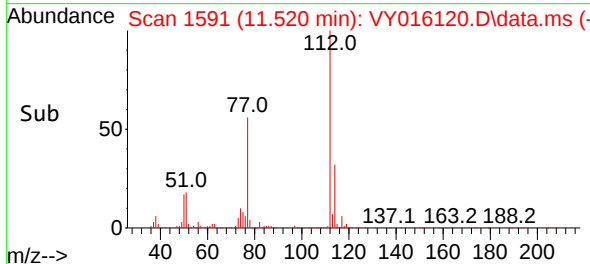
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



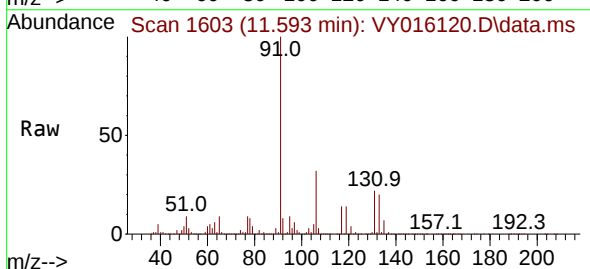
Tgt Ion:112 Resp: 343448
Ion Ratio Lower Upper
112 100
114 32.1 25.5 38.3

Manual Integrations
APPROVED

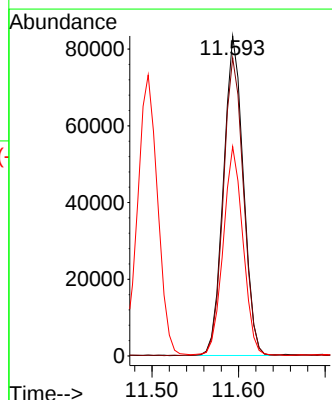
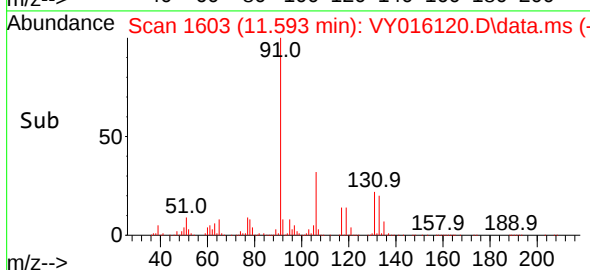
Reviewed By :Mahesh Dadoda 10/30/2023
Supervised By :Semsettin Yesilyurt 10/30/2023

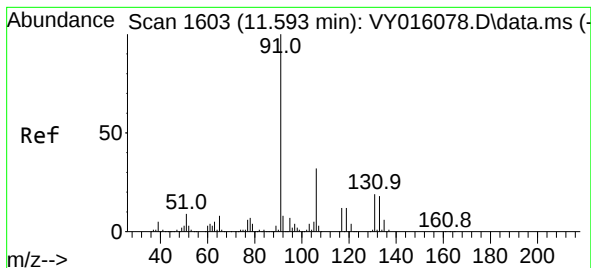


#66
1,1,1,2-Tetrachloroethane
Concen: 49.856 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.006 min
Lab File: VY016120.D
Acq: 27 Oct 2023 21:37



Tgt Ion:131 Resp: 133167
Ion Ratio Lower Upper
131 100
133 94.3 47.5 142.6
119 64.7 31.6 94.7





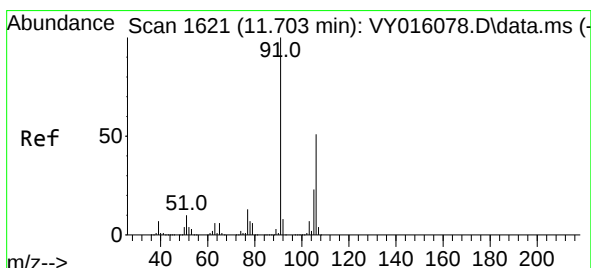
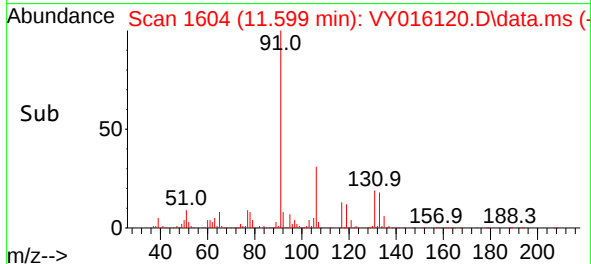
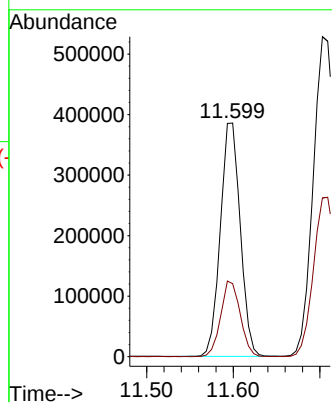
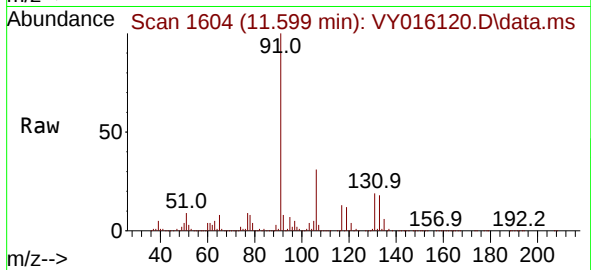
#67
Ethyl Benzene
Concen: 48.555 ug/l
RT: 11.599 min Scan# 1604
Delta R.T. 0.006 min
Lab File: VY016120.D
Acq: 27 Oct 2023 21:37

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 61684
Ion Ratio Lower Upper
91 100
106 31.2 24.6 36.8

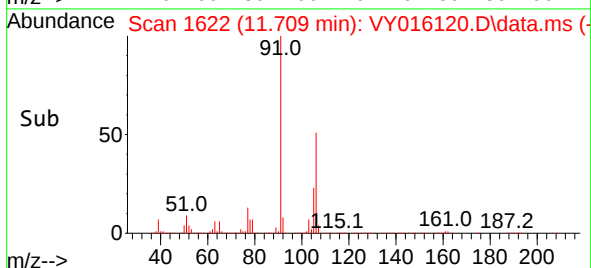
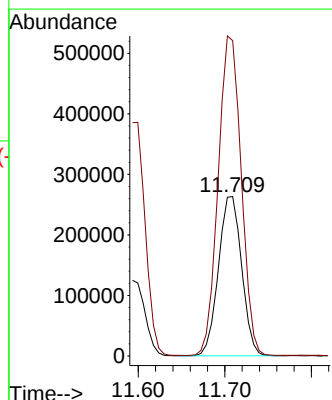
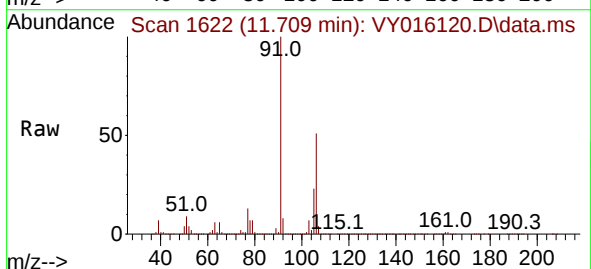
Manual Integrations
APPROVED

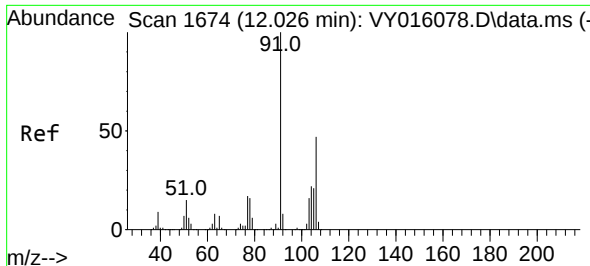
Reviewed By :Mahesh Dadoda 10/30/2023
Supervised By :Semsettin Yesilyurt 10/30/2023



#68
m/p-Xylenes
Concen: 99.671 ug/l
RT: 11.709 min Scan# 1622
Delta R.T. 0.006 min
Lab File: VY016120.D
Acq: 27 Oct 2023 21:37

Tgt Ion:106 Resp: 490016
Ion Ratio Lower Upper
106 100
91 199.4 166.1 249.1





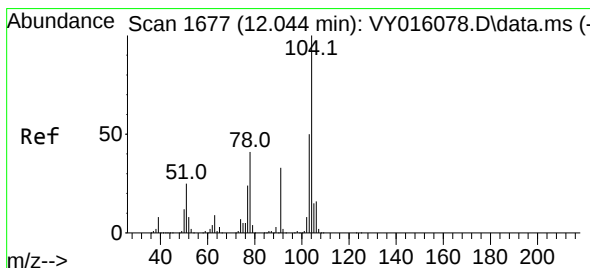
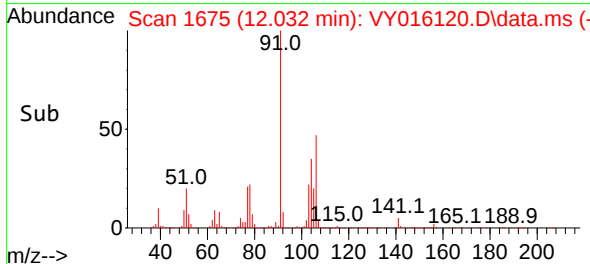
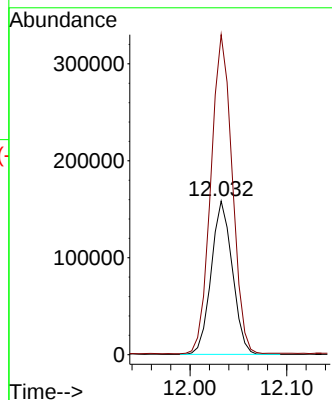
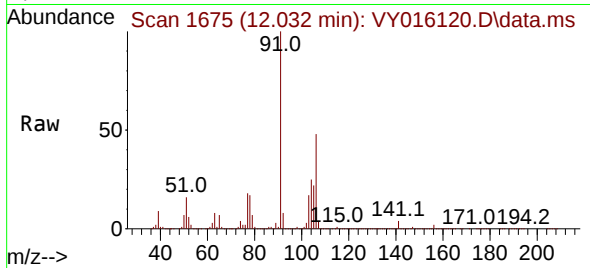
#69
o-Xylene
Concen: 51.007 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. 0.006 min
Lab File: VY016120.D
Acq: 27 Oct 2023 21:37

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 24007
Ion Ratio Lower Upper
106 100
91 210.4 108.1 324.3

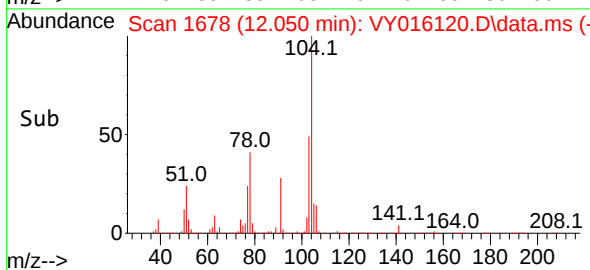
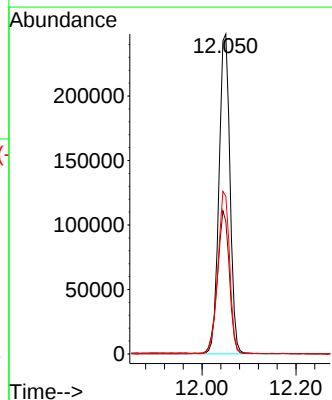
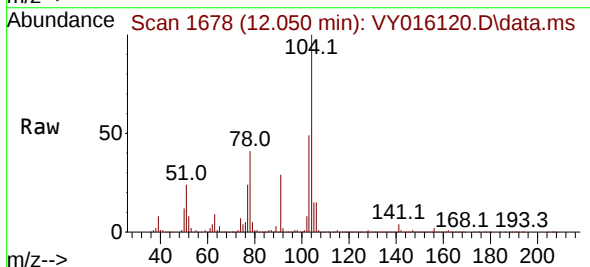
Manual Integrations
APPROVED

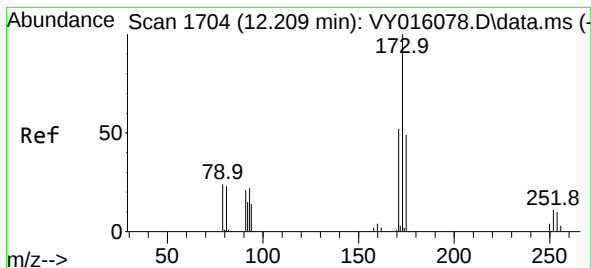
Reviewed By :Mahesh Dadoda 10/30/2023
Supervised By :Semsettin Yesilyurt 10/30/2023



#70
Styrene
Concen: 51.409 ug/l
RT: 12.050 min Scan# 1678
Delta R.T. 0.006 min
Lab File: VY016120.D
Acq: 27 Oct 2023 21:37

Tgt Ion:104 Resp: 403334
Ion Ratio Lower Upper
104 100
78 48.3 41.5 62.3
103 54.1 44.6 67.0





#71

Bromoform

Concen: 52.841 ug/l

RT: 12.215 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY016120.D

Acq: 27 Oct 2023 21:37

Instrument :

MSVOA_Y

ClientSampleId :

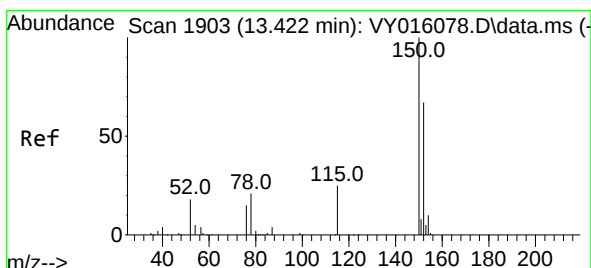
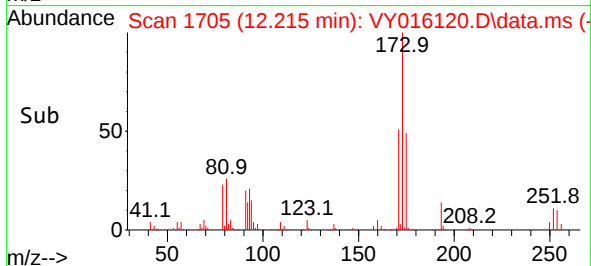
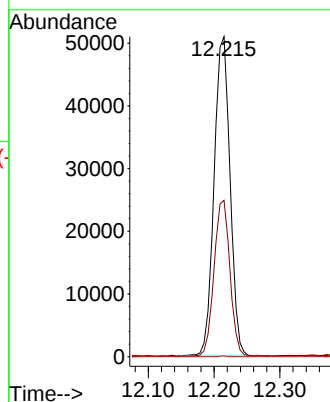
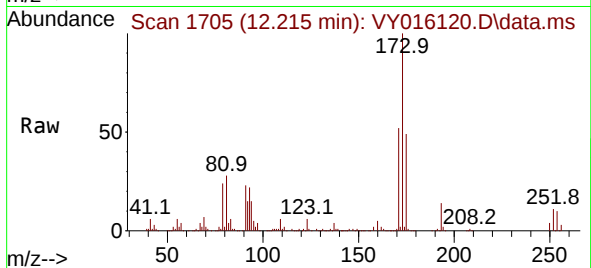
VSTDCCC050EC

Tgt Ion:173	Resp:	85974
Ion Ratio	Lower	Upper
173	100	
175	49.3	24.6 73.8
254	0.1	0.2 0.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/30/2023
Supervised By :Semsettin Yesilyurt 10/30/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

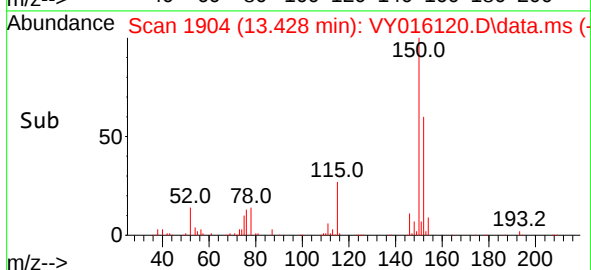
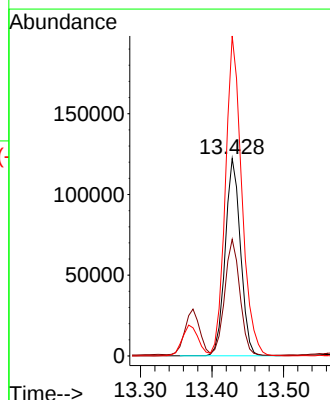
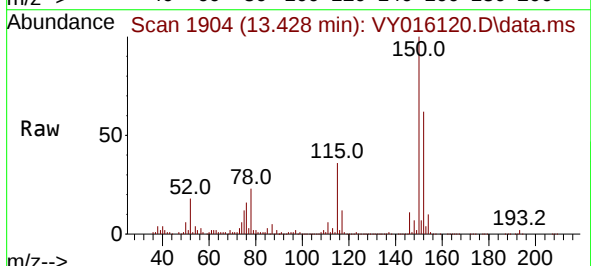
RT: 13.428 min Scan# 1904

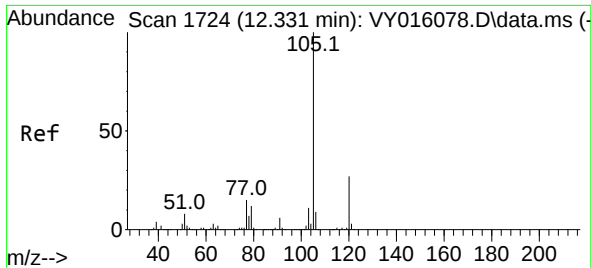
Delta R.T. 0.006 min

Lab File: VY016120.D

Acq: 27 Oct 2023 21:37

Tgt Ion:152	Resp:	180813
Ion Ratio	Lower	Upper
152	100	
115	58.3	28.8 86.5
150	174.1	0.0 348.8





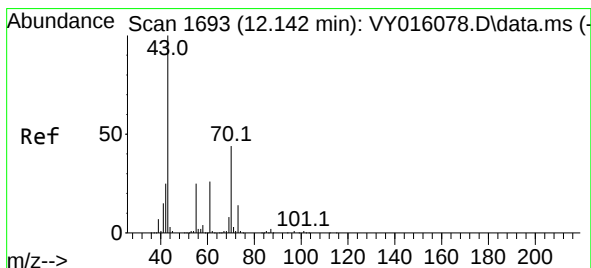
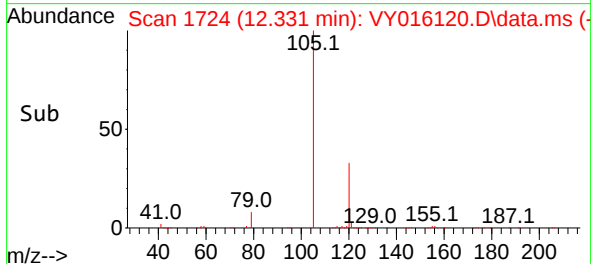
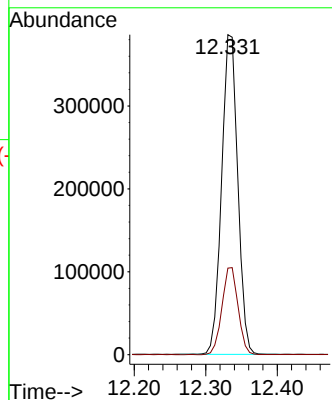
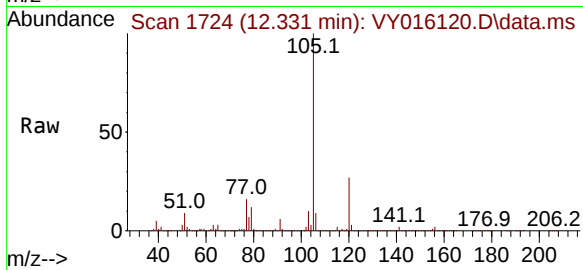
#73
Isopropylbenzene
Concen: 47.398 ug/l
RT: 12.331 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY016120.D
Acq: 27 Oct 2023 21:37

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:105 Resp: 60313
Ion Ratio Lower Upper
105 100
120 27.2 13.3 39.9

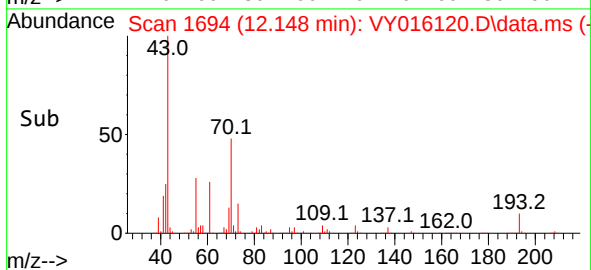
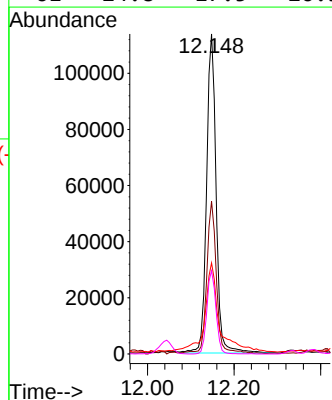
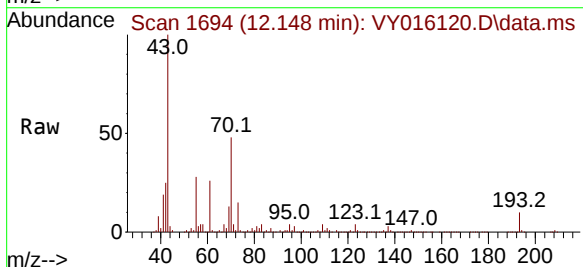
Manual Integrations
APPROVED

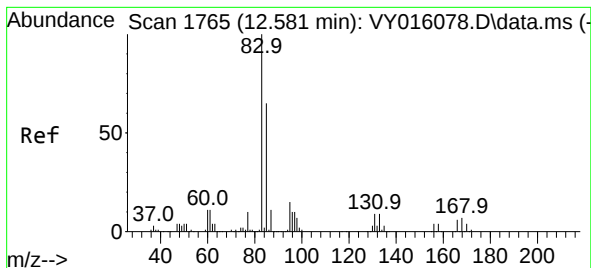
Reviewed By :Mahesh Dadoda 10/30/2023
Supervised By :Semsettin Yesilyurt 10/30/2023



#74
N-ethyl acetate
Concen: 56.325 ug/l
RT: 12.148 min Scan# 1694
Delta R.T. 0.006 min
Lab File: VY016120.D
Acq: 27 Oct 2023 21:37

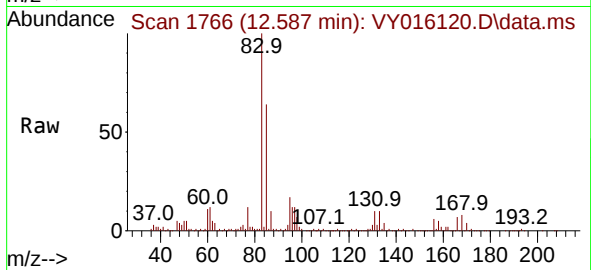
Tgt Ion: 43 Resp: 174765
Ion Ratio Lower Upper
43 100
70 47.9 29.7 44.5#
55 42.1 18.3 27.5#
61 24.8 17.5 26.3





#75
1,1,2,2-Tetrachloroethane
Concen: 50.158 ug/l
RT: 12.587 min Scan# 1766
Delta R.T. 0.006 min
Lab File: VY016120.D
Acq: 27 Oct 2023 21:37

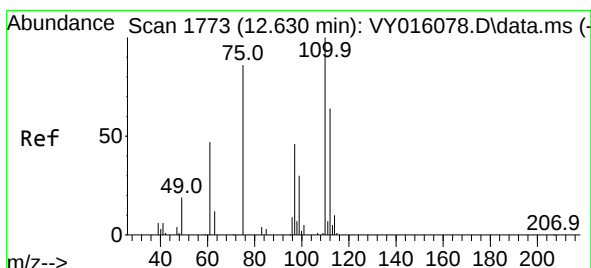
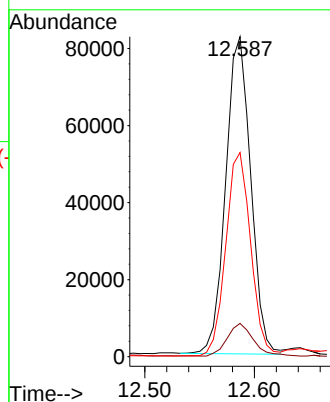
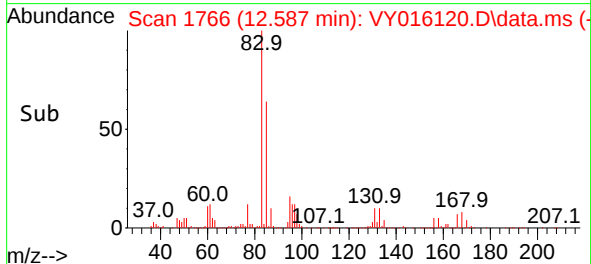
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



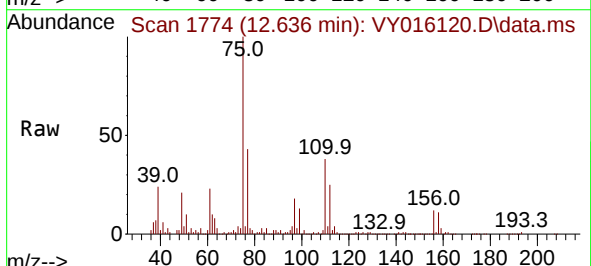
Tgt Ion: 83 Resp: 130472
Ion Ratio Lower Upper
83 100
131 10.8 5.4 16.2
85 64.1 31.8 95.4

Manual Integrations
APPROVED

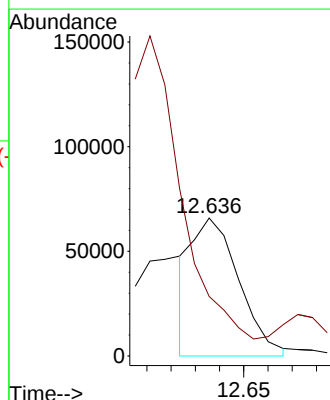
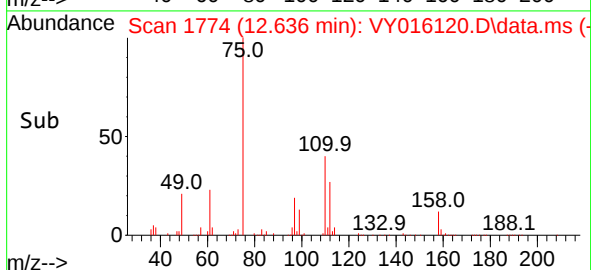
Reviewed By :Mahesh Dadoda 10/30/2023
Supervised By :Semsettin Yesilyurt 10/30/2023

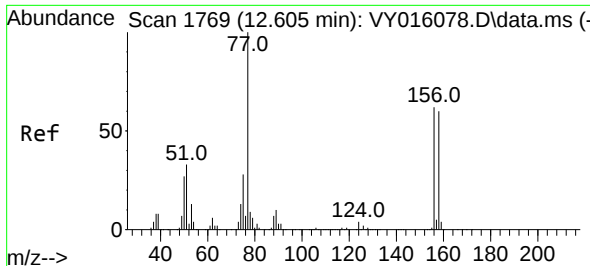


#76
1,2,3-Trichloropropane
Concen: 48.389 ug/l m
RT: 12.636 min Scan# 1774
Delta R.T. 0.006 min
Lab File: VY016120.D
Acq: 27 Oct 2023 21:37



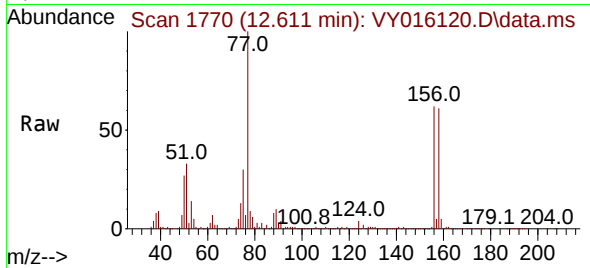
Tgt Ion: 75 Resp: 89327
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77
Bromobenzene
Concen: 50.002 ug/l
RT: 12.611 min Scan# 1769
Delta R.T. 0.006 min
Lab File: VY016120.D
Acq: 27 Oct 2023 21:37

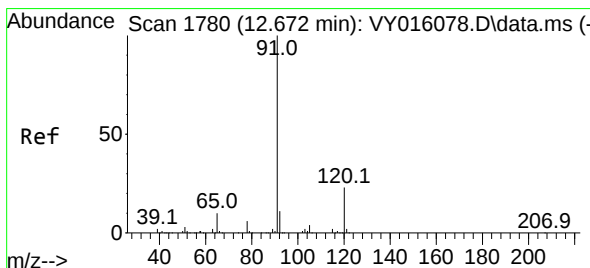
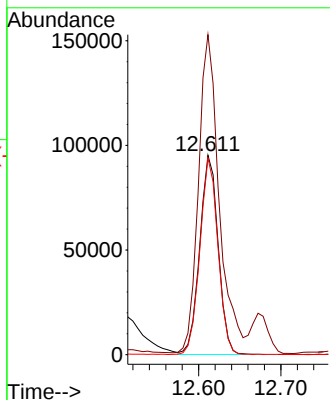
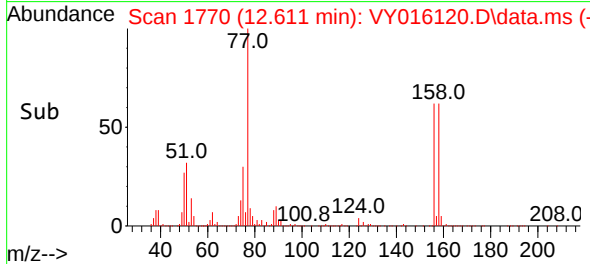
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion:156 Resp: 148490
Ion Ratio Lower Upper
156 100
77 178.4 92.8 278.6
158 96.3 48.4 145.3

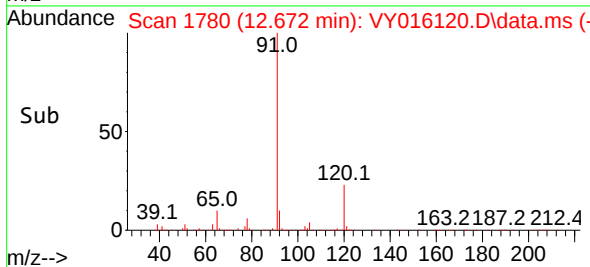
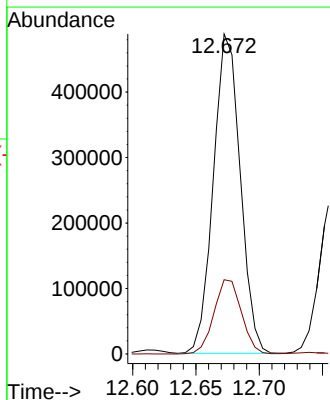
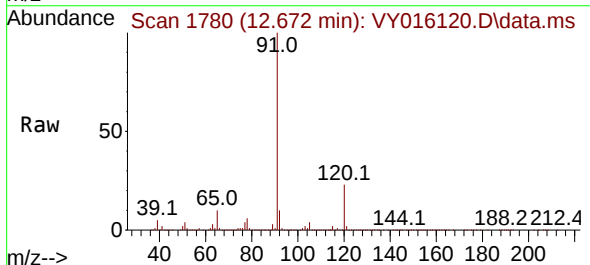
Manual Integrations
APPROVED

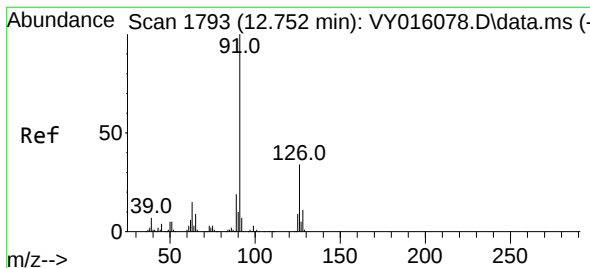
Reviewed By :Mahesh Dadoda 10/30/2023
Supervised By :Semsettin Yesilyurt 10/30/2023



#78
n-propylbenzene
Concen: 46.716 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. 0.000 min
Lab File: VY016120.D
Acq: 27 Oct 2023 21:37

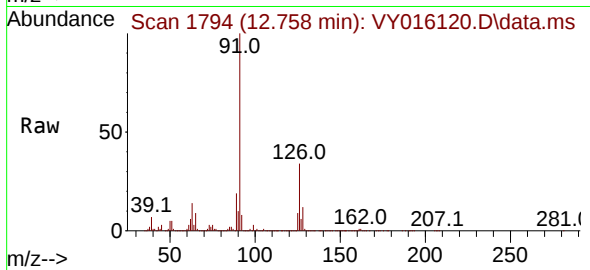
Tgt Ion: 91 Resp: 719774
Ion Ratio Lower Upper
91 100
120 23.8 11.5 34.4





#79
2-Chlorotoluene
Concen: 48.036 ug/l
RT: 12.758 min Scan# 1793
Delta R.T. 0.006 min
Lab File: VY016120.D
Acq: 27 Oct 2023 21:37

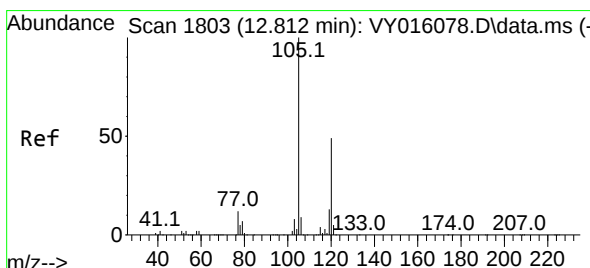
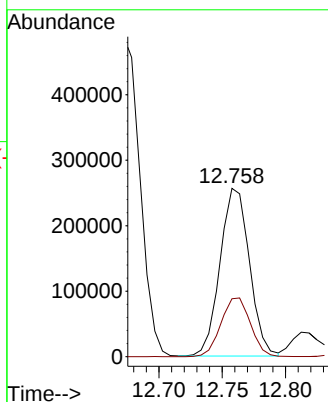
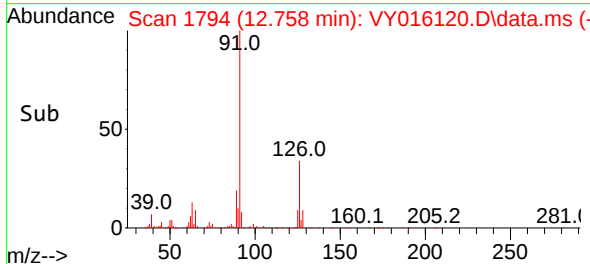
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 414500
Ion Ratio Lower Upper
91 100
126 35.2 17.3 51.7

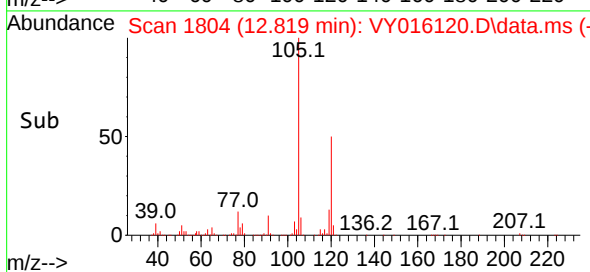
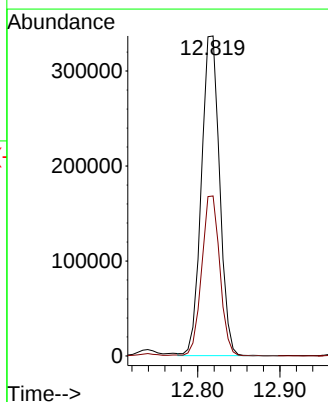
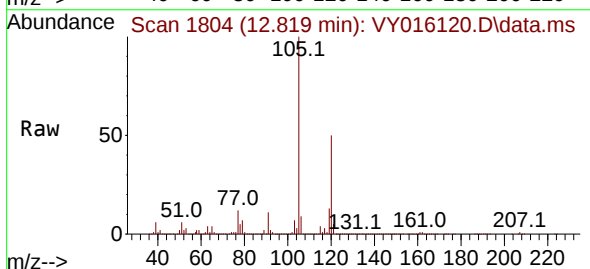
Manual Integrations
APPROVED

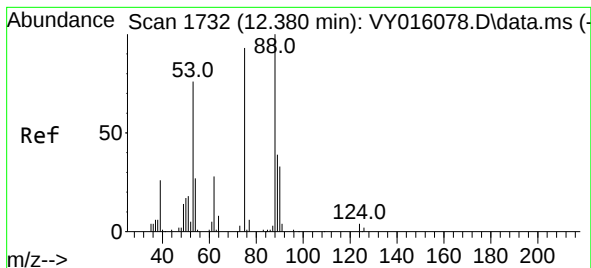
Reviewed By :Mahesh Dadoda 10/30/2023
Supervised By :Semsettin Yesilyurt 10/30/2023



#80
1,3,5-Trimethylbenzene
Concen: 49.041 ug/l
RT: 12.819 min Scan# 1804
Delta R.T. 0.006 min
Lab File: VY016120.D
Acq: 27 Oct 2023 21:37

Tgt Ion:105 Resp: 518111
Ion Ratio Lower Upper
105 100
120 49.9 23.9 71.7





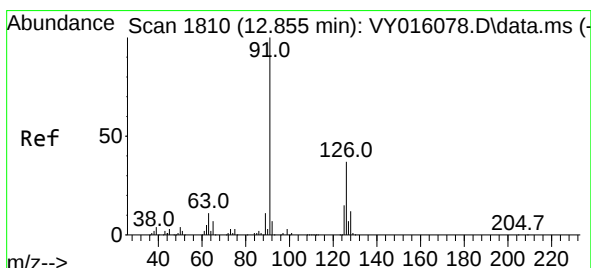
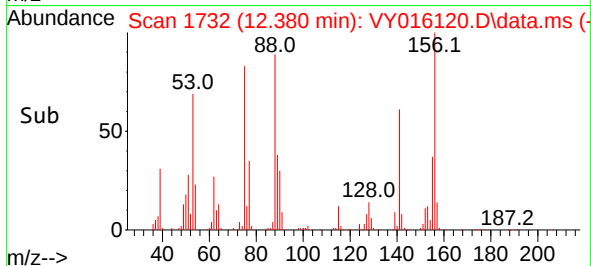
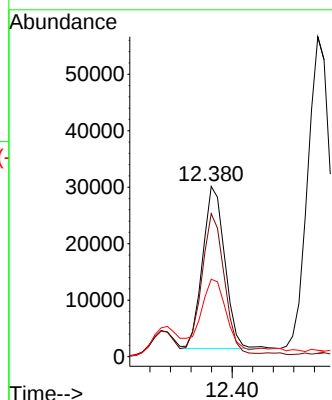
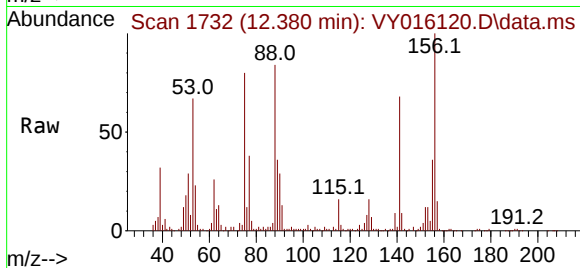
#81
trans-1,4-Dichloro-2-butene
Concen: 50.732 ug/l
RT: 12.380 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VY016120.D
Acq: 27 Oct 2023 21:37

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 43090
Ion Ratio Lower Upper
75 100
53 87.3 77.8 116.8
89 48.9 37.4 56.0

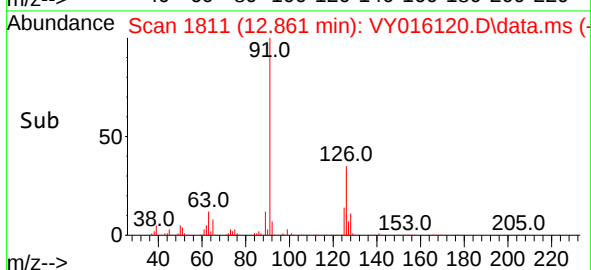
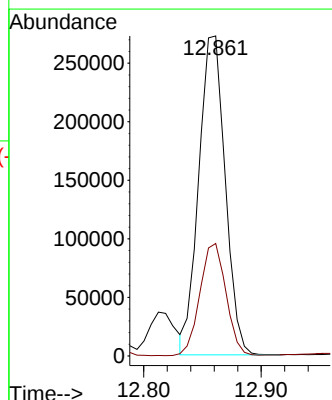
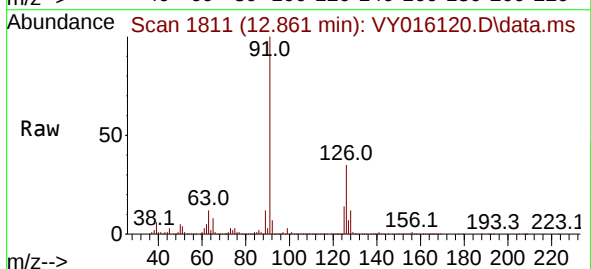
Manual Integrations
APPROVED

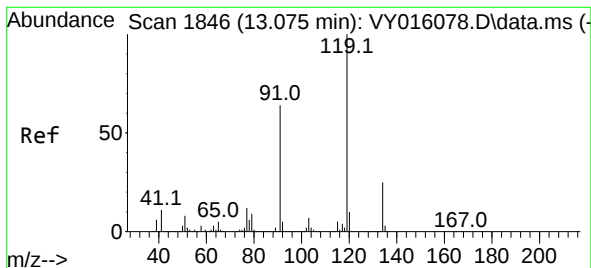
Reviewed By :Mahesh Dadoda 10/30/2023
Supervised By :Semsettin Yesilyurt 10/30/2023



#82
4-Chlorotoluene
Concen: 47.595 ug/l
RT: 12.861 min Scan# 1811
Delta R.T. 0.006 min
Lab File: VY016120.D
Acq: 27 Oct 2023 21:37

Tgt Ion: 91 Resp: 425920
Ion Ratio Lower Upper
91 100
126 34.9 17.2 51.6





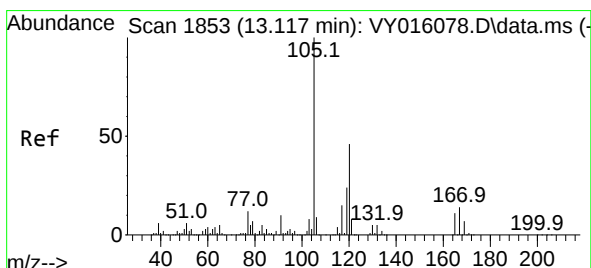
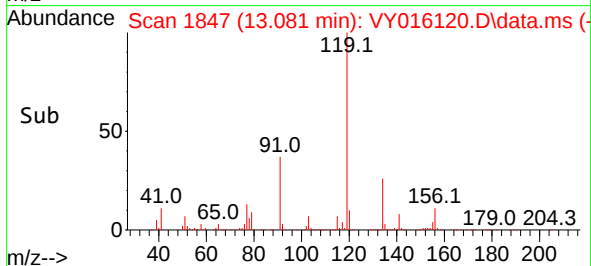
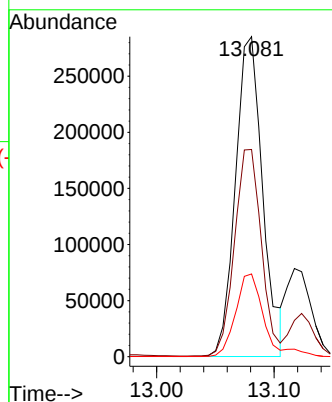
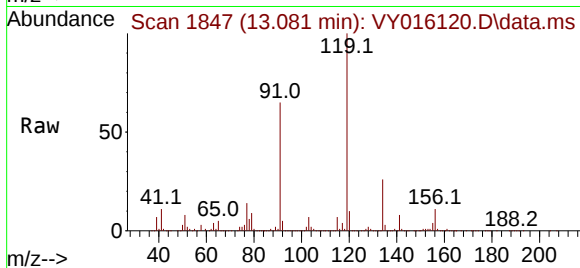
#83
tert-Butylbenzene
Concen: 48.883 ug/l
RT: 13.081 min Scan# 1846
Delta R.T. 0.006 min
Lab File: VY016120.D
Acq: 27 Oct 2023 21:37

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:119 Resp: 45906
Ion Ratio Lower Upper
119 100
91 63.8 32.9 98.6
134 27.0 13.0 38.9

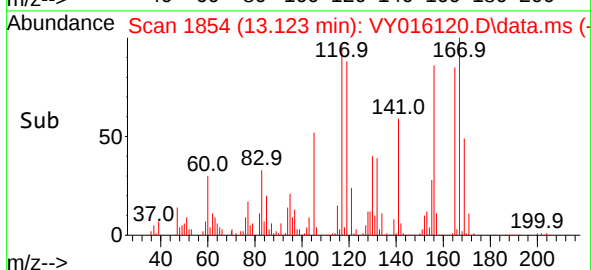
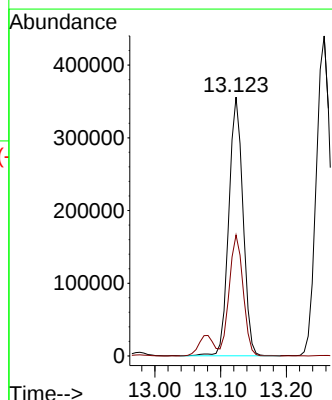
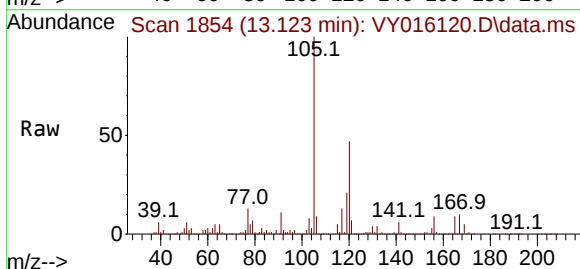
Manual Integrations
APPROVED

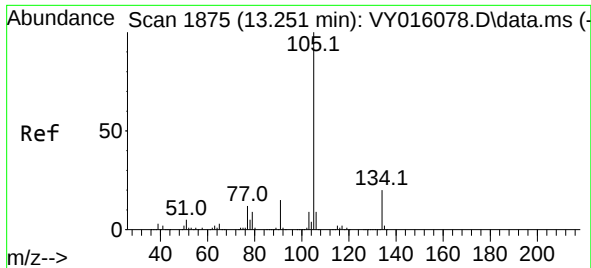
Reviewed By :Mahesh Dadoda 10/30/2023
Supervised By :Semsettin Yesilyurt 10/30/2023



#84
1,2,4-Trimethylbenzene
Concen: 51.160 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. 0.006 min
Lab File: VY016120.D
Acq: 27 Oct 2023 21:37

Tgt Ion:105 Resp: 533816
Ion Ratio Lower Upper
105 100
120 45.5 22.2 66.6





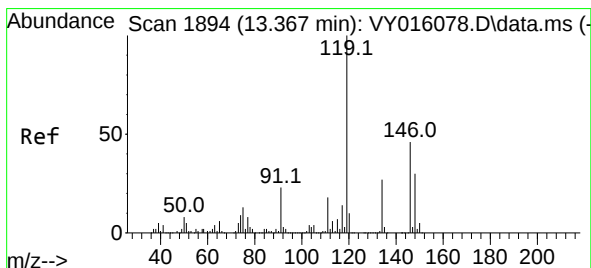
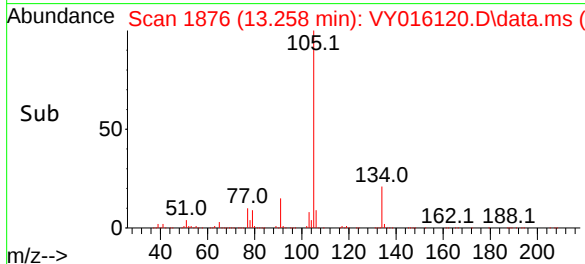
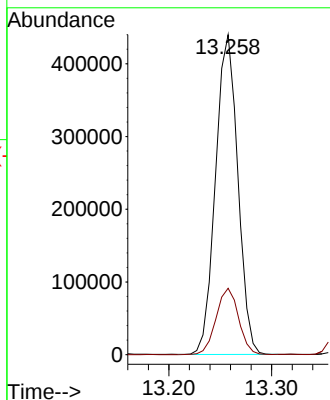
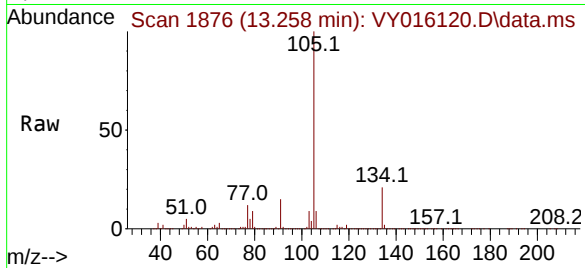
#85
 sec-Butylbenzene
 Concen: 47.322 ug/l
 RT: 13.258 min Scan# 1875
 Delta R.T. 0.006 min
 Lab File: VY016120.D
 Acq: 27 Oct 2023 21:37

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:105 Resp: 661898
 Ion Ratio Lower Upper
 105 100
 134 21.0 10.2 30.6

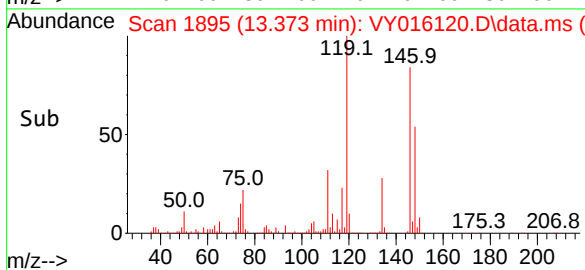
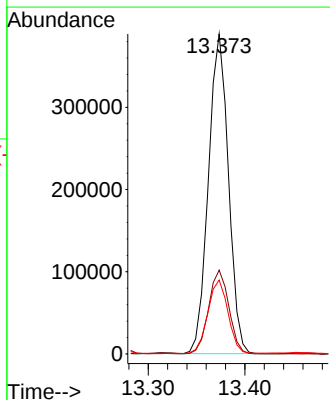
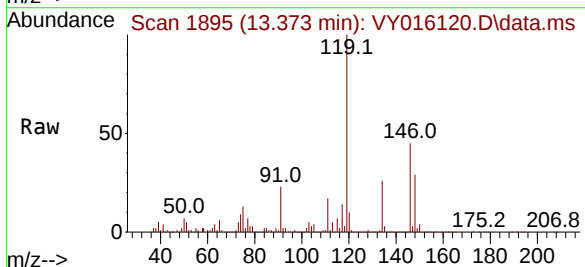
Manual Integrations
 APPROVED

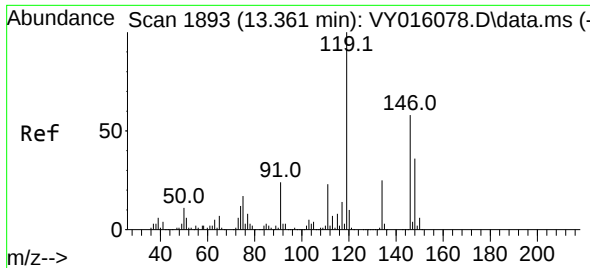
Reviewed By :Mahesh Dadoda 10/30/2023
 Supervised By :Semsettin Yesilyurt 10/30/2023



#86
 p-Isopropyltoluene
 Concen: 47.902 ug/l
 RT: 13.373 min Scan# 1895
 Delta R.T. 0.006 min
 Lab File: VY016120.D
 Acq: 27 Oct 2023 21:37

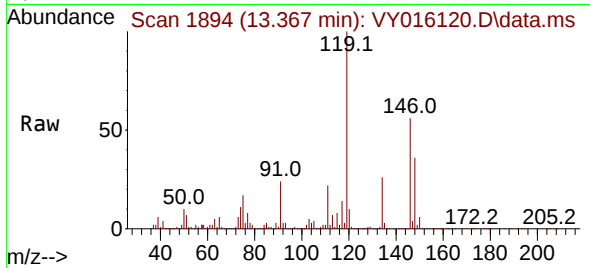
Tgt Ion:119 Resp: 559073
 Ion Ratio Lower Upper
 119 100
 134 26.5 13.3 39.8
 91 23.1 12.4 37.4





#87
1,3-Dichlorobenzene
Concen: 48.092 ug/l
RT: 13.367 min Scan# 1893
Delta R.T. 0.006 min
Lab File: VY016120.D
Acq: 27 Oct 2023 21:37

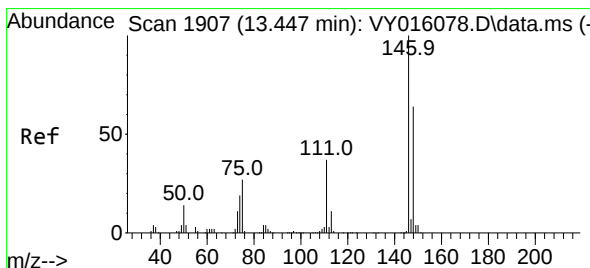
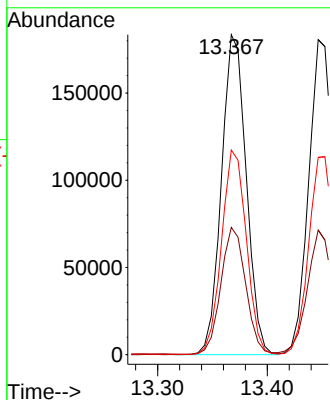
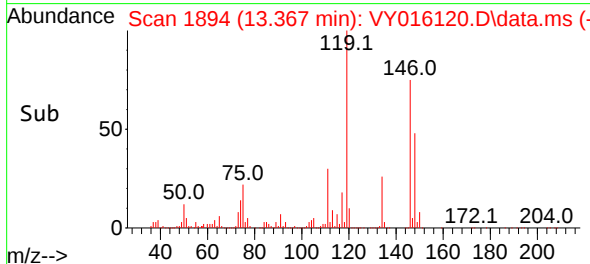
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion:146 Resp: 288394
Ion Ratio Lower Upper
146 100
111 39.7 19.4 58.2
148 63.8 31.9 95.5

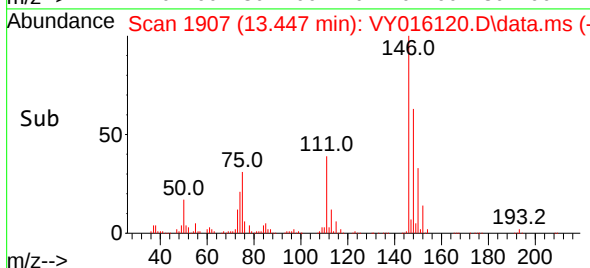
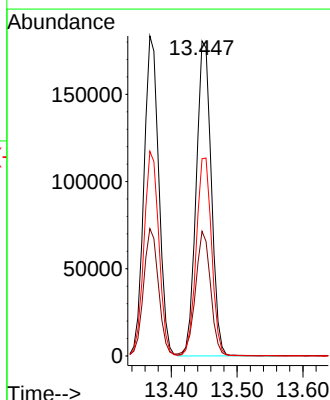
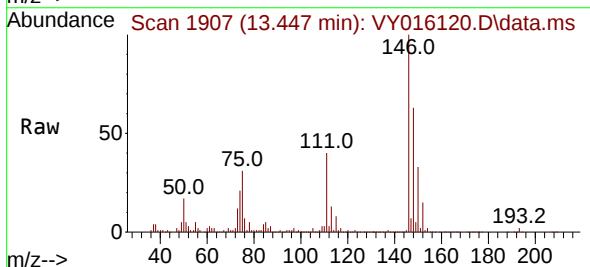
Manual Integrations
APPROVED

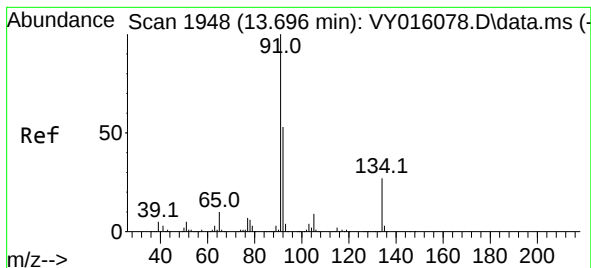
Reviewed By :Mahesh Dadoda 10/30/2023
Supervised By :Semsettin Yesilyurt 10/30/2023



#88
1,4-Dichlorobenzene
Concen: 48.391 ug/l
RT: 13.447 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY016120.D
Acq: 27 Oct 2023 21:37

Tgt Ion:146 Resp: 286798
Ion Ratio Lower Upper
146 100
111 39.8 18.9 56.7
148 64.0 32.1 96.5





#89

n-Butylbenzene

Concen: 47.713 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. 0.000 min

Lab File: VY016120.D

Acq: 27 Oct 2023 21:37

Instrument :

MSVOA_Y

ClientSampleId :

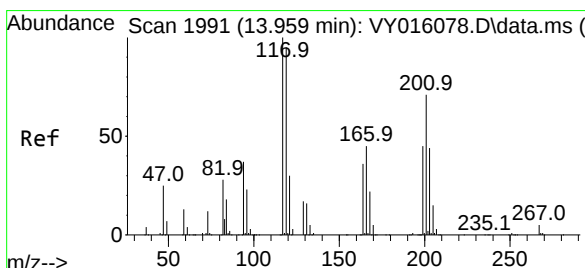
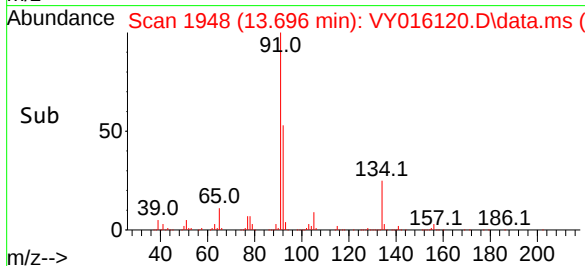
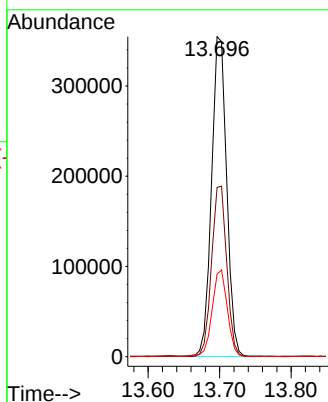
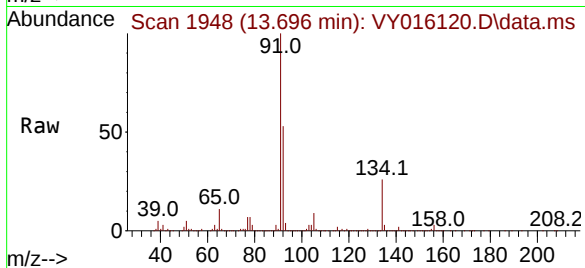
VSTDCCC050EC

Tgt Ion:	91	Resp:	519460
Ion	Ratio	Lower	Upper
91	100		
92	53.4	25.4	76.0
134	27.2	12.6	37.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/30/2023
Supervised By :Semsettin Yesilyurt 10/30/2023



#90

Hexachloroethane

Concen: 46.779 ug/l

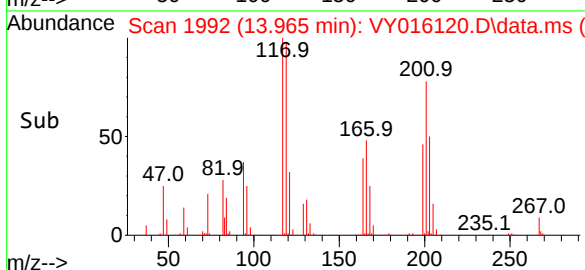
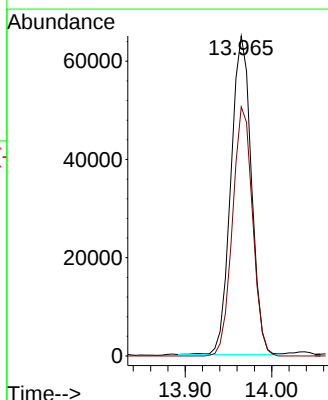
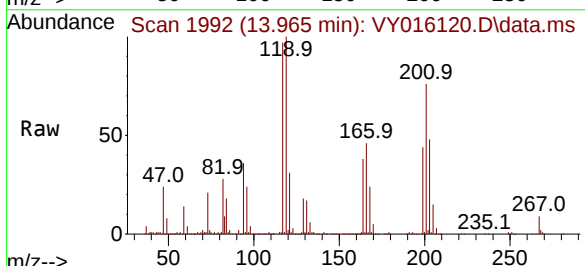
RT: 13.965 min Scan# 1992

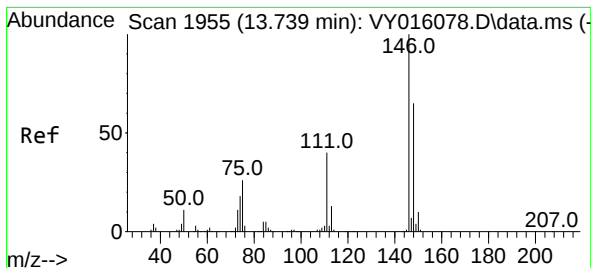
Delta R.T. 0.006 min

Lab File: VY016120.D

Acq: 27 Oct 2023 21:37

Tgt Ion:	117	Resp:	106294
Ion	Ratio	Lower	Upper
117	100		
201	76.7	41.6	124.8





#91

1,2-Dichlorobenzene

Concen: 49.406 ug/l

RT: 13.745 min Scan# 1955

Delta R.T. 0.006 min

Lab File: VY016120.D

Acq: 27 Oct 2023 21:37

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion:146 Resp: 262318

Ion Ratio Lower Upper

146 100

111 40.9 19.7 59.0

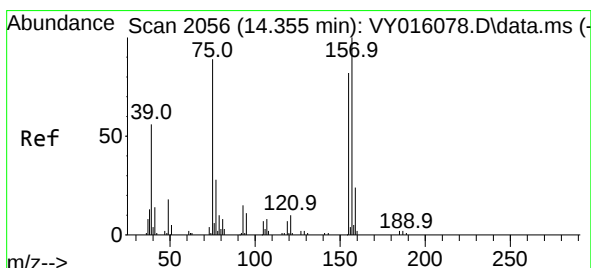
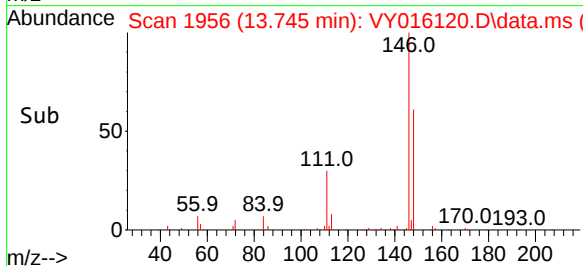
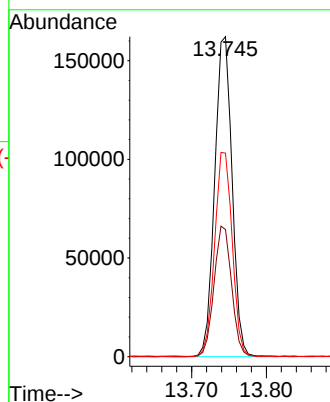
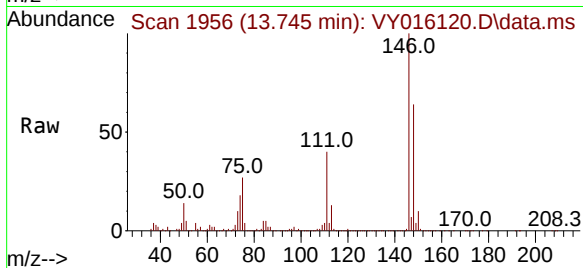
148 64.5 32.0 96.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/30/2023

Supervised By :Semsettin Yesilyurt 10/30/2023



#92

1,2-Dibromo-3-Chloropropane

Concen: 55.136 ug/l

RT: 14.361 min Scan# 2057

Delta R.T. 0.006 min

Lab File: VY016120.D

Acq: 27 Oct 2023 21:37

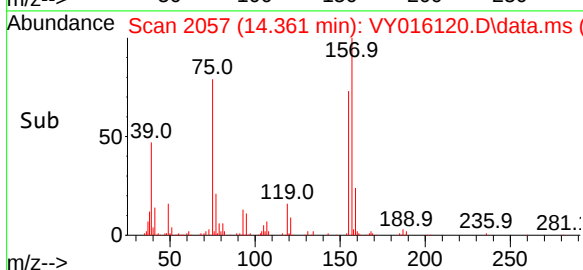
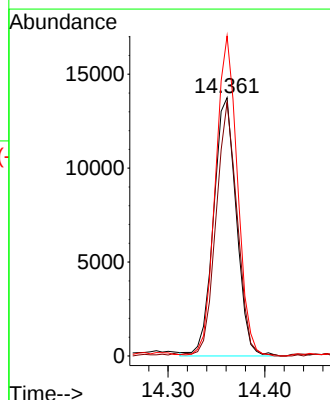
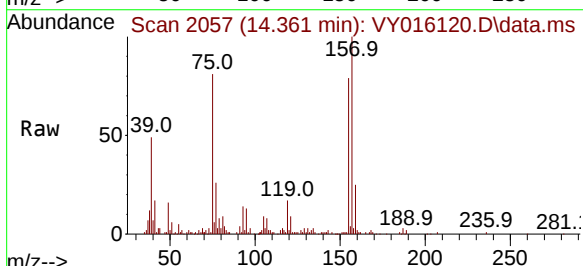
Tgt Ion: 75 Resp: 22516

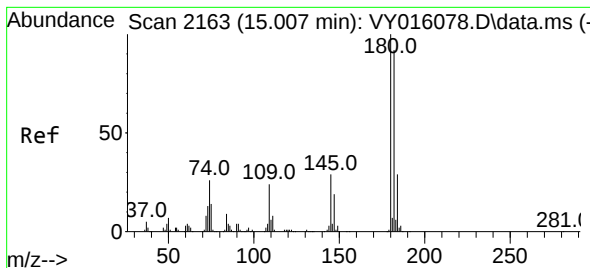
Ion Ratio Lower Upper

75 100

155 91.7 41.5 124.6

157 118.9 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 50.566 ug/l

RT: 15.013 min Scan# 2164

Delta R.T. 0.006 min

Lab File: VY016120.D

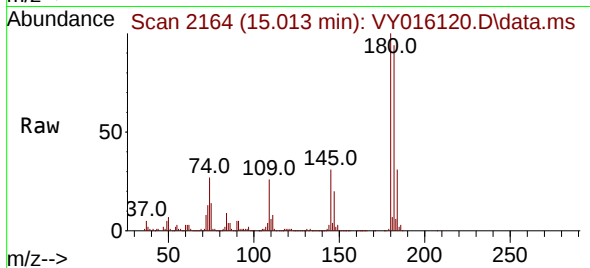
Acq: 27 Oct 2023 21:37

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC



Tgt Ion:180 Resp: 166090

Ion Ratio Lower Upper

180 100

182 95.0 47.0 141.2

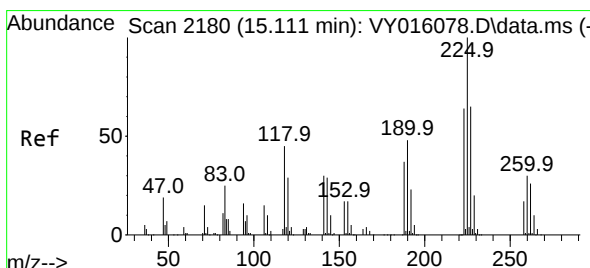
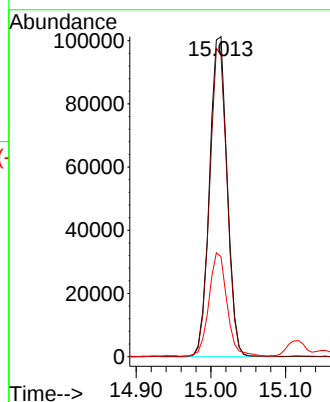
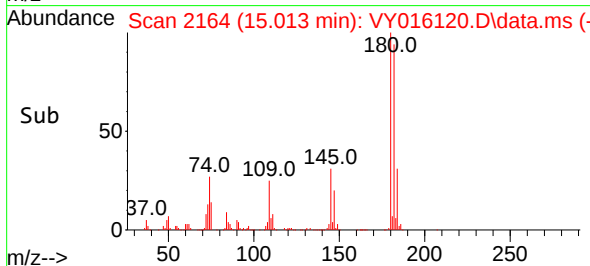
145 33.1 14.5 43.5

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/30/2023

Supervised By :Semsettin Yesilyurt 10/30/2023



#94

Hexachlorobutadiene

Concen: 48.159 ug/l

RT: 15.117 min Scan# 2181

Delta R.T. 0.006 min

Lab File: VY016120.D

Acq: 27 Oct 2023 21:37

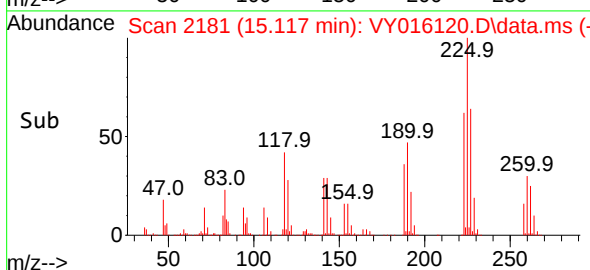
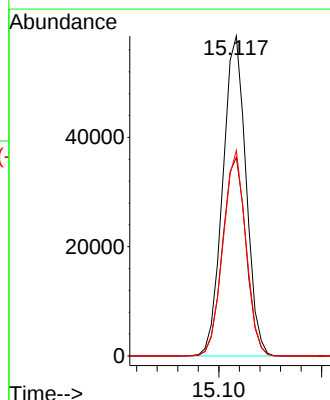
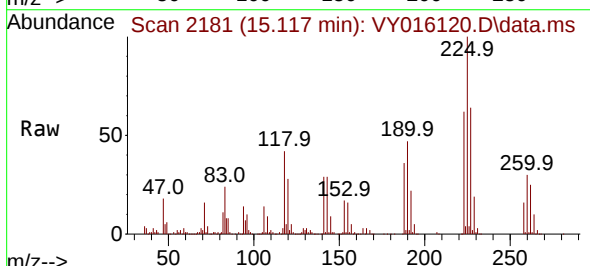
Tgt Ion:225 Resp: 91812

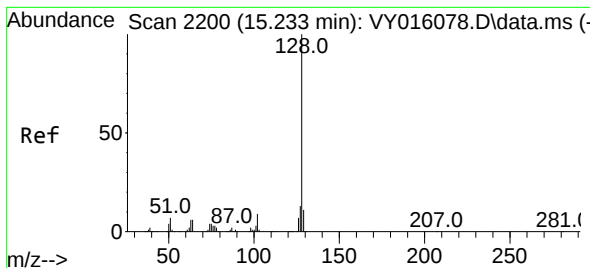
Ion Ratio Lower Upper

225 100

223 62.6 31.9 95.9

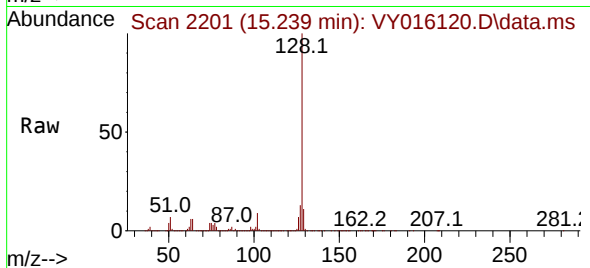
227 62.9 33.0 98.9





#95
Naphthalene
Concen: 145.488 ug/l
RT: 15.239 min Scan# 21
Delta R.T. 0.006 min
Lab File: VY016120.D
Acq: 27 Oct 2023 21:37

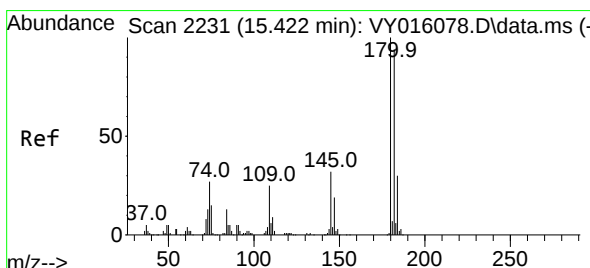
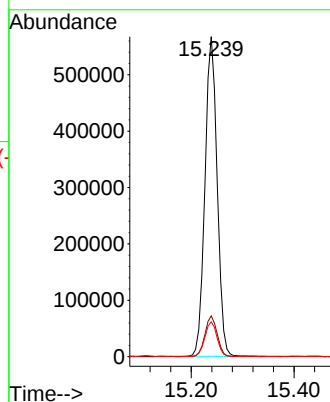
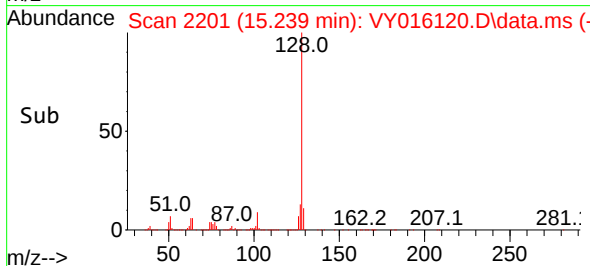
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



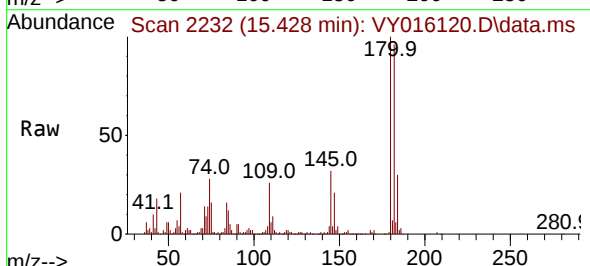
Tgt Ion:128 Resp: 93200
Ion Ratio Lower Upper
128 100
127 12.9 10.8 16.2
129 10.9 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 10/30/2023
Supervised By :Semsettin Yesilyurt 10/30/2023



#96
1,2,3-Trichlorobenzene
Concen: 52.209 ug/l
RT: 15.428 min Scan# 2232
Delta R.T. 0.006 min
Lab File: VY016120.D
Acq: 27 Oct 2023 21:37



Tgt Ion:180 Resp: 147892
Ion Ratio Lower Upper
180 100
182 95.3 47.3 141.8
145 34.6 15.4 46.2

