

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101223\
 Data File : VY015941.D
 Acq On : 12 Oct 2023 18:19
 Operator : SY/MD
 Sample : VSTDICC020
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC020

Quant Time: Oct 13 12:54:37 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y101223S.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 13 09:06:21 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 10/13/2023
 Supervised By :Semsettin Yesilyurt 10/13/2023

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	226022	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	367037	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	342044	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	172313	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	52384	20.308	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	40.620%#		
35) Dibromofluoromethane	7.716	113	47668	20.629	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	41.260%#		
50) Toluene-d8	10.179	98	182158	21.050	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	42.100%#		
62) 4-Bromofluorobenzene	12.483	95	64175	20.827	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	41.660%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	35328	18.680	ug/l	98
3) Chloromethane	2.107	50	68633	20.755	ug/l	99
4) Vinyl Chloride	2.247	62	45659	18.873	ug/l	92
5) Bromomethane	2.643	94	21368	15.615	ug/l	98
6) Chloroethane	2.790	64	30163	19.114	ug/l	93
7) Trichlorofluoromethane	3.113	101	80771	19.683	ug/l	99
8) Diethyl Ether	3.527	74	31182	20.332	ug/l	83
9) 1,1,2-Trichlorotrifluo...	3.893	101	47013	20.149	ug/l	93
10) Methyl Iodide	4.082	142	48999	18.262	ug/l	95
11) Tert butyl alcohol	4.923	59	150182	100.467	ug/l #	92
12) 1,1-Dichloroethene	3.863	96	43712	19.886	ug/l	91
13) Acrolein	3.735	56	54428	111.720	ug/l	99
14) Allyl chloride	4.472	41	72361	20.372	ug/l	90
15) Acrylonitrile	5.173	53	148532	109.938	ug/l	98
16) Acetone	3.966	43	161306	107.038	ug/l	90
17) Carbon Disulfide	4.186	76	129608	19.291	ug/l	99
18) Methyl Acetate	4.485	43	116401	22.395	ug/l	92
19) Methyl tert-butyl Ether	5.228	73	145698	19.773	ug/l	97
20) Methylene Chloride	4.710	84	61447	18.895	ug/l	88
21) trans-1,2-Dichloroethene	5.216	96	50677	19.724	ug/l	95
22) Diisopropyl ether	6.118	45	149218	20.231	ug/l	98
23) Vinyl Acetate	6.064	43	491686	101.330	ug/l #	94
24) 1,1-Dichloroethane	6.015	63	87293	19.891	ug/l	96
25) 2-Butanone	6.996	43	237390	105.281	ug/l	93
26) 2,2-Dichloropropane	6.984	77	67444	18.508	ug/l	97
27) cis-1,2-Dichloroethene	6.984	96	57895	20.040	ug/l	91
28) Bromochloromethane	7.338	49	40981	20.926	ug/l	92
29) Tetrahydrofuran	7.356	42	170540	114.080	ug/l	92
30) Chloroform	7.508	83	90734	19.920	ug/l	97
31) Cyclohexane	7.783	56	80035	19.491	ug/l	89
32) 1,1,1-Trichloroethane	7.697	97	79866	19.715	ug/l	98
36) 1,1-Dichloropropene	7.917	75	68903	19.763	ug/l	99
37) Ethyl Acetate	7.082	43	96483	17.637	ug/l	99
38) Carbon Tetrachloride	7.899	117	73948	20.139	ug/l	96
39) Methylcyclohexane	9.185	83	88802	19.852	ug/l	94
40) Benzene	8.161	78	202398	20.064	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.332	41	44034m	24.870	ug/l	
42) 1,2-Dichloroethane	8.240	62	66259	20.470	ug/l	95
43) Isopropyl Acetate	8.277	43	116192	20.141	ug/l #	96
44) Trichloroethene	8.941	130	62555	20.122	ug/l	94
45) 1,2-Dichloropropane	9.215	63	51916	20.168	ug/l	96
46) Dibromomethane	9.307	93	36435	20.137	ug/l	97
47) Bromodichloromethane	9.496	83	71705	19.625	ug/l	98
48) Methyl methacrylate	9.295	41	53621	21.005	ug/l	86
49) 1,4-Dioxane	9.319	88	22059	428.786	ug/l #	100
51) 4-Methyl-2-Pentanone	10.075	43	442573	103.910	ug/l	91
52) Toluene	10.246	92	131526	20.392	ug/l	94
53) t-1,3-Dichloropropene	10.465	75	79960	19.518	ug/l	98
54) cis-1,3-Dichloropropene	9.929	75	86681	19.683	ug/l #	89
55) 1,1,2-Trichloroethane	10.648	97	50694	19.679	ug/l	99
56) Ethyl methacrylate	10.514	69	82968	20.573	ug/l #	85
57) 1,3-Dichloropropane	10.794	76	88867	20.335	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.782	63	211191	119.339	ug/l	94
59) 2-Hexanone	10.831	43	411235	113.111	ug/l	87
60) Dibromochloromethane	10.983	129	59972	20.472	ug/l	100
61) 1,2-Dibromoethane	11.087	107	57221	20.528	ug/l	99
64) Tetrachloroethene	10.721	164	60339	20.236	ug/l	97
65) Chlorobenzene	11.520	112	143098	19.967	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	52975	19.968	ug/l	98
67) Ethyl Benzene	11.593	91	249758	19.931	ug/l	99
68) m/p-Xylenes	11.703	106	195357	40.396	ug/l	95
69) o-Xylene	12.032	106	93872	20.303	ug/l	96
70) Styrene	12.044	104	160070	20.343	ug/l	96
71) Bromoform	12.209	173	45670	20.215	ug/l #	98
73) Isopropylbenzene	12.331	105	245820	20.152	ug/l	99
74) N-amyl acetate	12.148	43	102960	20.893	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.581	83	77269	20.623	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	74929m	23.682	ug/l	
77) Bromobenzene	12.611	156	60680	19.815	ug/l	89
78) n-propylbenzene	12.672	91	297555	20.060	ug/l	99
79) 2-Chlorotoluene	12.757	91	168025	20.027	ug/l	100
80) 1,3,5-Trimethylbenzene	12.812	105	203621	20.092	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.379	75	29239	20.425	ug/l	93
82) 4-Chlorotoluene	12.855	91	172826	20.043	ug/l	100
83) tert-Butylbenzene	13.074	119	180328	20.250	ug/l	97
84) 1,2,4-Trimethylbenzene	13.123	105	204263	20.079	ug/l	98
85) sec-Butylbenzene	13.257	105	267798	20.263	ug/l	100
86) p-Isopropyltoluene	13.373	119	221551	20.061	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	117662	20.008	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	118847	20.013	ug/l	99
89) n-Butylbenzene	13.696	91	207907	20.019	ug/l	97
90) Hexachloroethane	13.965	117	41120	19.426	ug/l	89
91) 1,2-Dichlorobenzene	13.739	146	109938	19.925	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	22782	21.255	ug/l	88
93) 1,2,4-Trichlorobenzene	15.007	180	71627	19.750	ug/l	98
94) Hexachlorobutadiene	15.111	225	36904	20.041	ug/l	96
95) Naphthalene	15.239	128	236638	20.113	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	68820	19.794	ug/l	99

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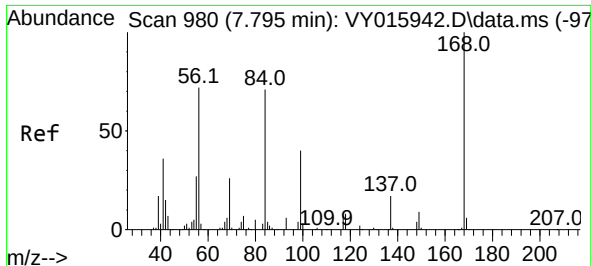
Manual Integrations
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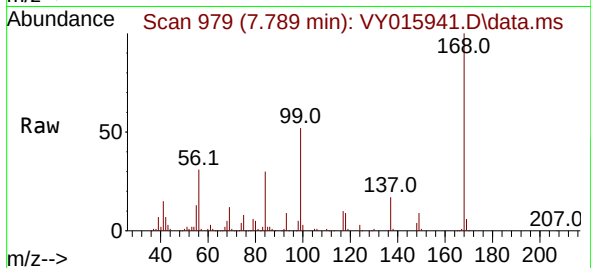
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
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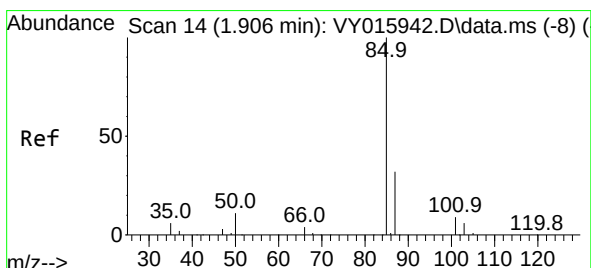
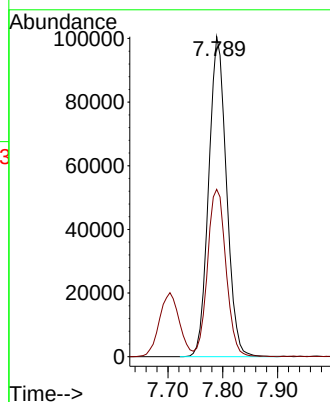
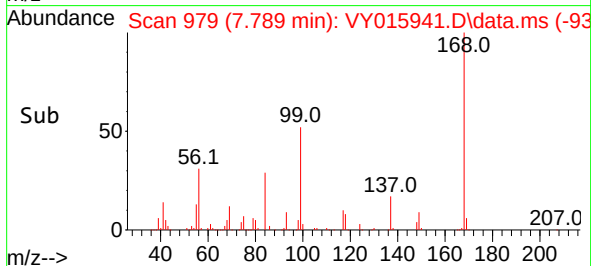
Instrument :
MSVOA_Y
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VSTDICC020



Tgt Ion:168 Resp: 22602
Ion Ratio Lower Upper
168 100
99 52.2 43.4 65.0

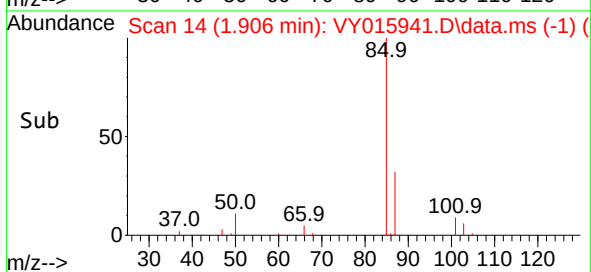
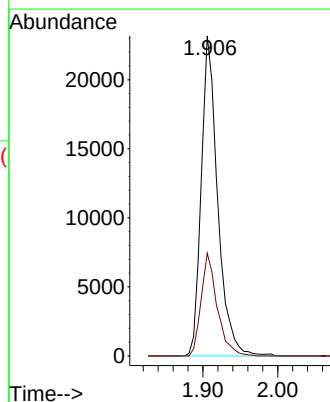
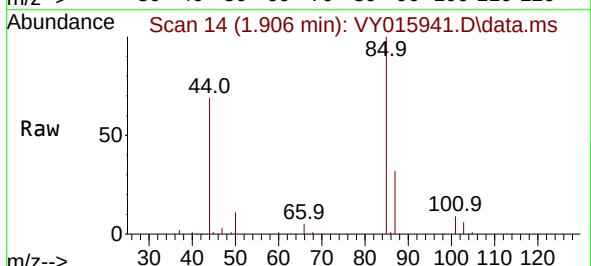
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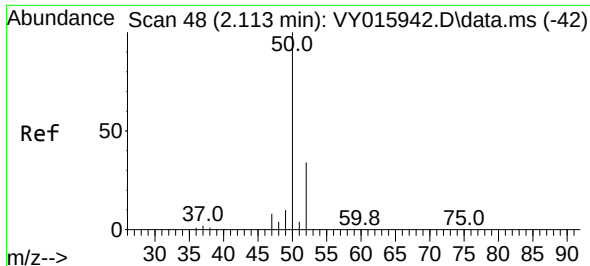
Reviewed By :Mahesh Dadoda 10/13/2023
Supervised By :Semsettin Yesilyurt 10/13/2023



#2
Dichlorodifluoromethane
Concen: 18.680 ug/l
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY015941.D
Acq: 12 Oct 2023 18:19

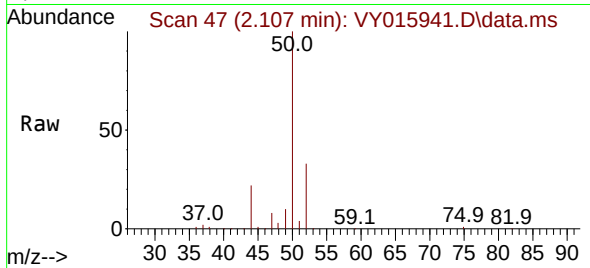
Tgt Ion: 85 Resp: 35328
Ion Ratio Lower Upper
85 100
87 32.1 15.6 46.8





#3
Chloromethane
Concen: 20.755 ug/l
RT: 2.107 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY015941.D
Acq: 12 Oct 2023 18:19

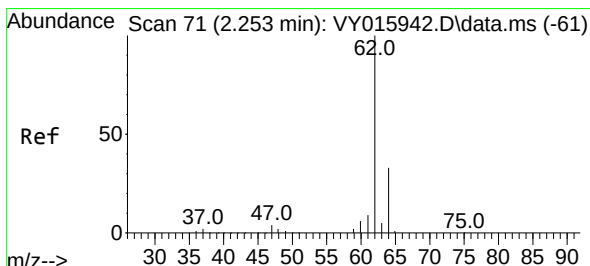
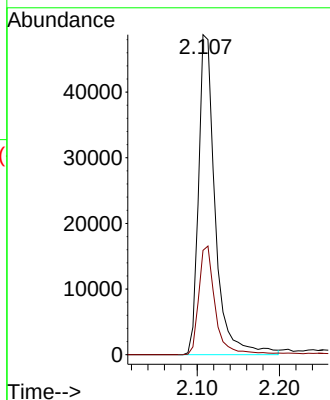
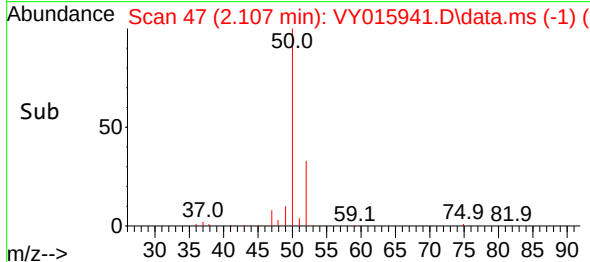
Instrument :
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Tgt Ion: 50 Resp: 6863
Ion Ratio Lower Upper
50 100
52 32.6 25.4 38.2

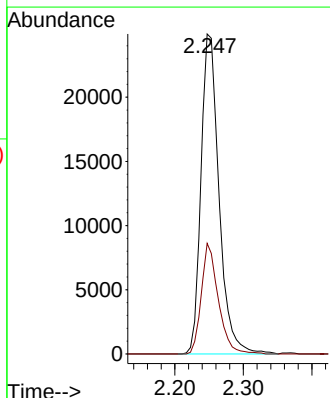
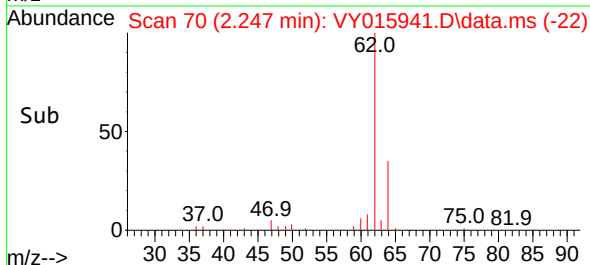
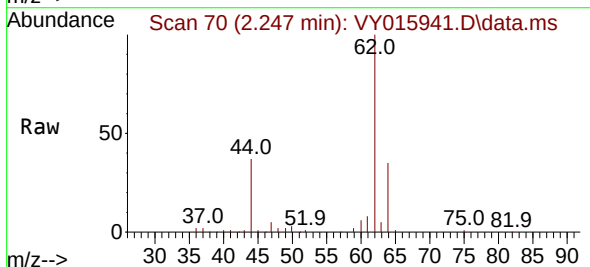
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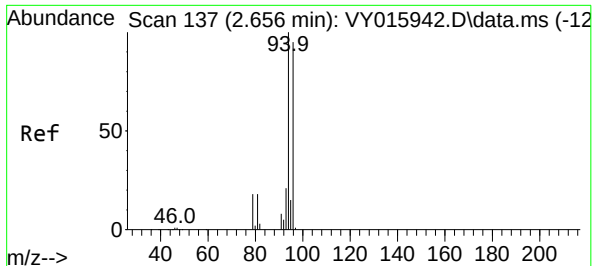
Reviewed By :Mahesh Dadoda 10/13/2023
Supervised By :Semsettin Yesilyurt 10/13/2023



#4
Vinyl Chloride
Concen: 18.873 ug/l
RT: 2.247 min Scan# 70
Delta R.T. -0.006 min
Lab File: VY015941.D
Acq: 12 Oct 2023 18:19

Tgt Ion: 62 Resp: 45659
Ion Ratio Lower Upper
62 100
64 34.6 24.3 36.5





#5

Bromomethane

Concen: 15.615 ug/l

RT: 2.643 min Scan# 11

Delta R.T. -0.012 min

Lab File: VY015941.D

Acq: 12 Oct 2023 18:19

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

Tgt Ion: 94 Resp: 2136

Ion Ratio Lower Upper

94 100

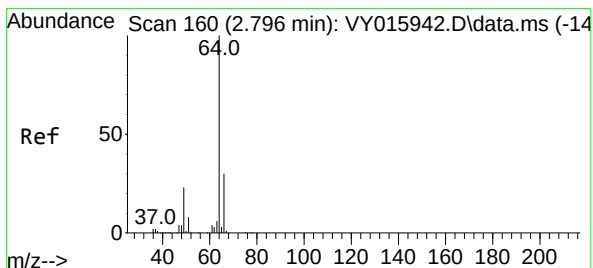
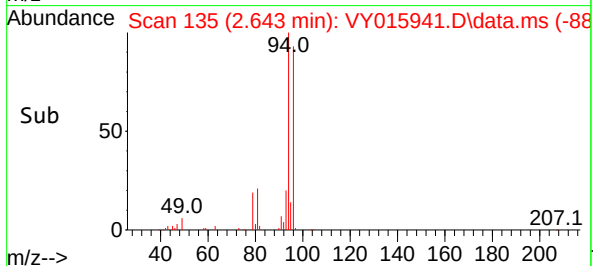
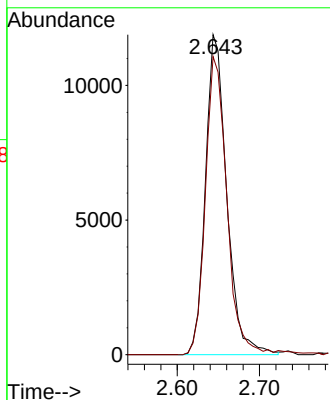
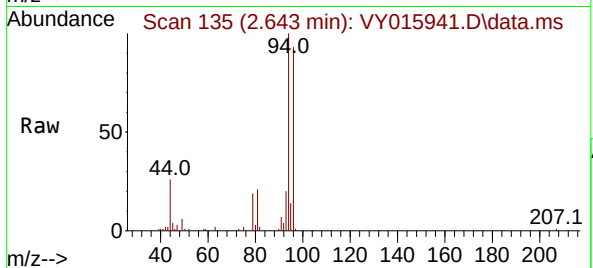
96 93.1 75.8 113.6

Manual Integrations

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#6

Chloroethane

Concen: 19.114 ug/l

RT: 2.790 min Scan# 159

Delta R.T. -0.006 min

Lab File: VY015941.D

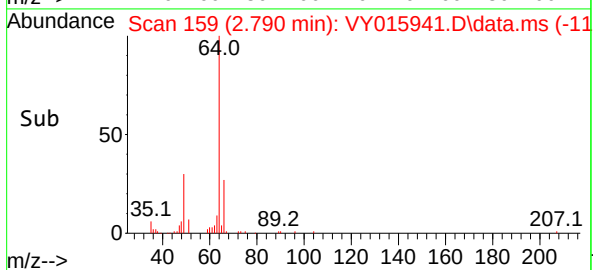
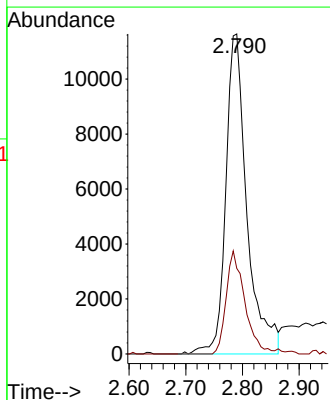
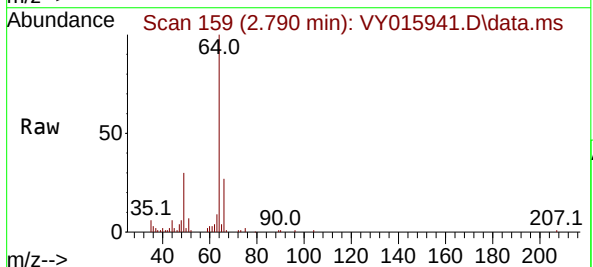
Acq: 12 Oct 2023 18:19

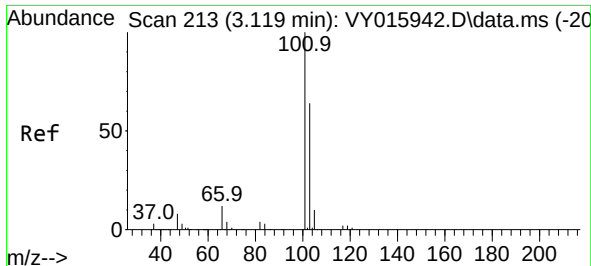
Tgt Ion: 64 Resp: 30163

Ion Ratio Lower Upper

64 100

66 26.7 24.4 36.6





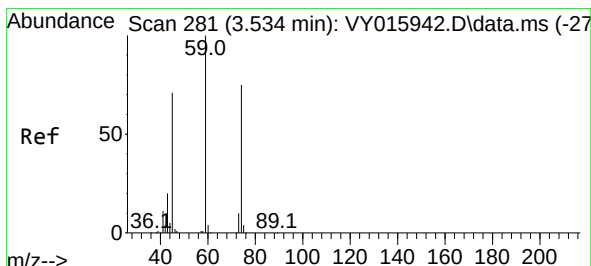
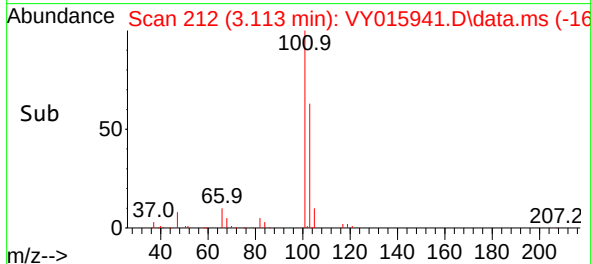
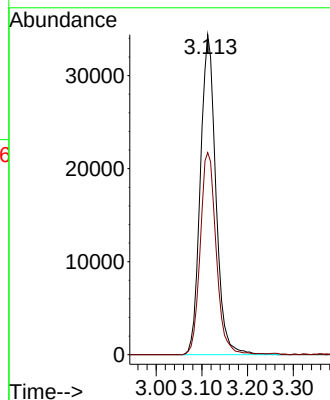
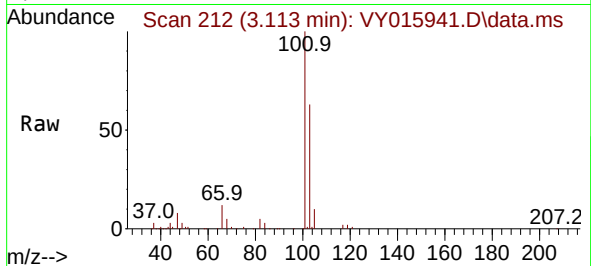
#7
 Trichlorofluoromethane
 Concen: 19.683 ug/l
 RT: 3.113 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VY015941.D
 Acq: 12 Oct 2023 18:19

Instrument :
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 VSTDIC020

Tgt Ion:101 Resp: 8077
 Ion Ratio Lower Upper
 101 100
 103 63.2 51.4 77.0

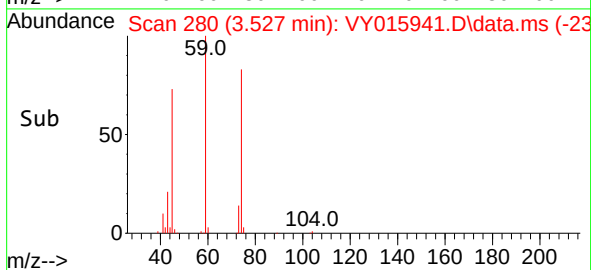
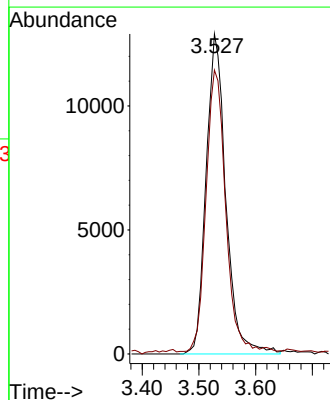
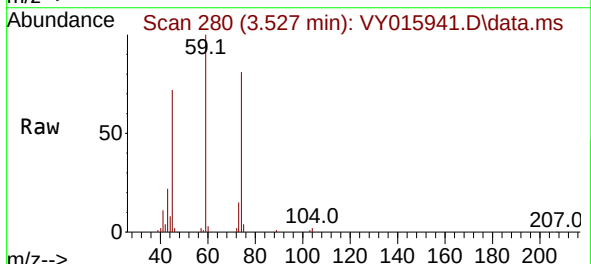
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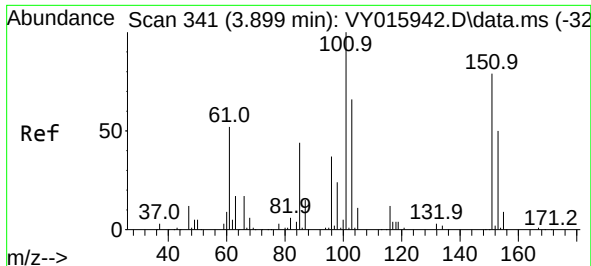
Reviewed By :Mahesh Dadoda 10/13/2023
 Supervised By :Semsettin Yesilyurt 10/13/2023



#8
 Diethyl Ether
 Concen: 20.332 ug/l
 RT: 3.527 min Scan# 280
 Delta R.T. -0.006 min
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Tgt Ion: 74 Resp: 31182
 Ion Ratio Lower Upper
 74 100
 45 86.2 51.5 154.5





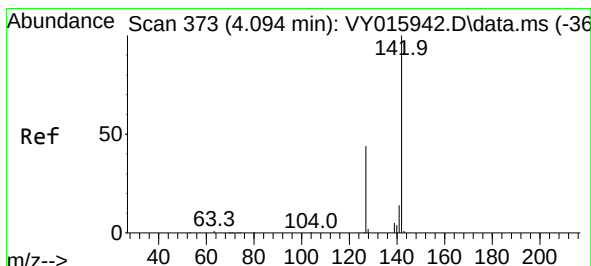
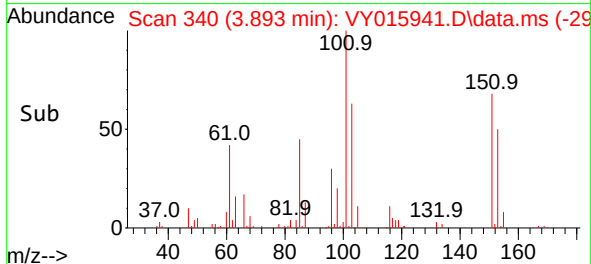
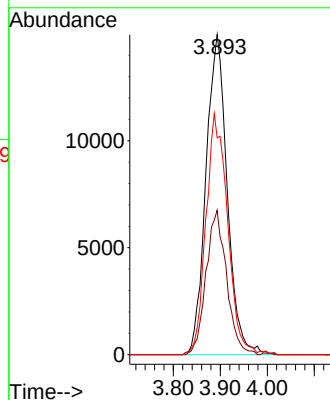
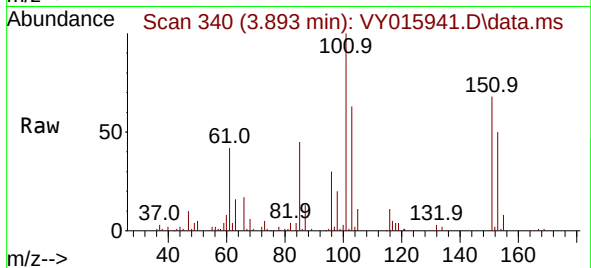
#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.149 ug/l
RT: 3.893 min Scan# 341
Delta R.T. -0.006 min
Lab File: VY015941.D
Acq: 12 Oct 2023 18:19

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion:101 Resp: 47011
Ion Ratio Lower Upper
101 100
85 43.5 36.6 55.0
151 76.3 67.0 100.6

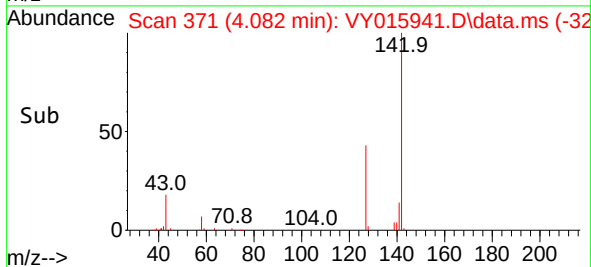
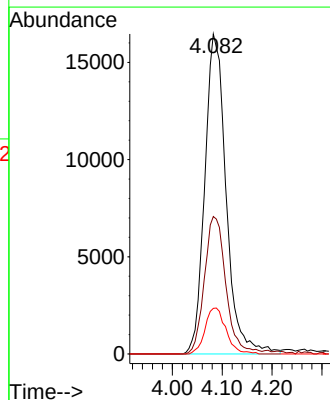
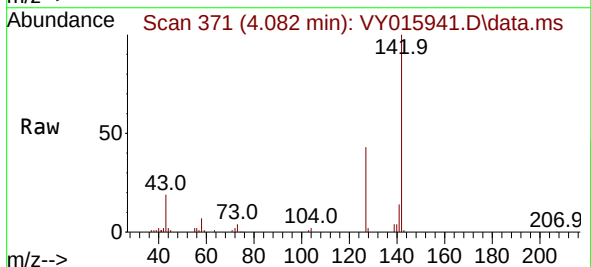
Manual Integrations
APPROVED

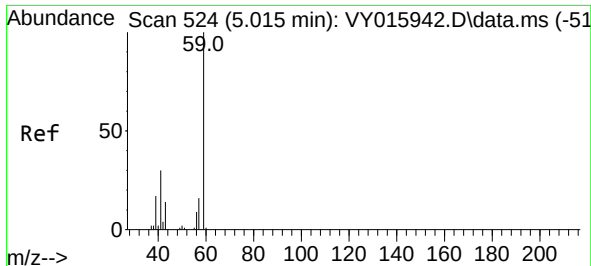
Reviewed By :Mahesh Dadoda 10/13/2023
Supervised By :Semsettin Yesilyurt 10/13/2023



#10
Methyl Iodide
Concen: 18.262 ug/l
RT: 4.082 min Scan# 371
Delta R.T. -0.012 min
Lab File: VY015941.D
Acq: 12 Oct 2023 18:19

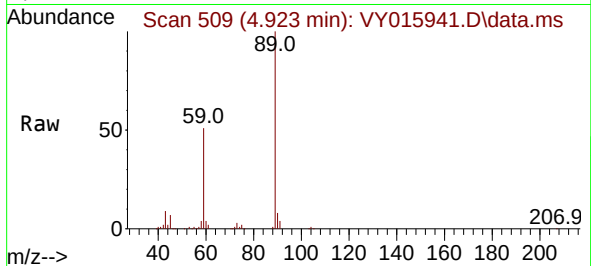
Tgt Ion:142 Resp: 48999
Ion Ratio Lower Upper
142 100
127 43.1 37.6 56.4
141 14.1 11.8 17.8





#11
Tert butyl alcohol
Concen: 100.467 ug/l
RT: 4.923 min Scan# 509
Delta R.T. -0.092 min
Lab File: VY015941.D
Acq: 12 Oct 2023 18:19

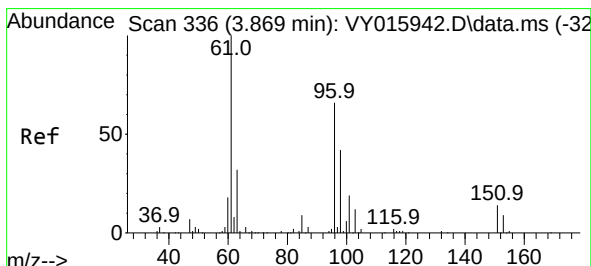
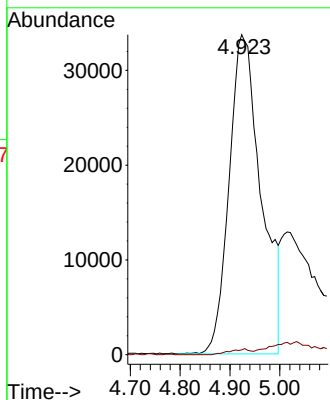
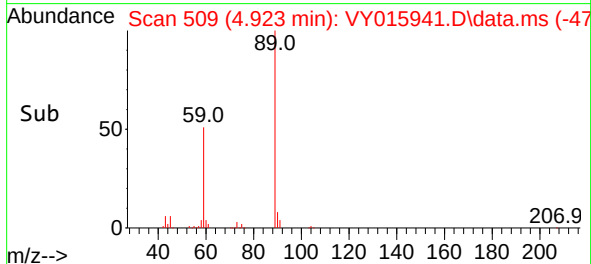
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020



Tgt Ion: 59 Resp: 150182
Ion Ratio Lower Upper
59 100
57 1.2 3.0 4.4

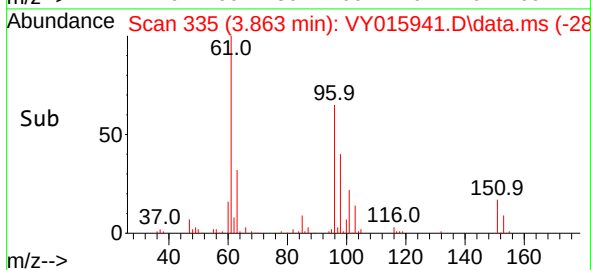
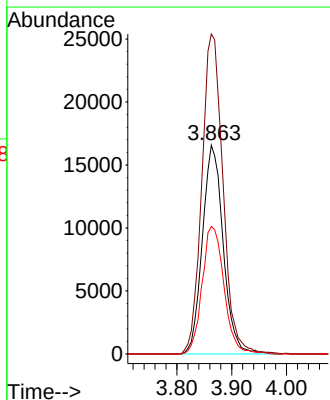
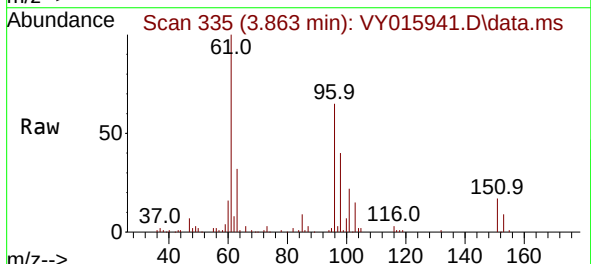
Manual Integrations
APPROVED

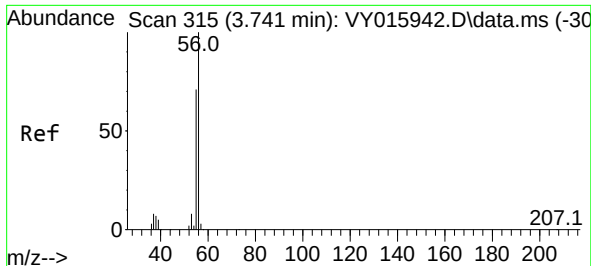
Reviewed By :Mahesh Dadoda 10/13/2023
Supervised By :Semsettin Yesilyurt 10/13/2023



#12
1,1-Dichloroethene
Concen: 19.886 ug/l
RT: 3.863 min Scan# 335
Delta R.T. -0.006 min
Lab File: VY015941.D
Acq: 12 Oct 2023 18:19

Tgt Ion: 96 Resp: 43712
Ion Ratio Lower Upper
96 100
61 153.3 136.4 204.6
98 61.1 49.4 74.2





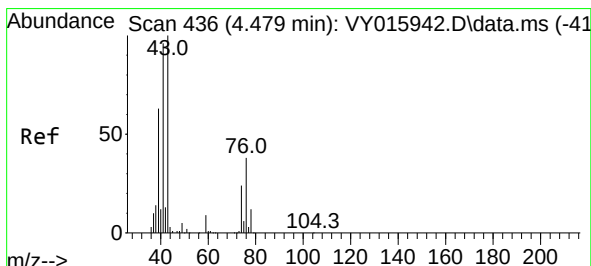
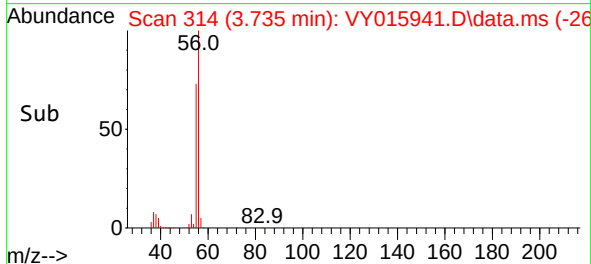
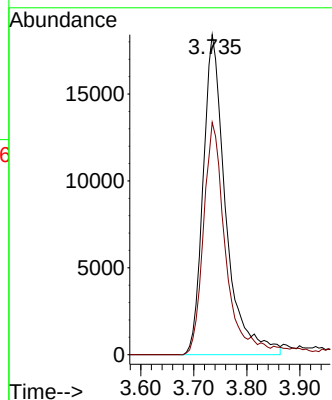
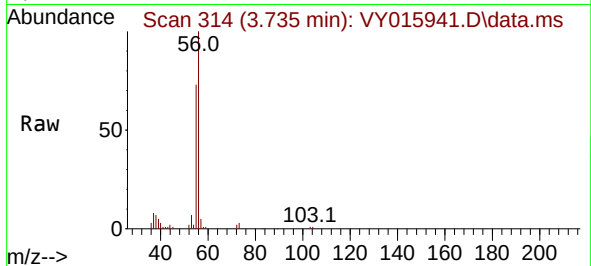
#13
Acrolein
Concen: 111.720 ug/l
RT: 3.735 min Scan# 315
Delta R.T. -0.006 min
Lab File: VY015941.D
Acq: 12 Oct 2023 18:19

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion: 56 Resp: 54428
Ion Ratio Lower Upper
56 100
55 70.2 57.0 85.4

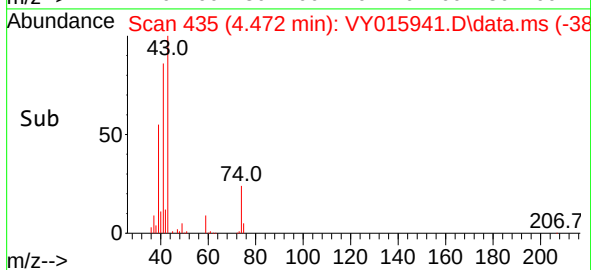
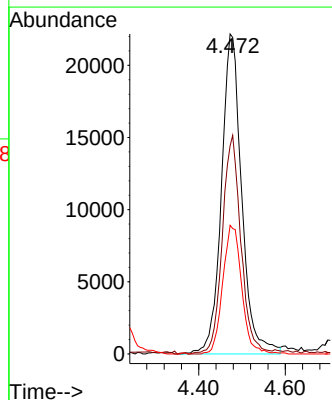
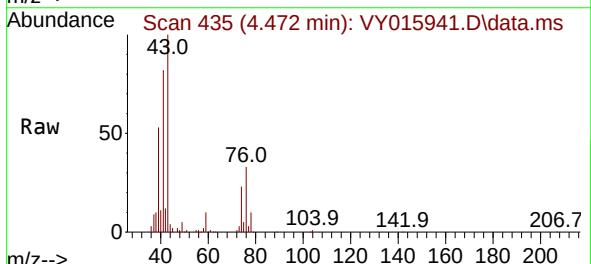
Manual Integrations
APPROVED

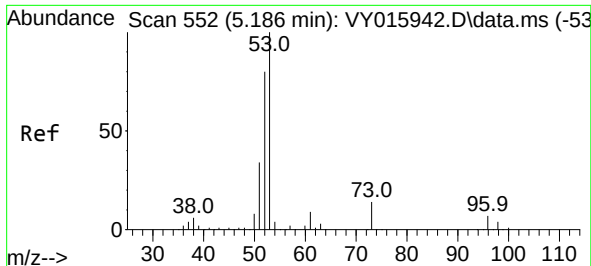
Reviewed By :Mahesh Dadoda 10/13/2023
Supervised By :Semsettin Yesilyurt 10/13/2023



#14
Allyl chloride
Concen: 20.372 ug/l
RT: 4.472 min Scan# 435
Delta R.T. -0.006 min
Lab File: VY015941.D
Acq: 12 Oct 2023 18:19

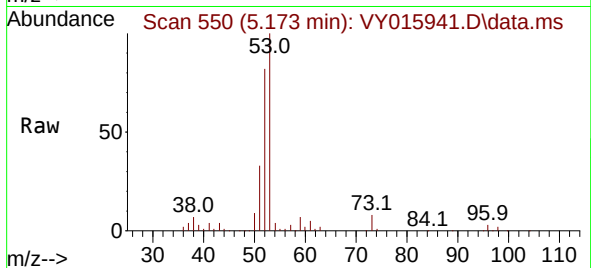
Tgt Ion: 41 Resp: 72361
Ion Ratio Lower Upper
41 100
39 62.8 58.0 87.0
76 37.6 27.4 41.2





#15
Acrylonitrile
Concen: 109.938 ug/l
RT: 5.173 min Scan# 51
Delta R.T. -0.012 min
Lab File: VY015941.D
Acq: 12 Oct 2023 18:19

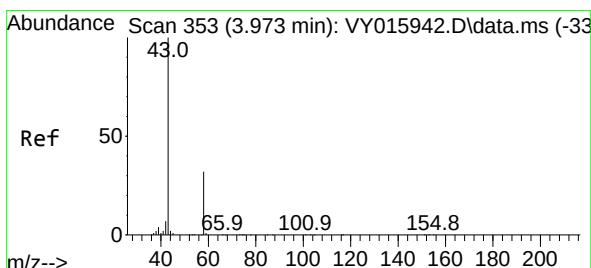
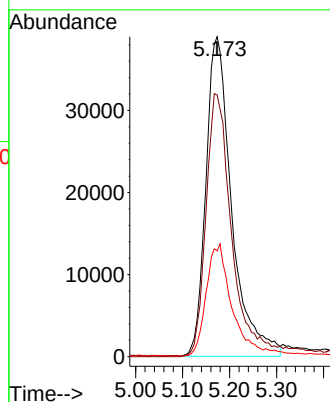
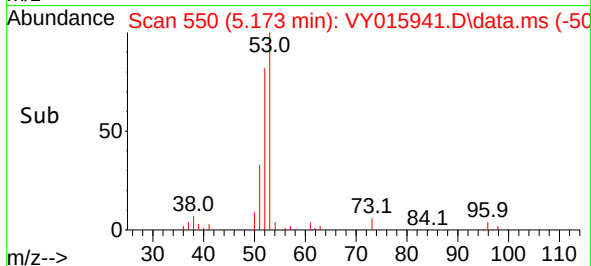
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020



Tgt Ion: 53 Resp: 14853
Ion Ratio Lower Upper
53 100
52 85.1 66.9 100.3
51 35.8 29.8 44.6

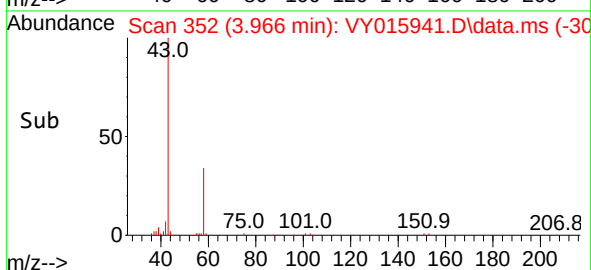
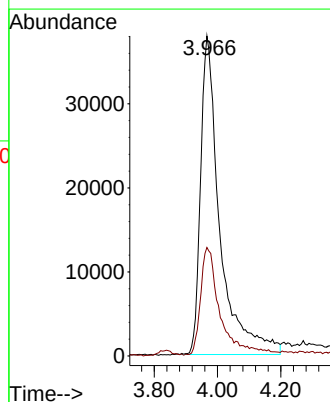
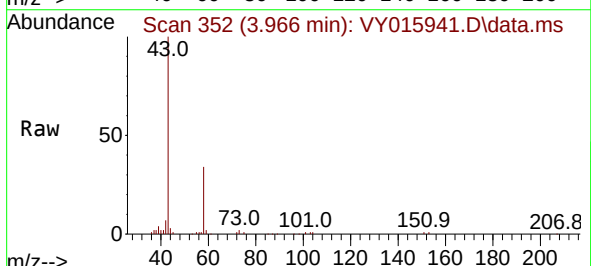
Manual Integrations
APPROVED

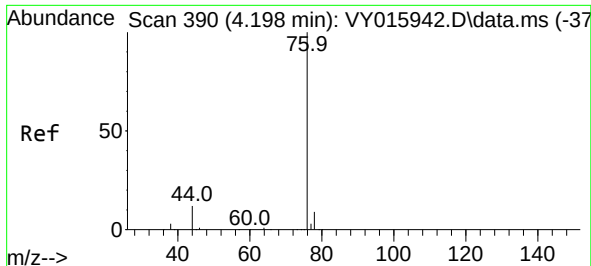
Reviewed By :Mahesh Dadoda 10/13/2023
Supervised By :Semsettin Yesilyurt 10/13/2023



#16
Acetone
Concen: 107.038 ug/l
RT: 3.966 min Scan# 352
Delta R.T. -0.006 min
Lab File: VY015941.D
Acq: 12 Oct 2023 18:19

Tgt Ion: 43 Resp: 161306
Ion Ratio Lower Upper
43 100
58 33.7 22.7 34.1





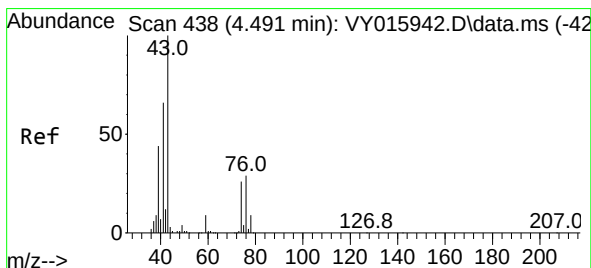
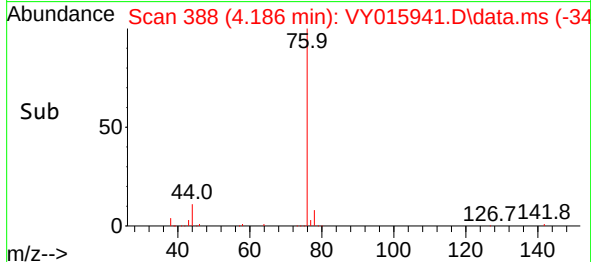
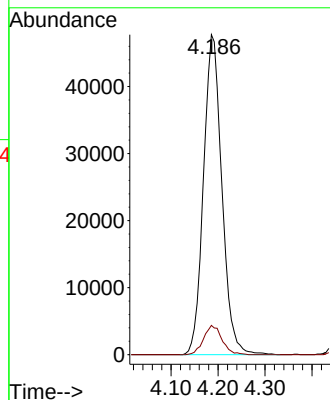
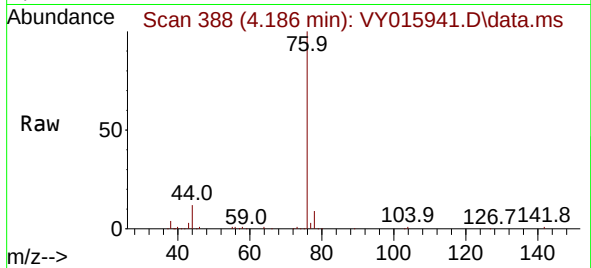
#17
Carbon Disulfide
Concen: 19.291 ug/l
RT: 4.186 min Scan# 388
Delta R.T. -0.012 min
Lab File: VY015941.D
Acq: 12 Oct 2023 18:19

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion: 76 Resp: 129608
Ion Ratio Lower Upper
76 100
78 9.1 7.0 10.4

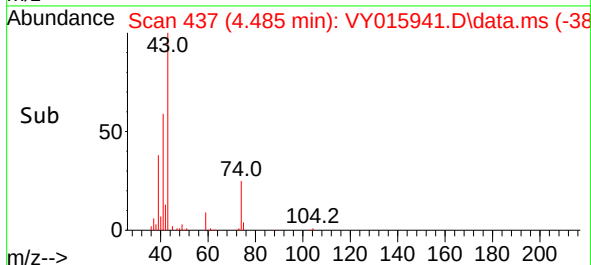
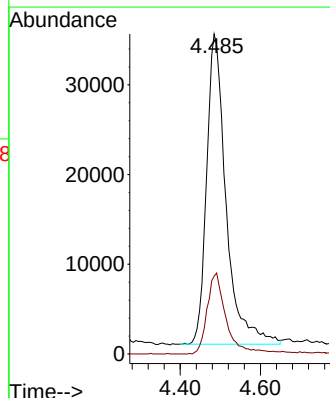
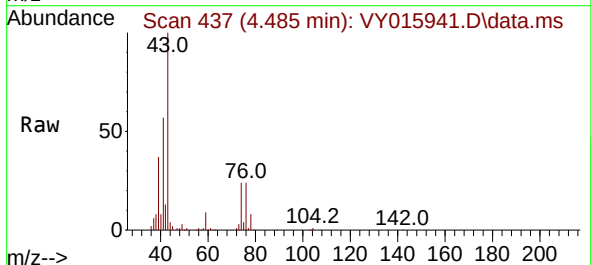
Manual Integrations
APPROVED

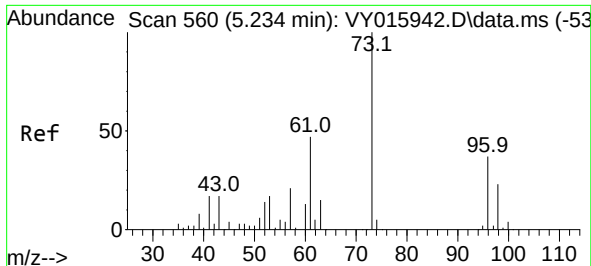
Reviewed By :Mahesh Dadoda 10/13/2023
Supervised By :Semsettin Yesilyurt 10/13/2023



#18
Methyl Acetate
Concen: 22.395 ug/l
RT: 4.485 min Scan# 437
Delta R.T. -0.006 min
Lab File: VY015941.D
Acq: 12 Oct 2023 18:19

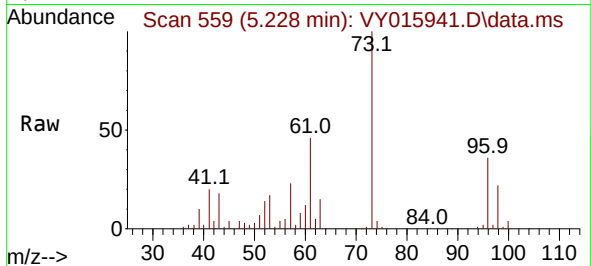
Tgt Ion: 43 Resp: 116401
Ion Ratio Lower Upper
43 100
74 25.3 17.4 26.0





#19
Methyl tert-butyl Ether
Concen: 19.773 ug/l
RT: 5.228 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY015941.D
Acq: 12 Oct 2023 18:19

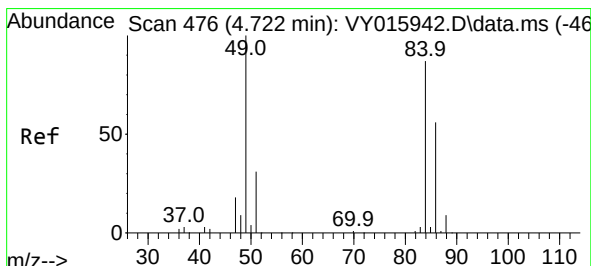
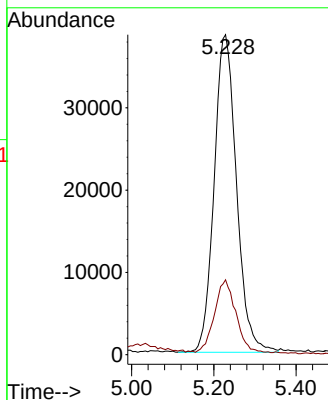
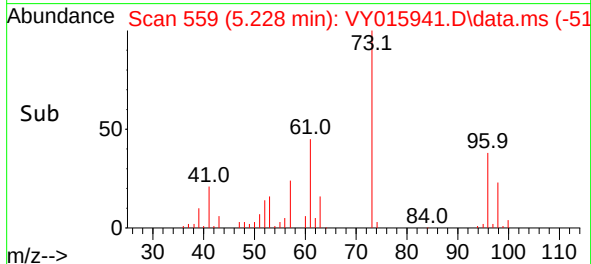
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020



Tgt Ion: 73 Resp: 145698
Ion Ratio Lower Upper
73 100
57 22.9 17.3 25.9

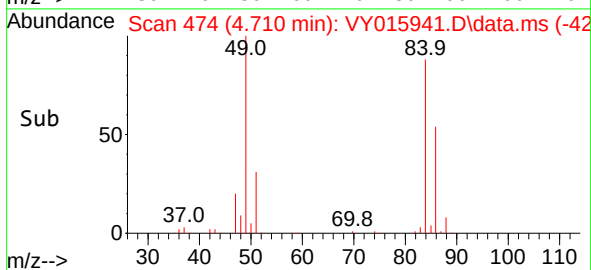
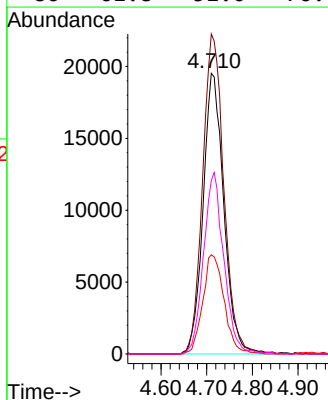
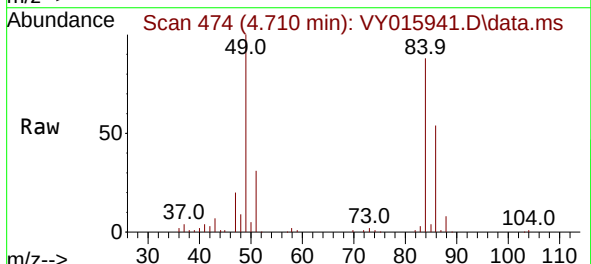
Manual Integrations
APPROVED

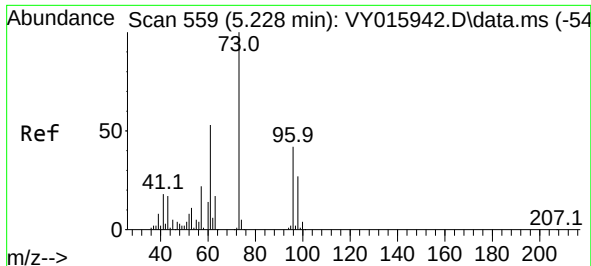
Reviewed By :Mahesh Dadoda 10/13/2023
Supervised By :Semsettin Yesilyurt 10/13/2023



#20
Methylene Chloride
Concen: 18.895 ug/l
RT: 4.710 min Scan# 474
Delta R.T. -0.012 min
Lab File: VY015941.D
Acq: 12 Oct 2023 18:19

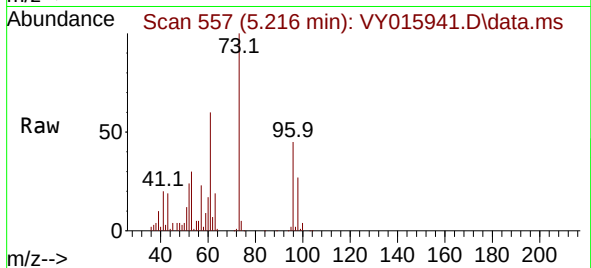
Tgt Ion: 84 Resp: 61447
Ion Ratio Lower Upper
84 100
49 114.0 106.9 160.3
51 35.3 33.2 49.8
86 61.8 51.0 76.6





#21
trans-1,2-Dichloroethene
Concen: 19.724 ug/l
RT: 5.216 min Scan# 51
Delta R.T. -0.012 min
Lab File: VY015941.D
Acq: 12 Oct 2023 18:19

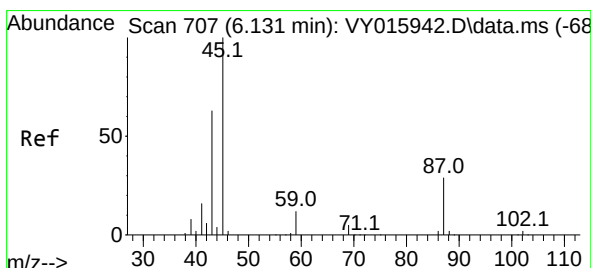
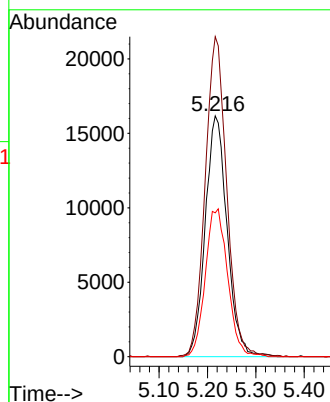
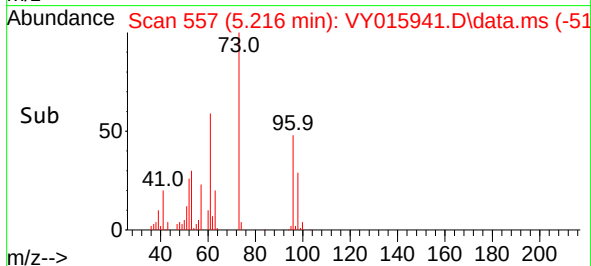
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020



Tgt Ion: 96 Resp: 5067
Ion Ratio Lower Upper
96 100
61 132.5 110.2 165.4
98 59.8 51.8 77.6

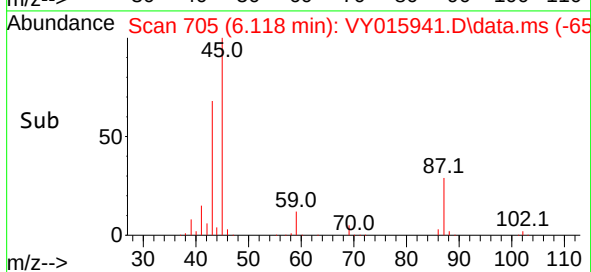
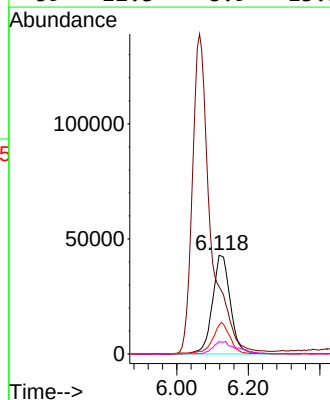
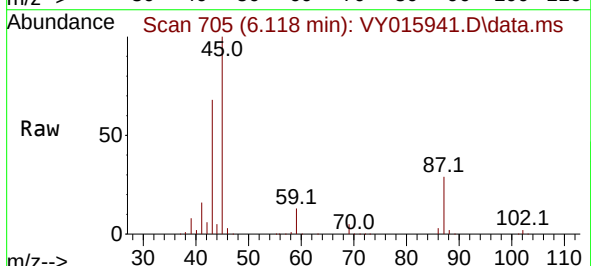
Manual Integrations
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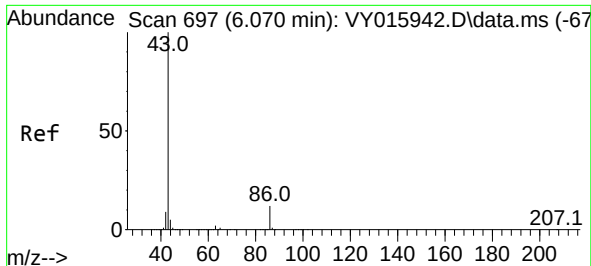
Reviewed By :Mahesh Dadoda 10/13/2023
Supervised By :Semsettin Yesilyurt 10/13/2023



#22
Diisopropyl ether
Concen: 20.231 ug/l
RT: 6.118 min Scan# 705
Delta R.T. -0.012 min
Lab File: VY015941.D
Acq: 12 Oct 2023 18:19

Tgt Ion: 45 Resp: 149218
Ion Ratio Lower Upper
45 100
43 65.9 52.2 78.4
87 28.8 21.0 31.6
59 12.3 8.9 13.3





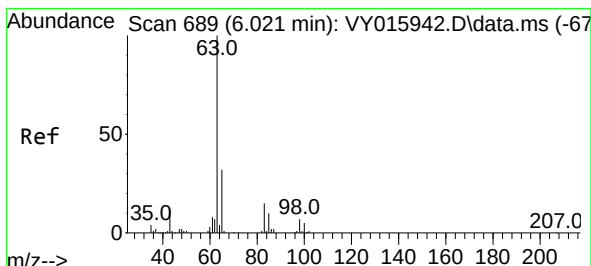
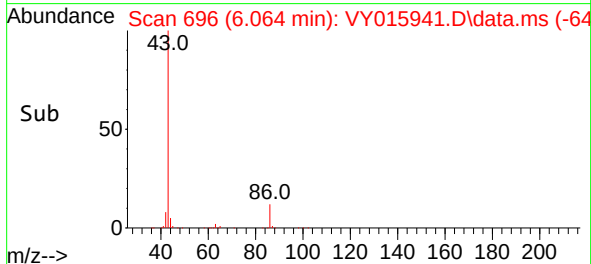
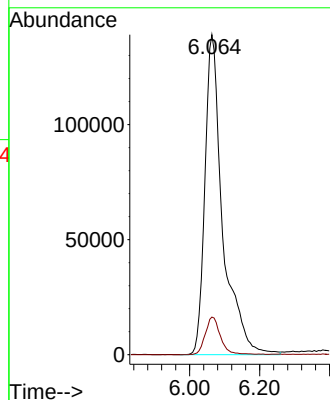
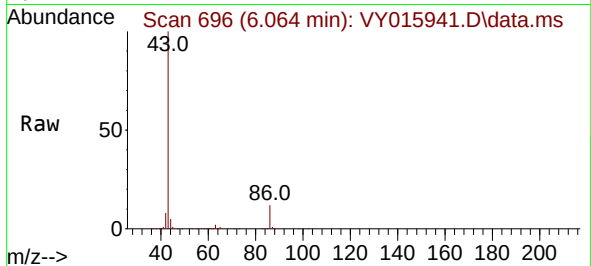
#23
 Vinyl Acetate
 Concen: 101.330 ug/l
 RT: 6.064 min Scan# 696
 Delta R.T. -0.006 min
 Lab File: VY015941.D
 Acq: 12 Oct 2023 18:19

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020

Tgt Ion: 43 Resp: 491680
 Ion Ratio Lower Upper
 43 100
 86 11.7 7.5 11.3

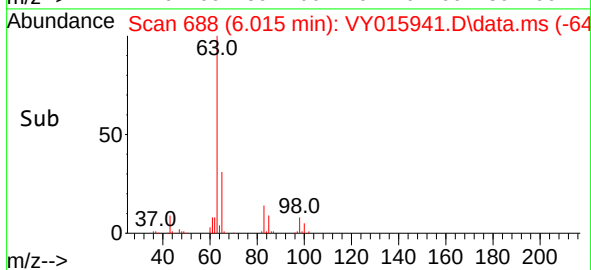
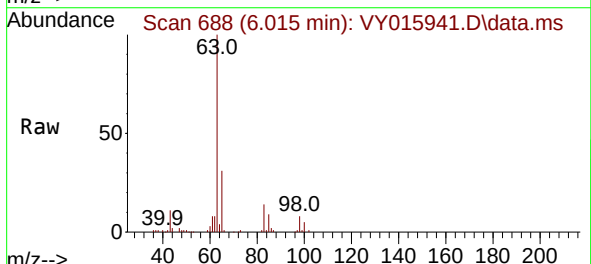
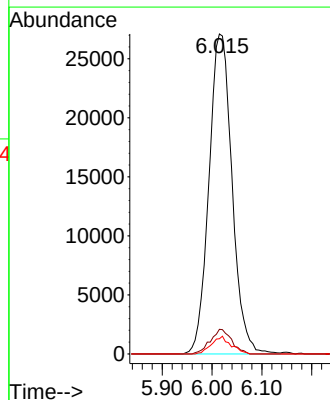
Manual Integrations
 APPROVED

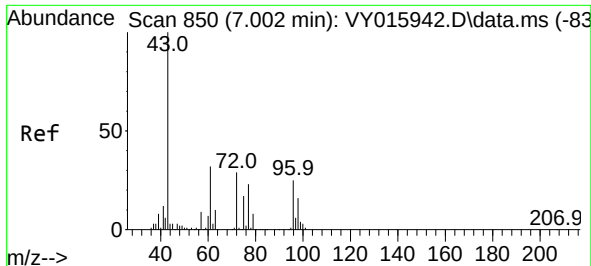
Reviewed By :Mahesh Dadoda 10/13/2023
 Supervised By :Semsettin Yesilyurt 10/13/2023



#24
 1,1-Dichloroethane
 Concen: 19.891 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. -0.006 min
 Lab File: VY015941.D
 Acq: 12 Oct 2023 18:19

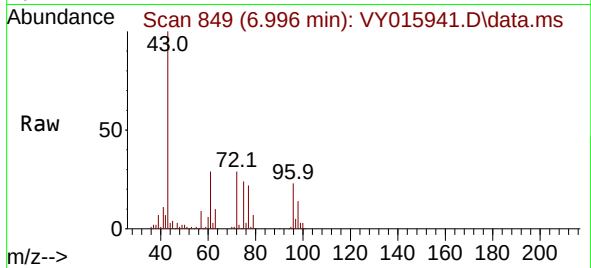
Tgt Ion: 63 Resp: 87293
 Ion Ratio Lower Upper
 63 100
 98 7.7 3.1 9.4
 100 4.7 1.8 5.5





#25
2-Butanone
Concen: 105.281 ug/l
RT: 6.996 min Scan# 849
Delta R.T. -0.006 min
Lab File: VY015941.D
Acq: 12 Oct 2023 18:19

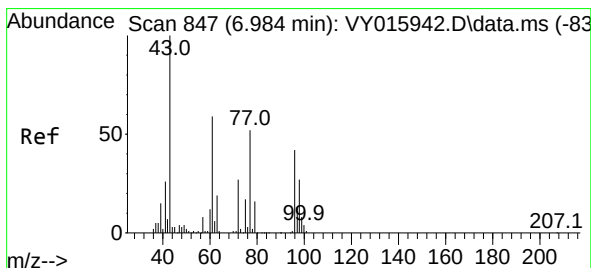
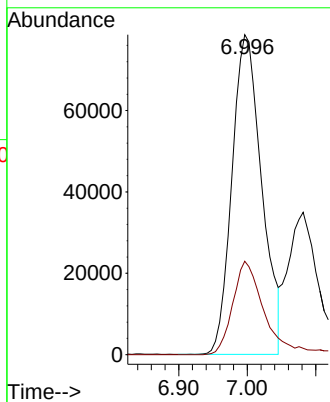
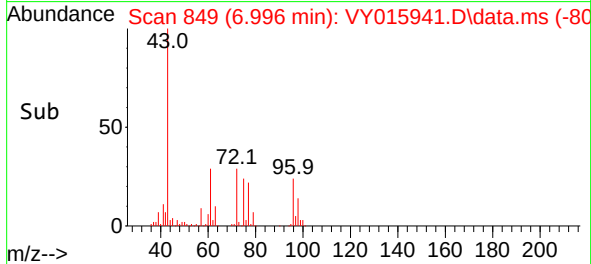
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020



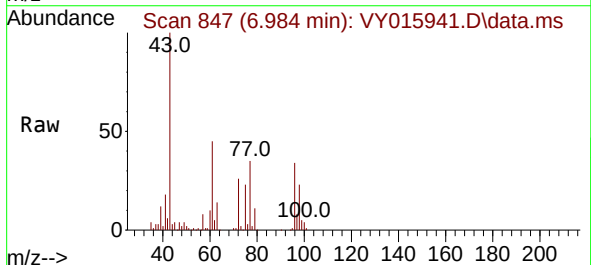
Tgt Ion: 43 Resp: 237390
Ion Ratio Lower Upper
43 100
72 29.2 20.5 30.7

Manual Integrations
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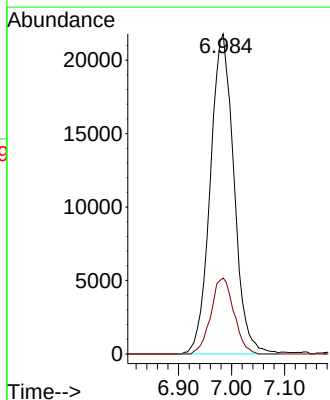
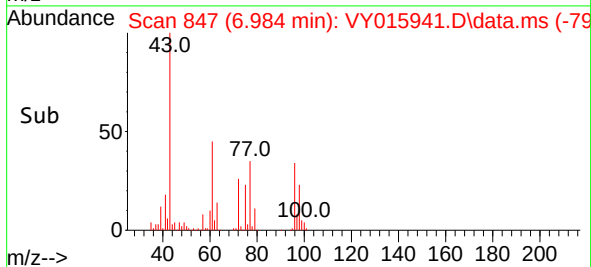
Reviewed By :Mahesh Dadoda 10/13/2023
Supervised By :Semsettin Yesilyurt 10/13/2023

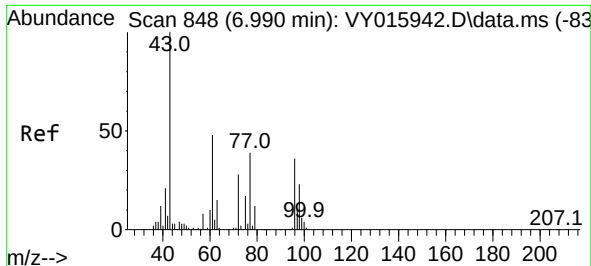


#26
2,2-Dichloropropane
Concen: 18.508 ug/l
RT: 6.984 min Scan# 847
Delta R.T. -0.000 min
Lab File: VY015941.D
Acq: 12 Oct 2023 18:19



Tgt Ion: 77 Resp: 67444
Ion Ratio Lower Upper
77 100
97 23.1 10.9 32.9





#27

cis-1,2-Dichloroethene

Concen: 20.040 ug/l

RT: 6.984 min Scan# 847

Delta R.T. -0.006 min

Lab File: VY015941.D

Acq: 12 Oct 2023 18:19

Instrument :

MSVOA_Y

ClientSampleId :

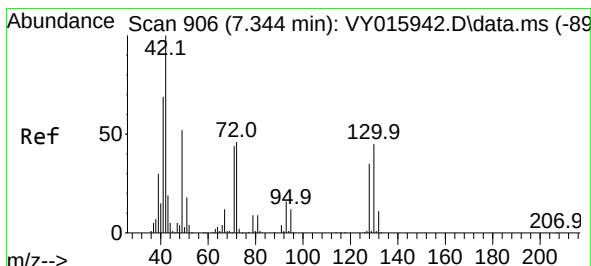
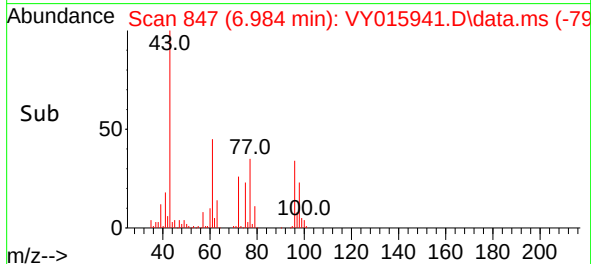
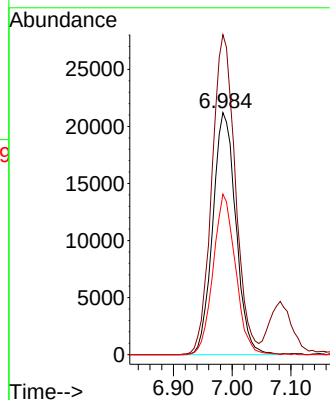
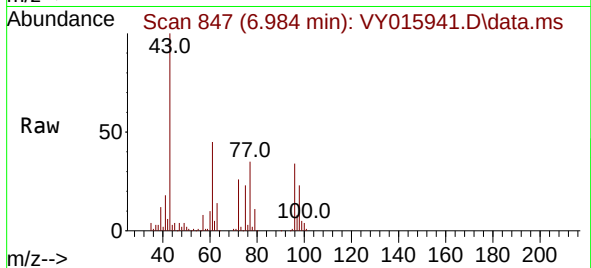
VSTDICC020

Tgt Ion:	96	Resp:	5789
Ion	Ratio	Lower	Upper
96	100		
61	134.6	0.0	301.4
98	64.2	0.0	130.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/13/2023
Supervised By :Semsettin Yesilyurt 10/13/2023



#28

Bromochloromethane

Concen: 20.926 ug/l

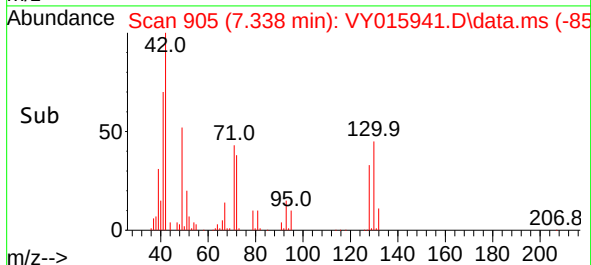
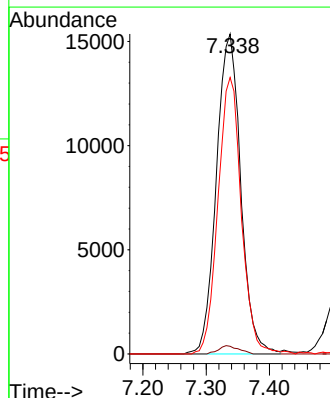
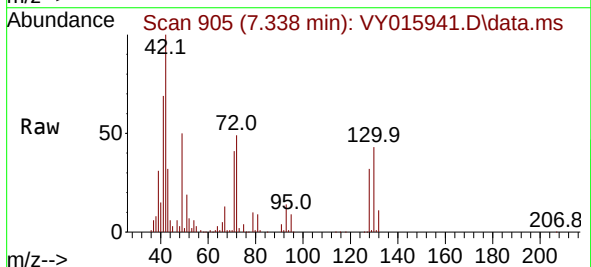
RT: 7.338 min Scan# 905

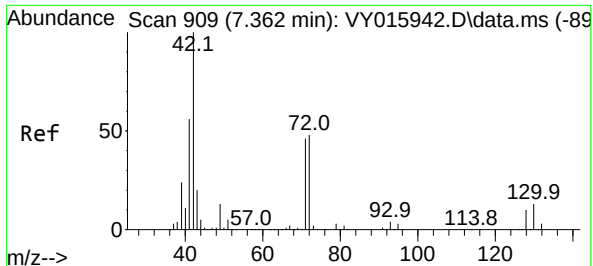
Delta R.T. -0.006 min

Lab File: VY015941.D

Acq: 12 Oct 2023 18:19

Tgt Ion:	49	Resp:	40981
Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	4.6
130	83.0	60.7	91.1





#29

Tetrahydrofuran

Concen: 114.080 ug/l

RT: 7.356 min Scan# 909

Delta R.T. -0.006 min

Lab File: VY015941.D

Acq: 12 Oct 2023 18:19

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

Tgt Ion: 42 Resp: 170540

Ion Ratio Lower Upper

42 100

72 45.1 32.8 49.2

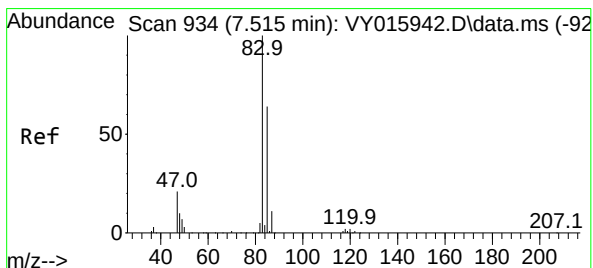
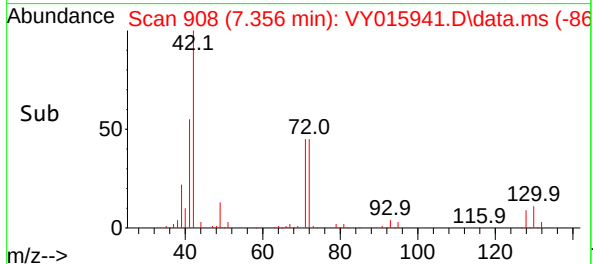
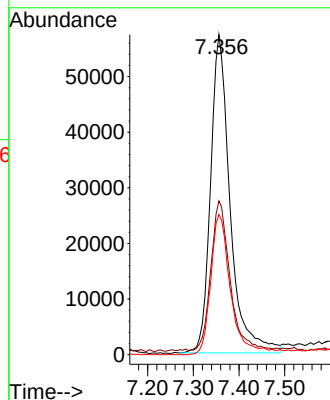
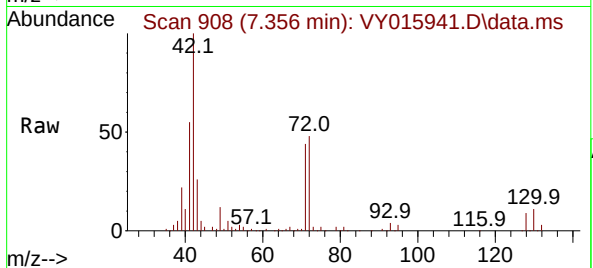
71 44.8 31.0 46.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/13/2023

Supervised By :Semsettin Yesilyurt 10/13/2023



#30

Chloroform

Concen: 19.920 ug/l

RT: 7.508 min Scan# 933

Delta R.T. -0.006 min

Lab File: VY015941.D

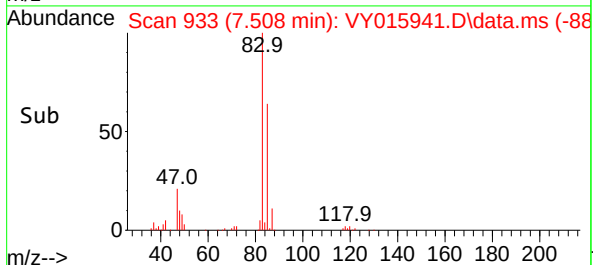
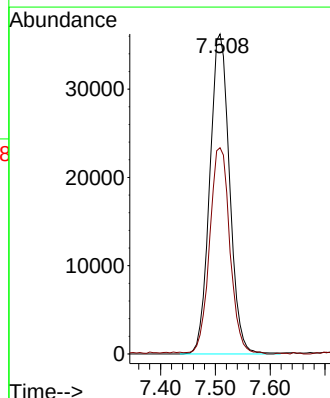
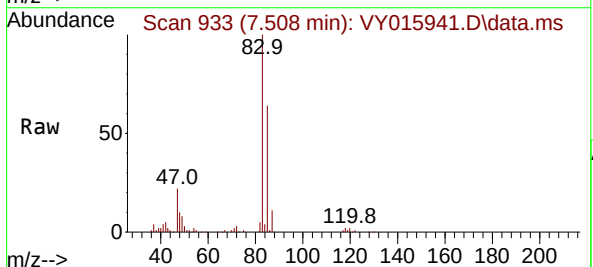
Acq: 12 Oct 2023 18:19

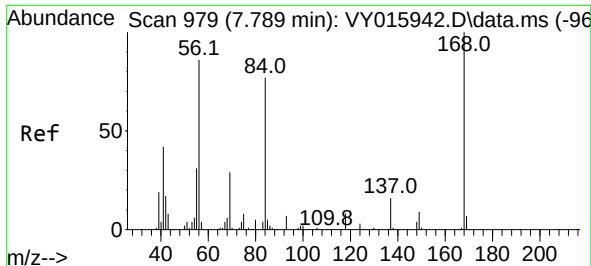
Tgt Ion: 83 Resp: 90734

Ion Ratio Lower Upper

83 100

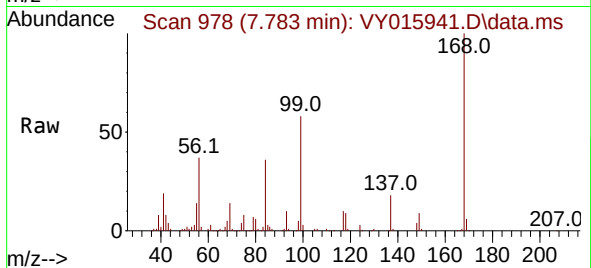
85 64.2 49.7 74.5





#31
Cyclohexane
Concen: 19.491 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY015941.D
Acq: 12 Oct 2023 18:19

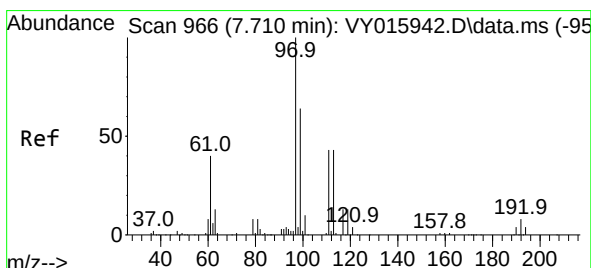
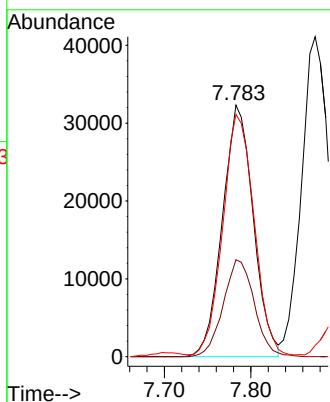
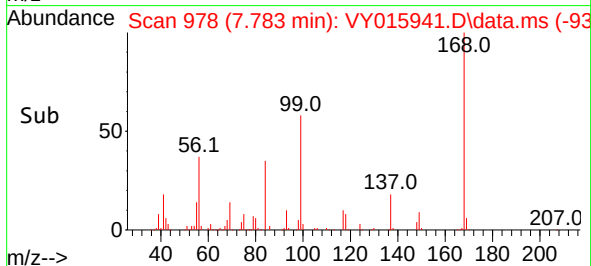
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020



Tgt Ion: 56 Resp: 8003
Ion Ratio Lower Upper
56 100
69 38.5 27.8 41.6
84 95.1 66.4 99.6

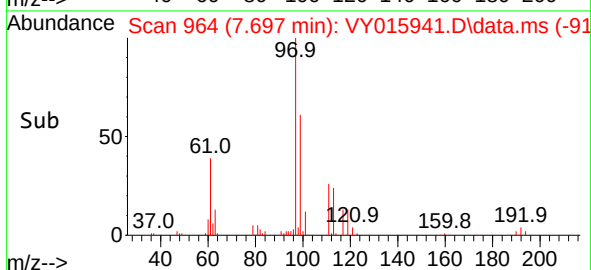
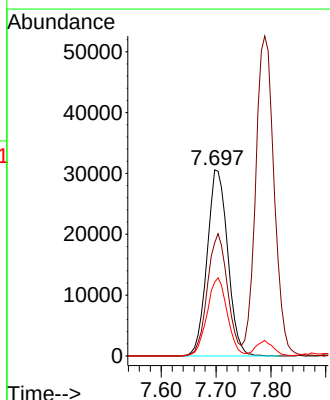
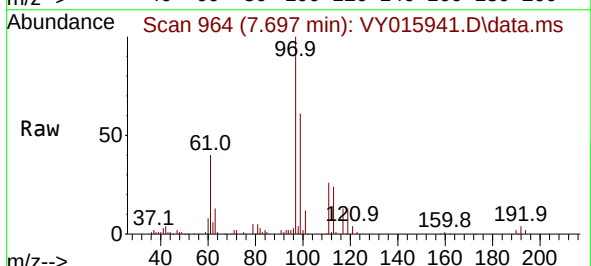
Manual Integrations
APPROVED

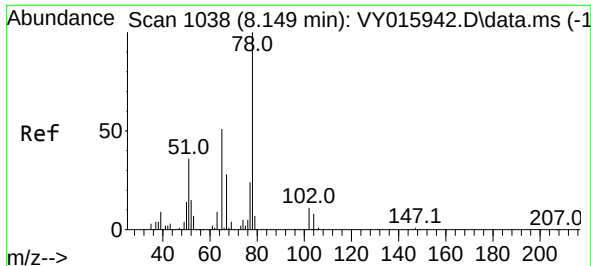
Reviewed By :Mahesh Dadoda 10/13/2023
Supervised By :Semsettin Yesilyurt 10/13/2023



#32
1,1,1-Trichloroethane
Concen: 19.715 ug/l
RT: 7.697 min Scan# 964
Delta R.T. -0.012 min
Lab File: VY015941.D
Acq: 12 Oct 2023 18:19

Tgt Ion: 97 Resp: 79866
Ion Ratio Lower Upper
97 100
99 64.3 50.8 76.2
61 41.0 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 20.308 ug/l

RT: 8.142 min Scan# 1038

Delta R.T. -0.006 min

Lab File: VY015941.D

Acq: 12 Oct 2023 18:19

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

Tgt Ion: 65 Resp: 52384

Ion Ratio Lower Upper

65 100

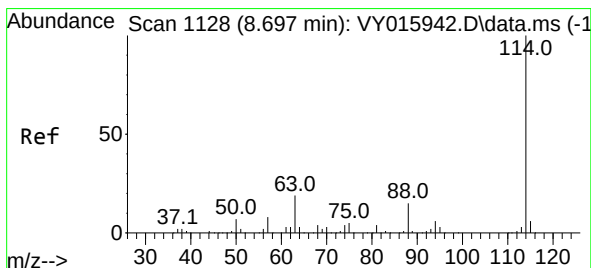
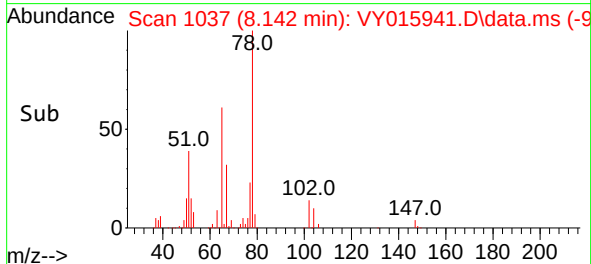
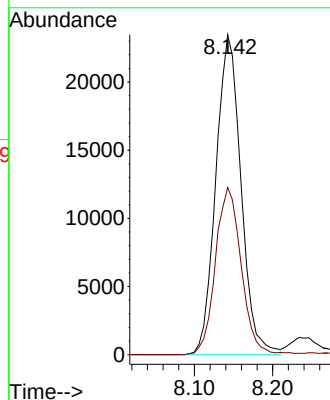
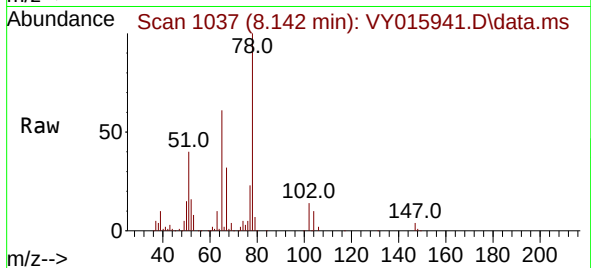
67 53.8 0.0 101.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/13/2023

Supervised By :Semsettin Yesilyurt 10/13/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.006 min

Lab File: VY015941.D

Acq: 12 Oct 2023 18:19

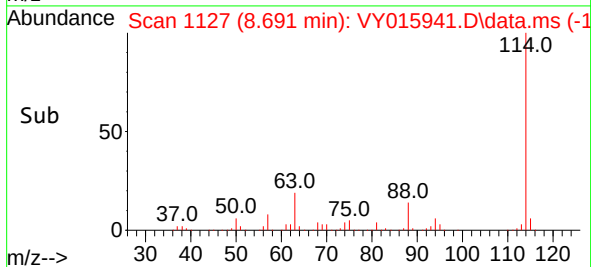
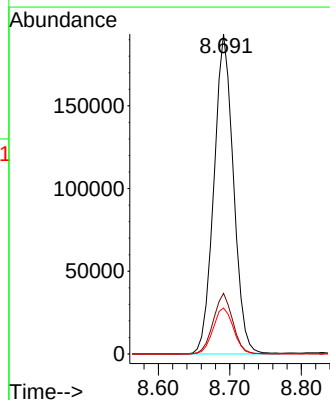
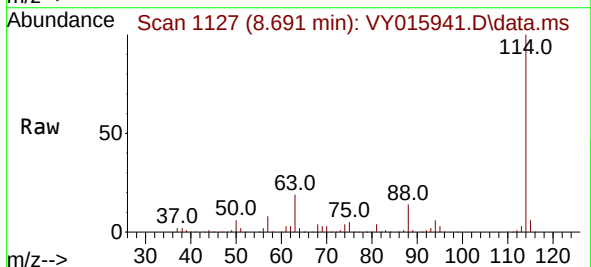
Tgt Ion:114 Resp: 367037

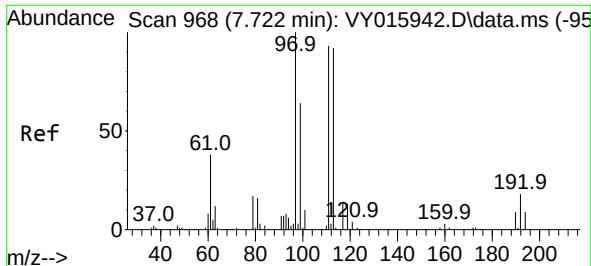
Ion Ratio Lower Upper

114 100

63 19.0 0.0 42.4

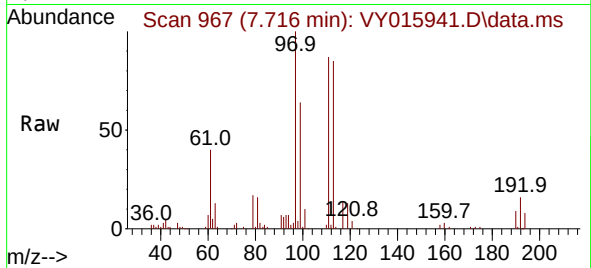
88 14.4 0.0 30.6





#35
Dibromofluoromethane
Concen: 20.629 ug/l
RT: 7.716 min Scan# 90
Delta R.T. -0.006 min
Lab File: VY015941.D
Acq: 12 Oct 2023 18:19

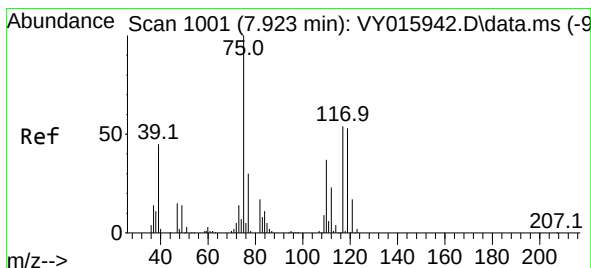
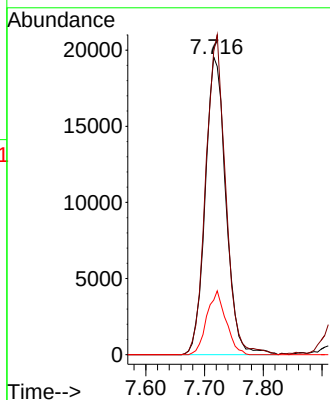
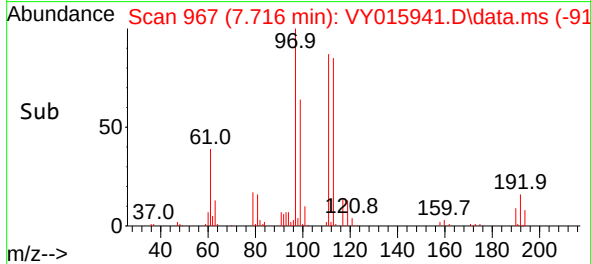
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020



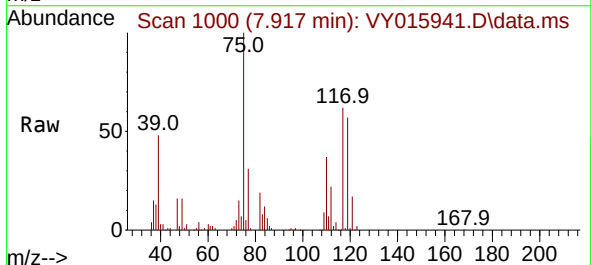
Tgt Ion:113 Resp: 47668
Ion Ratio Lower Upper
113 100
111 103.7 81.3 121.9
192 20.0 16.9 25.3

Manual Integrations
APPROVED

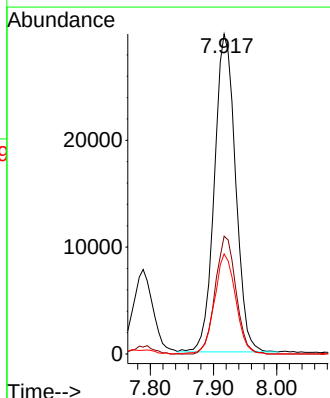
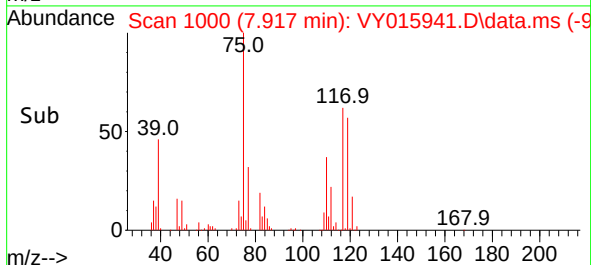
Reviewed By :Mahesh Dadoda 10/13/2023
Supervised By :Semsettin Yesilyurt 10/13/2023

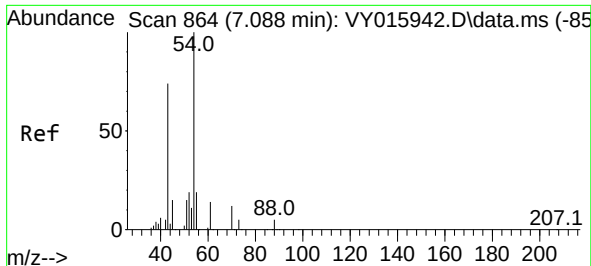


#36
1,1-Dichloropropene
Concen: 19.763 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. -0.006 min
Lab File: VY015941.D
Acq: 12 Oct 2023 18:19



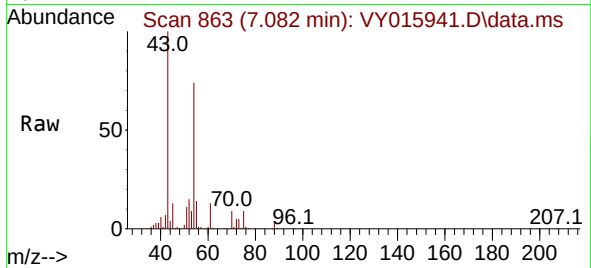
Tgt Ion: 75 Resp: 68903
Ion Ratio Lower Upper
75 100
110 36.3 17.8 53.5
77 31.5 24.4 36.6





#37
Ethyl Acetate
Concen: 17.637 ug/l
RT: 7.082 min Scan# 80
Delta R.T. -0.006 min
Lab File: VY015941.D
Acq: 12 Oct 2023 18:19

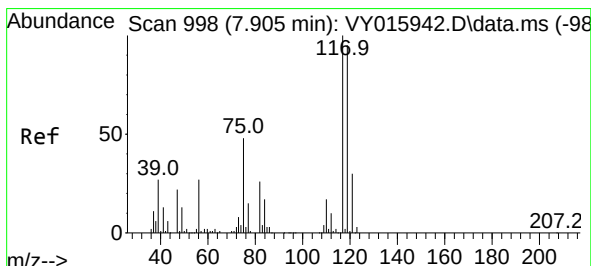
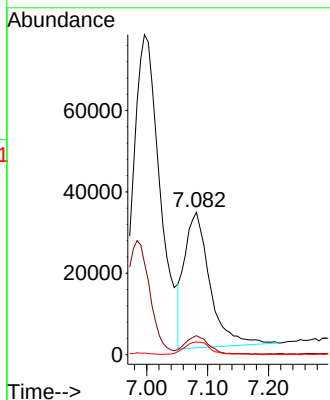
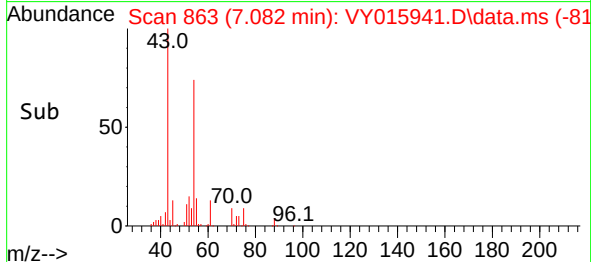
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020



Tgt Ion: 43 Resp: 9648
Ion Ratio Lower Upper
43 100
61 12.7 10.1 15.1
70 9.8 7.1 10.7

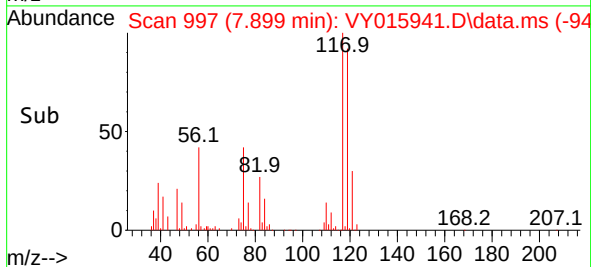
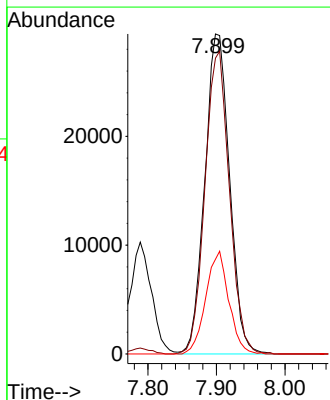
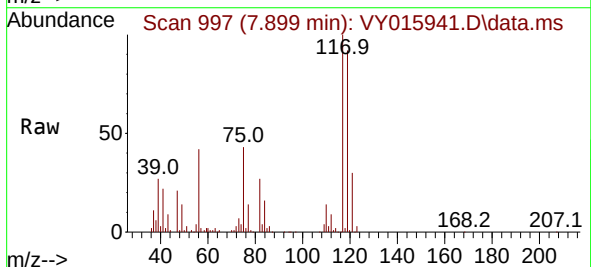
Manual Integrations
APPROVED

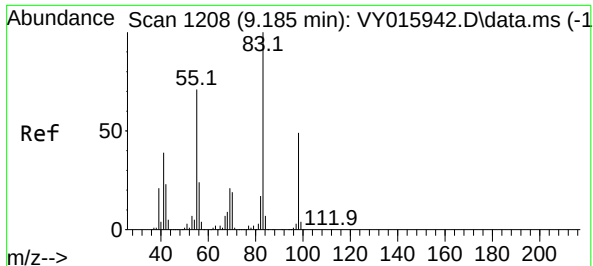
Reviewed By :Mahesh Dadoda 10/13/2023
Supervised By :Semsettin Yesilyurt 10/13/2023



#38
Carbon Tetrachloride
Concen: 20.139 ug/l
RT: 7.899 min Scan# 997
Delta R.T. -0.006 min
Lab File: VY015941.D
Acq: 12 Oct 2023 18:19

Tgt Ion:117 Resp: 73948
Ion Ratio Lower Upper
117 100
119 92.5 76.4 114.6
121 29.6 25.8 38.6





#39

Methylcyclohexane

Concen: 19.852 ug/l

RT: 9.185 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VY015941.D

Acq: 12 Oct 2023 18:19

Instrument :

MSVOA_Y

ClientSampleId :

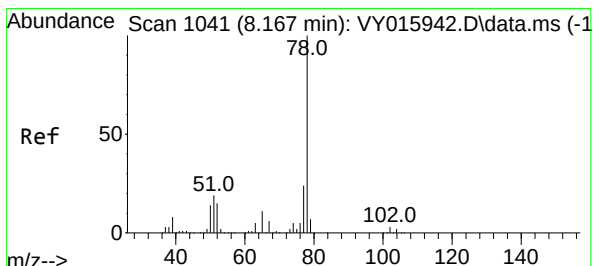
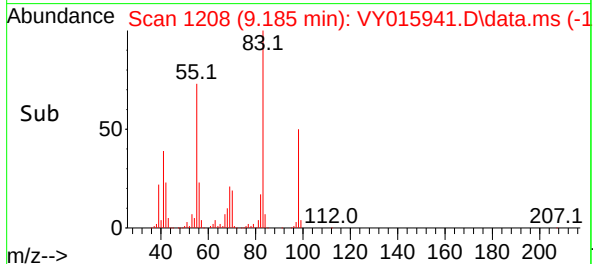
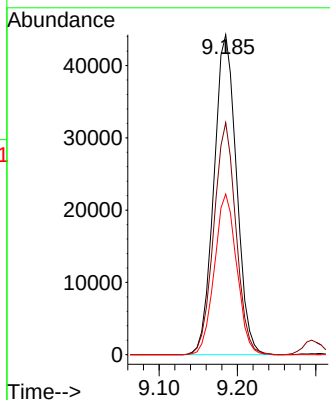
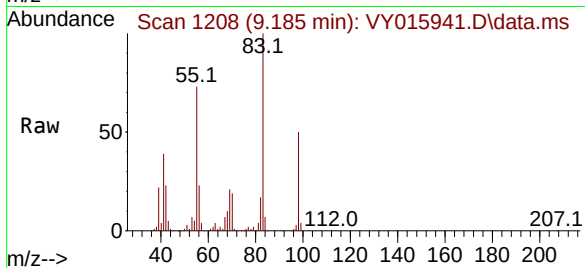
VSTDICC020

Tgt Ion: 83	Resp: 8880
Ion Ratio	Lower Upper
83	100
55	72.5 63.0 94.4
98	50.2 37.4 56.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/13/2023
Supervised By :Semsettin Yesilyurt 10/13/2023



#40

Benzene

Concen: 20.064 ug/l

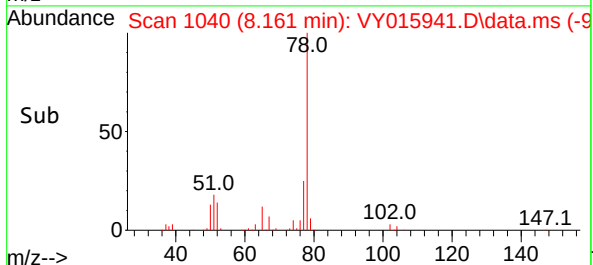
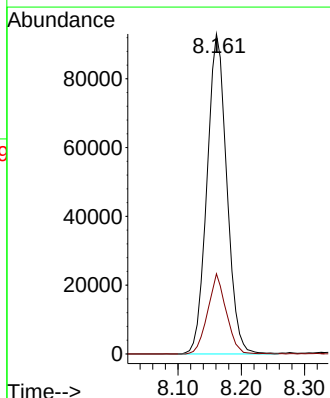
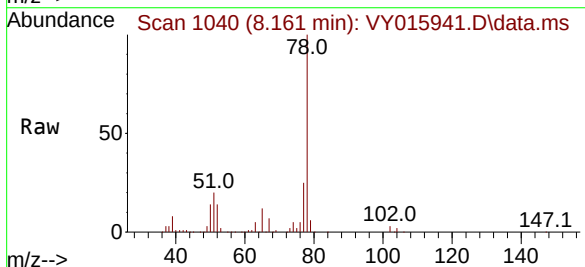
RT: 8.161 min Scan# 1040

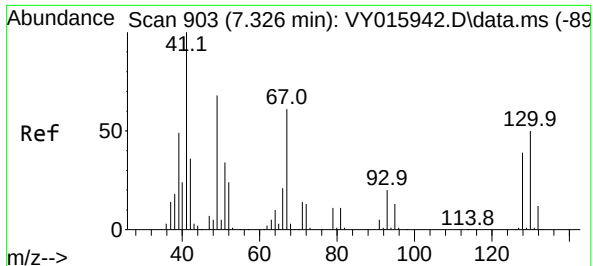
Delta R.T. -0.006 min

Lab File: VY015941.D

Acq: 12 Oct 2023 18:19

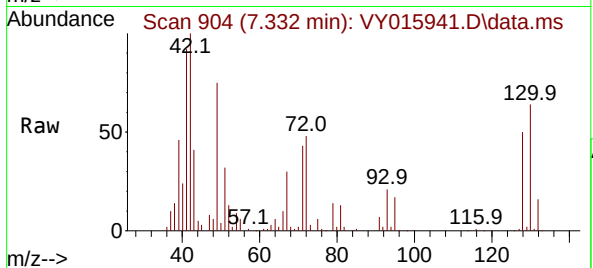
Tgt Ion: 78	Resp: 202398
Ion Ratio	Lower Upper
78	100
77	25.1 19.0 28.6





#41
Methacrylonitrile
Concen: 24.870 ug/l m
RT: 7.332 min Scan# 903
Delta R.T. 0.006 min
Lab File: VY015941.D
Acq: 12 Oct 2023 18:19

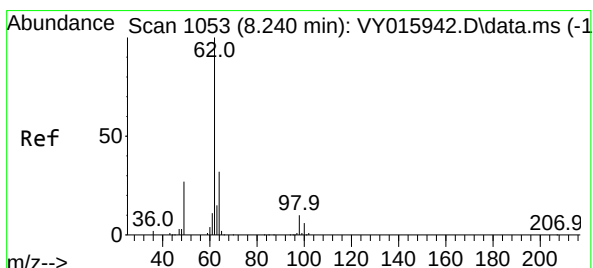
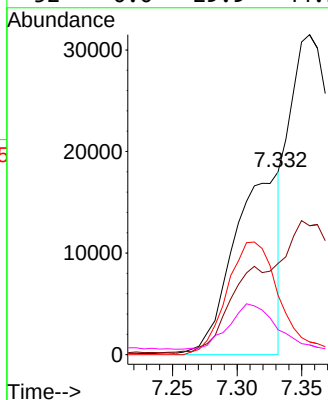
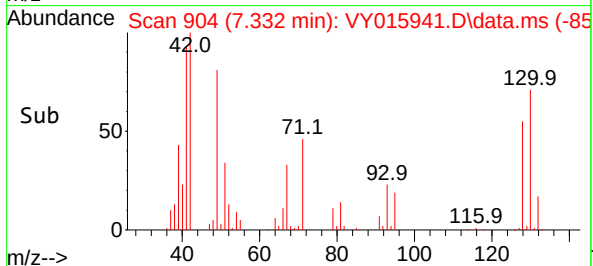
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020



Tgt Ion: 41 Resp: 44034
Ion Ratio Lower Upper
41 100
39 89.9 52.1 78.1
67 0.0 66.2 99.2
52 0.0 29.9 44.9

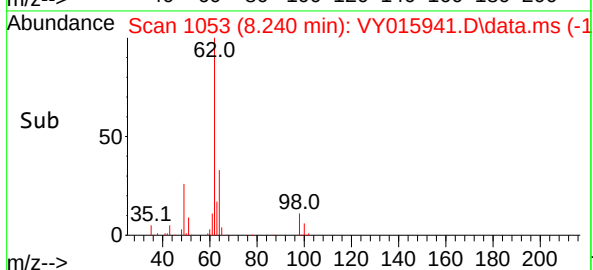
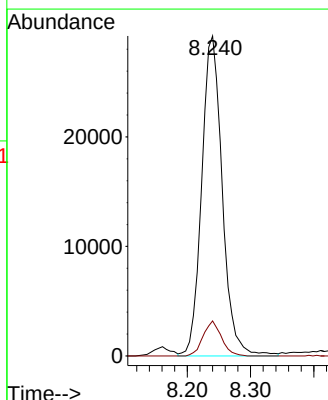
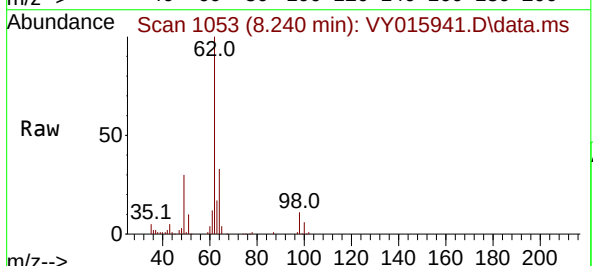
Manual Integrations
APPROVED

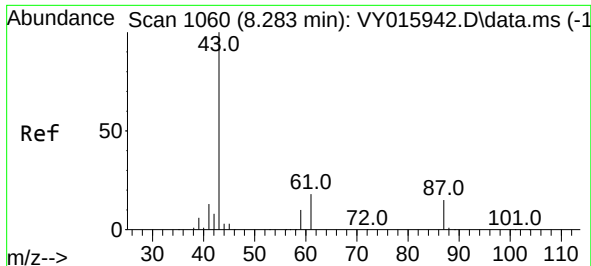
Reviewed By :Mahesh Dadoda 10/13/2023
Supervised By :Semsettin Yesilyurt 10/13/2023



#42
1,2-Dichloroethane
Concen: 20.470 ug/l
RT: 8.240 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VY015941.D
Acq: 12 Oct 2023 18:19

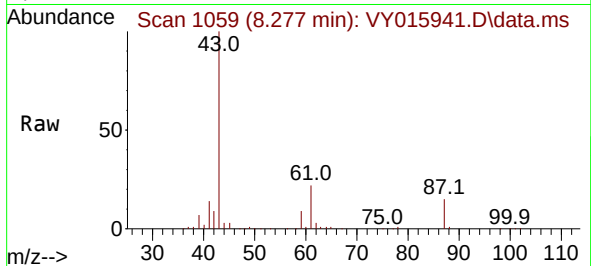
Tgt Ion: 62 Resp: 66259
Ion Ratio Lower Upper
62 100
98 9.8 0.0 15.8





#43
Isopropyl Acetate
Concen: 20.141 ug/l
RT: 8.277 min Scan# 1059
Delta R.T. -0.006 min
Lab File: VY015941.D
Acq: 12 Oct 2023 18:19

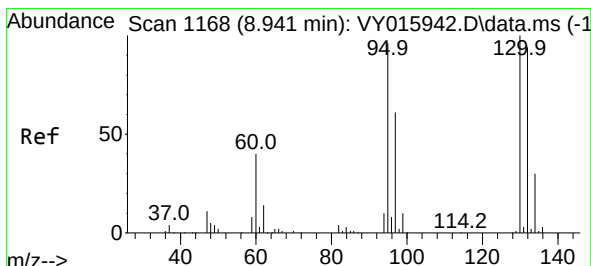
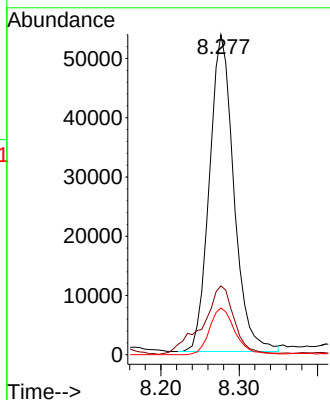
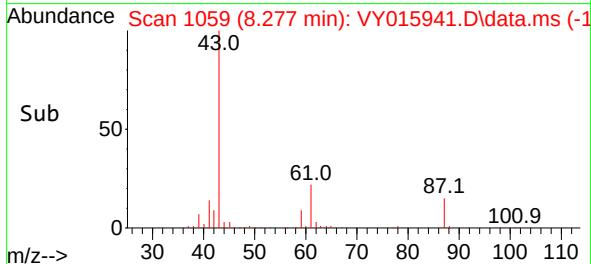
Instrument : MSVOA_Y
ClientSampleId : VSTDIC020



Tgt Ion: 43 Resp: 116192
Ion Ratio Lower Upper
43 100
61 27.8 21.1 31.7
87 15.3 9.8 14.8

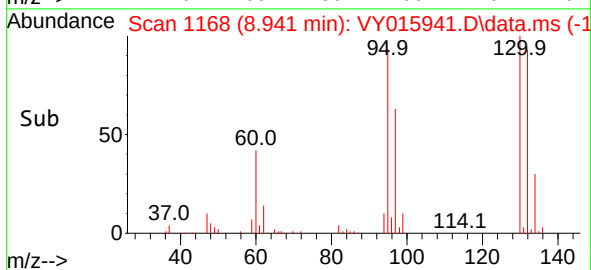
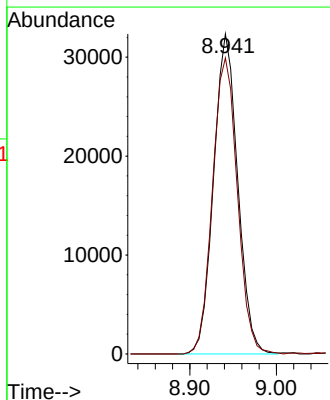
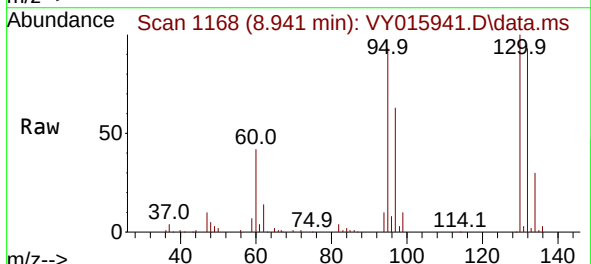
Manual Integrations
APPROVED

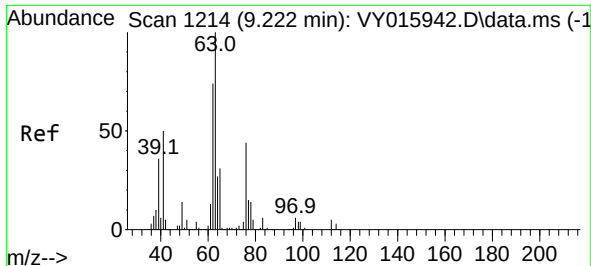
Reviewed By :Mahesh Dadoda 10/13/2023
Supervised By :Semsettin Yesilyurt 10/13/2023



#44
Trichloroethene
Concen: 20.122 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. -0.000 min
Lab File: VY015941.D
Acq: 12 Oct 2023 18:19

Tgt Ion:130 Resp: 62555
Ion Ratio Lower Upper
130 100
95 92.5 0.0 196.0





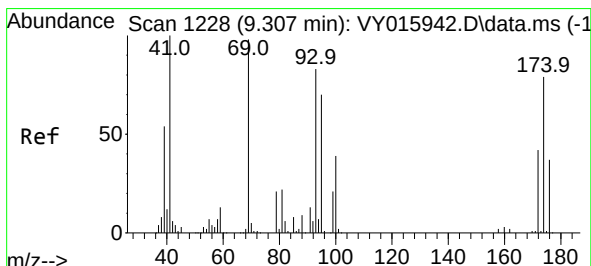
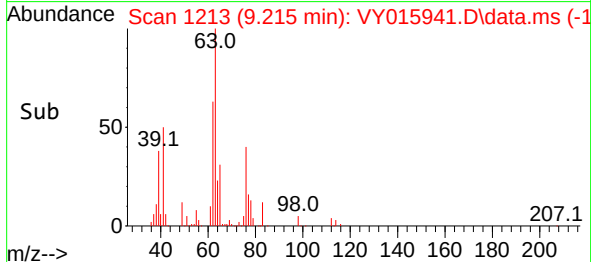
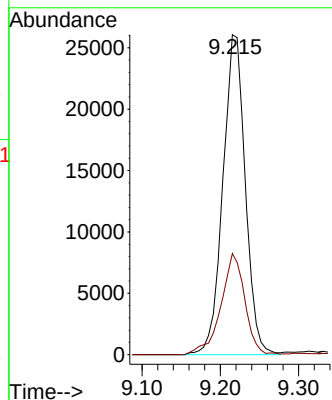
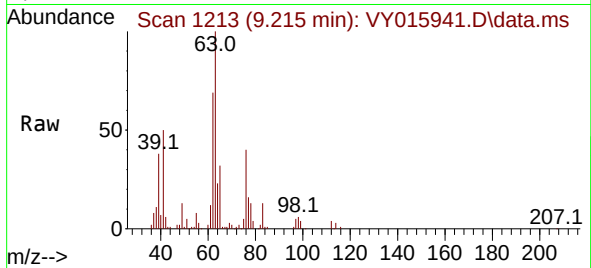
#45
1,2-Dichloropropane
Concen: 20.168 ug/l
RT: 9.215 min Scan# 1213
Delta R.T. -0.006 min
Lab File: VY015941.D
Acq: 12 Oct 2023 18:19

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion: 63 Resp: 51910
Ion Ratio Lower Upper
63 100
65 31.6 23.8 35.6

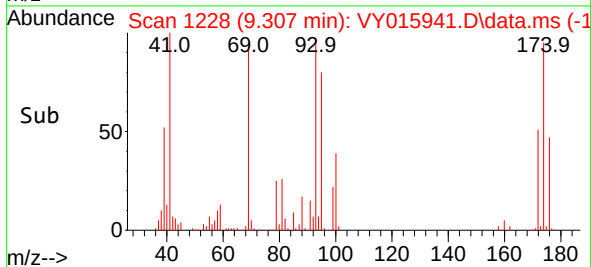
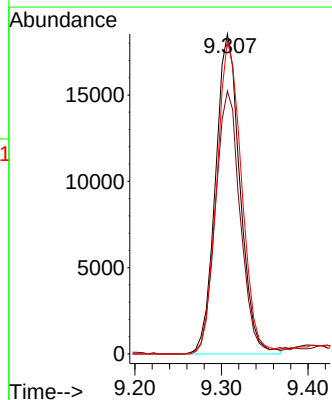
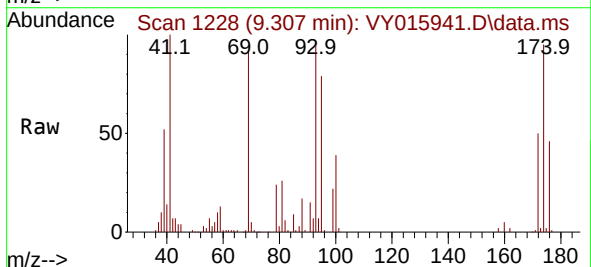
Manual Integrations
APPROVED

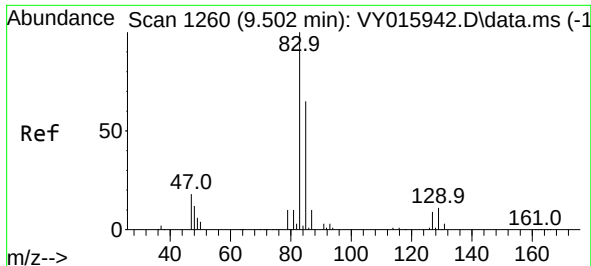
Reviewed By :Mahesh Dadoda 10/13/2023
Supervised By :Semsettin Yesilyurt 10/13/2023



#46
Dibromomethane
Concen: 20.137 ug/l
RT: 9.307 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VY015941.D
Acq: 12 Oct 2023 18:19

Tgt Ion: 93 Resp: 36435
Ion Ratio Lower Upper
93 100
95 83.0 66.6 100.0
174 100.3 84.8 127.2





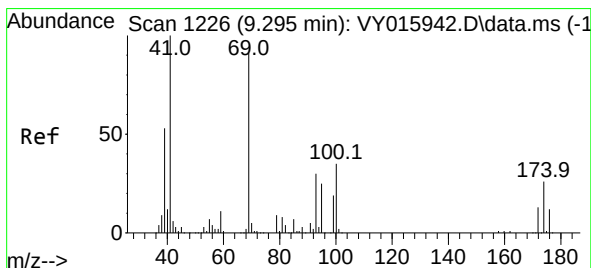
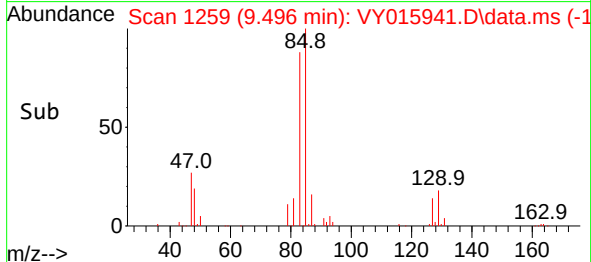
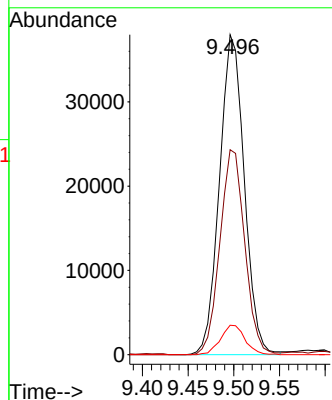
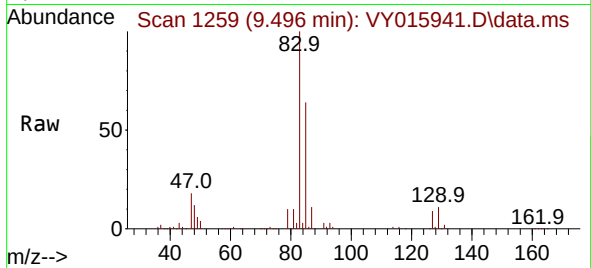
#47
Bromodichloromethane
Concen: 19.625 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. -0.006 min
Lab File: VY015941.D
Acq: 12 Oct 2023 18:19

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tgt Ion: 83 Resp: 7170
Ion Ratio Lower Upper
83 100
85 64.0 50.1 75.1
127 9.2 7.1 10.7

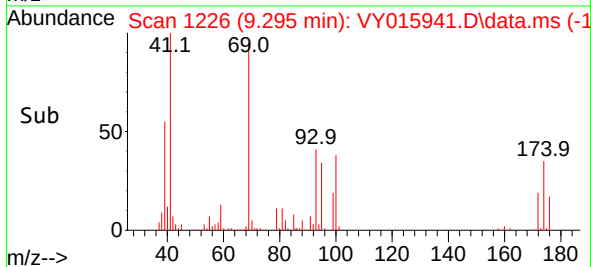
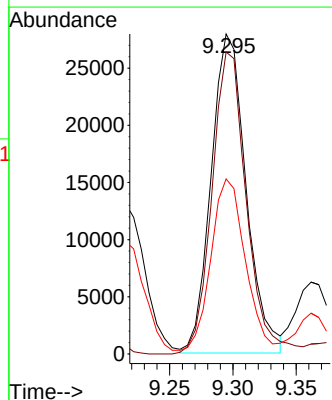
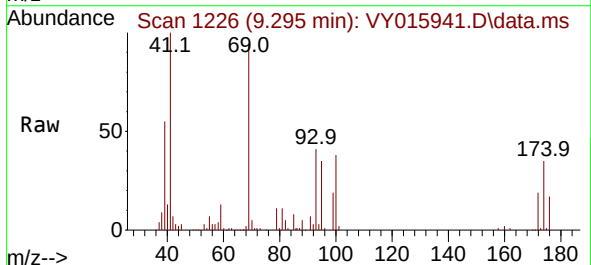
Manual Integrations
APPROVED

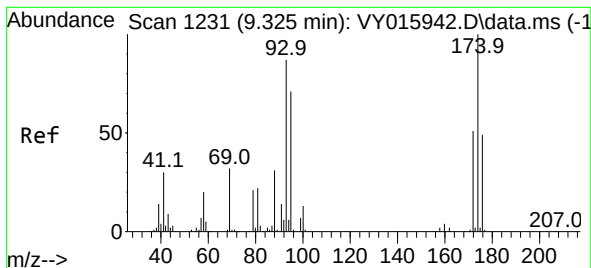
Reviewed By :Mahesh Dadoda 10/13/2023
Supervised By :Semsettin Yesilyurt 10/13/2023



#48
Methyl methacrylate
Concen: 21.005 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. -0.000 min
Lab File: VY015941.D
Acq: 12 Oct 2023 18:19

Tgt Ion: 41 Resp: 53621
Ion Ratio Lower Upper
41 100
69 93.5 64.5 96.7
39 52.3 50.8 76.2





#49

1,4-Dioxane

Concen: 428.786 ug/l

RT: 9.319 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY015941.D

Acq: 12 Oct 2023 18:19

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

Tgt Ion: 88 Resp: 22059

Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

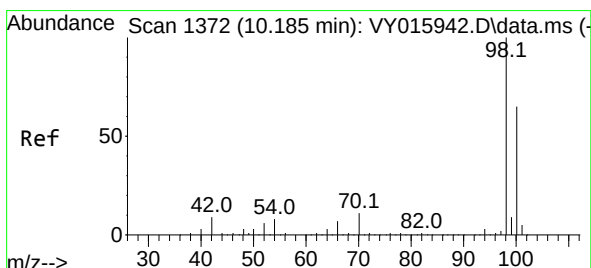
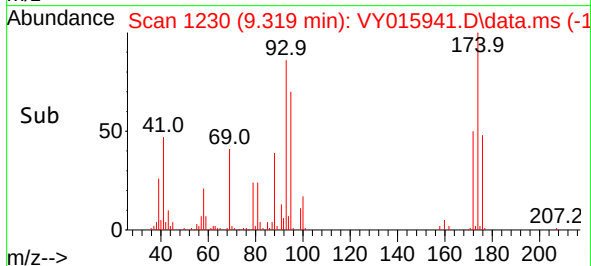
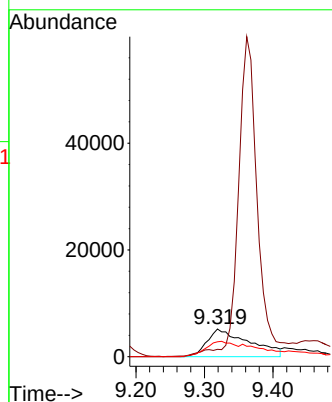
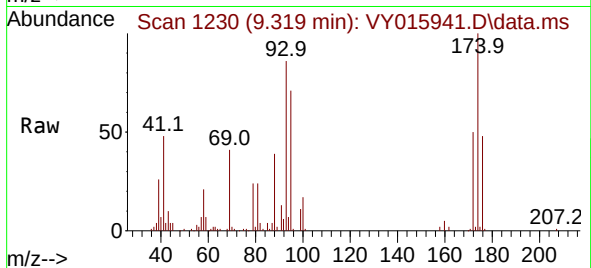
58 38.5 30.9 46.3

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/13/2023

Supervised By :Semsettin Yesilyurt 10/13/2023



#50

Toluene-d8

Concen: 21.050 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.006 min

Lab File: VY015941.D

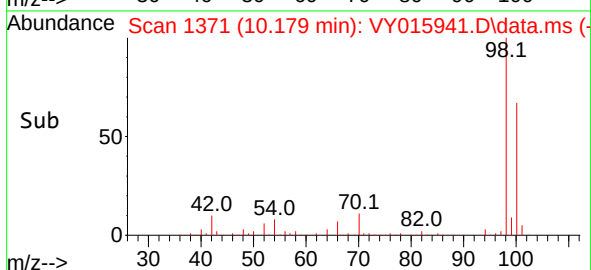
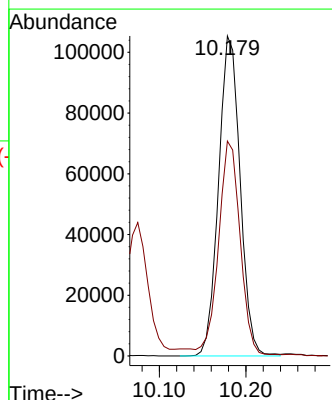
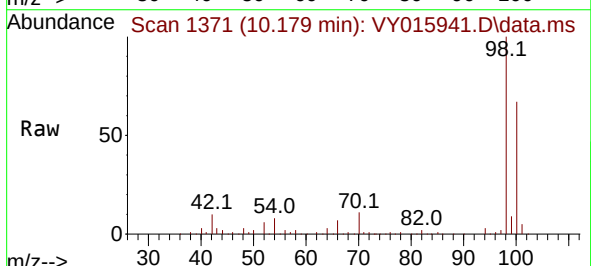
Acq: 12 Oct 2023 18:19

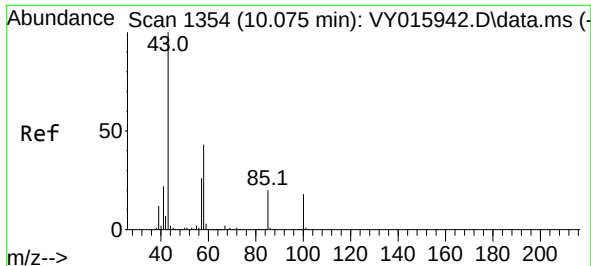
Tgt Ion: 98 Resp: 182158

Ion Ratio Lower Upper

98 100

100 66.6 50.1 75.1





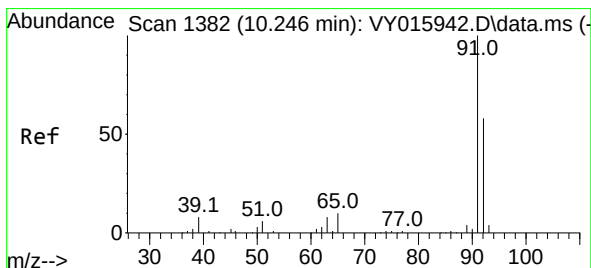
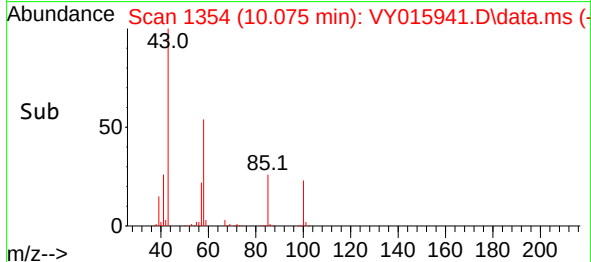
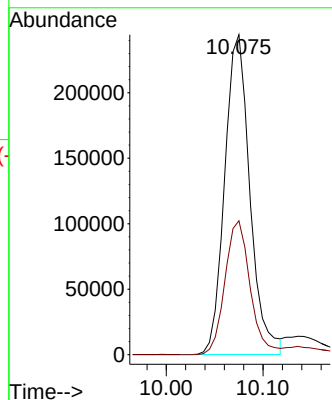
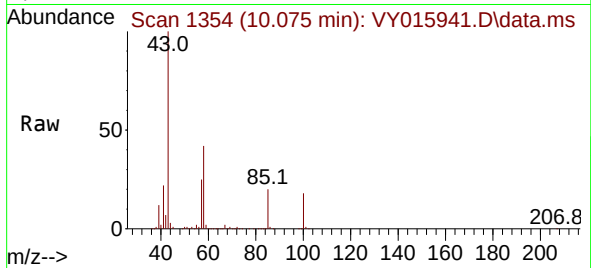
#51
4-Methyl-2-Pentanone
Concen: 103.910 ug/l
RT: 10.075 min Scan# 1354
Delta R.T. -0.000 min
Lab File: VY015941.D
Acq: 12 Oct 2023 18:19

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion: 43 Resp: 44257
Ion Ratio Lower Upper
43 100
58 41.9 29.0 43.6

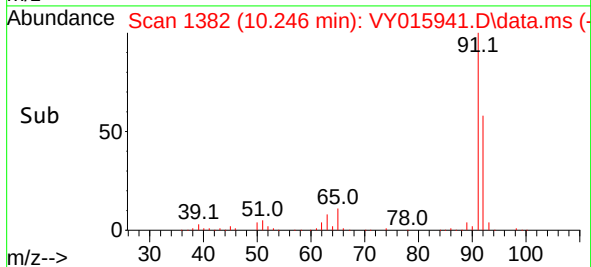
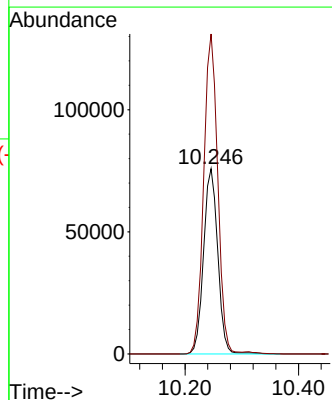
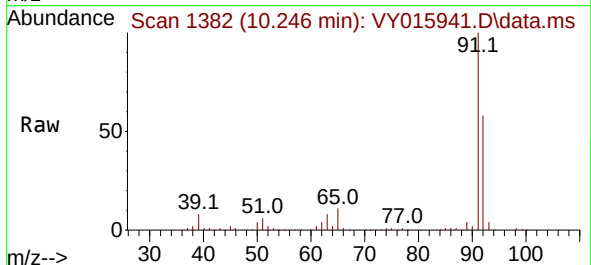
Manual Integrations
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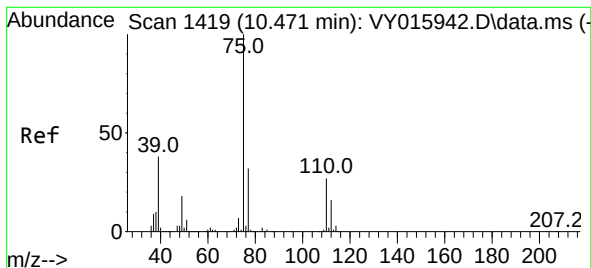
Reviewed By :Mahesh Dadoda 10/13/2023
Supervised By :Semsettin Yesilyurt 10/13/2023



#52
Toluene
Concen: 20.392 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. -0.000 min
Lab File: VY015941.D
Acq: 12 Oct 2023 18:19

Tgt Ion: 92 Resp: 131526
Ion Ratio Lower Upper
92 100
91 170.5 143.8 215.6





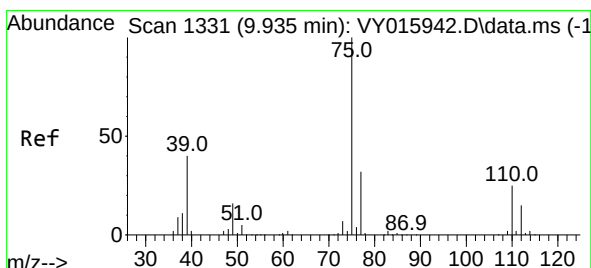
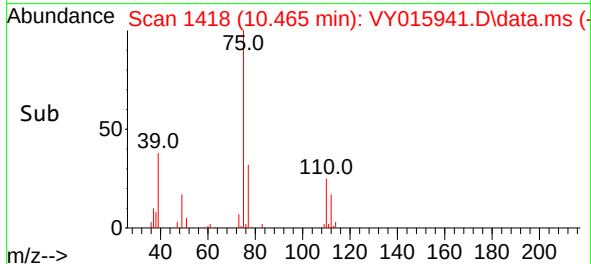
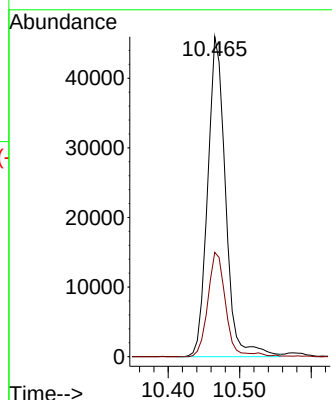
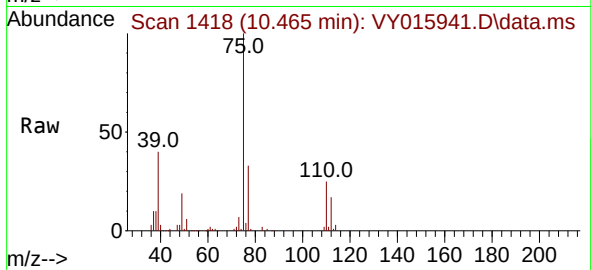
#53
t-1,3-Dichloropropene
Concen: 19.518 ug/l
RT: 10.465 min Scan# 1419
Delta R.T. -0.006 min
Lab File: VY015941.D
Acq: 12 Oct 2023 18:19

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tgt Ion: 75 Resp: 79960
Ion Ratio Lower Upper
75 100
77 32.6 25.0 37.4

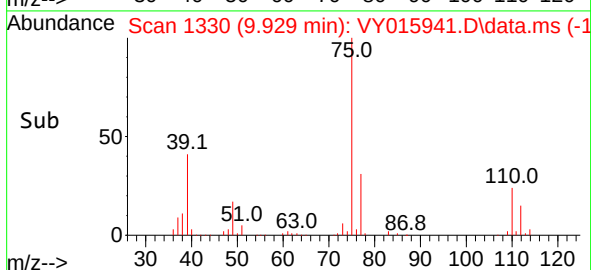
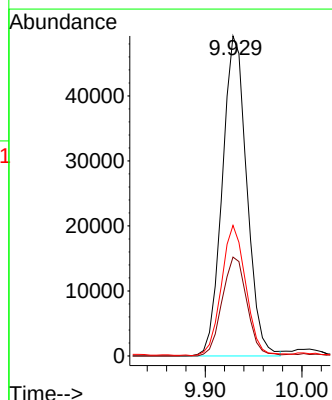
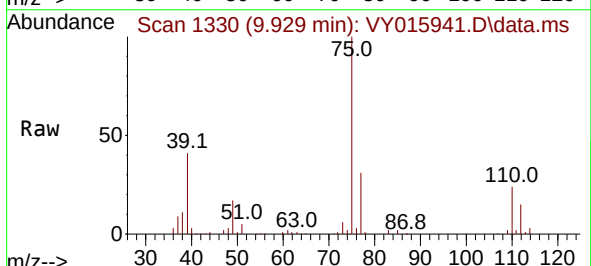
Manual Integrations
APPROVED

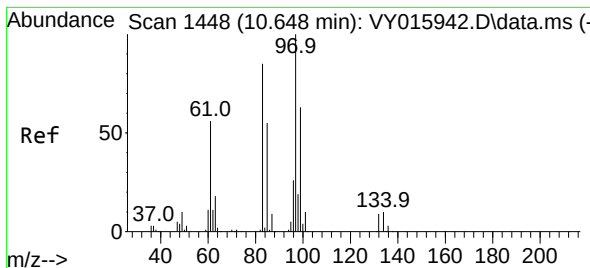
Reviewed By :Mahesh Dadoda 10/13/2023
Supervised By :Semsettin Yesilyurt 10/13/2023



#54
cis-1,3-Dichloropropene
Concen: 19.683 ug/l
RT: 9.929 min Scan# 1330
Delta R.T. -0.006 min
Lab File: VY015941.D
Acq: 12 Oct 2023 18:19

Tgt Ion: 75 Resp: 86681
Ion Ratio Lower Upper
75 100
77 30.9 24.2 36.4
39 40.6 42.2 63.4#





#55

1,1,2-Trichloroethane

Concen: 19.679 ug/l

RT: 10.648 min Scan# 1448

Delta R.T. -0.000 min

Lab File: VY015941.D

Acq: 12 Oct 2023 18:19

Instrument :

MSVOA_Y

ClientSampleId :

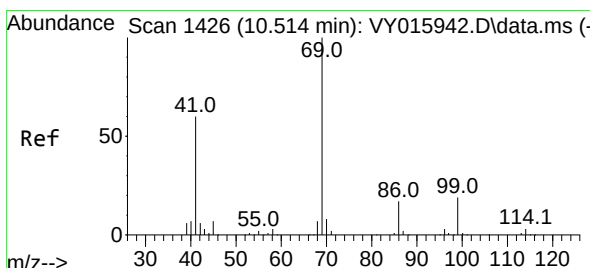
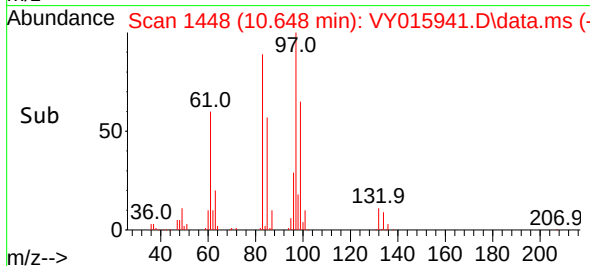
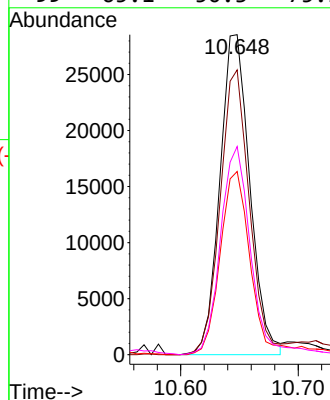
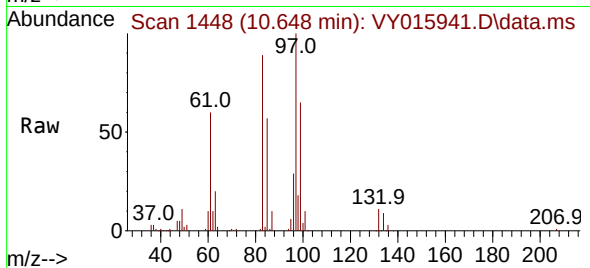
VSTDIC020

Tgt Ion:	97	Resp:	50694
Ion	Ratio	Lower	Upper
97	100		
83	89.0	72.0	108.0
85	57.2	45.4	68.0
99	65.1	50.3	75.5

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/13/2023
Supervised By :Semsettin Yesilyurt 10/13/2023



#56

Ethyl methacrylate

Concen: 20.573 ug/l

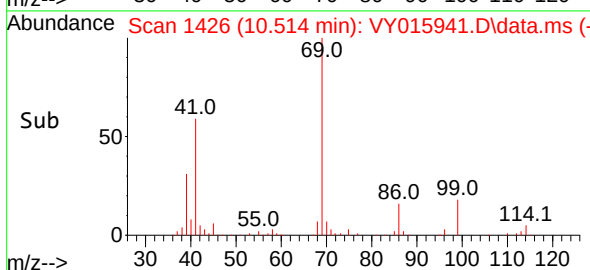
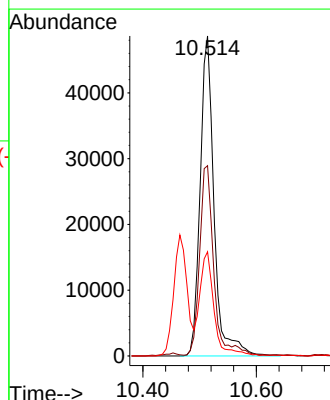
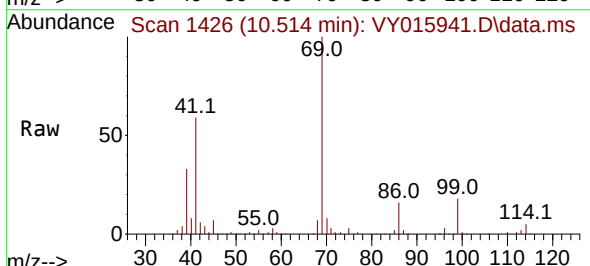
RT: 10.514 min Scan# 1426

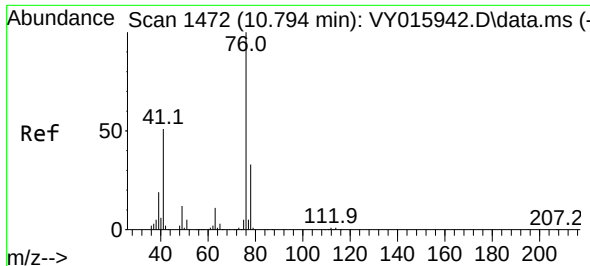
Delta R.T. -0.000 min

Lab File: VY015941.D

Acq: 12 Oct 2023 18:19

Tgt Ion:	69	Resp:	82968
Ion	Ratio	Lower	Upper
69	100		
41	60.1	57.6	86.4
39	32.7	34.1	51.1





#57

1,3-Dichloropropane

Concen: 20.335 ug/l

RT: 10.794 min Scan# 1472

Delta R.T. -0.000 min

Lab File: VY015941.D

Acq: 12 Oct 2023 18:19

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

Tgt Ion: 76 Resp: 8886

Ion Ratio Lower Upper

76 100

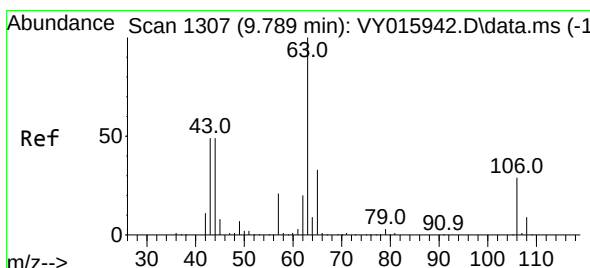
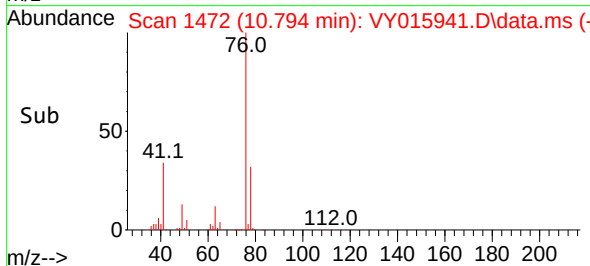
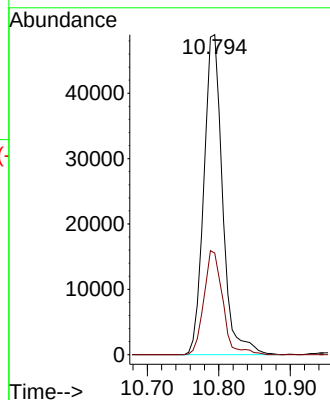
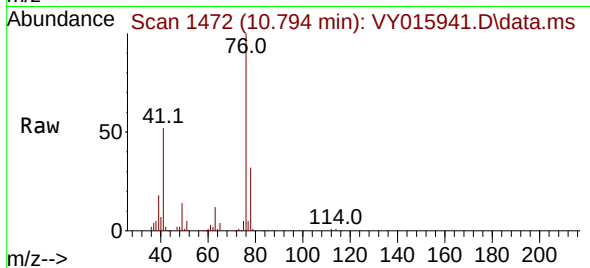
78 32.8 25.3 37.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/13/2023

Supervised By :Semsettin Yesilyurt 10/13/2023



#58

2-Chloroethyl Vinyl ether

Concen: 119.339 ug/l

RT: 9.782 min Scan# 1306

Delta R.T. -0.006 min

Lab File: VY015941.D

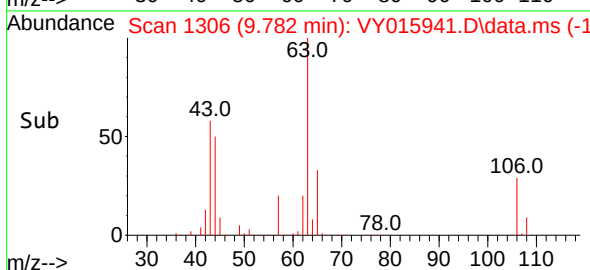
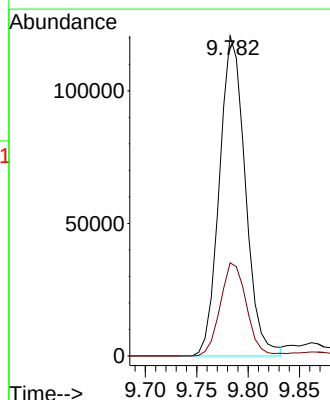
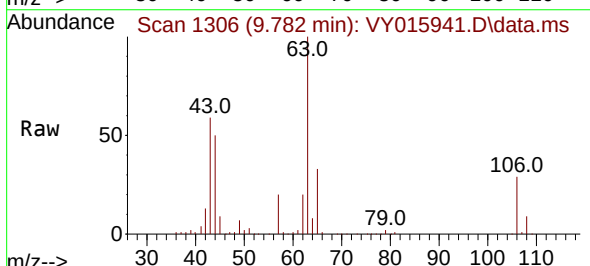
Acq: 12 Oct 2023 18:19

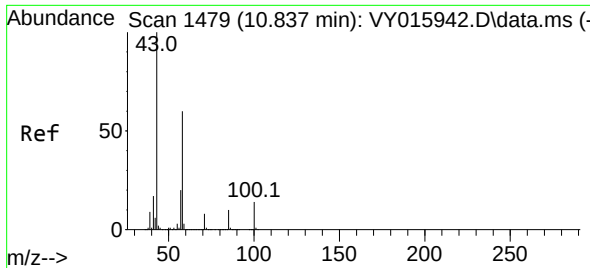
Tgt Ion: 63 Resp: 211191

Ion Ratio Lower Upper

63 100

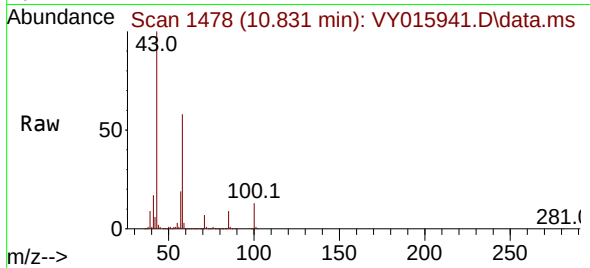
106 29.6 21.2 31.8





#59
2-Hexanone
Concen: 113.111 ug/l
RT: 10.831 min Scan# 1479
Delta R.T. -0.006 min
Lab File: VY015941.D
Acq: 12 Oct 2023 18:19

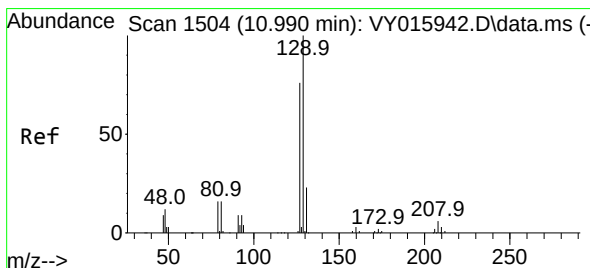
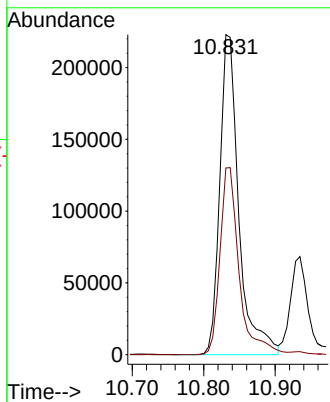
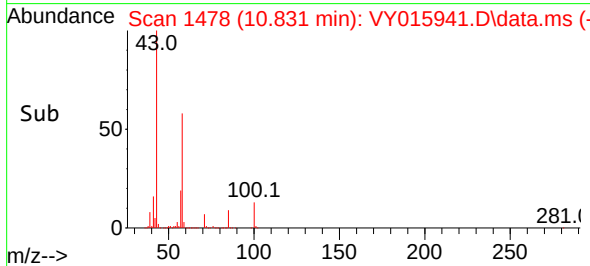
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020



Tgt Ion: 43 Resp: 411235
Ion Ratio Lower Upper
43 100
58 59.0 25.1 75.3

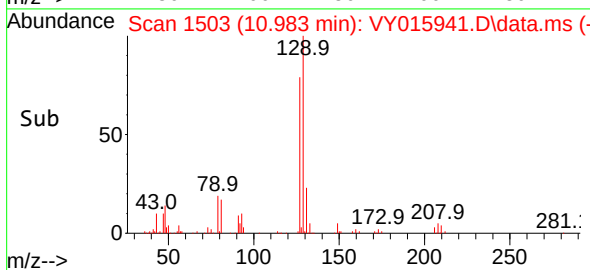
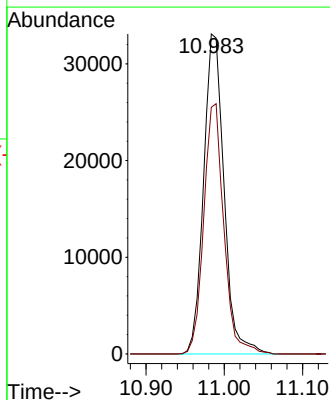
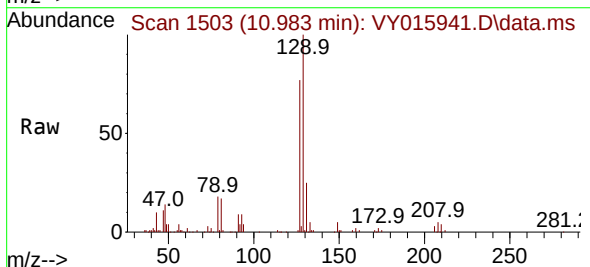
Manual Integrations
APPROVED

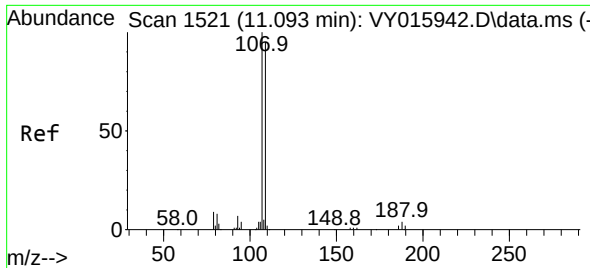
Reviewed By :Mahesh Dadoda 10/13/2023
Supervised By :Semsettin Yesilyurt 10/13/2023



#60
Dibromochloromethane
Concen: 20.472 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. -0.006 min
Lab File: VY015941.D
Acq: 12 Oct 2023 18:19

Tgt Ion:129 Resp: 59972
Ion Ratio Lower Upper
129 100
127 76.9 38.5 115.5





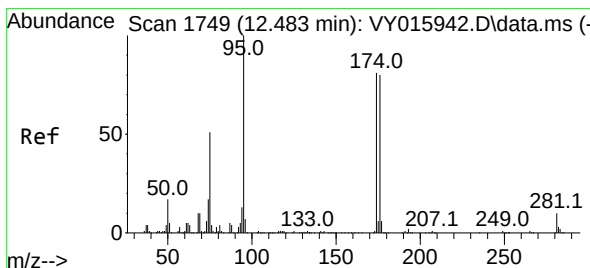
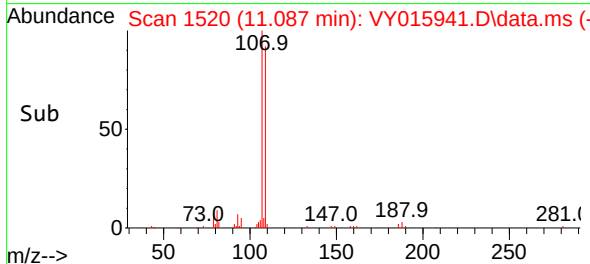
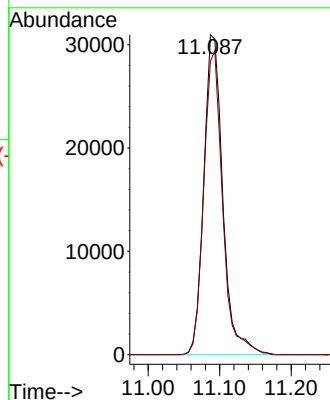
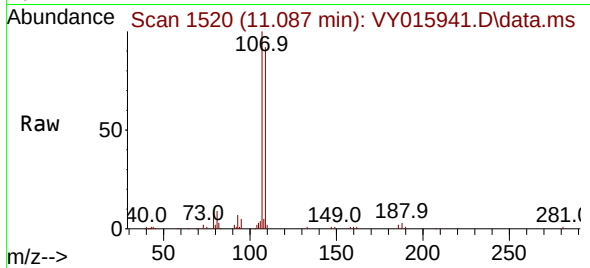
#61
1,2-Dibromoethane
Concen: 20.528 ug/l
RT: 11.087 min Scan# 1521
Delta R.T. -0.006 min
Lab File: VY015941.D
Acq: 12 Oct 2023 18:19

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion:107 Resp: 5722
Ion Ratio Lower Upper
107 100
109 94.0 75.6 113.4

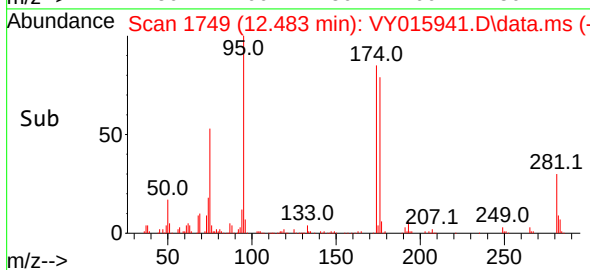
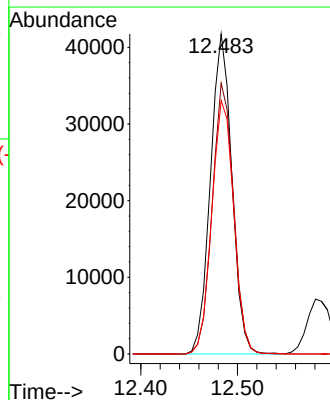
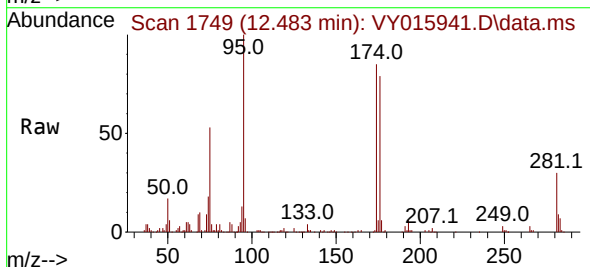
Manual Integrations
APPROVED

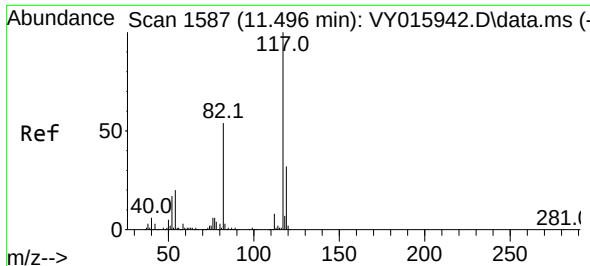
Reviewed By :Mahesh Dadoda 10/13/2023
Supervised By :Semsettin Yesilyurt 10/13/2023



#62
4-Bromofluorobenzene
Concen: 20.827 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY015941.D
Acq: 12 Oct 2023 18:19

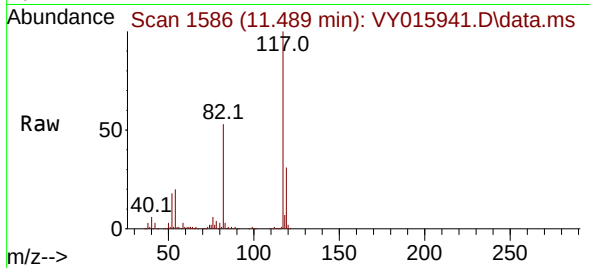
Tgt Ion: 95 Resp: 64175
Ion Ratio Lower Upper
95 100
174 84.3 0.0 178.2
176 81.4 0.0 173.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11586
Delta R.T. -0.006 min
Lab File: VY015941.D
Acq: 12 Oct 2023 18:19

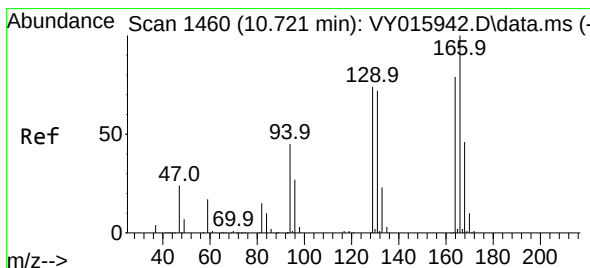
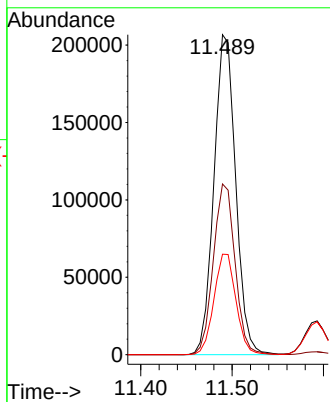
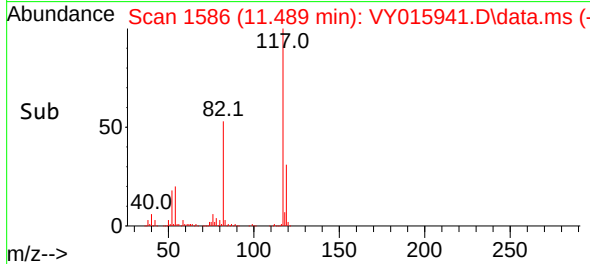
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020



Tgt Ion:117 Resp: 342044
Ion Ratio Lower Upper
117 100
82 53.4 43.4 65.0
119 31.4 26.3 39.5

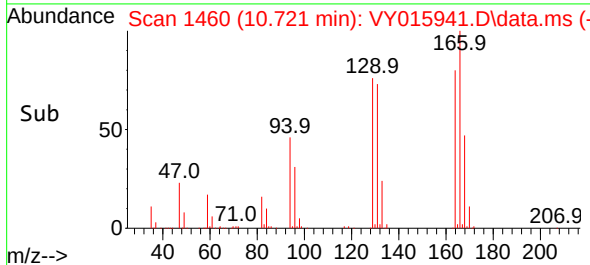
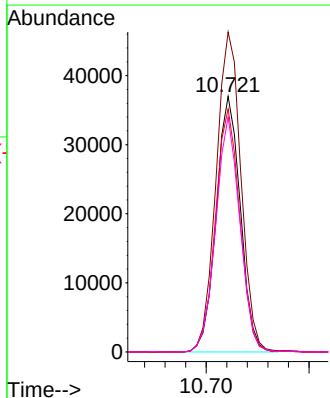
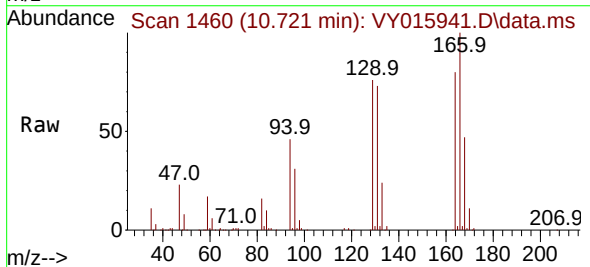
Manual Integrations
APPROVED

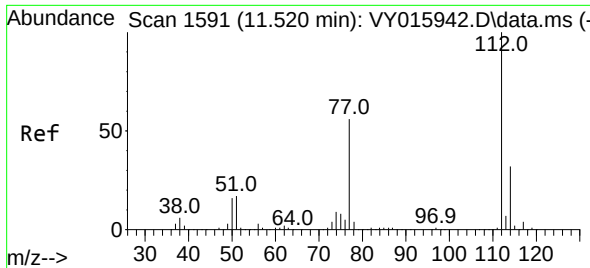
Reviewed By :Mahesh Dadoda 10/13/2023
Supervised By :Semsettin Yesilyurt 10/13/2023



#64
Tetrachloroethene
Concen: 20.236 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. -0.000 min
Lab File: VY015941.D
Acq: 12 Oct 2023 18:19

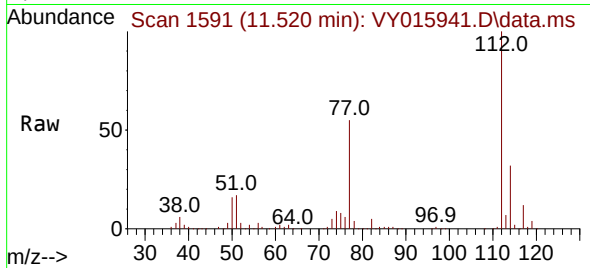
Tgt Ion:164 Resp: 60339
Ion Ratio Lower Upper
164 100
166 125.2 103.0 154.6
129 95.2 77.2 115.8
131 91.9 69.6 104.4





#65
Chlorobenzene
Concen: 19.967 ug/l
RT: 11.520 min Scan# 11591
Delta R.T. -0.000 min
Lab File: VY015941.D
Acq: 12 Oct 2023 18:19

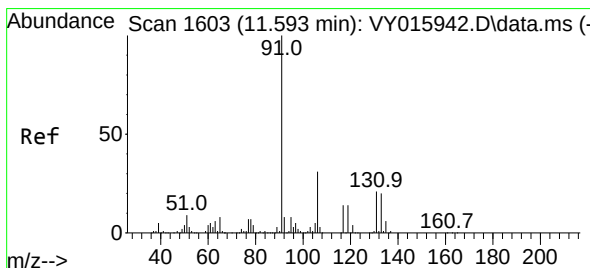
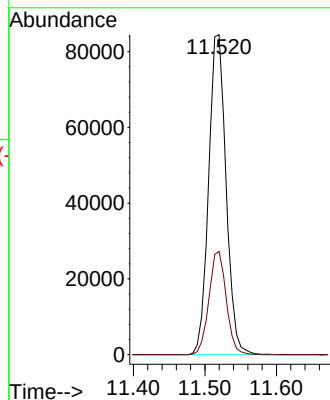
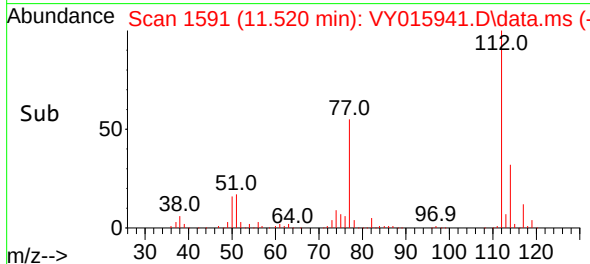
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020



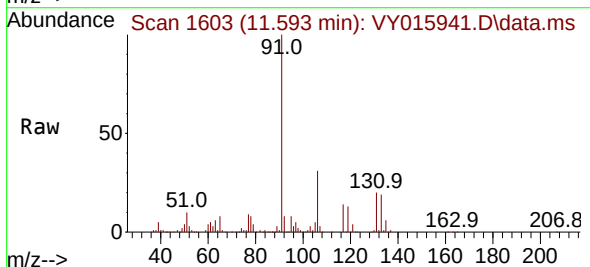
Tgt Ion:112 Resp: 143098
Ion Ratio Lower Upper
112 100
114 32.2 25.5 38.3

Manual Integrations
APPROVED

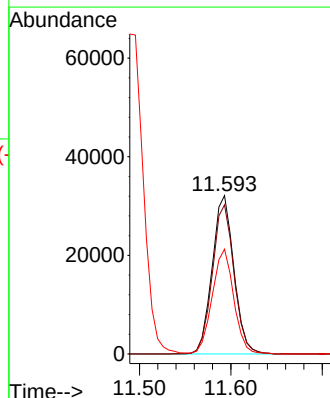
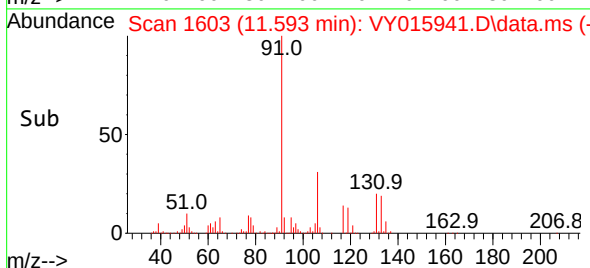
Reviewed By :Mahesh Dadoda 10/13/2023
Supervised By :Semsettin Yesilyurt 10/13/2023

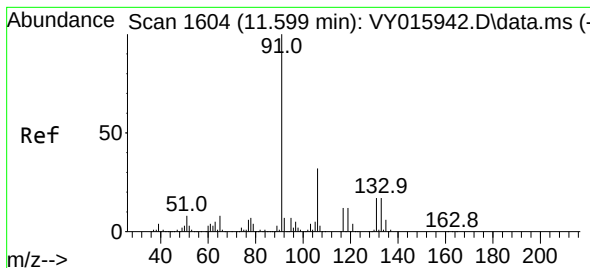


#66
1,1,1,2-Tetrachloroethane
Concen: 19.968 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. -0.000 min
Lab File: VY015941.D
Acq: 12 Oct 2023 18:19



Tgt Ion:131 Resp: 52975
Ion Ratio Lower Upper
131 100
133 94.3 47.5 142.6
119 65.5 31.6 94.7





#67

Ethyl Benzene

Concen: 19.931 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. -0.006 min

Lab File: VY015941.D

Acq: 12 Oct 2023 18:19

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

Tgt Ion: 91 Resp: 249758

Ion Ratio Lower Upper

91 100

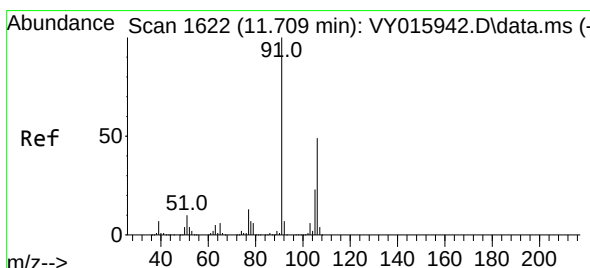
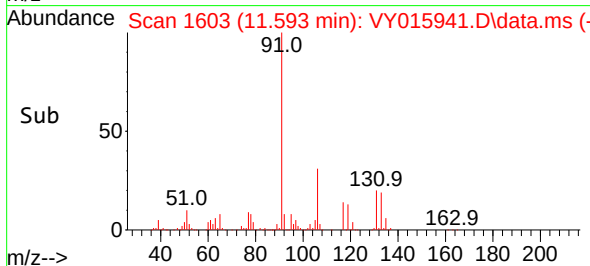
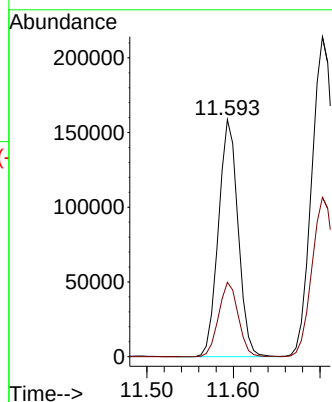
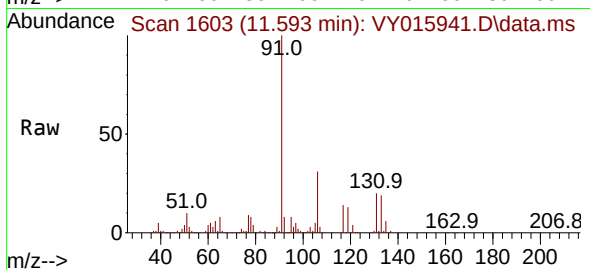
106 31.4 24.6 36.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/13/2023

Supervised By :Semsettin Yesilyurt 10/13/2023



#68

m/p-Xylenes

Concen: 40.396 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. -0.006 min

Lab File: VY015941.D

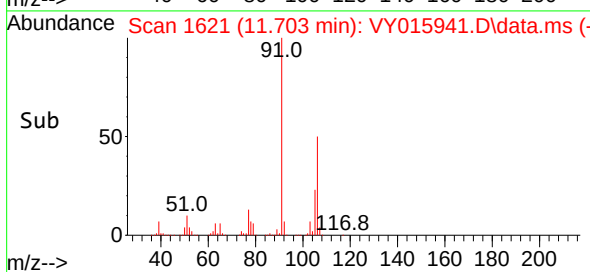
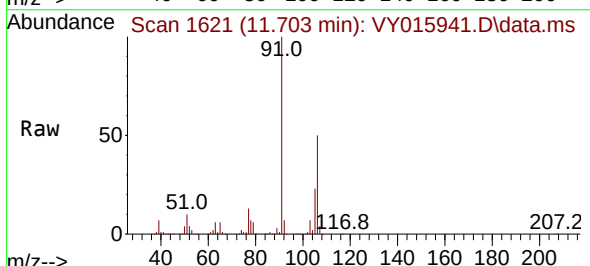
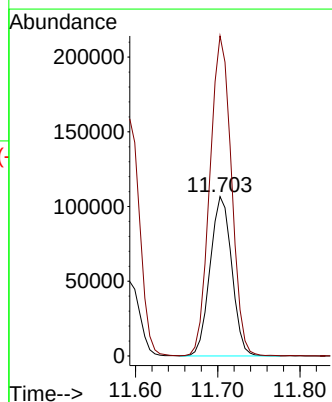
Acq: 12 Oct 2023 18:19

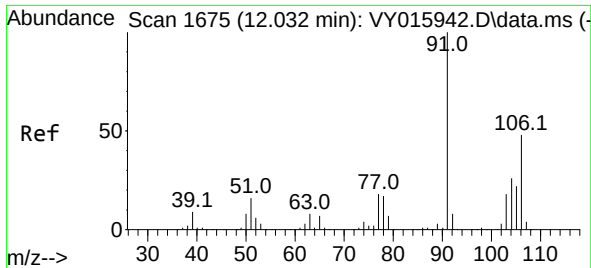
Tgt Ion:106 Resp: 195357

Ion Ratio Lower Upper

106 100

91 200.0 166.1 249.1





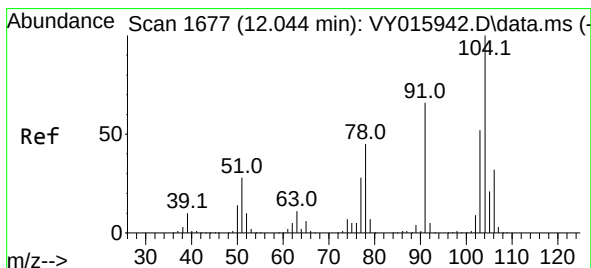
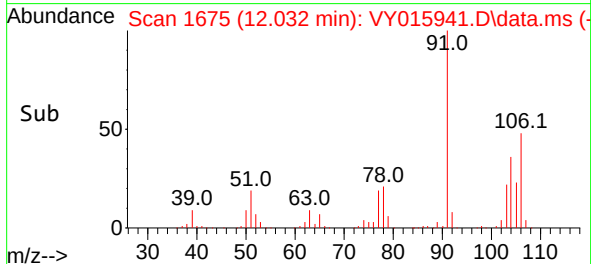
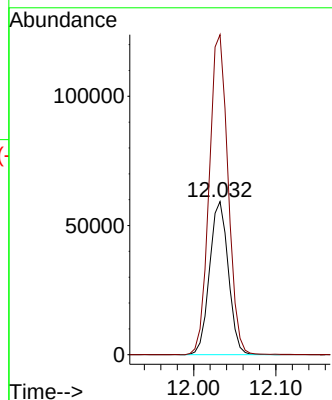
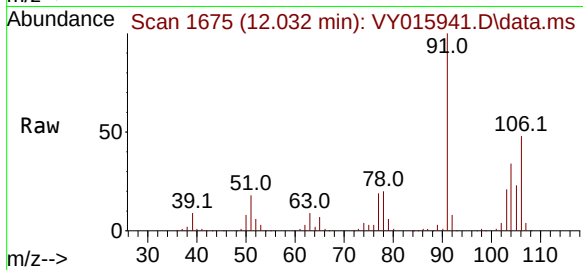
#69
o-Xylene
Concen: 20.303 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. -0.000 min
Lab File: VY015941.D
Acq: 12 Oct 2023 18:19

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tgt Ion:106 Resp: 93872
Ion Ratio Lower Upper
106 100
91 210.1 108.1 324.3

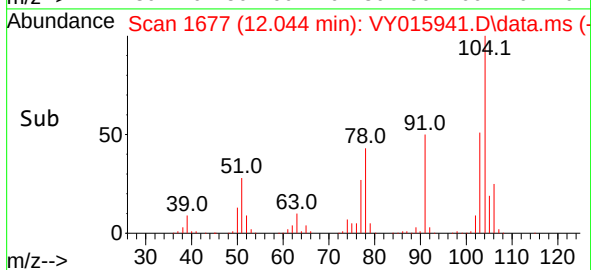
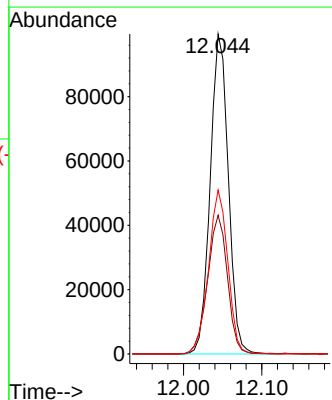
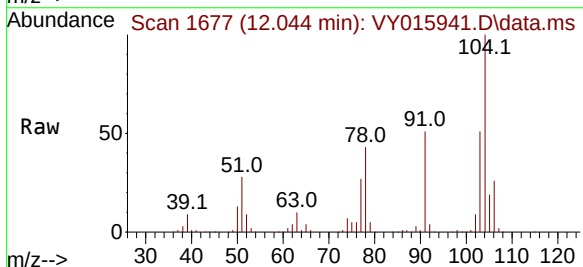
Manual Integrations
APPROVED

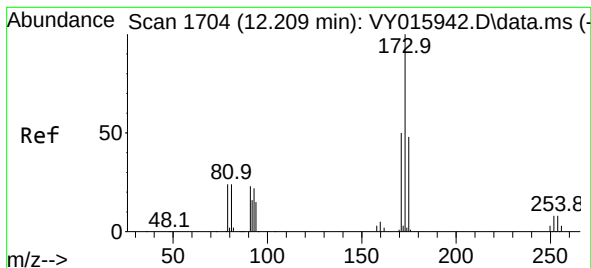
Reviewed By :Mahesh Dadoda 10/13/2023
Supervised By :Semsettin Yesilyurt 10/13/2023



#70
Styrene
Concen: 20.343 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. -0.000 min
Lab File: VY015941.D
Acq: 12 Oct 2023 18:19

Tgt Ion:104 Resp: 160070
Ion Ratio Lower Upper
104 100
78 47.3 41.5 62.3
103 54.5 44.6 67.0





#71

Bromoform

Concen: 20.215 ug/l

RT: 12.209 min Scan# 1704

Delta R.T. -0.000 min

Lab File: VY015941.D

Acq: 12 Oct 2023 18:19

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

Tgt Ion:173 Resp: 45670

Ion Ratio Lower Upper

173 100

175 48.2 24.6 73.8

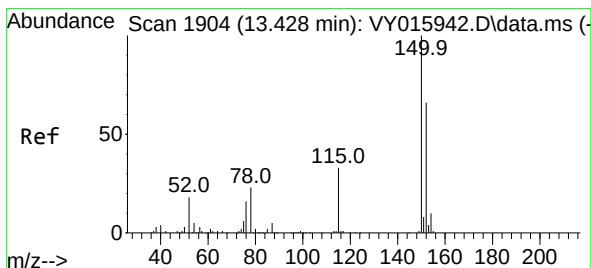
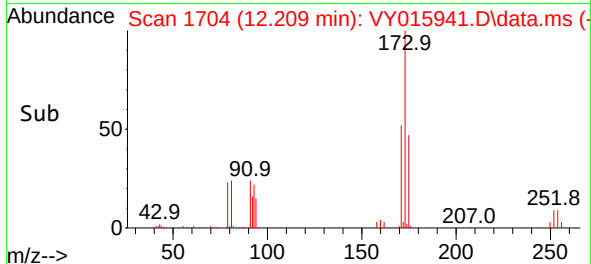
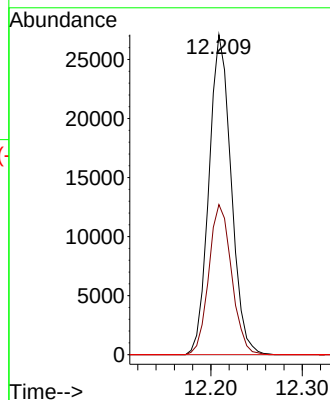
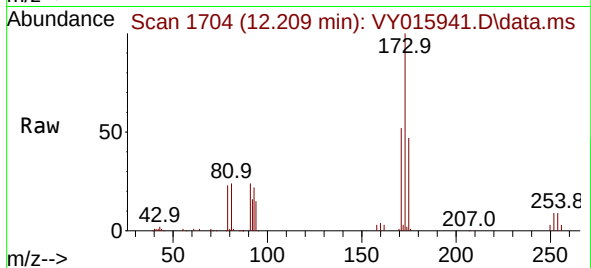
254 0.0 0.2 0.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/13/2023

Supervised By :Semsettin Yesilyurt 10/13/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VY015941.D

Acq: 12 Oct 2023 18:19

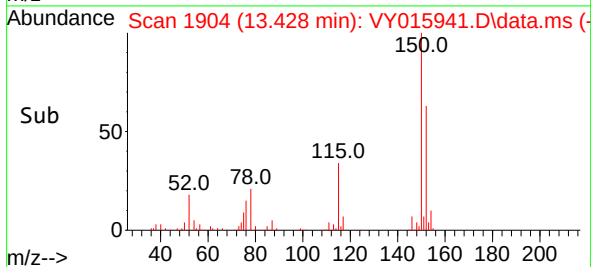
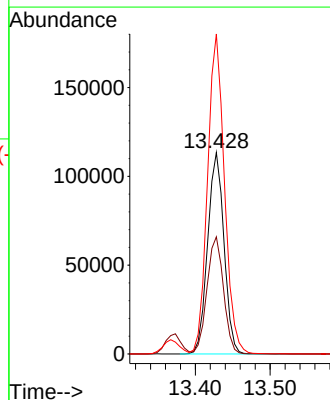
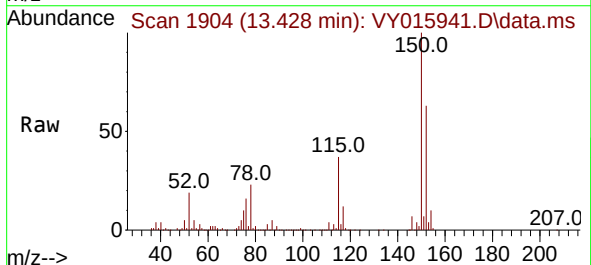
Tgt Ion:152 Resp: 172313

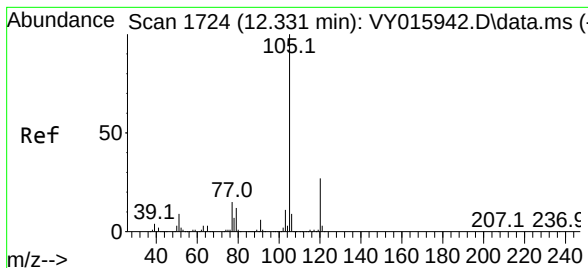
Ion Ratio Lower Upper

152 100

115 58.4 28.8 86.5

150 164.6 0.0 348.8





#73

Isopropylbenzene

Concen: 20.152 ug/l

RT: 12.331 min Scan# 1724

Delta R.T. -0.000 min

Lab File: VY015941.D

Acq: 12 Oct 2023 18:19

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

Tgt Ion:105 Resp: 245820

Ion Ratio Lower Upper

105 100

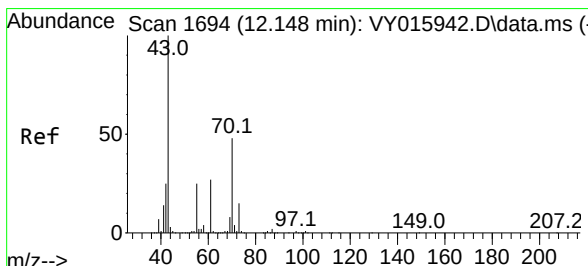
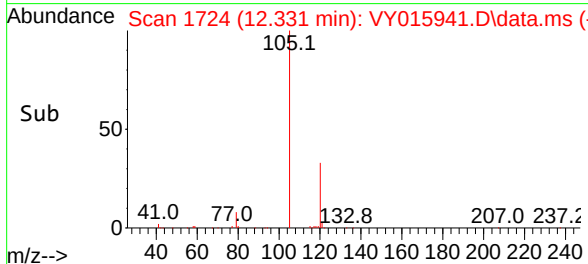
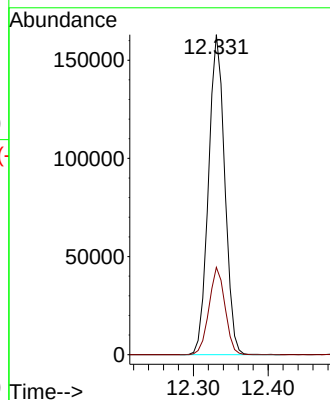
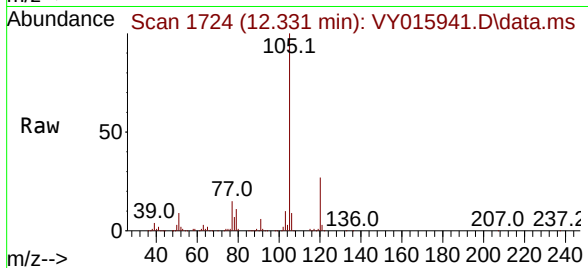
120 26.9 13.3 39.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/13/2023

Supervised By :Semsettin Yesilyurt 10/13/2023



#74

N-ethyl acetate

Concen: 20.893 ug/l

RT: 12.148 min Scan# 1694

Delta R.T. -0.000 min

Lab File: VY015941.D

Acq: 12 Oct 2023 18:19

Tgt Ion: 43 Resp: 102960

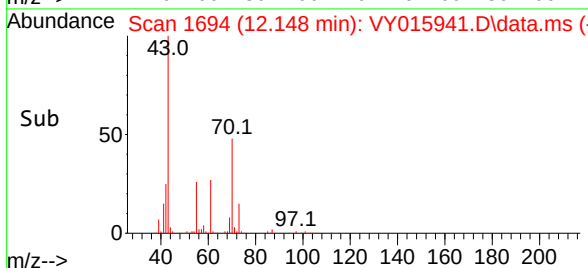
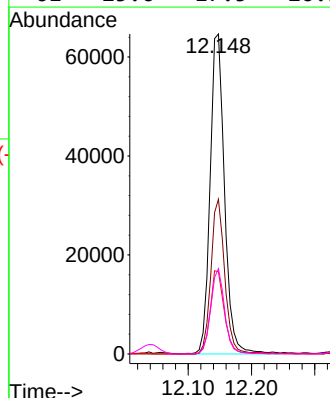
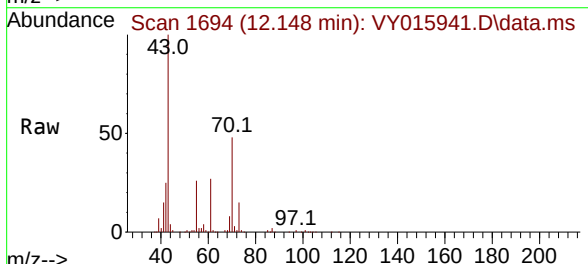
Ion Ratio Lower Upper

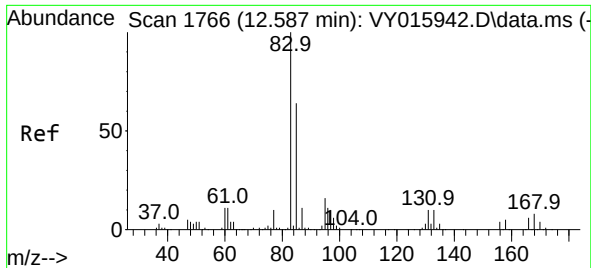
43 100

70 46.4 29.7 44.5

55 25.9 18.3 27.5

61 25.6 17.5 26.3





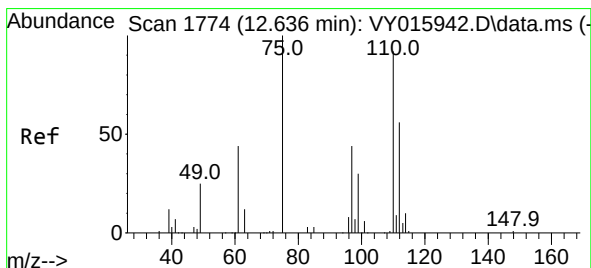
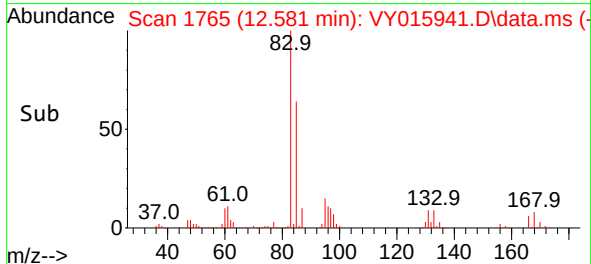
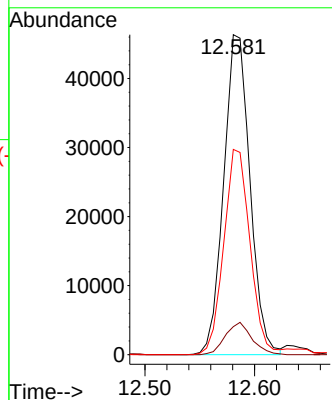
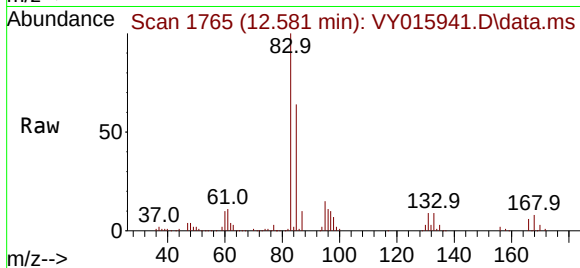
#75
1,1,2,2-Tetrachloroethane
Concen: 20.623 ug/l
RT: 12.581 min Scan# 1765
Delta R.T. -0.006 min
Lab File: VY015941.D
Acq: 12 Oct 2023 18:19

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion: 83 Resp: 77269
Ion Ratio Lower Upper
83 100
131 10.2 5.4 16.2
85 64.0 31.8 95.4

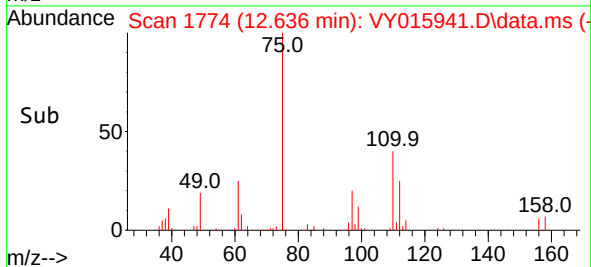
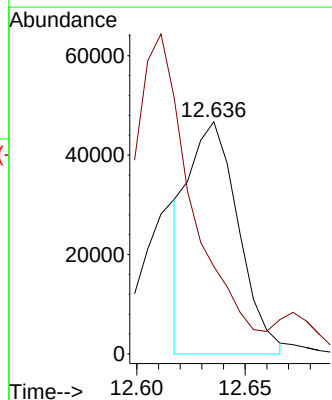
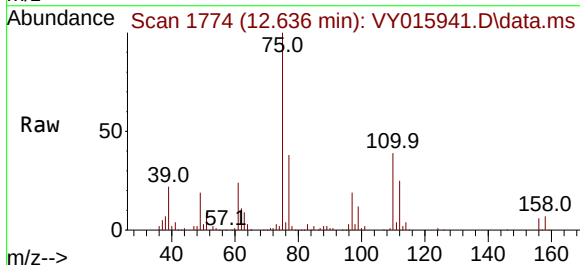
Manual Integrations
APPROVED

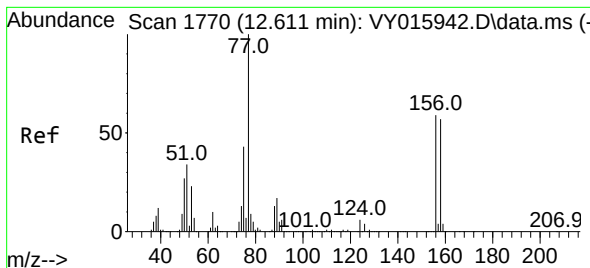
Reviewed By :Mahesh Dadoda 10/13/2023
Supervised By :Semsettin Yesilyurt 10/13/2023



#76
1,2,3-Trichloropropane
Concen: 23.682 ug/l m
RT: 12.636 min Scan# 1774
Delta R.T. -0.000 min
Lab File: VY015941.D
Acq: 12 Oct 2023 18:19

Tgt Ion: 75 Resp: 74929
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 19.815 ug/l

RT: 12.611 min Scan# 1770

Delta R.T. -0.000 min

Lab File: VY015941.D

Acq: 12 Oct 2023 18:19

Instrument :

MSVOA_Y

ClientSampleId :

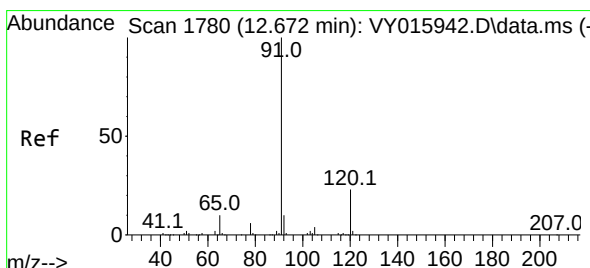
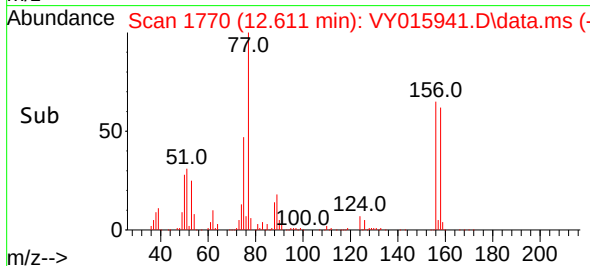
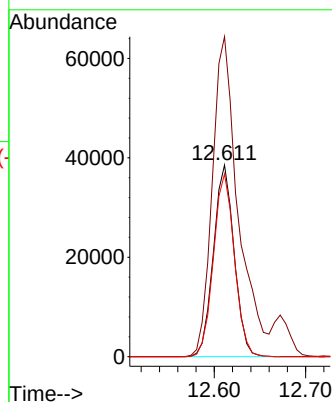
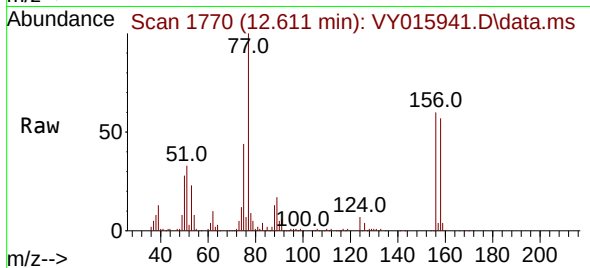
VSTDICC020

Tgt Ion:	156	Resp:	60680
Ion Ratio	Lower	Upper	
156	100		
77	208.4	92.8	278.6
158	96.3	48.4	145.3

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/13/2023
Supervised By :Semsettin Yesilyurt 10/13/2023



#78

n-propylbenzene

Concen: 20.060 ug/l

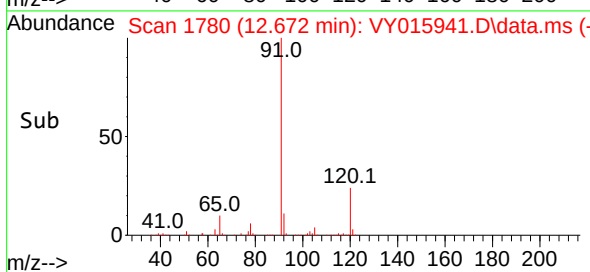
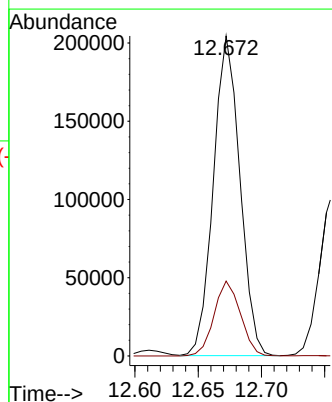
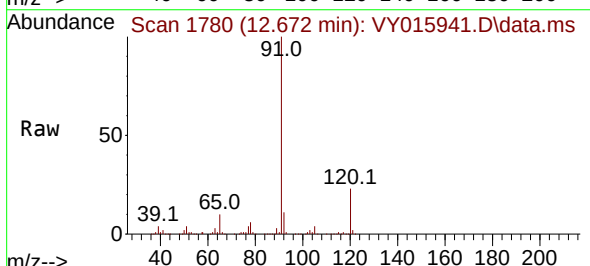
RT: 12.672 min Scan# 1780

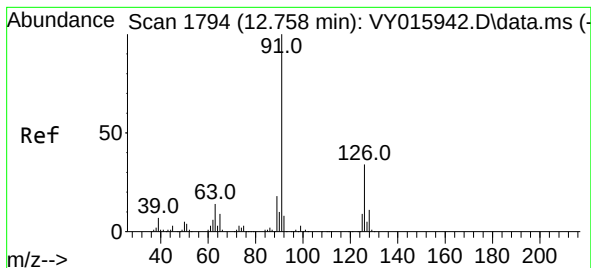
Delta R.T. -0.000 min

Lab File: VY015941.D

Acq: 12 Oct 2023 18:19

Tgt Ion:	91	Resp:	297555
Ion Ratio	Lower	Upper	
91	100		
120	23.2	11.5	34.4





#79

2-Chlorotoluene

Concen: 20.027 ug/l

RT: 12.757 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY015941.D

Acq: 12 Oct 2023 18:19

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

Tgt Ion: 91 Resp: 16802

Ion Ratio Lower Upper

91 100

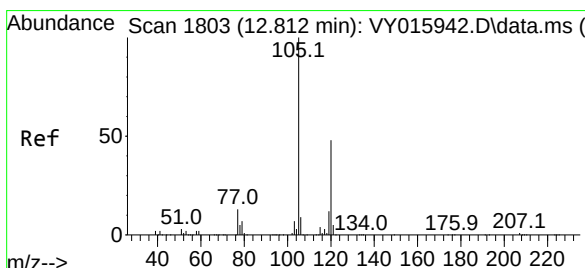
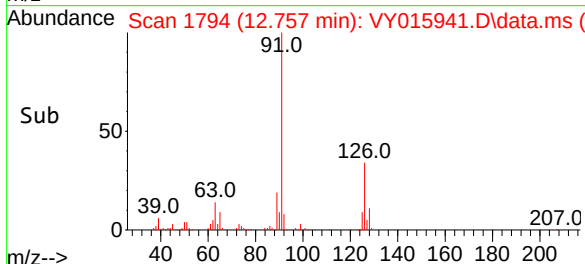
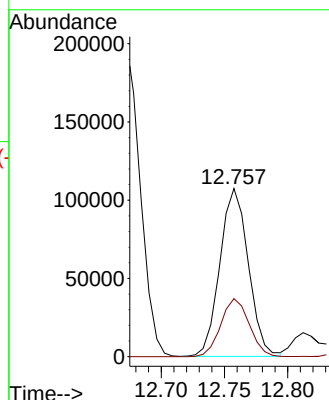
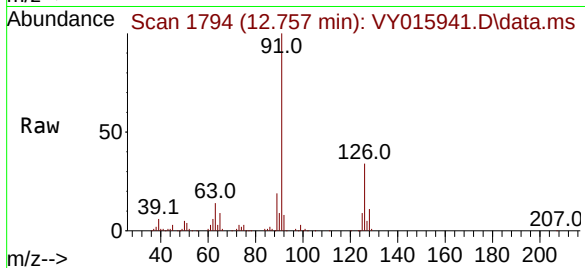
126 34.5 17.3 51.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/13/2023

Supervised By :Semsettin Yesilyurt 10/13/2023



#80

1,3,5-Trimethylbenzene

Concen: 20.092 ug/l

RT: 12.812 min Scan# 1803

Delta R.T. -0.000 min

Lab File: VY015941.D

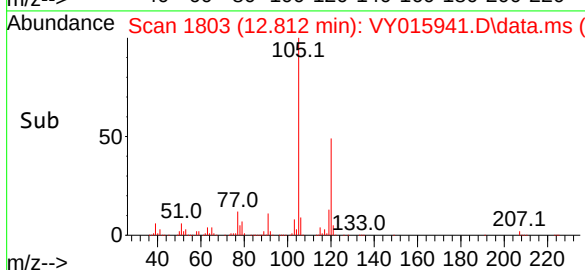
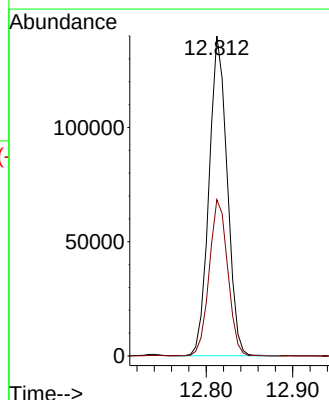
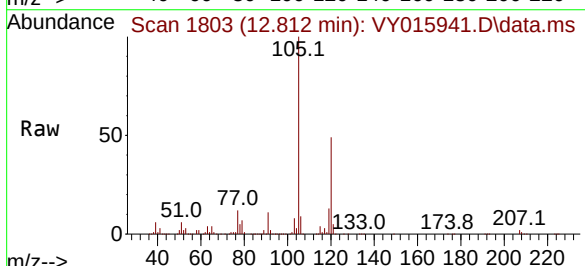
Acq: 12 Oct 2023 18:19

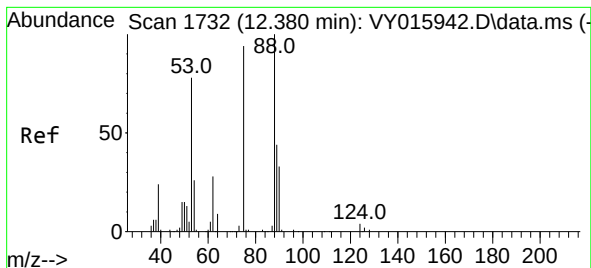
Tgt Ion:105 Resp: 203621

Ion Ratio Lower Upper

105 100

120 49.9 23.9 71.7





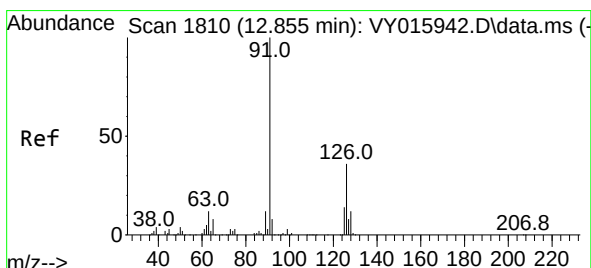
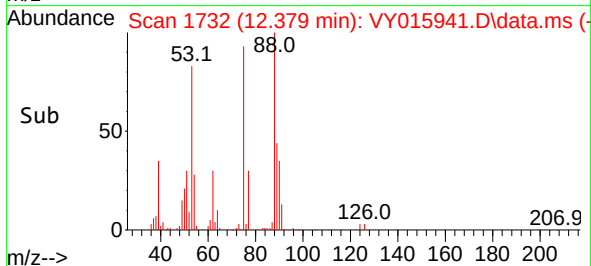
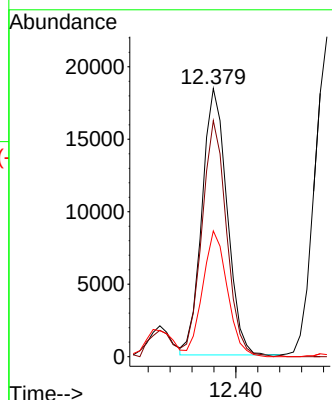
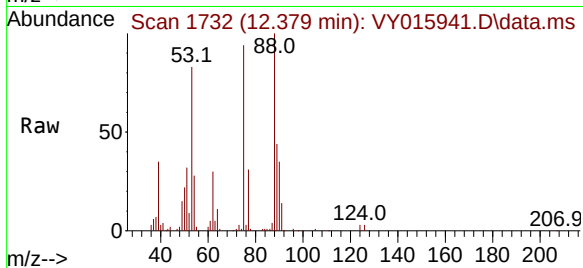
#81
trans-1,4-Dichloro-2-butene
Concen: 20.425 ug/l
RT: 12.379 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VY015941.D
Acq: 12 Oct 2023 18:19

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tgt Ion: 75 Resp: 29239
Ion Ratio Lower Upper
75 100
53 87.0 77.8 116.8
89 46.2 37.4 56.0

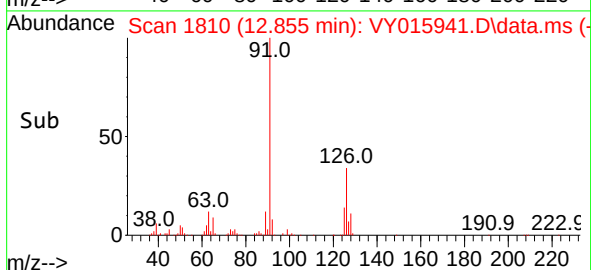
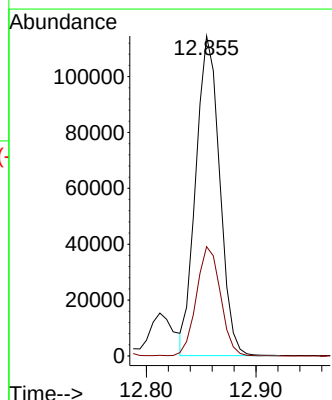
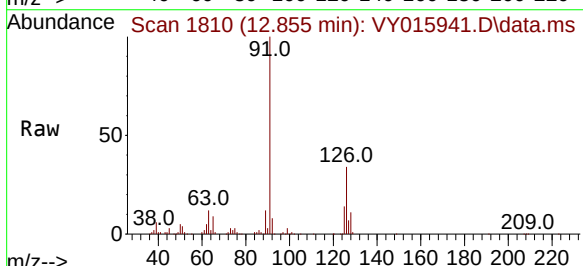
Manual Integrations
APPROVED

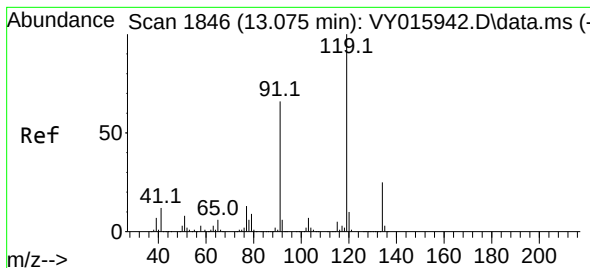
Reviewed By :Mahesh Dadoda 10/13/2023
Supervised By :Semsettin Yesilyurt 10/13/2023



#82
4-Chlorotoluene
Concen: 20.043 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VY015941.D
Acq: 12 Oct 2023 18:19

Tgt Ion: 91 Resp: 172826
Ion Ratio Lower Upper
91 100
126 34.6 17.2 51.6





#83

tert-Butylbenzene

Concen: 20.250 ug/l

RT: 13.074 min Scan# 1846

Delta R.T. -0.000 min

Lab File: VY015941.D

Acq: 12 Oct 2023 18:19

Instrument :

MSVOA_Y

ClientSampleId :

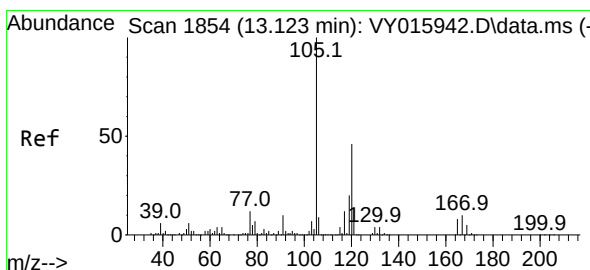
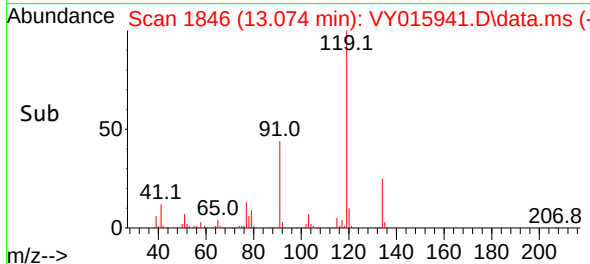
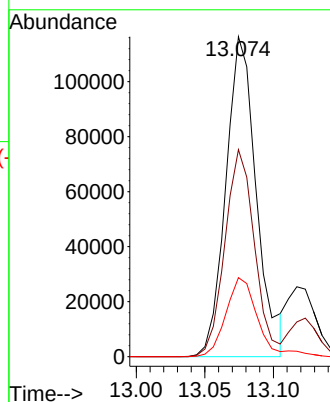
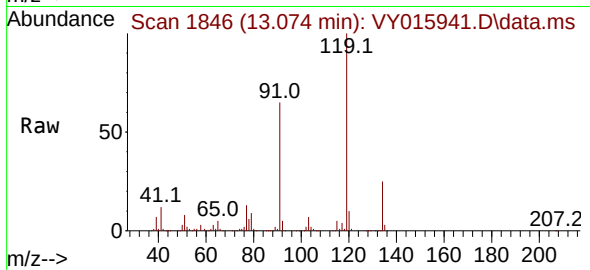
VSTDICC020

Tgt Ion:	119	Resp:	180328
Ion Ratio	Lower	Upper	
119	100		
91	62.9	32.9	98.6
134	25.9	13.0	38.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/13/2023
Supervised By :Semsettin Yesilyurt 10/13/2023



#84

1,2,4-Trimethylbenzene

Concen: 20.079 ug/l

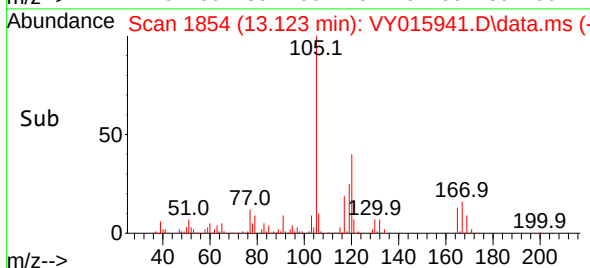
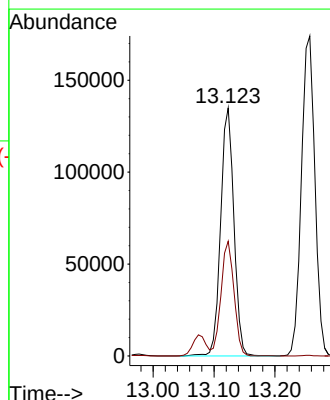
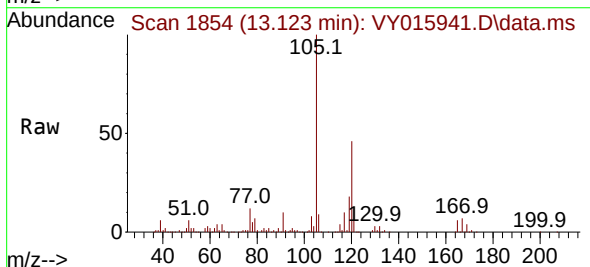
RT: 13.123 min Scan# 1854

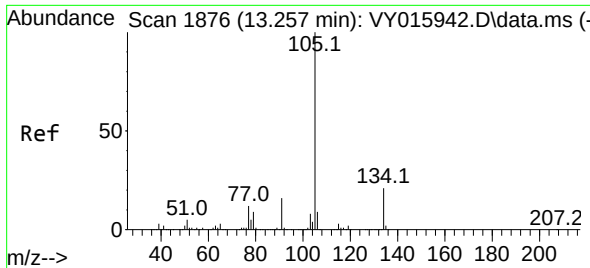
Delta R.T. -0.000 min

Lab File: VY015941.D

Acq: 12 Oct 2023 18:19

Tgt Ion:	105	Resp:	204263
Ion Ratio	Lower	Upper	
105	100		
120	45.4	22.2	66.6





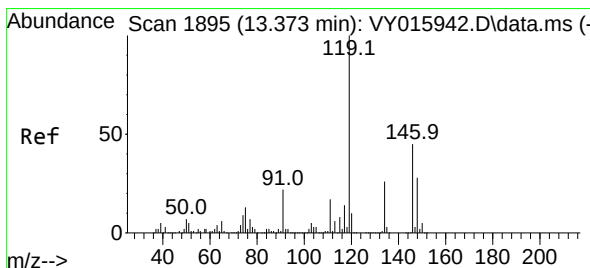
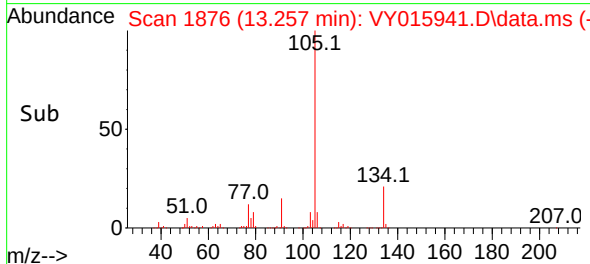
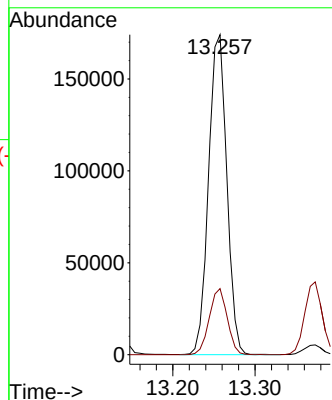
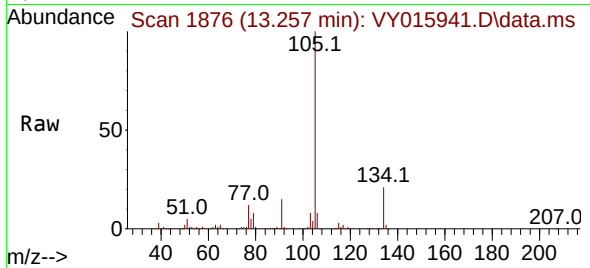
#85
 sec-Butylbenzene
 Concen: 20.263 ug/l
 RT: 13.257 min Scan# 1876
 Delta R.T. -0.000 min
 Lab File: VY015941.D
 Acq: 12 Oct 2023 18:19

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020

Tgt Ion:105 Resp: 267798
 Ion Ratio Lower Upper
 105 100
 134 20.3 10.2 30.6

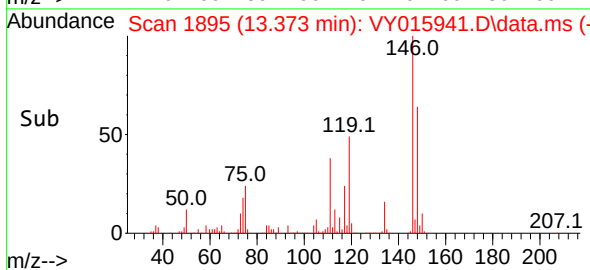
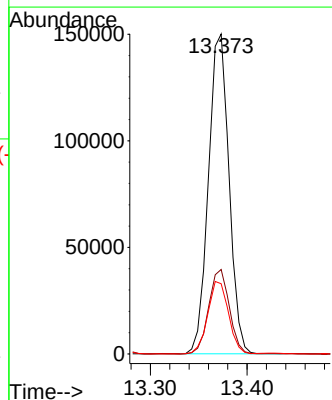
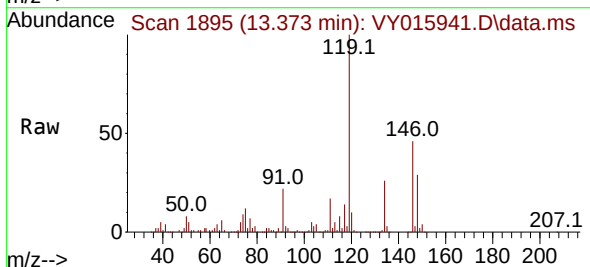
Manual Integrations
 APPROVED

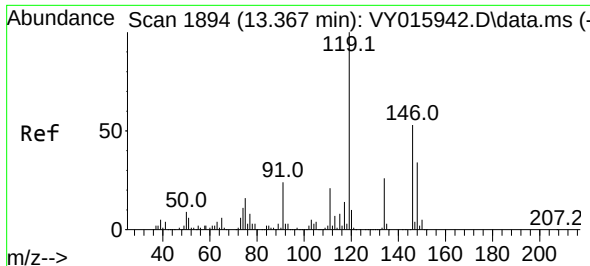
Reviewed By :Mahesh Dadoda 10/13/2023
 Supervised By :Semsettin Yesilyurt 10/13/2023



#86
 p-Isopropyltoluene
 Concen: 20.061 ug/l
 RT: 13.373 min Scan# 1895
 Delta R.T. -0.000 min
 Lab File: VY015941.D
 Acq: 12 Oct 2023 18:19

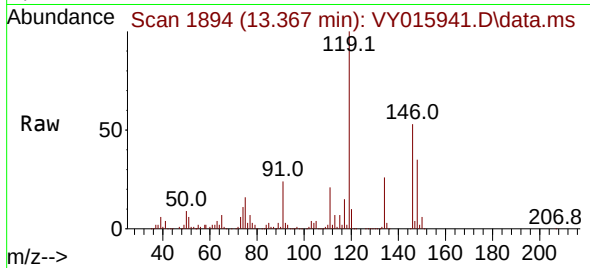
Tgt Ion:119 Resp: 221551
 Ion Ratio Lower Upper
 119 100
 134 26.5 13.3 39.8
 91 23.0 12.4 37.4





#87
1,3-Dichlorobenzene
Concen: 20.008 ug/l
RT: 13.367 min Scan# 11766
Delta R.T. -0.000 min
Lab File: VY015941.D
Acq: 12 Oct 2023 18:19

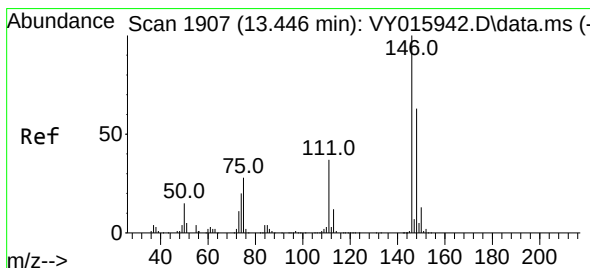
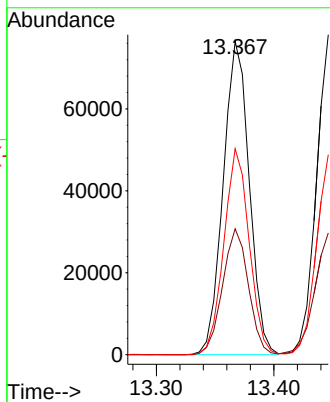
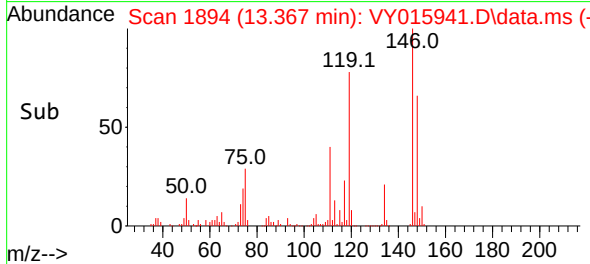
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020



Tgt Ion:146 Resp: 11766
Ion Ratio Lower Upper
146 100
111 39.8 19.4 58.2
148 63.8 31.9 95.5

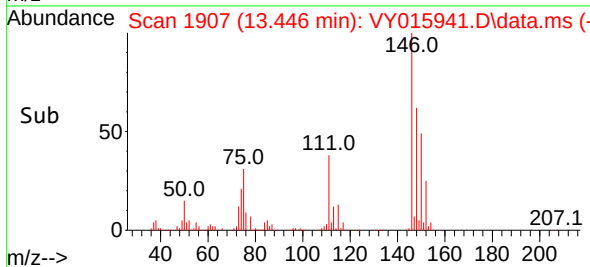
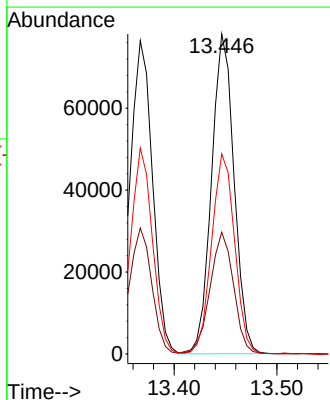
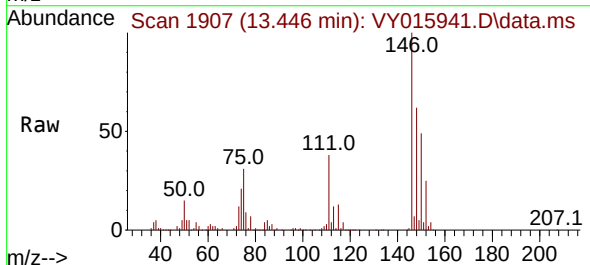
Manual Integrations
APPROVED

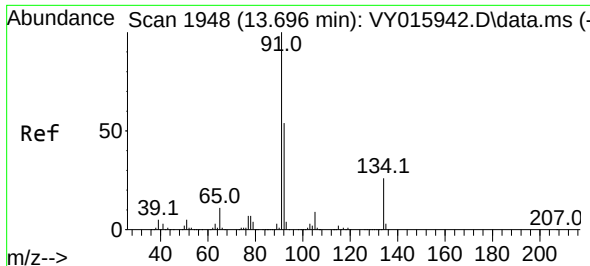
Reviewed By :Mahesh Dadoda 10/13/2023
Supervised By :Semsettin Yesilyurt 10/13/2023



#88
1,4-Dichlorobenzene
Concen: 20.013 ug/l
RT: 13.446 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VY015941.D
Acq: 12 Oct 2023 18:19

Tgt Ion:146 Resp: 118847
Ion Ratio Lower Upper
146 100
111 39.6 18.9 56.7
148 64.0 32.1 96.5





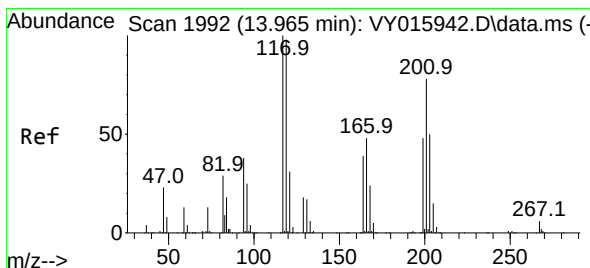
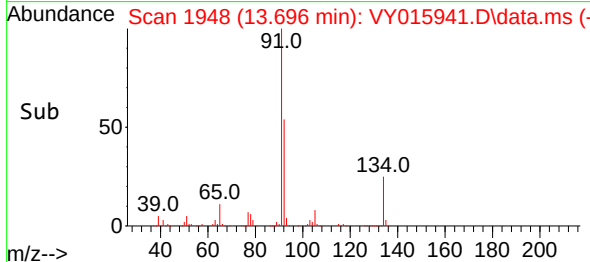
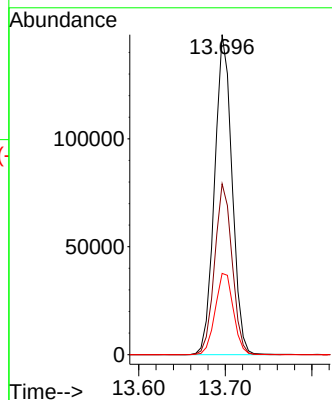
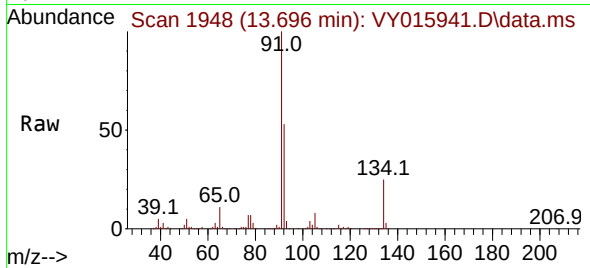
#89
n-Butylbenzene
Concen: 20.019 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. -0.000 min
Lab File: VY015941.D
Acq: 12 Oct 2023 18:19

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tgt Ion: 91 Resp: 20790
Ion Ratio Lower Upper
91 100
92 53.3 25.4 76.0
134 26.5 12.6 37.6

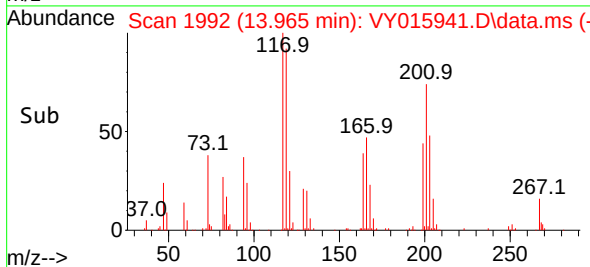
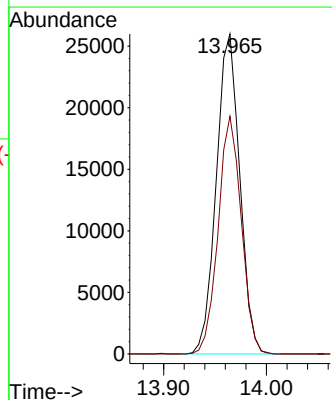
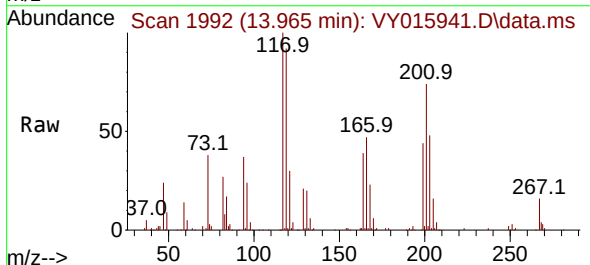
Manual Integrations
APPROVED

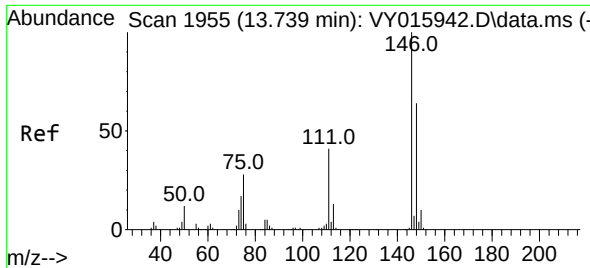
Reviewed By :Mahesh Dadoda 10/13/2023
Supervised By :Semsettin Yesilyurt 10/13/2023



#90
Hexachloroethane
Concen: 19.426 ug/l
RT: 13.965 min Scan# 1992
Delta R.T. -0.000 min
Lab File: VY015941.D
Acq: 12 Oct 2023 18:19

Tgt Ion:117 Resp: 41120
Ion Ratio Lower Upper
117 100
201 73.4 41.6 124.8





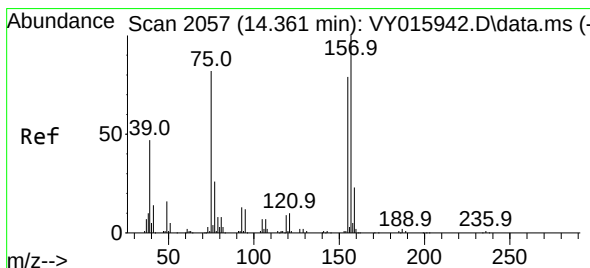
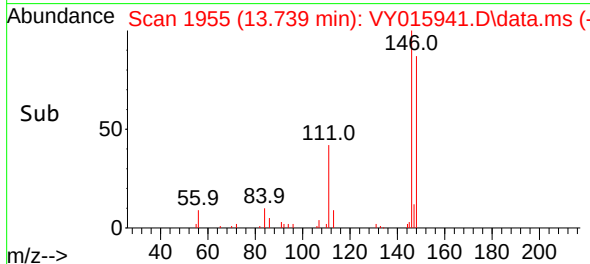
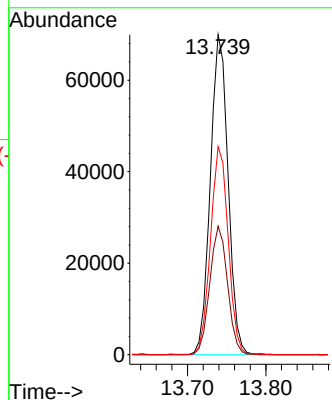
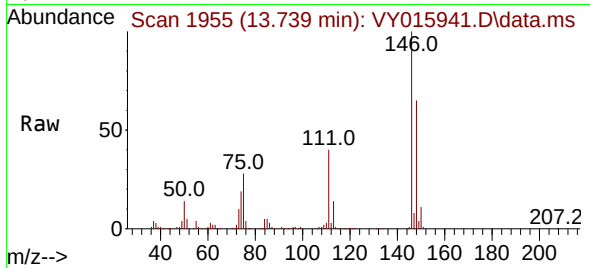
#91
1,2-Dichlorobenzene
Concen: 19.925 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. -0.000 min
Lab File: VY015941.D
Acq: 12 Oct 2023 18:19

Instrument : MSVOA_Y
ClientSampleId : VSTDIC020

Tgt Ion:146 Resp: 109938
Ion Ratio Lower Upper
146 100
111 40.2 19.7 59.0
148 64.9 32.0 96.2

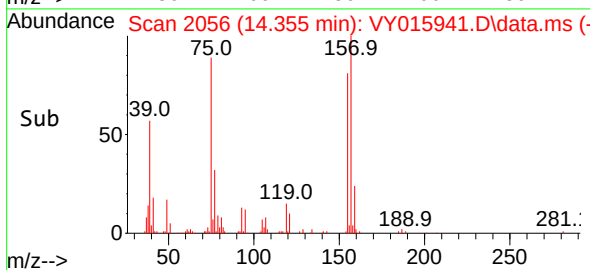
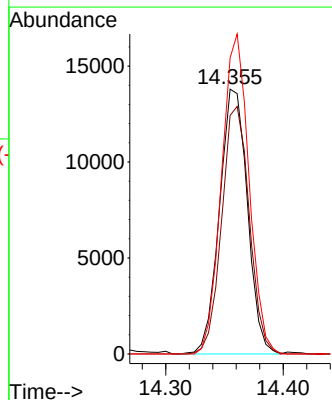
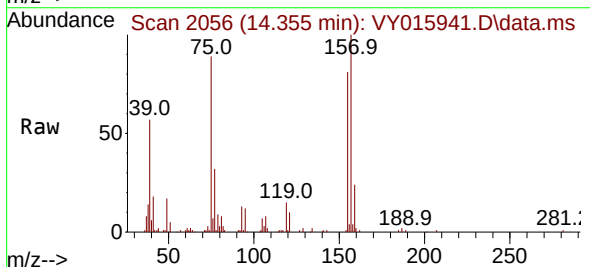
Manual Integrations
APPROVED

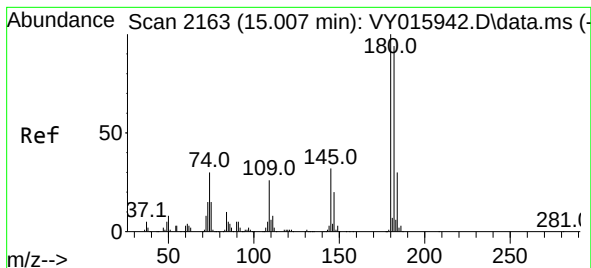
Reviewed By :Mahesh Dadoda 10/13/2023
Supervised By :Semsettin Yesilyurt 10/13/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 21.255 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. -0.006 min
Lab File: VY015941.D
Acq: 12 Oct 2023 18:19

Tgt Ion: 75 Resp: 22782
Ion Ratio Lower Upper
75 100
155 92.3 41.5 124.6
157 118.4 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 19.750 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. -0.000 min

Lab File: VY015941.D

Acq: 12 Oct 2023 18:19

Instrument :

MSVOA_Y

ClientSampleId :

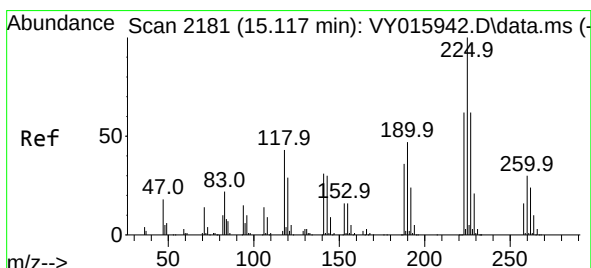
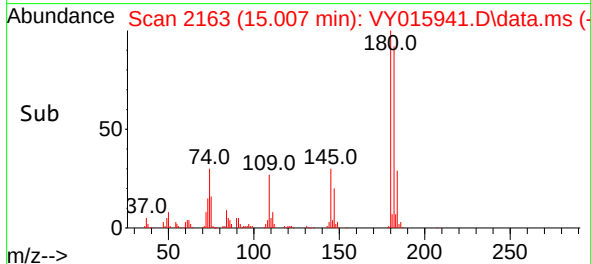
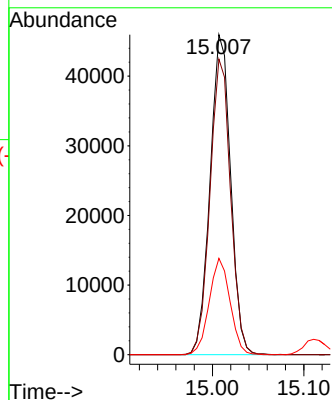
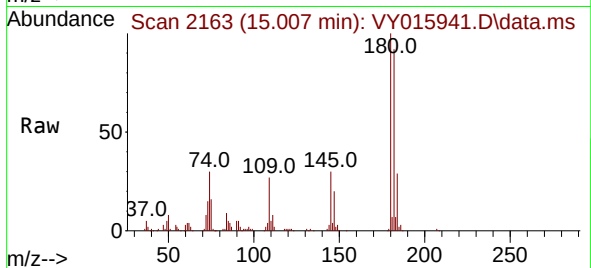
VSTDIC020

Tgt Ion:180	Resp:	7162
Ion Ratio	Lower	Upper
180	100	
182	93.0	47.0 141.2
145	30.5	14.5 43.5

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/13/2023
Supervised By :Semsettin Yesilyurt 10/13/2023



#94

Hexachlorobutadiene

Concen: 20.041 ug/l

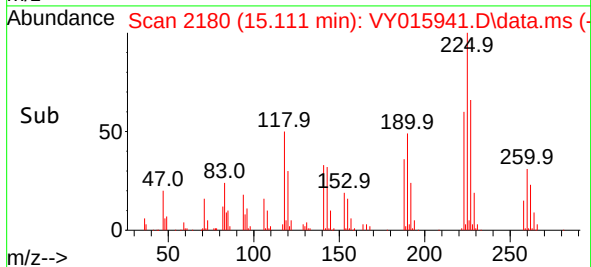
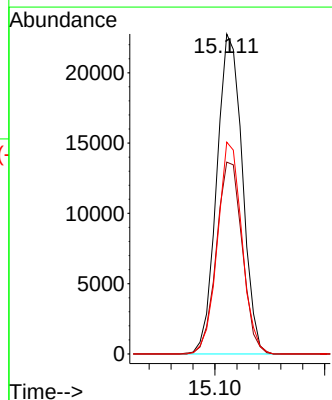
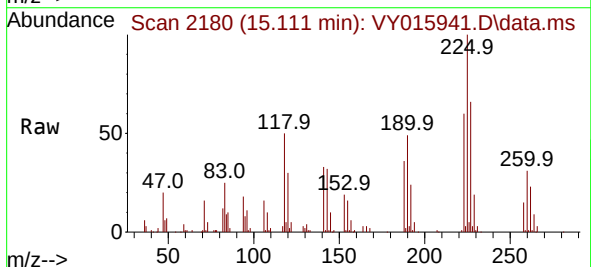
RT: 15.111 min Scan# 2180

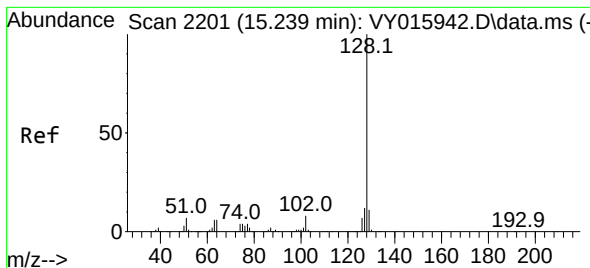
Delta R.T. -0.006 min

Lab File: VY015941.D

Acq: 12 Oct 2023 18:19

Tgt Ion:225	Resp:	36904
Ion Ratio	Lower	Upper
225	100	
223	60.6	31.9 95.9
227	63.2	33.0 98.9





#95

Naphthalene

Concen: 20.113 ug/l

RT: 15.239 min Scan# 2201

Delta R.T. -0.000 min

Lab File: VY015941.D

Acq: 12 Oct 2023 18:19

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

Tgt Ion:128 Resp: 236638

Ion Ratio Lower Upper

128 100

127 12.7 10.8 16.2

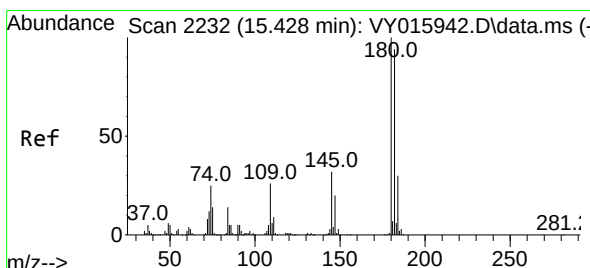
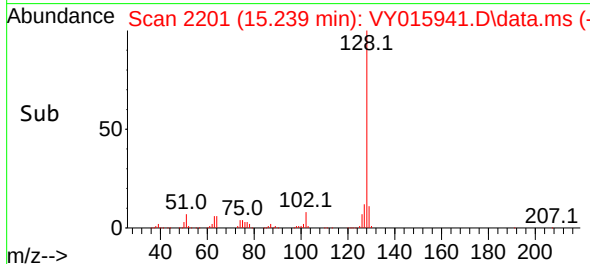
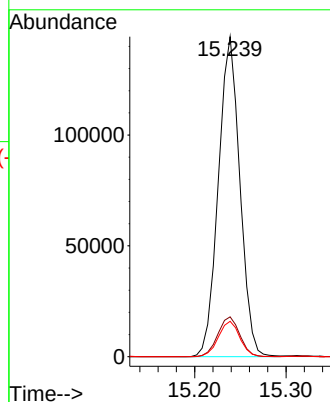
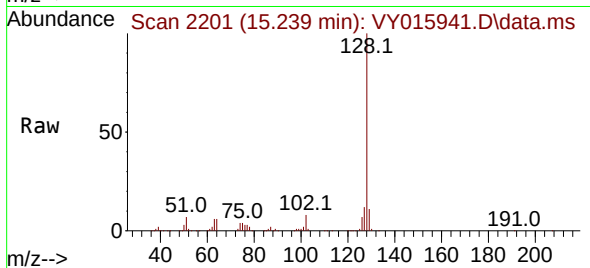
129 11.0 8.6 13.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/13/2023

Supervised By :Semsettin Yesilyurt 10/13/2023



#96

1,2,3-Trichlorobenzene

Concen: 19.794 ug/l

RT: 15.428 min Scan# 2232

Delta R.T. -0.000 min

Lab File: VY015941.D

Acq: 12 Oct 2023 18:19

Tgt Ion:180 Resp: 68820

Ion Ratio Lower Upper

180 100

182 93.3 47.3 141.8

145 32.0 15.4 46.2

