

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041924\
 Data File : VY017993.D
 Acq On : 19 Apr 2024 12:59
 Operator : SY/MD
 Sample : VY0419SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0419SBS01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 04/22/2024
 Supervised By :Semsettin Yesilyurt 04/22/2024

Quant Time: Apr 19 23:23:39 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041624S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 17 06:24:42 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	452698	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	699156	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	608518	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	294181	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	191572	48.901	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	97.800%		
35) Dibromofluoromethane	7.722	113	222322	51.543	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	103.080%		
50) Toluene-d8	10.185	98	859343	52.504	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	105.000%		
62) 4-Bromofluorobenzene	12.489	95	264336	52.148	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	104.300%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.906	85	71762	19.982	ug/l	98
3) Chloromethane	2.113	50	91731	15.415	ug/l	98
4) Vinyl Chloride	2.253	62	101864	15.187	ug/l	100
5) Bromomethane	2.650	94	69664	15.604	ug/l	96
6) Chloroethane	2.790	64	62047	14.653	ug/l	98
7) Trichlorofluoromethane	3.125	101	133021	17.597	ug/l	97
8) Diethyl Ether	3.534	74	42850	17.939	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.900	101	83784	17.799	ug/l	95
10) Methyl Iodide	4.095	142	116853	18.659	ug/l	97
11) Tert butyl alcohol	4.954	59	23839	74.765	ug/l #	82
12) 1,1-Dichloroethene	3.875	96	82617	18.079	ug/l	98
13) Acrolein	3.729	56	42611	139.662	ug/l	100
14) Allyl chloride	4.485	41	103514	17.504	ug/l	93
15) Acrylonitrile	5.168	53	85193	87.841	ug/l	99
16) Acetone	3.948	43	58198	75.186	ug/l	92
17) Carbon Disulfide	4.198	76	254205	17.486	ug/l	98
18) Methyl Acetate	4.479	43	33303	16.354	ug/l	98
19) Methyl tert-butyl Ether	5.229	73	174613	17.533	ug/l	98
20) Methylene Chloride	4.723	84	104268	19.883	ug/l	97
21) trans-1,2-Dichloroethene	5.222	96	91325	18.243	ug/l	99
22) Diisopropyl ether	6.125	45	235035	18.129	ug/l	97
23) Vinyl Acetate	6.064	43	678707	88.283	ug/l	99
24) 1,1-Dichloroethane	6.021	63	150433	17.771	ug/l	100
25) 2-Butanone	6.990	43	96983	85.240	ug/l	98
26) 2,2-Dichloropropane	6.984	77	120749	17.780	ug/l	97
27) cis-1,2-Dichloroethene	6.990	96	103291	18.066	ug/l	99
28) Bromochloromethane	7.338	49	63821	19.167	ug/l	99
29) Tetrahydrofuran	7.356	42	62236	86.197	ug/l	96
30) Chloroform	7.509	83	152675	17.648	ug/l	100
31) Cyclohexane	7.789	56	132491	17.694	ug/l	96
32) 1,1,1-Trichloroethane	7.704	97	128855	17.883	ug/l	99
36) 1,1-Dichloropropene	7.923	75	113029	18.019	ug/l	98
37) Ethyl Acetate	7.082	43	44016	17.055	ug/l #	97
38) Carbon Tetrachloride	7.905	117	116447	18.374	ug/l	100
39) Methylcyclohexane	9.191	83	143057	17.500	ug/l	96
40) Benzene	8.167	78	361394	18.393	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.314	41	26637m	16.357	ug/l	
42) 1,2-Dichloroethane	8.240	62	80428	17.864	ug/l	99
43) Isopropyl Acetate	8.277	43	84706	17.607	ug/l	98
44) Trichloroethene	8.947	130	92800	18.586	ug/l	97
45) 1,2-Dichloropropane	9.222	63	81235	17.960	ug/l	98
46) Dibromomethane	9.307	93	44310	17.711	ug/l	95
47) Bromodichloromethane	9.502	83	113541	18.089	ug/l	97
48) Methyl methacrylate	9.295	41	37663	17.085	ug/l	97
49) 1,4-Dioxane	9.301	88	10046	351.736	ug/l #	96
51) 4-Methyl-2-Pentanone	10.075	43	223683	87.707	ug/l	99
52) Toluene	10.252	92	223423	18.530	ug/l	100
53) t-1,3-Dichloropropene	10.472	75	102373	17.865	ug/l	95
54) cis-1,3-Dichloropropene	9.935	75	126729	18.003	ug/l	98
55) 1,1,2-Trichloroethane	10.648	97	61701	18.142	ug/l	98
56) Ethyl methacrylate	10.514	69	78319	17.664	ug/l	98
57) 1,3-Dichloropropane	10.795	76	104604	18.164	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.789	63	194735	84.495	ug/l	100
59) 2-Hexanone	10.837	43	152440	87.562	ug/l	97
60) Dibromochloromethane	10.990	129	79707	18.236	ug/l	99
61) 1,2-Dibromoethane	11.093	107	56187	17.727	ug/l	99
64) Tetrachloroethene	10.728	164	80699	18.513	ug/l	99
65) Chlorobenzene	11.520	112	247123	18.530	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.593	131	81515	18.536	ug/l	99
67) Ethyl Benzene	11.599	91	408307	18.183	ug/l	97
68) m/p-Xylenes	11.709	106	319474	37.041	ug/l	99
69) o-Xylene	12.038	106	146578	18.198	ug/l	99
70) Styrene	12.051	104	252338	18.536	ug/l	99
71) Bromoform	12.215	173	45991	18.101	ug/l #	100
73) Isopropylbenzene	12.337	105	383927	17.911	ug/l	98
74) N-amyl acetate	12.148	43	73527	16.992	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.587	83	70056	17.523	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	49109m	17.790	ug/l	
77) Bromobenzene	12.617	156	94318	18.182	ug/l	98
78) n-propylbenzene	12.678	91	467910	17.991	ug/l	98
79) 2-Chlorotoluene	12.764	91	260301	17.881	ug/l	97
80) 1,3,5-Trimethylbenzene	12.819	105	311925	18.352	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.386	75	22434	16.756	ug/l	98
82) 4-Chlorotoluene	12.861	91	270121	17.916	ug/l	98
83) tert-Butylbenzene	13.081	119	282945	18.226	ug/l	97
84) 1,2,4-Trimethylbenzene	13.124	105	308989	18.254	ug/l	99
85) sec-Butylbenzene	13.258	105	418133	17.932	ug/l	99
86) p-Isopropyltoluene	13.373	119	347565	18.140	ug/l	99
87) 1,3-Dichlorobenzene	13.373	146	185301	18.004	ug/l	99
88) 1,4-Dichlorobenzene	13.453	146	182922	18.104	ug/l	99
89) n-Butylbenzene	13.703	91	321204	17.819	ug/l	99
90) Hexachloroethane	13.965	117	69817	17.770	ug/l	94
91) 1,2-Dichlorobenzene	13.745	146	161657	18.205	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	8529	16.586	ug/l	93
93) 1,2,4-Trichlorobenzene	15.013	180	94253	18.227	ug/l	98
94) Hexachlorobutadiene	15.117	225	55793	18.188	ug/l	98
95) Naphthalene	15.239	128	144652	16.976	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	79128	18.237	ug/l	99

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MSVOA_Y
ClientSampleId :
VY0419SBSD01

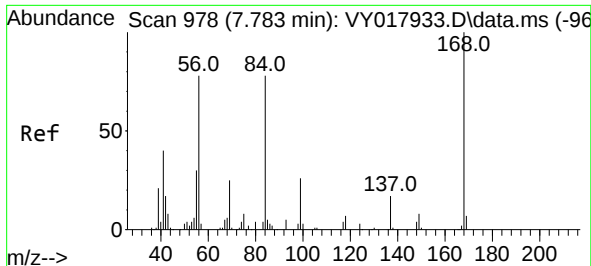
Manual Integrations
APPROVED

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Supervised By :Semsettin Yesilyurt 04/22/2024

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Quant Title : SW846 8260
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Response via : Initial Calibration

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



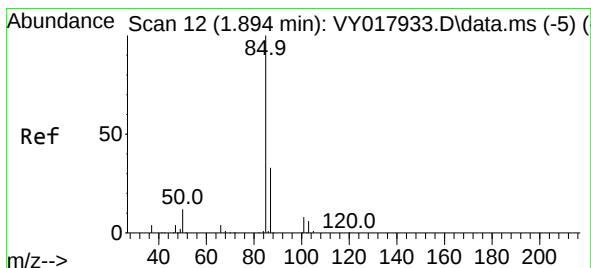
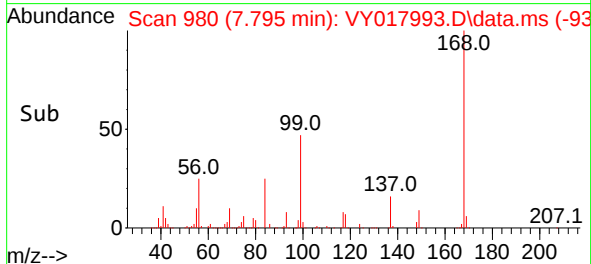
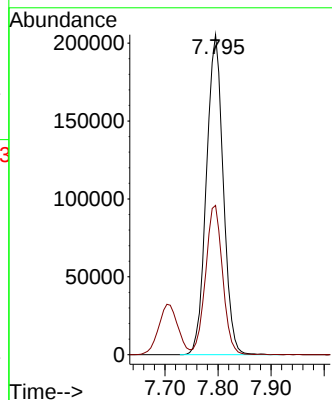
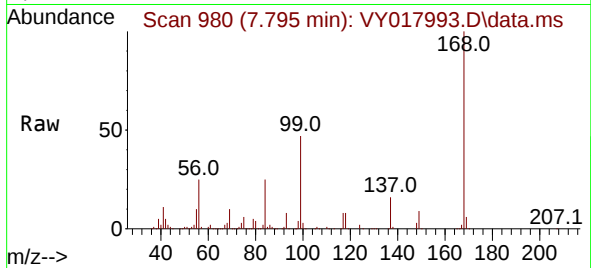
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY017993.D
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MSVOA_Y
ClientSampleId :
VY0419SBSD01

Tgt Ion:168 Resp: 452698
Ion Ratio Lower Upper
168 100
99 46.6 39.1 58.7

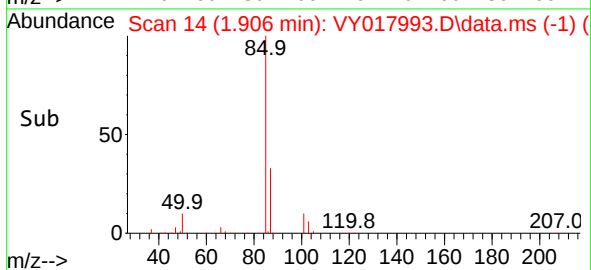
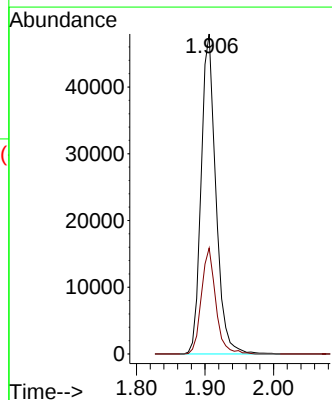
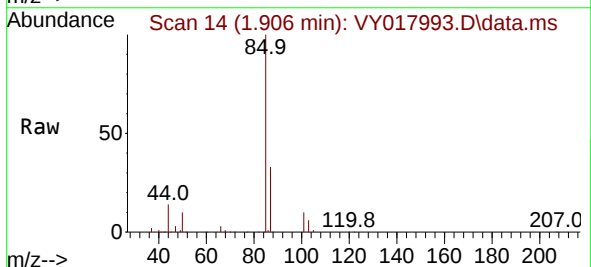
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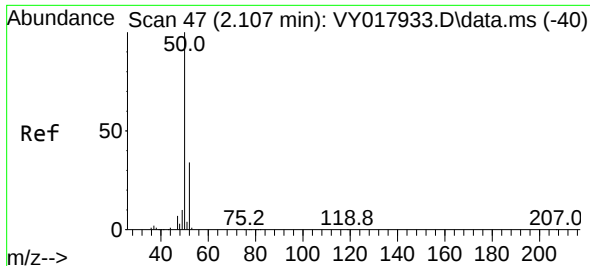
Reviewed By :Mahesh Dadoda 04/22/2024
Supervised By :Semsettin Yesilyurt 04/22/2024



#2
Dichlorodifluoromethane
Concen: 19.982 ug/l
RT: 1.906 min Scan# 14
Delta R.T. 0.006 min
Lab File: VY017993.D
Acq: 19 Apr 2024 12:59

Tgt Ion: 85 Resp: 71762
Ion Ratio Lower Upper
85 100
87 33.1 16.0 48.0





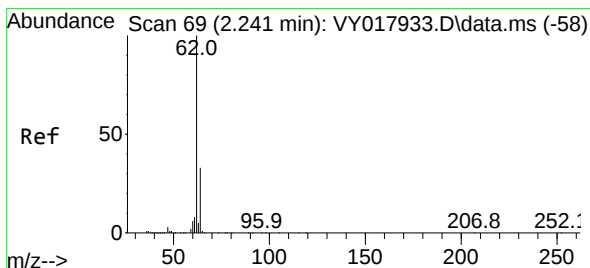
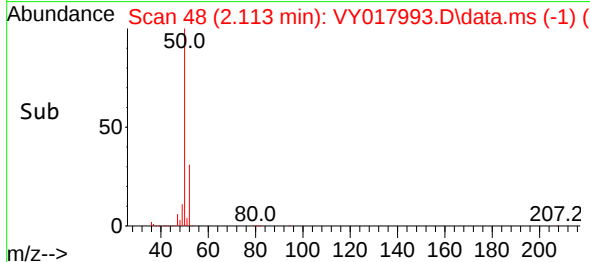
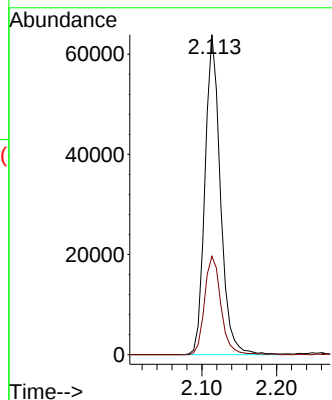
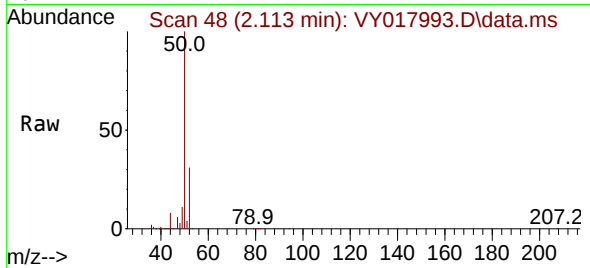
#3
Chloromethane
Concen: 15.415 ug/l
RT: 2.113 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY017993.D
Acq: 19 Apr 2024 12:59

Instrument :
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ClientSampleId :
VY0419SBSD01

Tgt Ion: 50 Resp: 9173
Ion Ratio Lower Upper
50 100
52 30.8 25.6 38.4

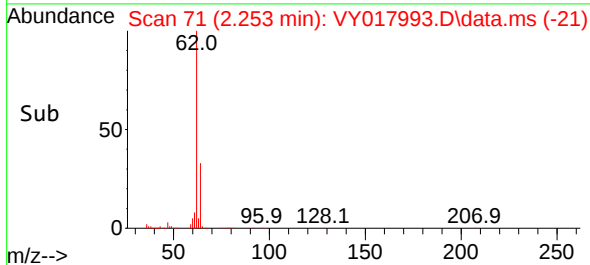
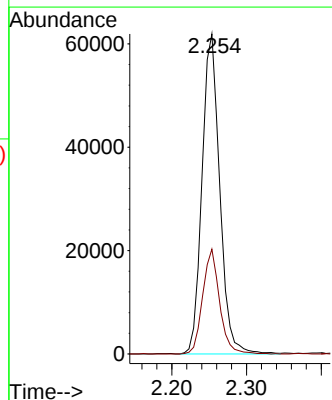
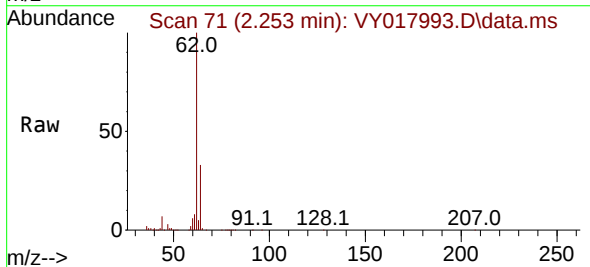
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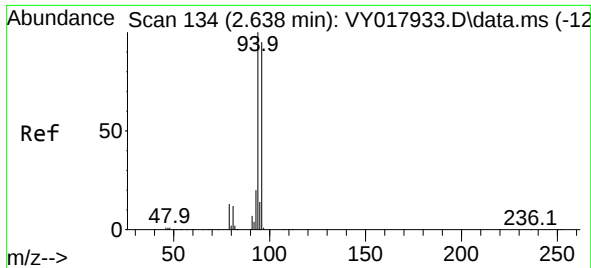
Reviewed By :Mahesh Dadoda 04/22/2024
Supervised By :Semsettin Yesilyurt 04/22/2024



#4
Vinyl Chloride
Concen: 15.187 ug/l
RT: 2.253 min Scan# 71
Delta R.T. 0.006 min
Lab File: VY017993.D
Acq: 19 Apr 2024 12:59

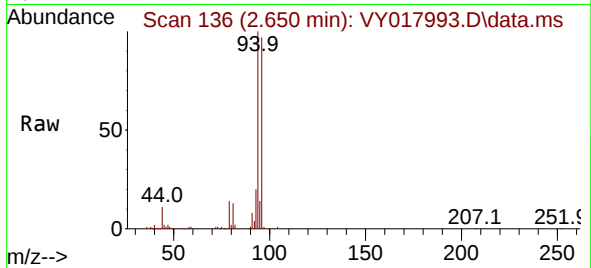
Tgt Ion: 62 Resp: 101864
Ion Ratio Lower Upper
62 100
64 32.8 26.1 39.1





#5
Bromomethane
Concen: 15.604 ug/l
RT: 2.650 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY017993.D
Acq: 19 Apr 2024 12:59

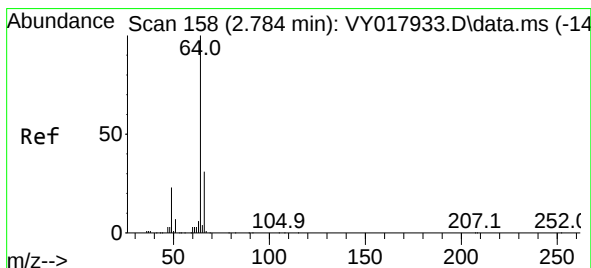
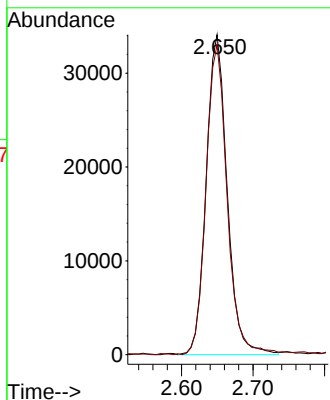
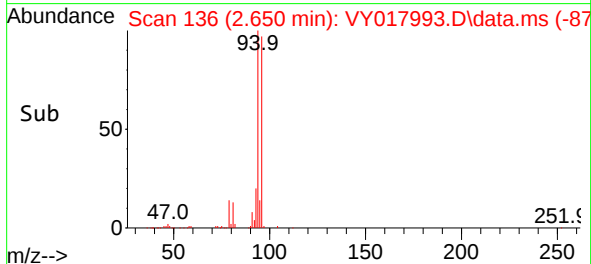
Instrument :
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Tgt Ion: 94 Resp: 69664
Ion Ratio Lower Upper
94 100
96 96.6 74.1 111.1

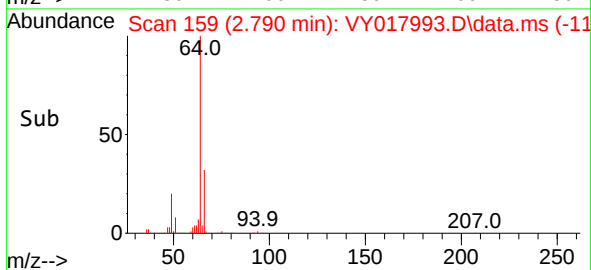
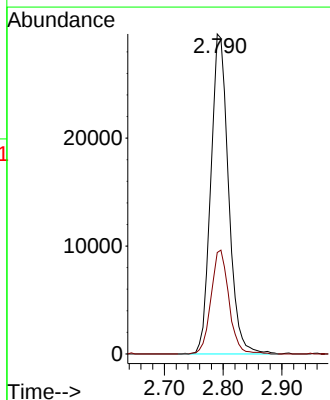
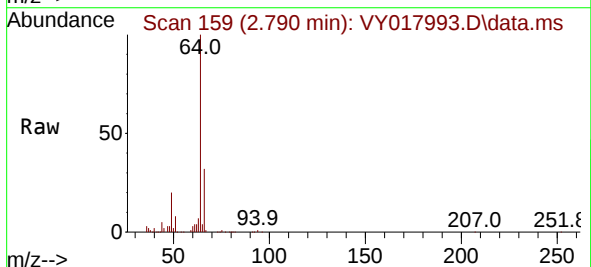
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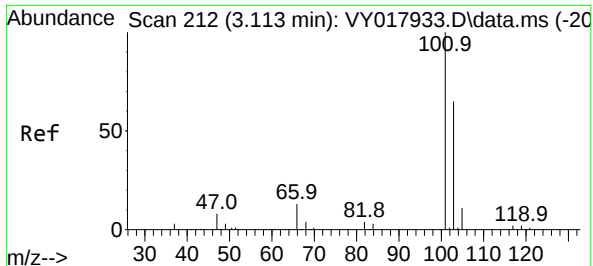
Reviewed By :Mahesh Dadoda 04/22/2024
Supervised By :Semsettin Yesilyurt 04/22/2024



#6
Chloroethane
Concen: 14.653 ug/l
RT: 2.790 min Scan# 159
Delta R.T. 0.000 min
Lab File: VY017993.D
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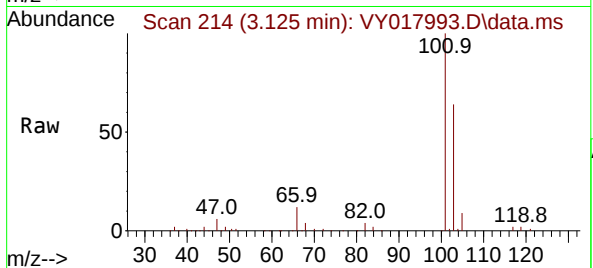
Tgt Ion: 64 Resp: 62047
Ion Ratio Lower Upper
64 100
66 31.7 26.1 39.1





#7
Trichlorofluoromethane
Concen: 17.597 ug/l
RT: 3.125 min Scan# 212
Delta R.T. 0.000 min
Lab File: VY017993.D
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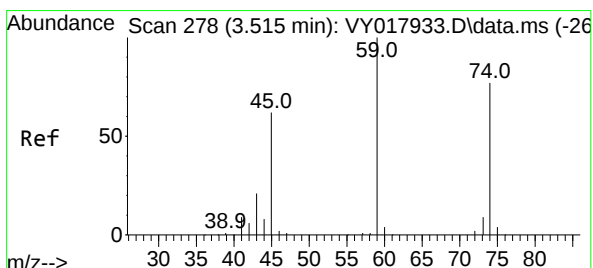
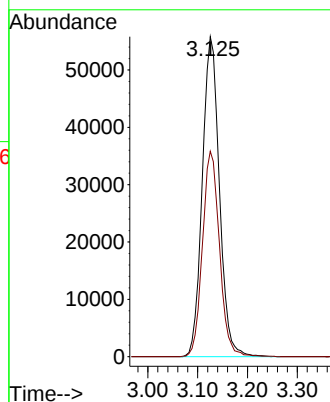
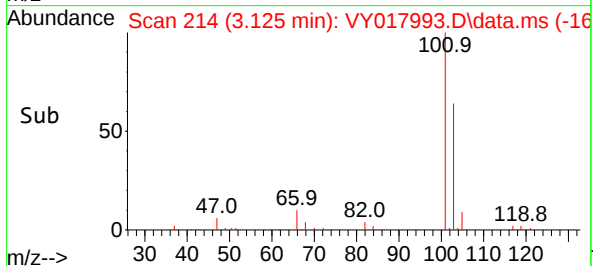
Instrument :
MSVOA_Y
ClientSampleId :
VY0419SBSD01



Tgt Ion:101 Resp: 13302
Ion Ratio Lower Upper
101 100
103 64.2 49.3 73.9

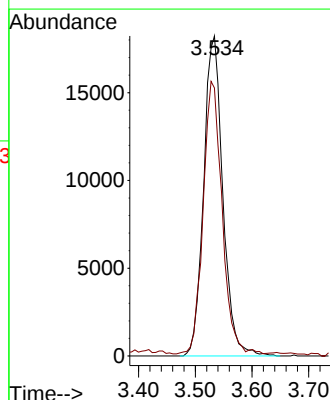
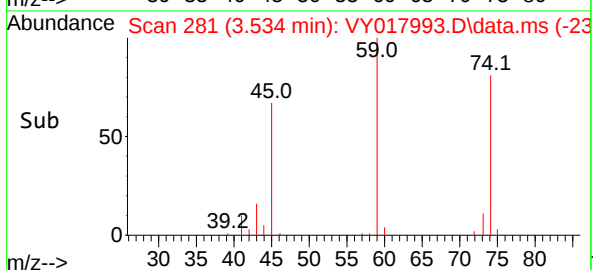
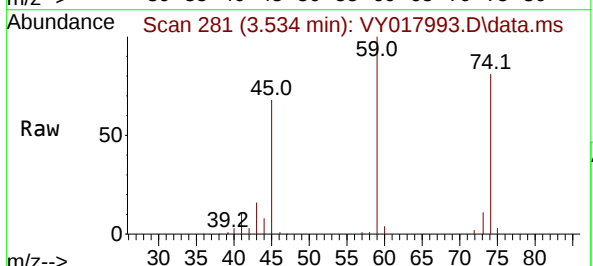
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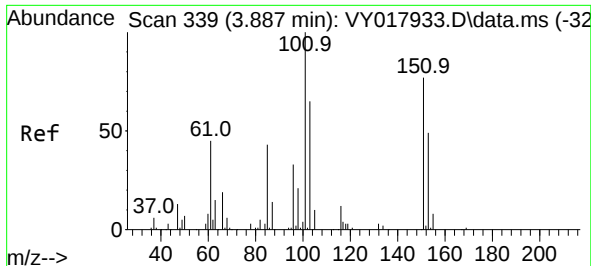
Reviewed By :Mahesh Dadoda 04/22/2024
Supervised By :Semsettin Yesilyurt 04/22/2024



#8
Diethyl Ether
Concen: 17.939 ug/l
RT: 3.534 min Scan# 281
Delta R.T. 0.006 min
Lab File: VY017993.D
Acq: 19 Apr 2024 12:59

Tgt Ion: 74 Resp: 42850
Ion Ratio Lower Upper
74 100
45 84.1 41.3 124.1





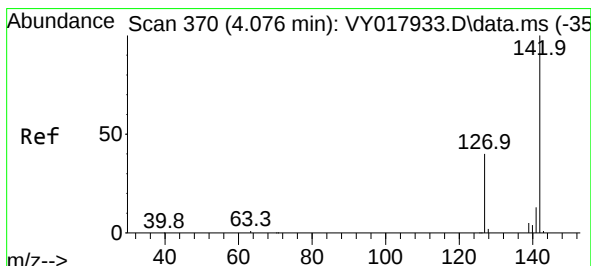
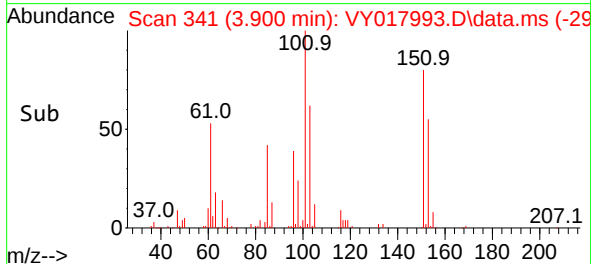
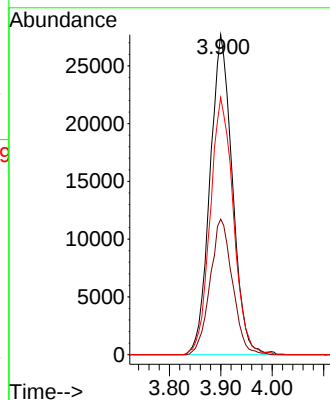
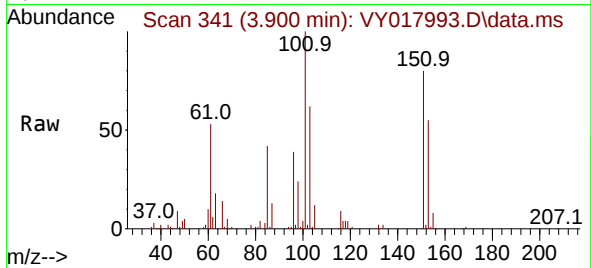
#9
1,1,2-Trichlorotrifluoroethane
Concen: 17.799 ug/l
RT: 3.900 min Scan# 341
Delta R.T. 0.000 min
Lab File: VY017993.D
Acq: 19 Apr 2024 12:59

Instrument :
MSVOA_Y
ClientSampleId :
VY0419SBS01

Tgt Ion:101 Resp: 83784
Ion Ratio Lower Upper
101 100
85 42.2 34.5 51.7
151 83.2 61.7 92.5

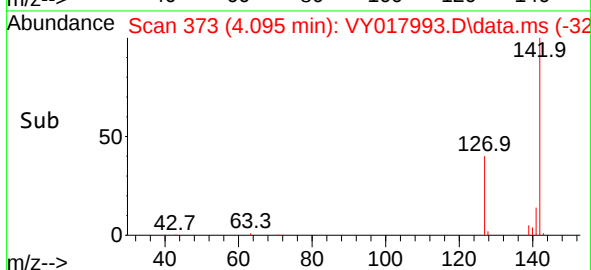
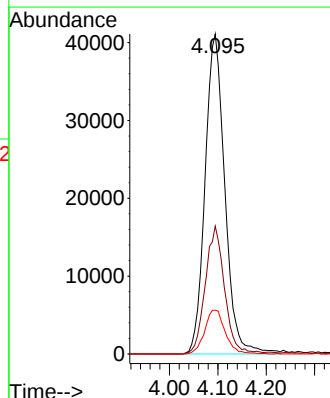
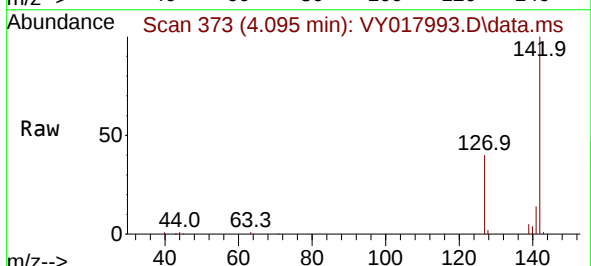
Manual Integrations
APPROVED

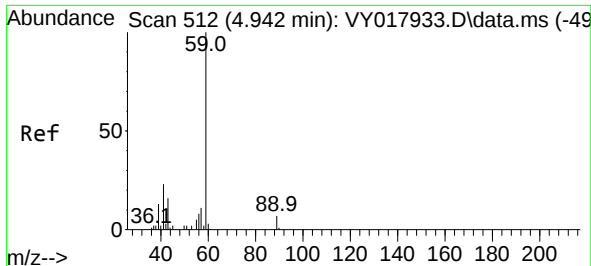
Reviewed By :Mahesh Dadoda 04/22/2024
Supervised By :Semsettin Yesilyurt 04/22/2024



#10
Methyl Iodide
Concen: 18.659 ug/l
RT: 4.095 min Scan# 373
Delta R.T. 0.006 min
Lab File: VY017993.D
Acq: 19 Apr 2024 12:59

Tgt Ion:142 Resp: 116853
Ion Ratio Lower Upper
142 100
127 38.8 32.8 49.2
141 14.2 11.4 17.2





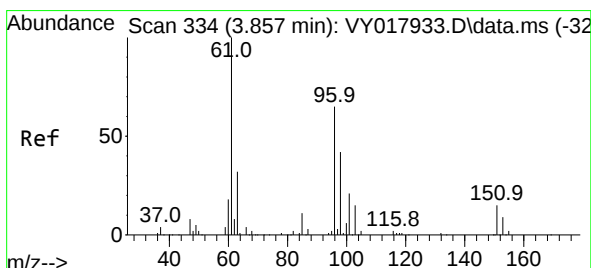
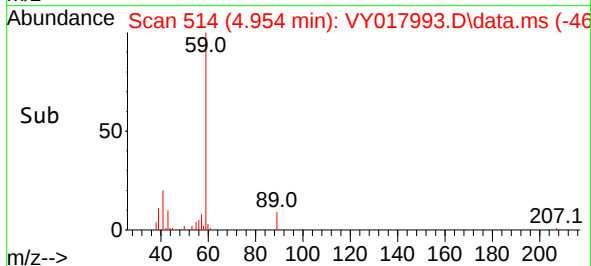
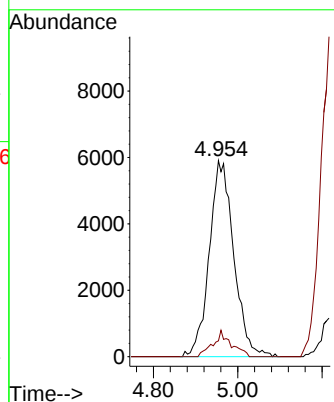
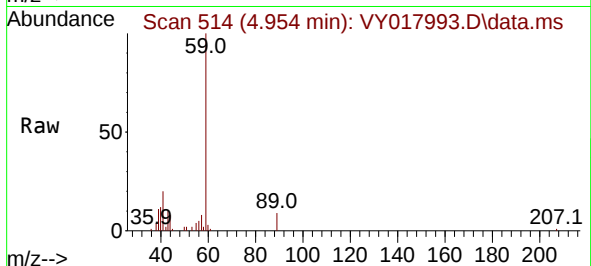
#11
Tert butyl alcohol
Concen: 74.765 ug/l
RT: 4.954 min Scan# 512
Delta R.T. 0.000 min
Lab File: VY017993.D
Acq: 19 Apr 2024 12:59

Instrument :
MSVOA_Y
ClientSampleId :
VY0419SBS01

Tgt Ion: 59 Resp: 23839
Ion Ratio Lower Upper
59 100
57 9.8 3.0 4.6

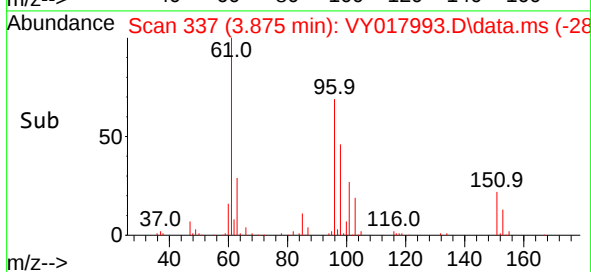
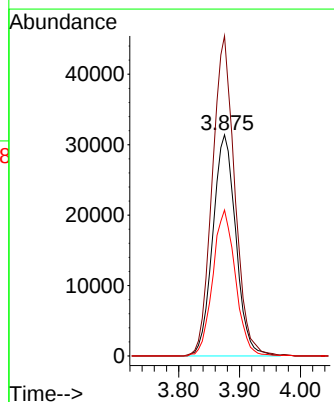
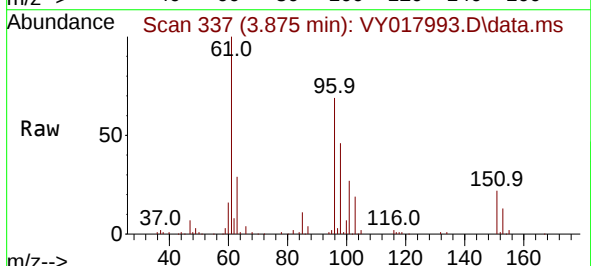
Manual Integrations
APPROVED

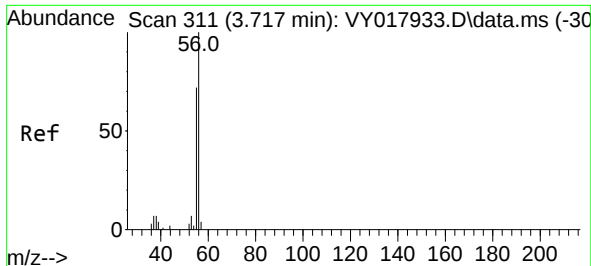
Reviewed By :Mahesh Dadoda 04/22/2024
Supervised By :Semsettin Yesilyurt 04/22/2024



#12
1,1-Dichloroethene
Concen: 18.079 ug/l
RT: 3.875 min Scan# 337
Delta R.T. 0.000 min
Lab File: VY017993.D
Acq: 19 Apr 2024 12:59

Tgt Ion: 96 Resp: 82617
Ion Ratio Lower Upper
96 100
61 144.8 114.6 171.8
98 66.0 50.8 76.2





#13

Acrolein

Concen: 139.662 ug/l

RT: 3.729 min Scan# 311

Delta R.T. 0.000 min

Lab File: VY017993.D

Acq: 19 Apr 2024 12:59

Instrument :

MSVOA_Y

ClientSampleId :

VY0419SBS01

Tgt Ion: 56 Resp: 4261

Ion Ratio Lower Upper

56 100

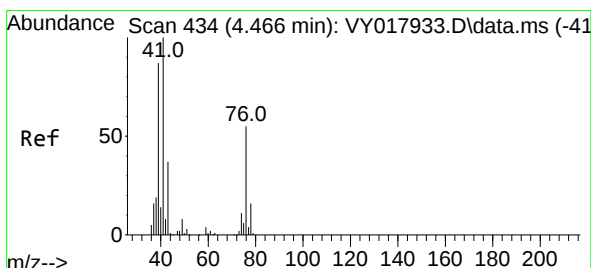
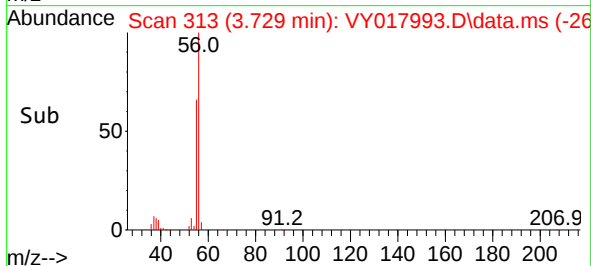
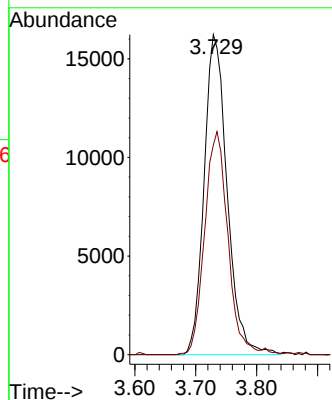
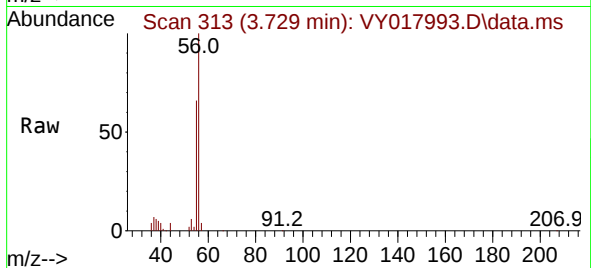
55 69.8 55.7 83.5

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 04/22/2024

Supervised By :Semsettin Yesilyurt 04/22/2024



#14

Allyl chloride

Concen: 17.504 ug/l

RT: 4.485 min Scan# 437

Delta R.T. 0.006 min

Lab File: VY017993.D

Acq: 19 Apr 2024 12:59

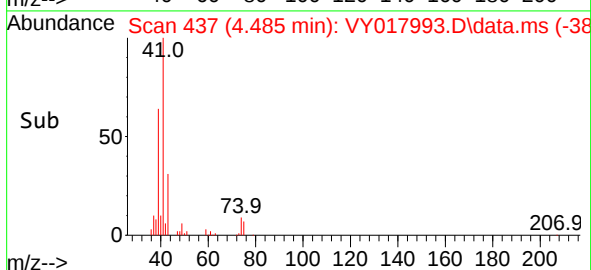
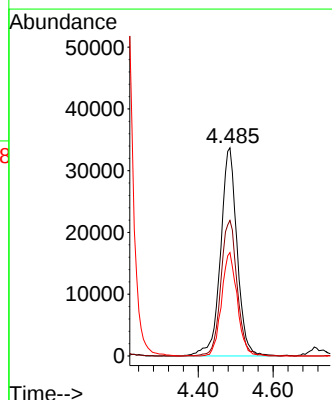
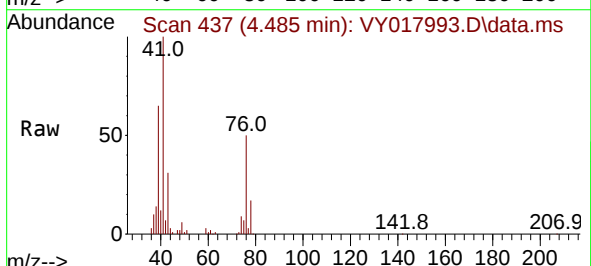
Tgt Ion: 41 Resp: 103514

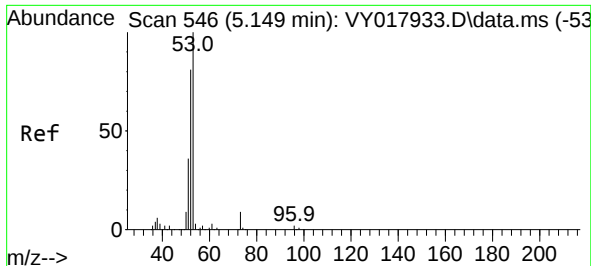
Ion Ratio Lower Upper

41 100

39 64.5 58.3 87.5

76 47.3 39.0 58.6





#15

Acrylonitrile

Concen: 87.841 ug/l

RT: 5.168 min Scan# 54

Delta R.T. 0.006 min

Lab File: VY017993.D

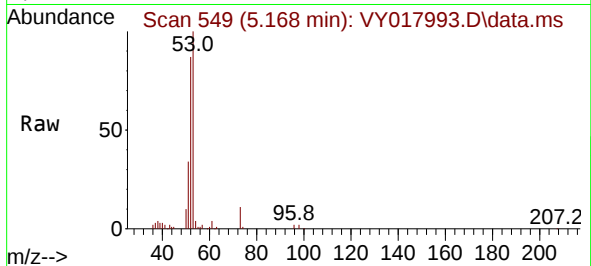
Acq: 19 Apr 2024 12:59

Instrument :

MSVOA_Y

ClientSampleId :

VY0419SBS01

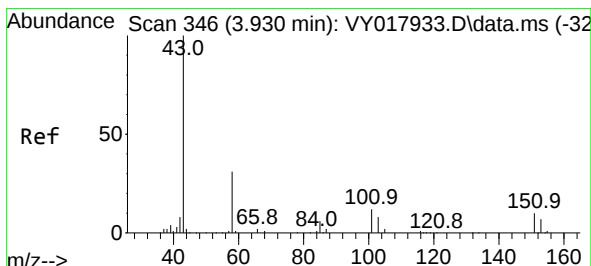
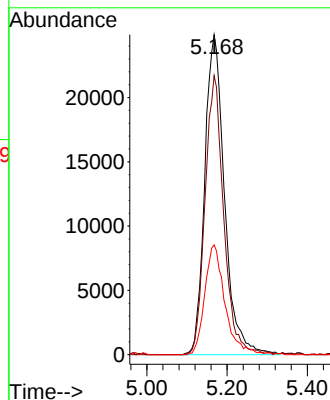
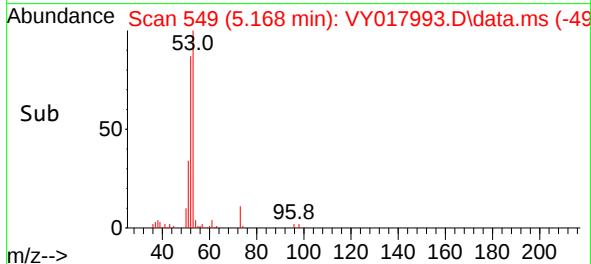


Tgt Ion: 53	Resp: 8519
Ion Ratio	Lower Upper
53	100
52	82.0 64.7 97.1
51	34.9 28.4 42.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 04/22/2024
Supervised By :Semsettin Yesilyurt 04/22/2024



#16

Acetone

Concen: 75.186 ug/l

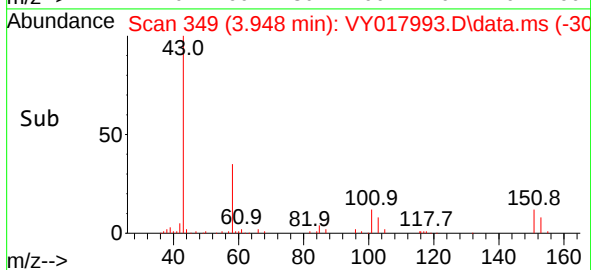
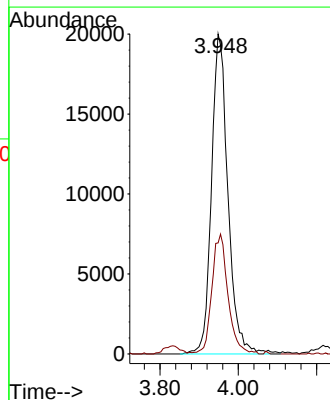
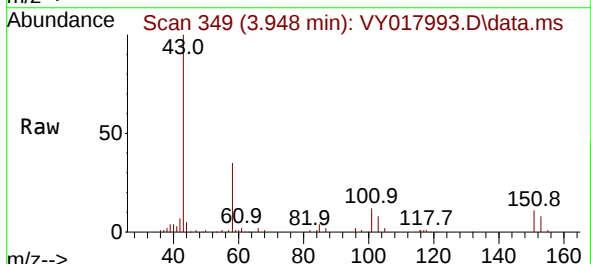
RT: 3.948 min Scan# 349

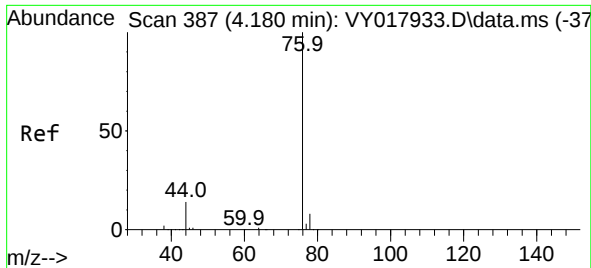
Delta R.T. 0.000 min

Lab File: VY017993.D

Acq: 19 Apr 2024 12:59

Tgt Ion: 43	Resp: 58198
Ion Ratio	Lower Upper
43	100
58	34.7 31.7 47.5





#17

Carbon Disulfide

Concen: 17.486 ug/l

RT: 4.198 min Scan# 390

Delta R.T. 0.006 min

Lab File: VY017993.D

Acq: 19 Apr 2024 12:59

Instrument :

MSVOA_Y

ClientSampleId :

VY0419SBSD01

Tgt Ion: 76 Resp: 25420

Ion Ratio Lower Upper

76 100

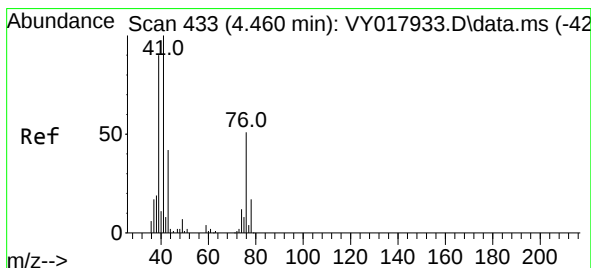
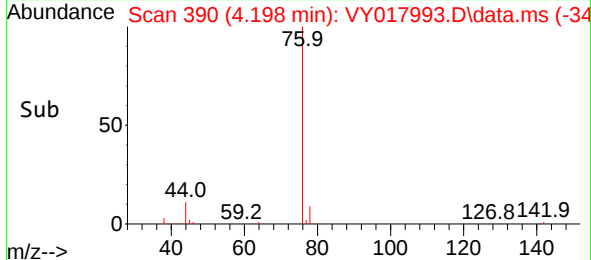
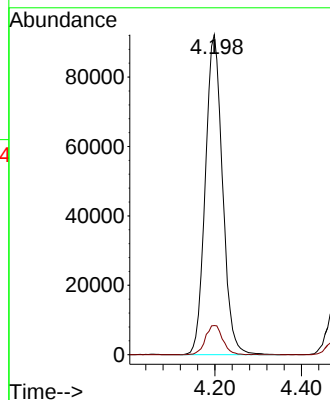
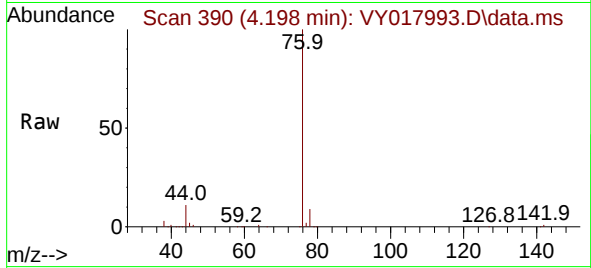
78 9.1 6.8 10.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 04/22/2024

Supervised By :Semsettin Yesilyurt 04/22/2024



#18

Methyl Acetate

Concen: 16.354 ug/l

RT: 4.479 min Scan# 436

Delta R.T. 0.000 min

Lab File: VY017993.D

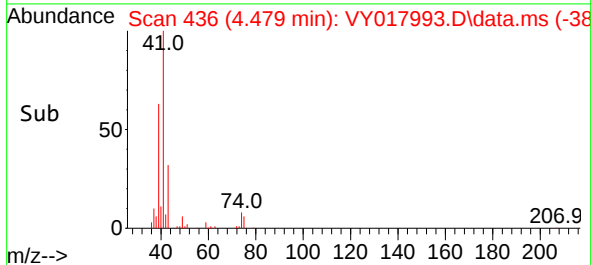
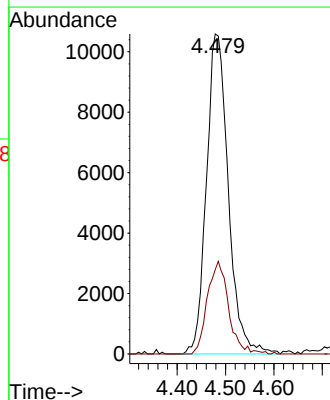
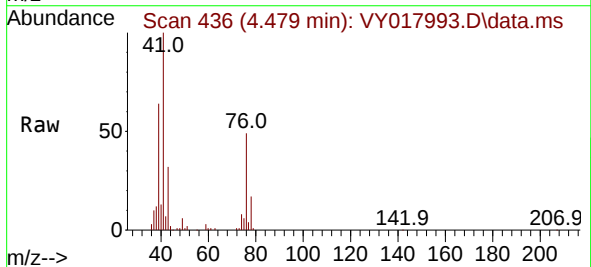
Acq: 19 Apr 2024 12:59

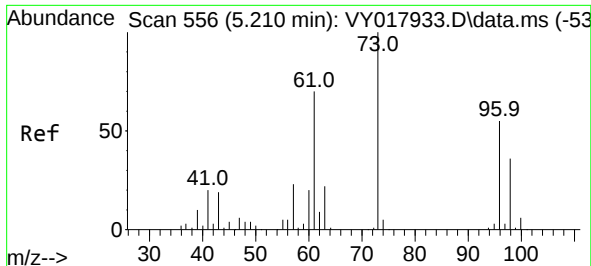
Tgt Ion: 43 Resp: 33303

Ion Ratio Lower Upper

43 100

74 28.1 23.3 34.9





#19

Methyl tert-butyl Ether

Concen: 17.533 ug/l

RT: 5.229 min Scan# 51

Delta R.T. 0.006 min

Lab File: VY017993.D

Acq: 19 Apr 2024 12:59

Instrument :

MSVOA_Y

ClientSampleId :

VY0419SBS01

Tgt Ion: 73 Resp: 17461

Ion Ratio Lower Upper

73 100

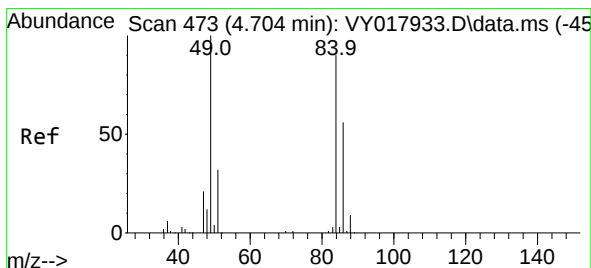
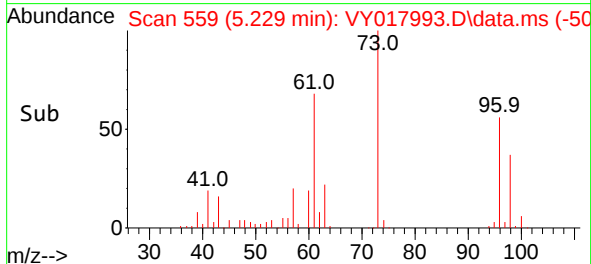
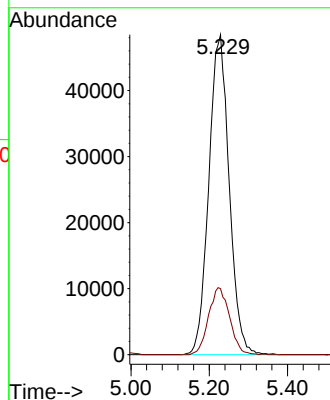
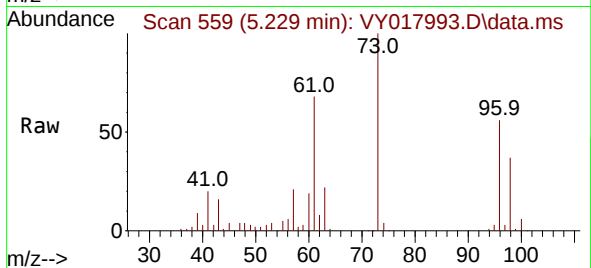
57 20.7 17.3 25.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 04/22/2024

Supervised By :Semsettin Yesilyurt 04/22/2024



#20

Methylene Chloride

Concen: 19.883 ug/l

RT: 4.723 min Scan# 476

Delta R.T. 0.006 min

Lab File: VY017993.D

Acq: 19 Apr 2024 12:59

Tgt Ion: 84 Resp: 104268

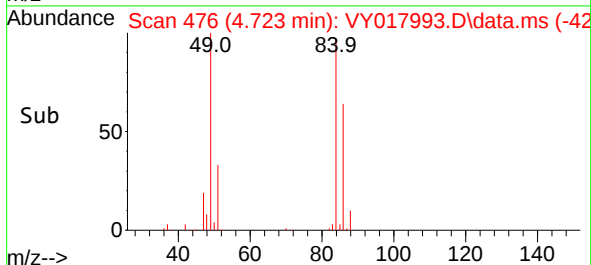
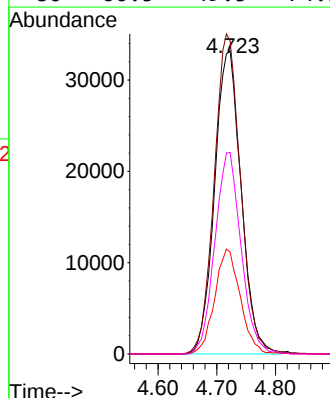
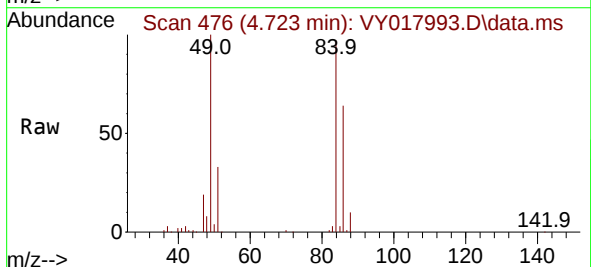
Ion Ratio Lower Upper

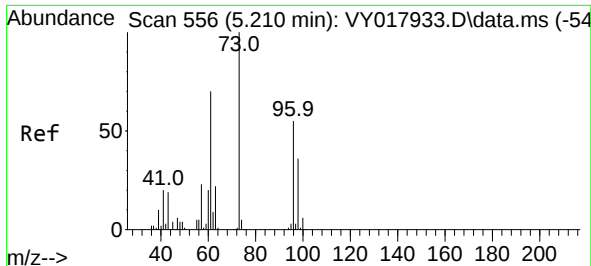
84 100

49 103.3 84.4 126.6

51 33.6 26.0 39.0

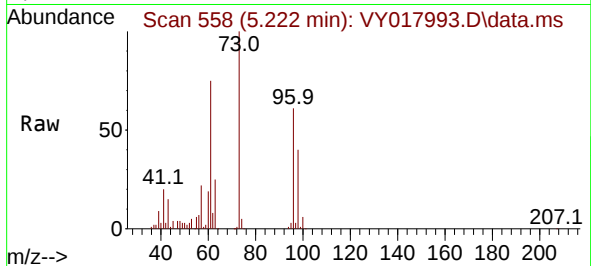
86 66.5 49.5 74.3





#21
trans-1,2-Dichloroethene
Concen: 18.243 ug/l
RT: 5.222 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY017993.D
Acq: 19 Apr 2024 12:59

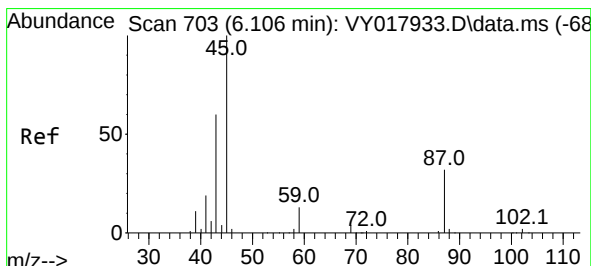
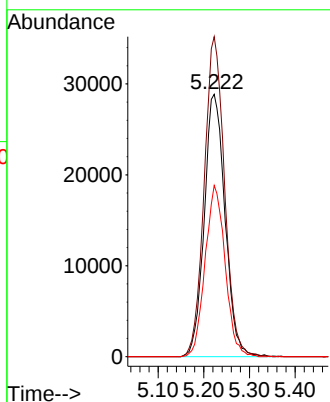
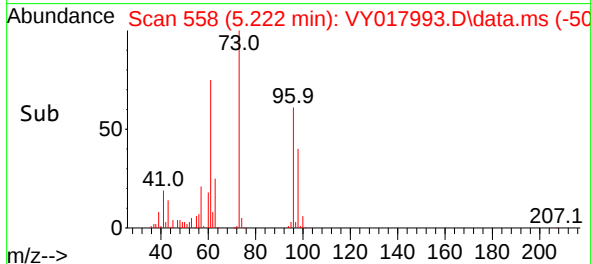
Instrument :
MSVOA_Y
ClientSampleId :
VY0419SBS01



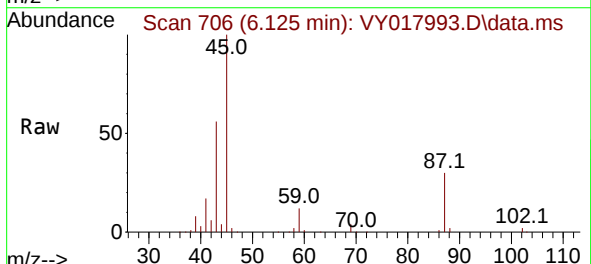
Tgt Ion: 96 Resp: 9132
Ion Ratio Lower Upper
96 100
61 122.0 97.5 146.3
98 65.2 50.5 75.7

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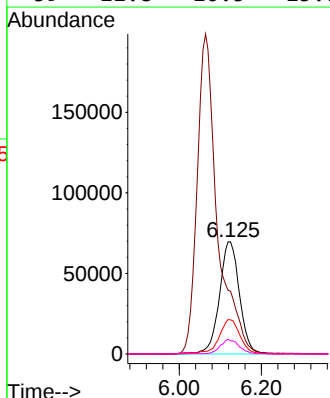
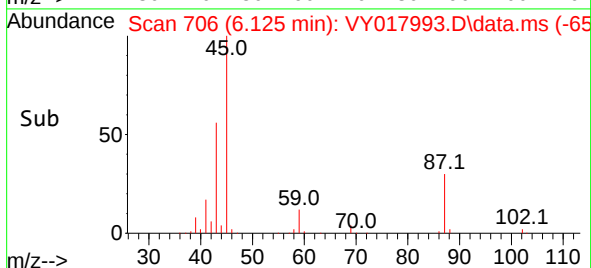
Reviewed By :Mahesh Dadoda 04/22/2024
Supervised By :Semsettin Yesilyurt 04/22/2024

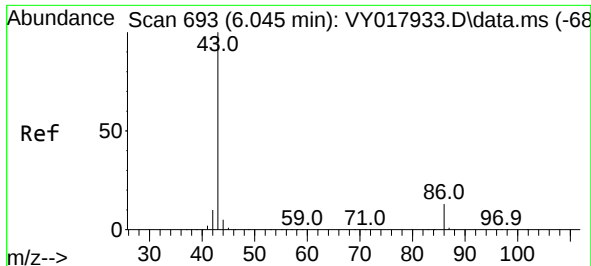


#22
Diisopropyl ether
Concen: 18.129 ug/l
RT: 6.125 min Scan# 706
Delta R.T. 0.006 min
Lab File: VY017993.D
Acq: 19 Apr 2024 12:59



Tgt Ion: 45 Resp: 235035
Ion Ratio Lower Upper
45 100
43 55.6 42.2 63.2
87 30.4 25.0 37.6
59 11.8 10.5 15.7





#23

Vinyl Acetate

Concen: 88.283 ug/l

RT: 6.064 min Scan# 693

Delta R.T. 0.000 min

Lab File: VY017993.D

Acq: 19 Apr 2024 12:59

Instrument :

MSVOA_Y

ClientSampleId :

VY0419SBS01

Tgt Ion: 43 Resp: 67870

Ion Ratio Lower Upper

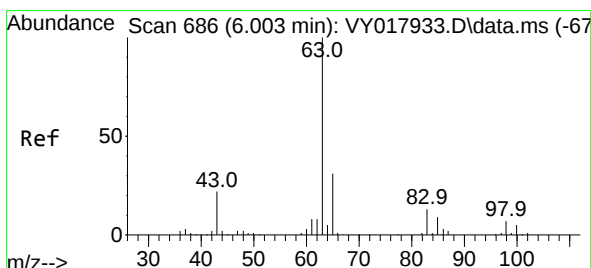
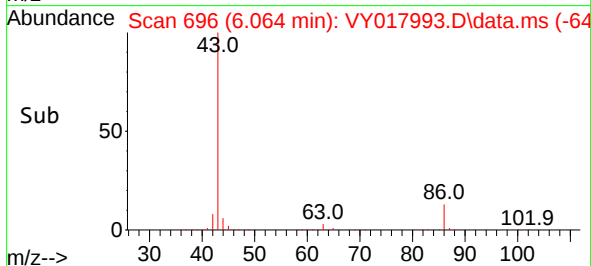
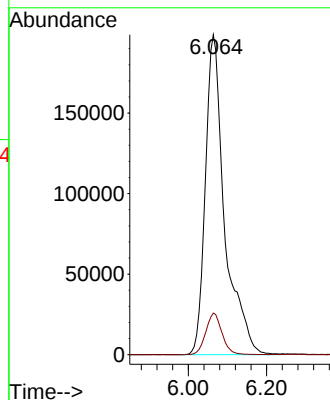
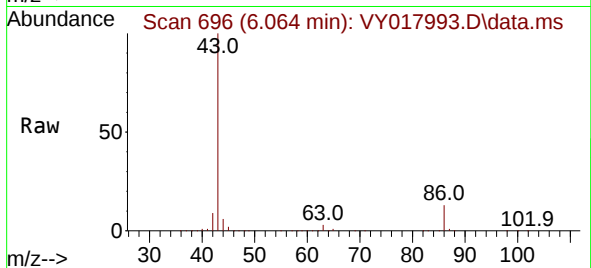
43 100

86 13.0 10.6 16.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 04/22/2024
Supervised By :Semsettin Yesilyurt 04/22/2024



#24

1,1-Dichloroethane

Concen: 17.771 ug/l

RT: 6.021 min Scan# 689

Delta R.T. 0.000 min

Lab File: VY017993.D

Acq: 19 Apr 2024 12:59

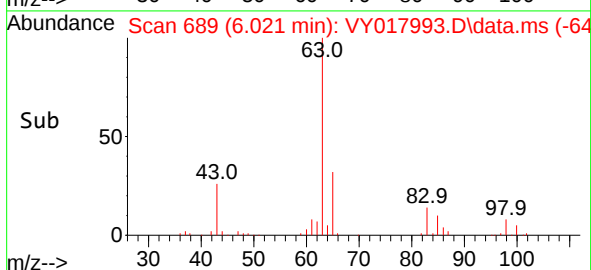
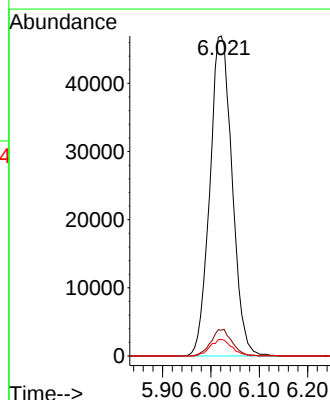
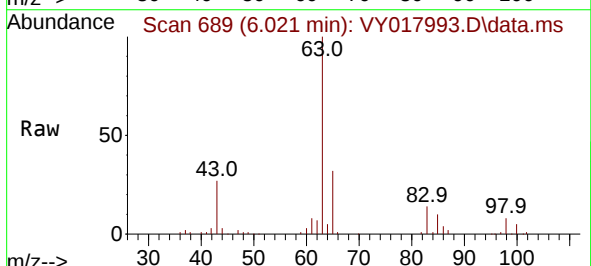
Tgt Ion: 63 Resp: 150433

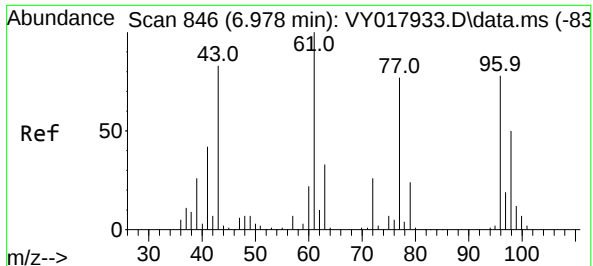
Ion Ratio Lower Upper

63 100

98 8.0 4.0 12.2

100 5.2 2.6 8.0





#25

2-Butanone

Concen: 85.240 ug/l

RT: 6.990 min Scan# 846

Delta R.T. 0.006 min

Lab File: VY017993.D

Acq: 19 Apr 2024 12:59

Instrument :

MSVOA_Y

ClientSampleId :

VY0419SBS01

Tgt Ion: 43 Resp: 9698

Ion Ratio Lower Upper

43 100

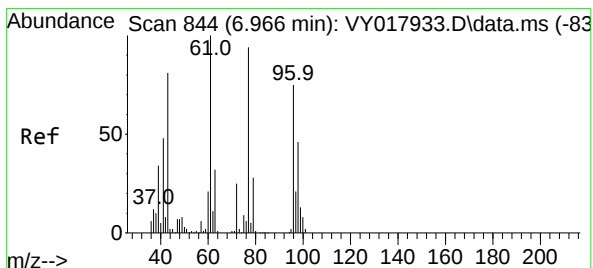
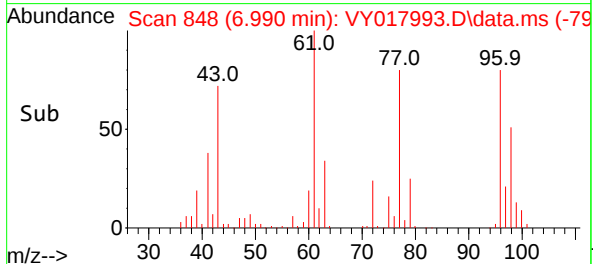
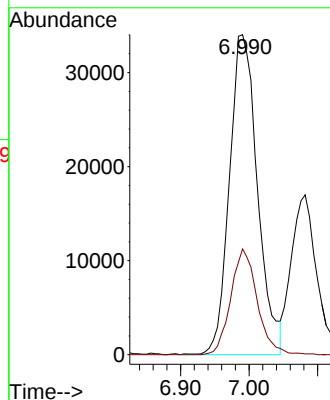
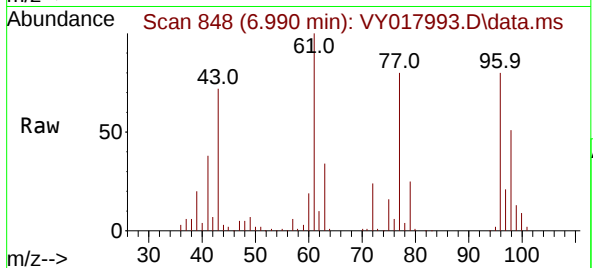
72 33.0 27.3 40.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 04/22/2024

Supervised By :Semsettin Yesilyurt 04/22/2024



#26

2,2-Dichloropropane

Concen: 17.780 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.006 min

Lab File: VY017993.D

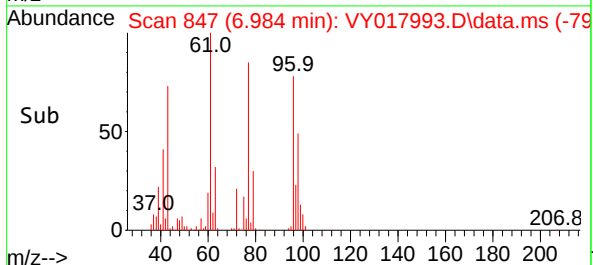
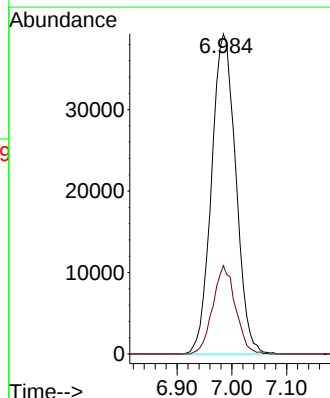
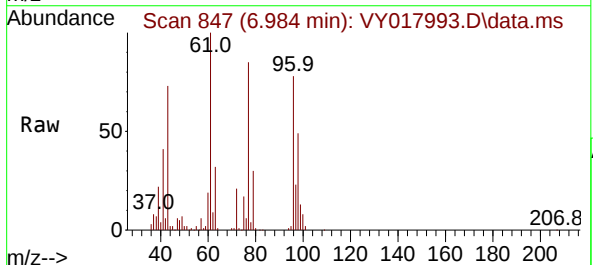
Acq: 19 Apr 2024 12:59

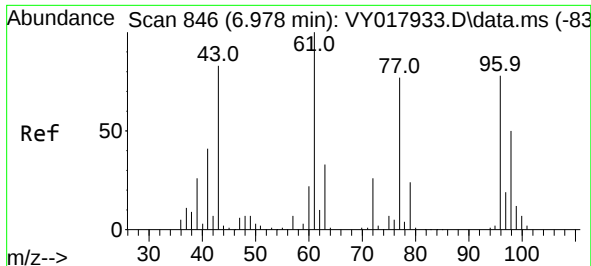
Tgt Ion: 77 Resp: 120749

Ion Ratio Lower Upper

77 100

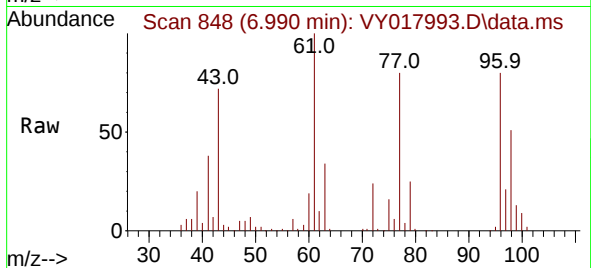
97 25.7 12.0 36.1





#27
cis-1,2-Dichloroethene
Concen: 18.066 ug/l
RT: 6.990 min Scan# 846
Delta R.T. 0.006 min
Lab File: VY017993.D
Acq: 19 Apr 2024 12:59

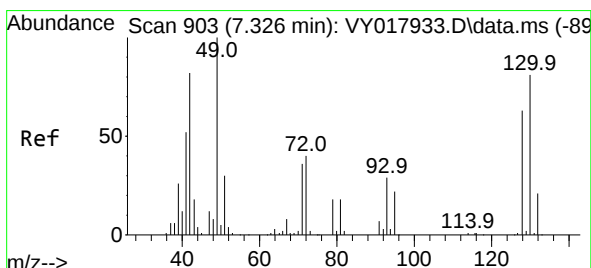
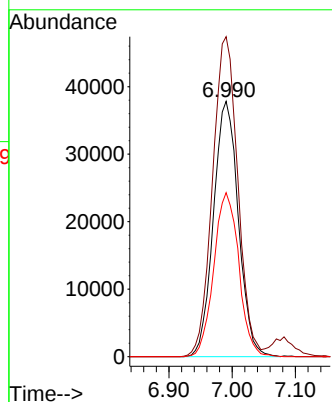
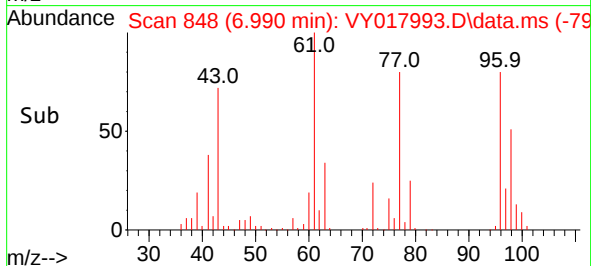
Instrument :
MSVOA_Y
ClientSampleId :
VY0419SBS01



Tgt Ion: 96 Resp: 10329
Ion Ratio Lower Upper
96 100
61 127.4 0.0 256.2
98 64.6 0.0 130.0

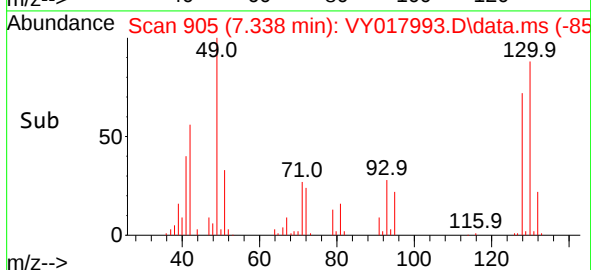
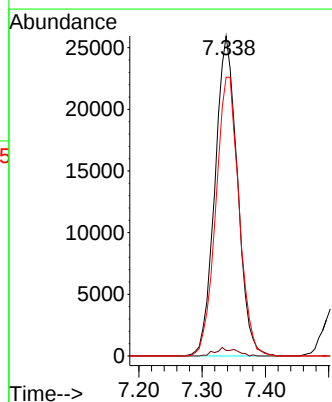
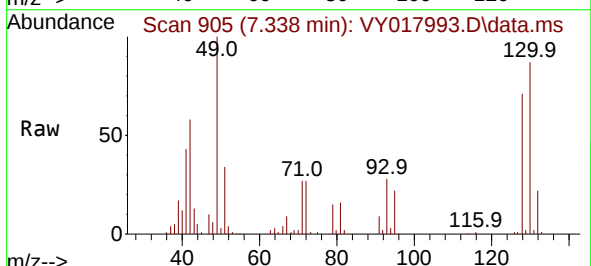
Manual Integrations
APPROVED

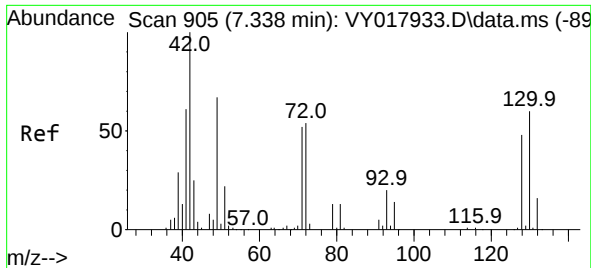
Reviewed By :Mahesh Dadoda 04/22/2024
Supervised By :Semsettin Yesilyurt 04/22/2024



#28
Bromochloromethane
Concen: 19.167 ug/l
RT: 7.338 min Scan# 905
Delta R.T. 0.000 min
Lab File: VY017993.D
Acq: 19 Apr 2024 12:59

Tgt Ion: 49 Resp: 63821
Ion Ratio Lower Upper
49 100
129 2.4 0.0 4.6
130 89.9 72.7 109.1





#29

Tetrahydrofuran

Concen: 86.197 ug/l

RT: 7.356 min Scan# 905

Delta R.T. 0.006 min

Lab File: VY017993.D

Acq: 19 Apr 2024 12:59

Instrument :

MSVOA_Y

ClientSampleId :

VY0419SBS01

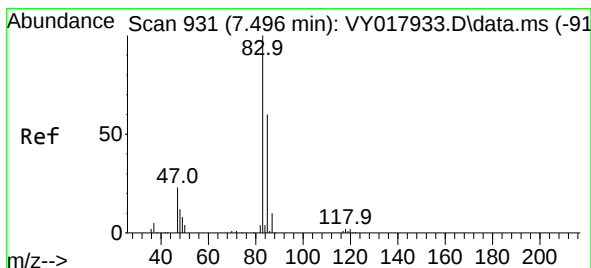
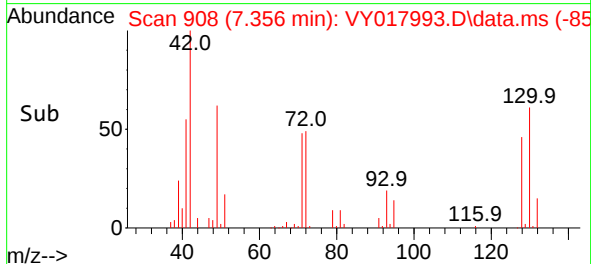
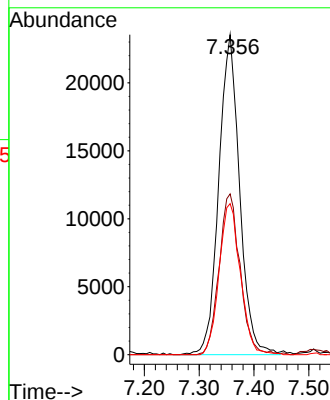
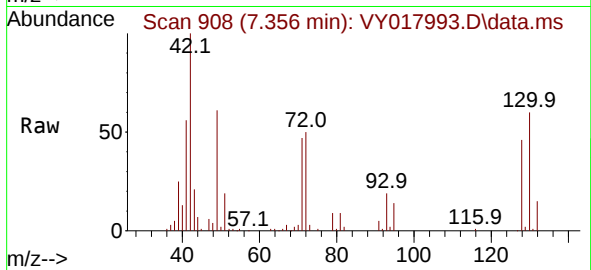
Tgt Ion: 42 Resp: 62230

Ion	Ratio	Lower	Upper
42	100		
72	50.8	43.0	64.4
71	48.1	40.8	61.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 04/22/2024
Supervised By :Semsettin Yesilyurt 04/22/2024



#30

Chloroform

Concen: 17.648 ug/l

RT: 7.509 min Scan# 933

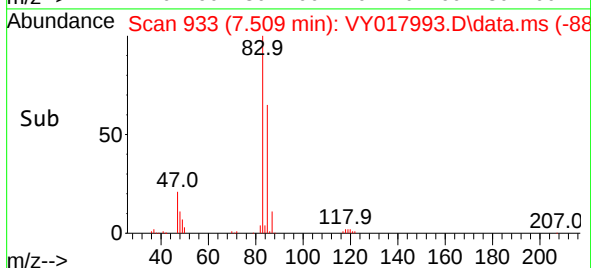
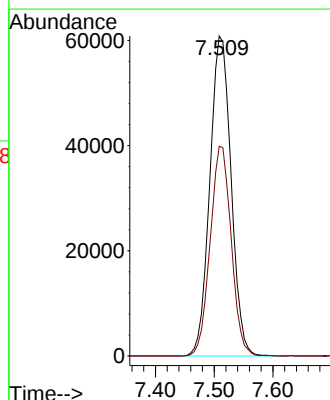
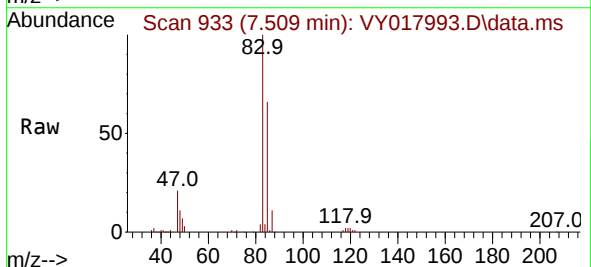
Delta R.T. 0.000 min

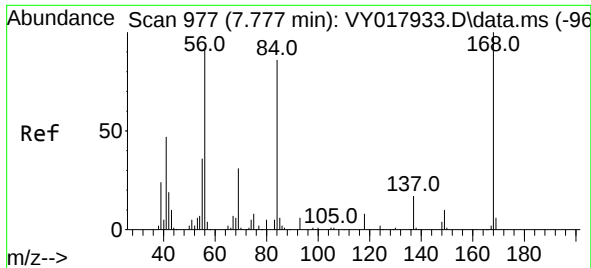
Lab File: VY017993.D

Acq: 19 Apr 2024 12:59

Tgt Ion: 83 Resp: 152675

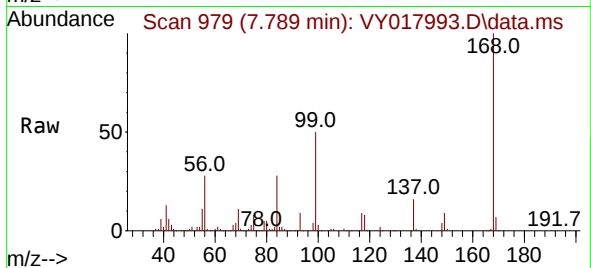
Ion	Ratio	Lower	Upper
83	100		
85	65.6	52.2	78.4





#31
Cyclohexane
Concen: 17.694 ug/l
RT: 7.789 min Scan# 913
Delta R.T. 0.006 min
Lab File: VY017993.D
Acq: 19 Apr 2024 12:59

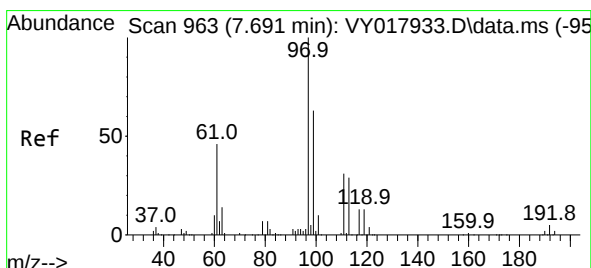
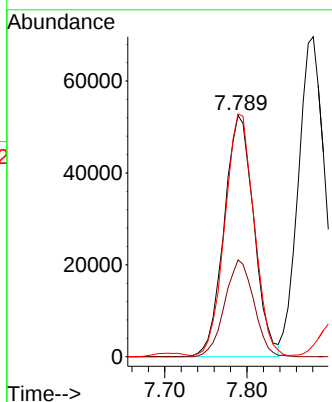
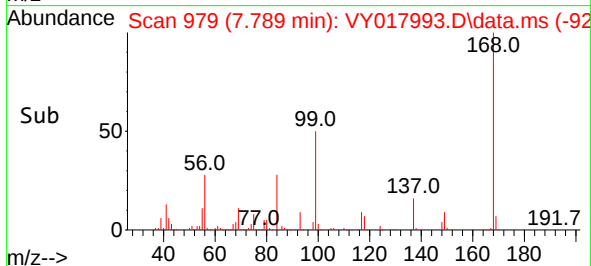
Instrument :
MSVOA_Y
ClientSampleId :
VY0419SBS01



Tgt Ion: 56 Resp: 13249
Ion Ratio Lower Upper
56 100
69 40.1 28.7 43.1
84 99.2 77.7 116.5

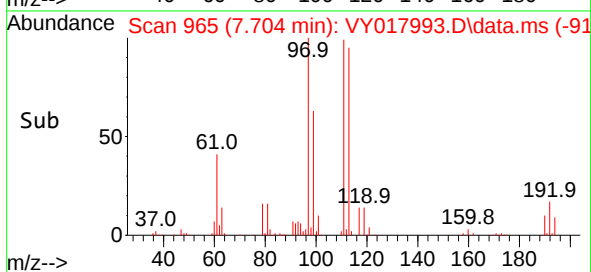
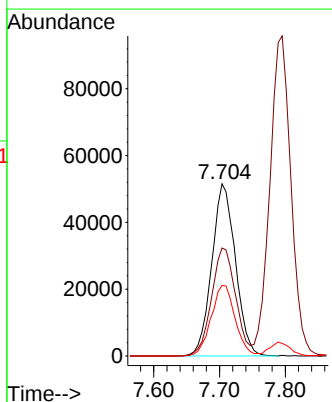
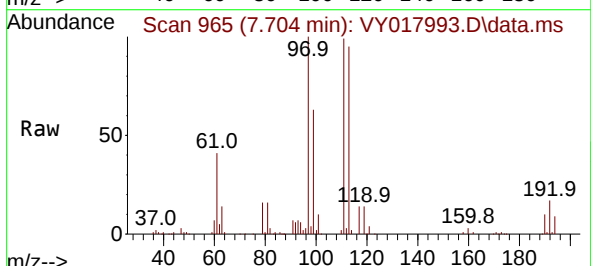
Manual Integrations
APPROVED

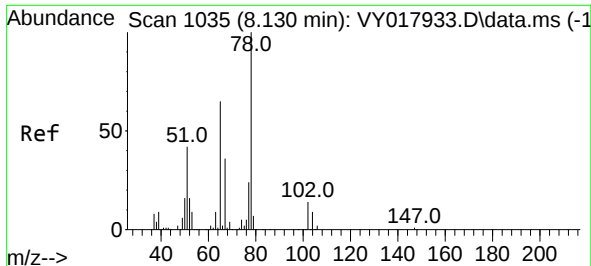
Reviewed By :Mahesh Dadoda 04/22/2024
Supervised By :Semsettin Yesilyurt 04/22/2024



#32
1,1,1-Trichloroethane
Concen: 17.883 ug/l
RT: 7.704 min Scan# 965
Delta R.T. 0.000 min
Lab File: VY017993.D
Acq: 19 Apr 2024 12:59

Tgt Ion: 97 Resp: 128855
Ion Ratio Lower Upper
97 100
99 63.7 50.3 75.5
61 41.4 32.6 48.8





#33

1,2-Dichloroethane-d4

Concen: 48.901 ug/l

RT: 8.149 min Scan# 1035

Delta R.T. 0.006 min

Lab File: VY017993.D

Acq: 19 Apr 2024 12:59

Instrument :

MSVOA_Y

ClientSampleId :

VY0419SBS01

Tgt Ion: 65 Resp: 191572

Ion Ratio Lower Upper

65 100

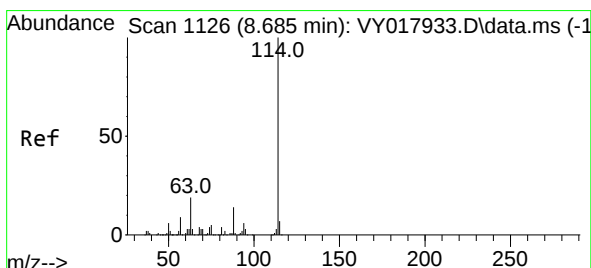
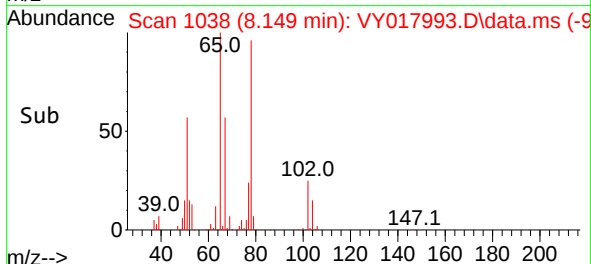
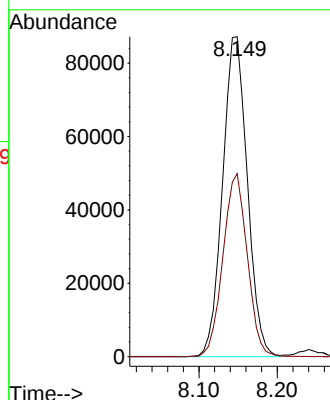
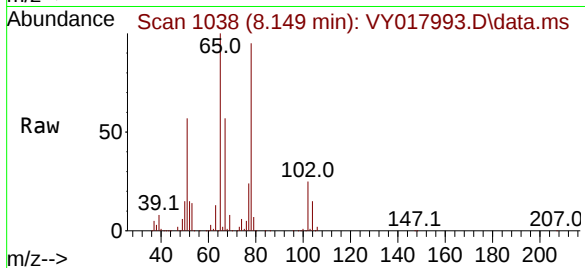
67 56.2 0.0 109.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 04/22/2024

Supervised By :Semsettin Yesilyurt 04/22/2024



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. 0.006 min

Lab File: VY017993.D

Acq: 19 Apr 2024 12:59

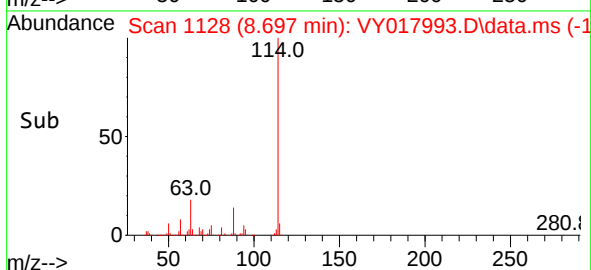
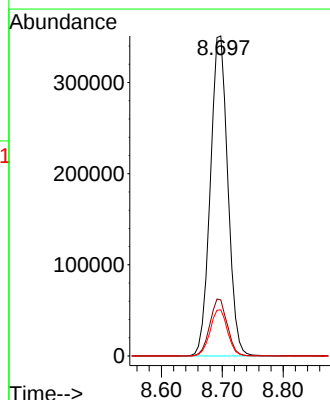
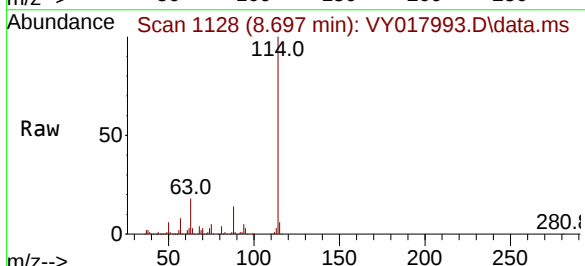
Tgt Ion:114 Resp: 699156

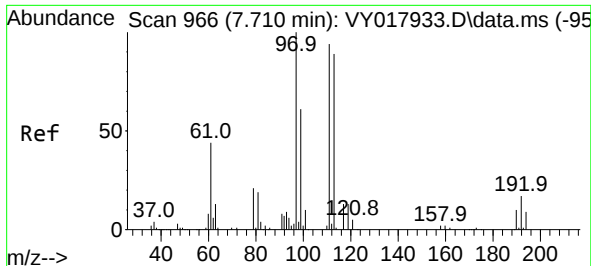
Ion Ratio Lower Upper

114 100

63 17.5 0.0 35.0

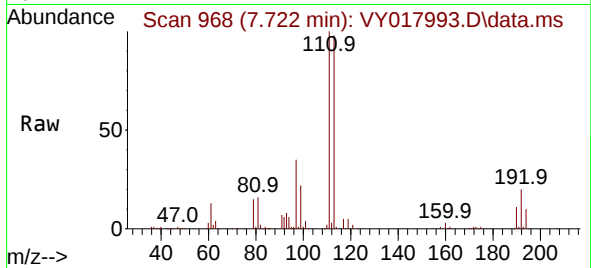
88 14.4 0.0 27.2





#35
Dibromofluoromethane
Concen: 51.543 ug/l
RT: 7.722 min Scan# 90
Delta R.T. 0.000 min
Lab File: VY017993.D
Acq: 19 Apr 2024 12:59

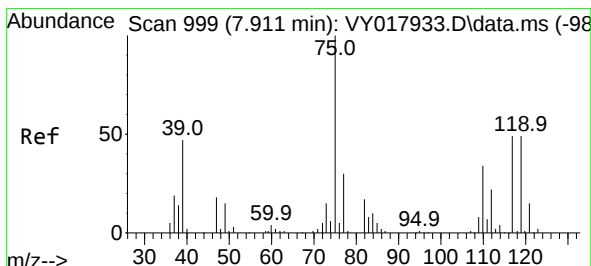
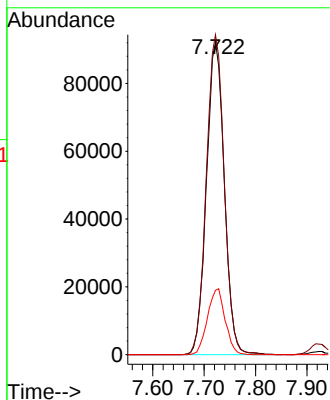
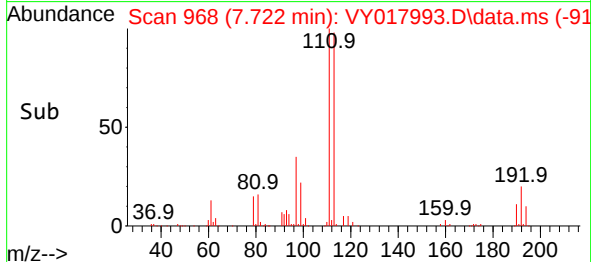
Instrument :
MSVOA_Y
ClientSampleId :
VY0419SBSD01



Tgt Ion:113 Resp: 22232
Ion Ratio Lower Upper
113 100
111 102.5 82.2 123.4
192 20.9 15.9 23.9

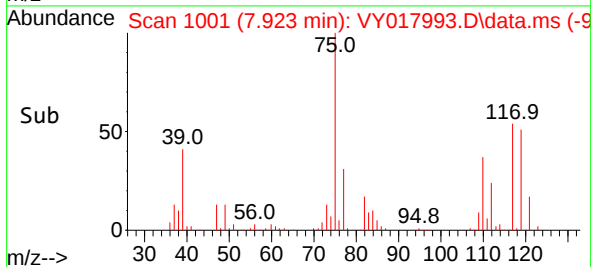
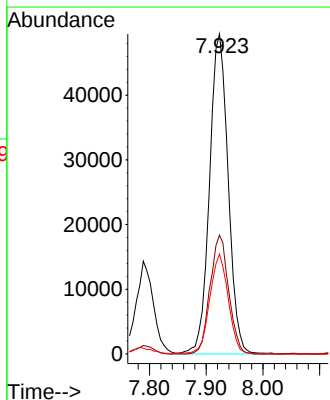
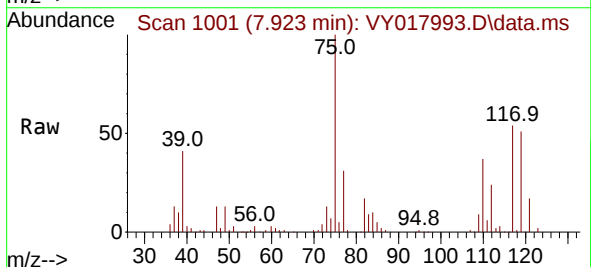
Manual Integrations
APPROVED

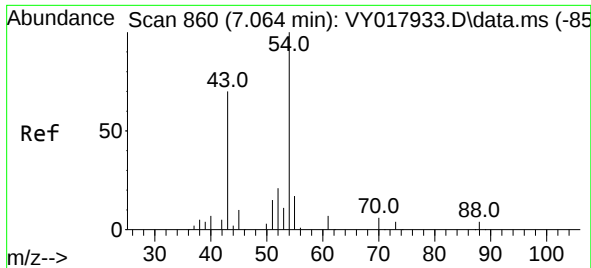
Reviewed By :Mahesh Dadoda 04/22/2024
Supervised By :Semsettin Yesilyurt 04/22/2024



#36
1,1-Dichloropropene
Concen: 18.019 ug/l
RT: 7.923 min Scan# 1001
Delta R.T. 0.006 min
Lab File: VY017993.D
Acq: 19 Apr 2024 12:59

Tgt Ion: 75 Resp: 113029
Ion Ratio Lower Upper
75 100
110 36.9 19.0 57.0
77 31.0 25.3 37.9





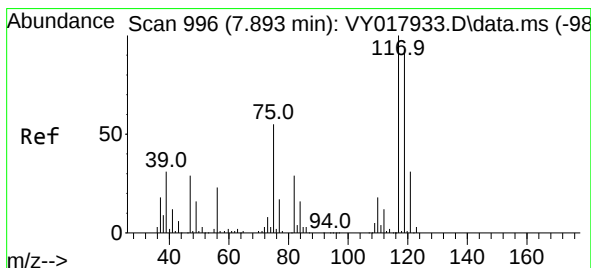
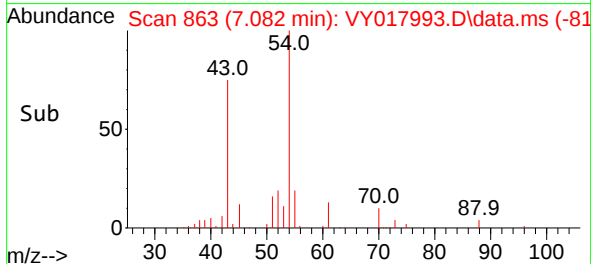
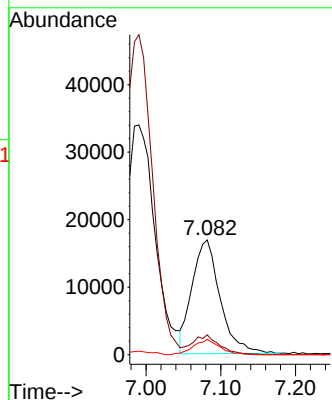
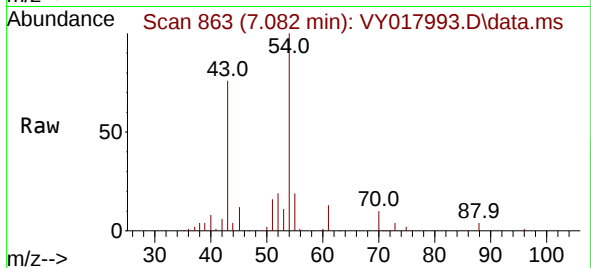
#37
Ethyl Acetate
Concen: 17.055 ug/l
RT: 7.082 min Scan# 863
Delta R.T. 0.006 min
Lab File: VY017993.D
Acq: 19 Apr 2024 12:59

Instrument :
MSVOA_Y
ClientSampleId :
VY0419SBS01

Tgt Ion: 43 Resp: 44010
Ion Ratio Lower Upper
43 100
61 16.0 12.6 19.0
70 12.4 7.8 11.8

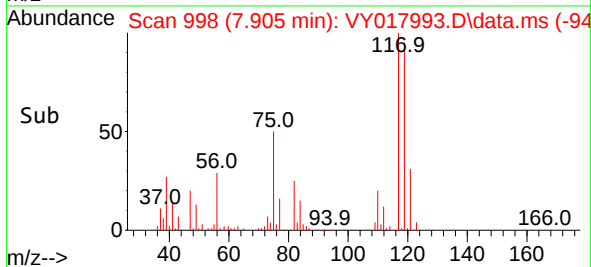
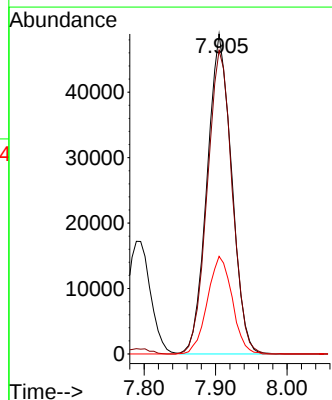
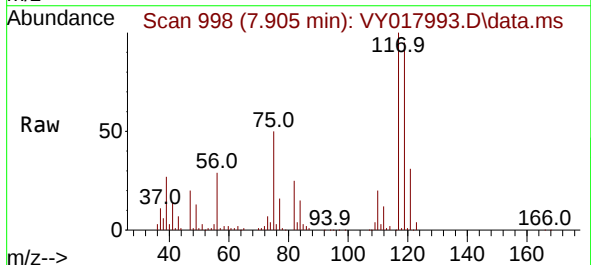
Manual Integrations
APPROVED

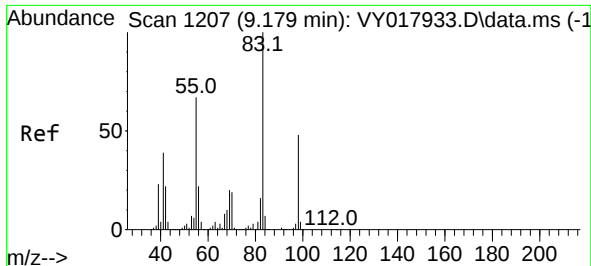
Reviewed By :Mahesh Dadoda 04/22/2024
Supervised By :Semsettin Yesilyurt 04/22/2024



#38
Carbon Tetrachloride
Concen: 18.374 ug/l
RT: 7.905 min Scan# 998
Delta R.T. 0.000 min
Lab File: VY017993.D
Acq: 19 Apr 2024 12:59

Tgt Ion:117 Resp: 116447
Ion Ratio Lower Upper
117 100
119 94.8 75.8 113.6
121 30.5 24.0 36.0





#39

Methylcyclohexane

Concen: 17.500 ug/l

RT: 9.191 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY017993.D

Acq: 19 Apr 2024 12:59

Instrument :

MSVOA_Y

ClientSampleId :

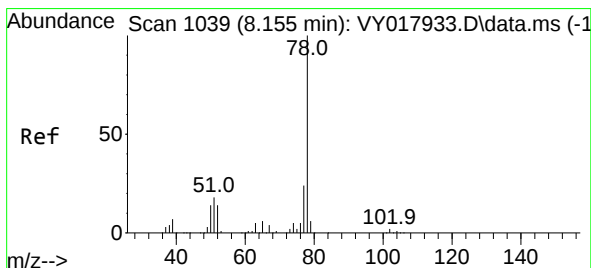
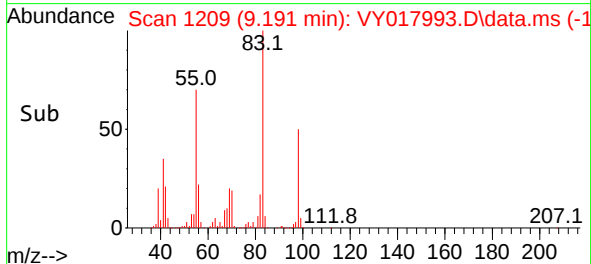
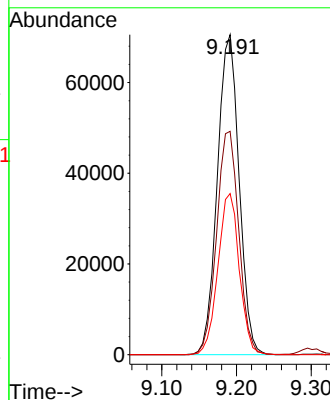
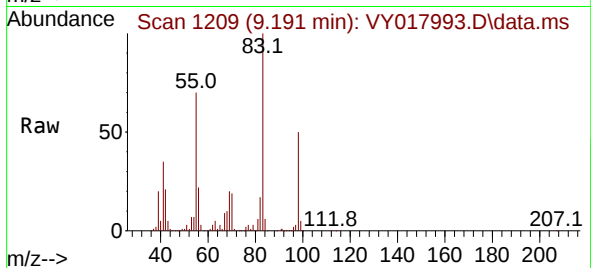
VY0419SBS01

Tgt Ion:	83	Resp:	14305
Ion Ratio	Lower	Upper	
83	100		
55	69.8	51.5	77.3
98	50.4	40.5	60.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 04/22/2024
Supervised By :Semsettin Yesilyurt 04/22/2024



#40

Benzene

Concen: 18.393 ug/l

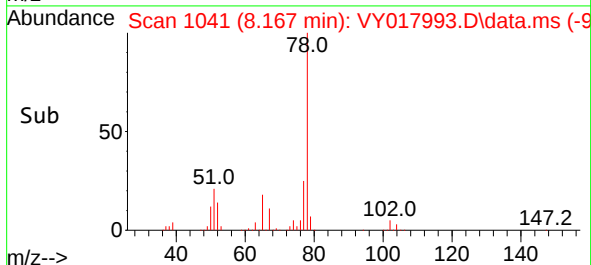
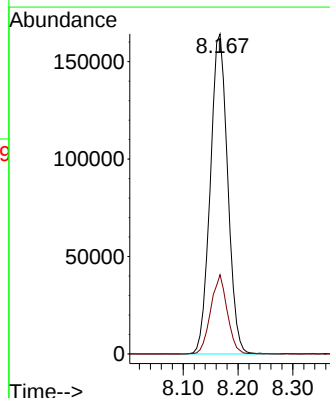
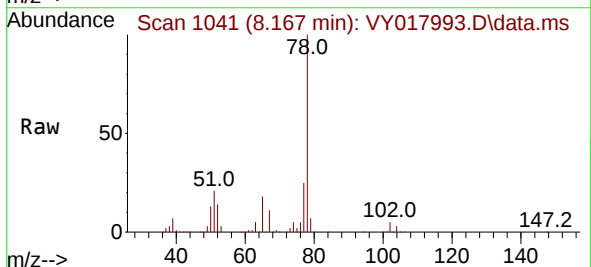
RT: 8.167 min Scan# 1041

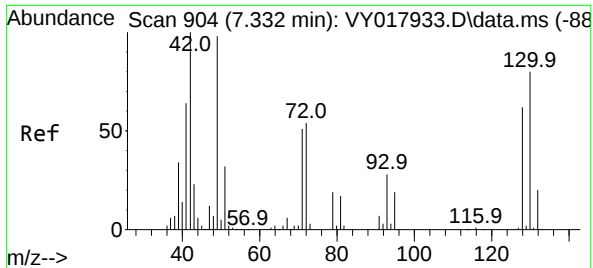
Delta R.T. 0.006 min

Lab File: VY017993.D

Acq: 19 Apr 2024 12:59

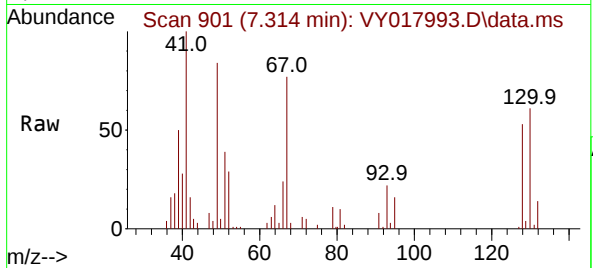
Tgt Ion:	78	Resp:	361394
Ion Ratio	Lower	Upper	
78	100		
77	24.8	19.5	29.3





#41
Methacrylonitrile
Concen: 16.357 ug/l m
RT: 7.314 min Scan# 904
Delta R.T. -0.018 min
Lab File: VY017993.D
Acq: 19 Apr 2024 12:59

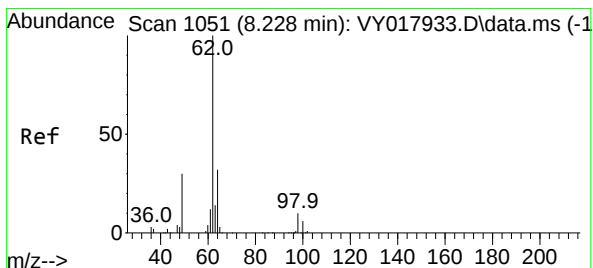
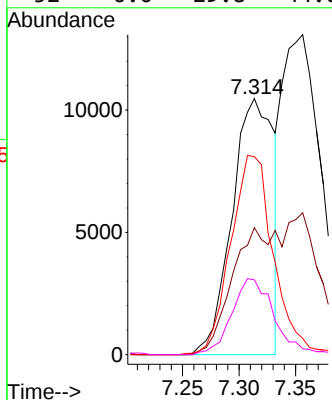
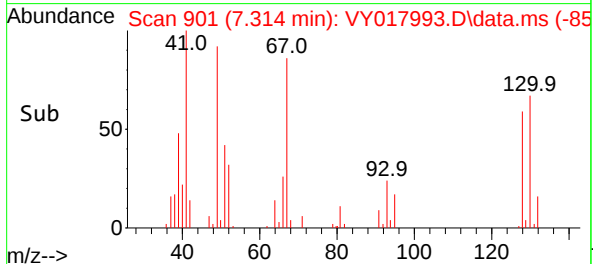
Instrument :
MSVOA_Y
ClientSampleId :
VY0419SBSD01



Tgt Ion: 41 Resp: 2663
Ion Ratio Lower Upper
41 100
39 0.0 48.0 72.0
67 0.0 75.1 112.7
52 0.0 29.8 44.6

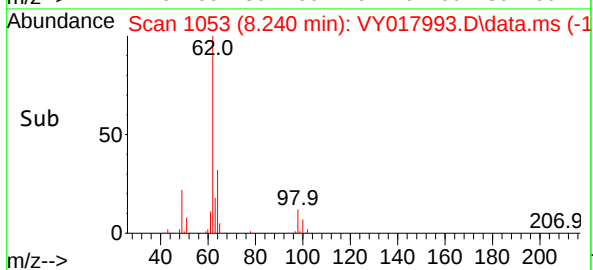
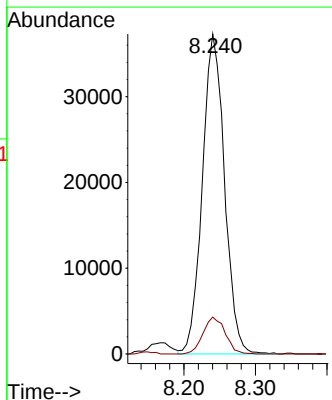
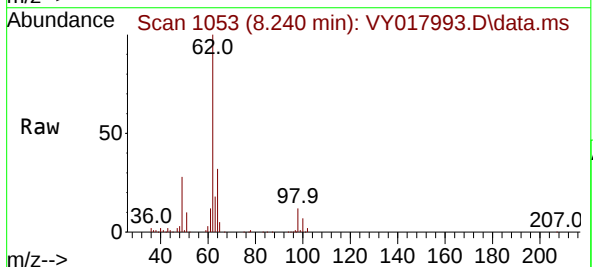
Manual Integrations
APPROVED

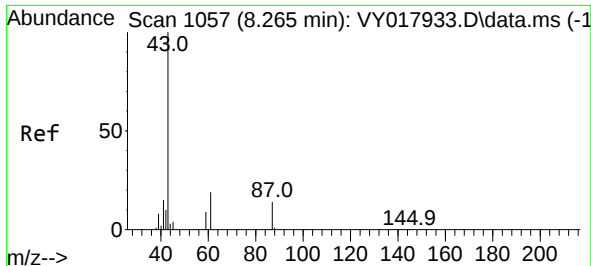
Reviewed By :Mahesh Dadoda 04/22/2024
Supervised By :Semsettin Yesilyurt 04/22/2024



#42
1,2-Dichloroethane
Concen: 17.864 ug/l
RT: 8.240 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VY017993.D
Acq: 19 Apr 2024 12:59

Tgt Ion: 62 Resp: 80428
Ion Ratio Lower Upper
62 100
98 11.5 0.0 22.0





#43

Isopropyl Acetate

Concen: 17.607 ug/l

RT: 8.277 min Scan# 1059

Delta R.T. 0.006 min

Lab File: VY017993.D

Acq: 19 Apr 2024 12:59

Instrument :

MSVOA_Y

ClientSampleId :

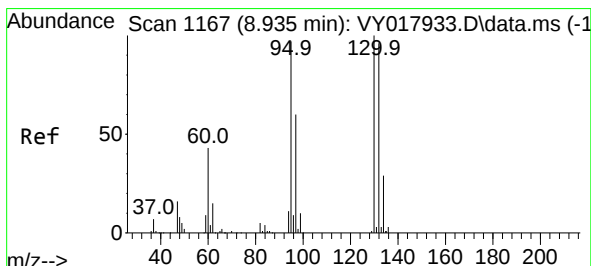
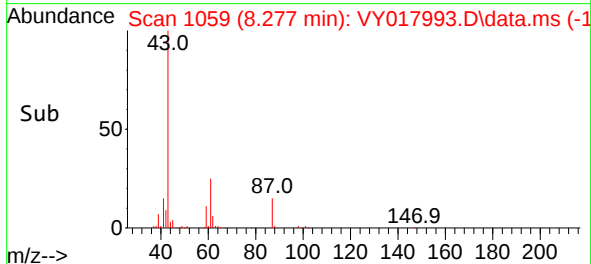
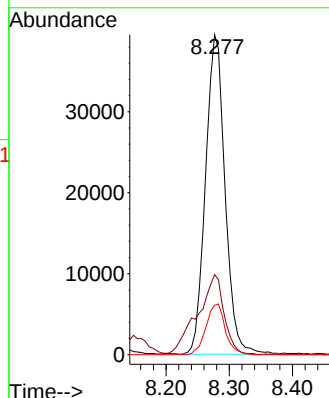
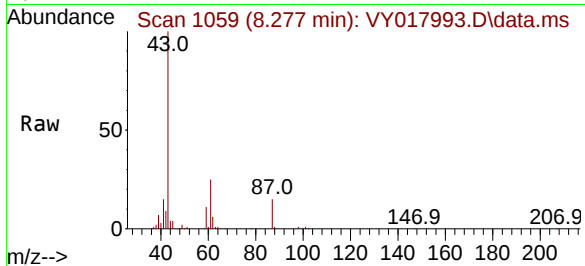
VY0419SBS01

Tgt Ion:	43	Resp:	84700
Ion	Ratio	Lower	Upper
43	100		
61	34.1	27.9	41.9
87	15.6	13.1	19.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 04/22/2024
Supervised By :Semsettin Yesilyurt 04/22/2024



#44

Trichloroethene

Concen: 18.586 ug/l

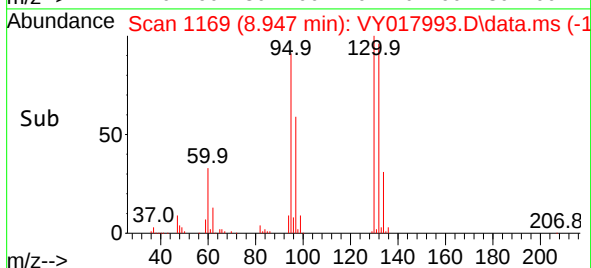
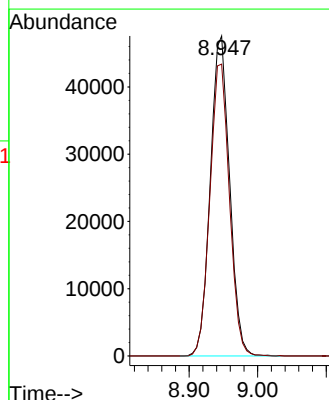
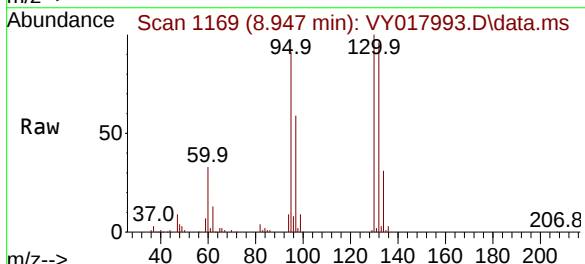
RT: 8.947 min Scan# 1169

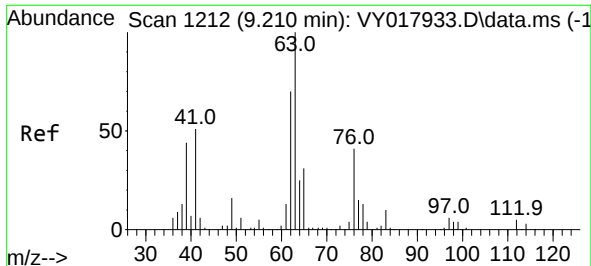
Delta R.T. 0.006 min

Lab File: VY017993.D

Acq: 19 Apr 2024 12:59

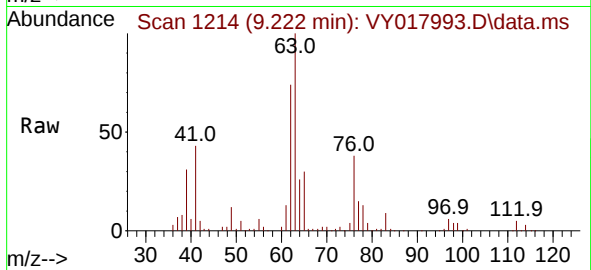
Tgt Ion:	130	Resp:	92800
Ion	Ratio	Lower	Upper
130	100		
95	91.2	0.0	188.0





#45
1,2-Dichloropropane
Concen: 17.960 ug/l
RT: 9.222 min Scan# 1214
Delta R.T. 0.006 min
Lab File: VY017993.D
Acq: 19 Apr 2024 12:59

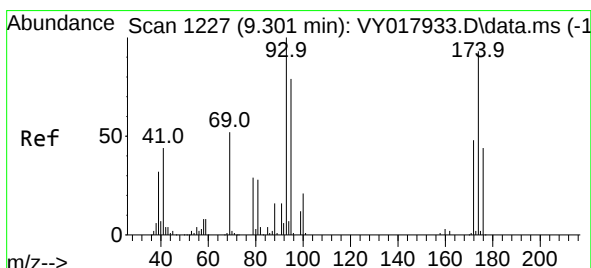
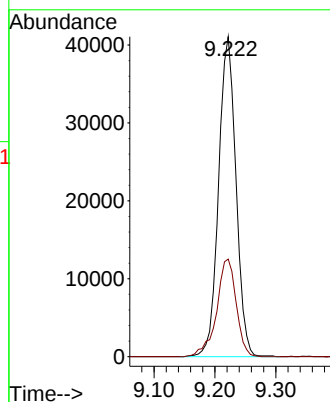
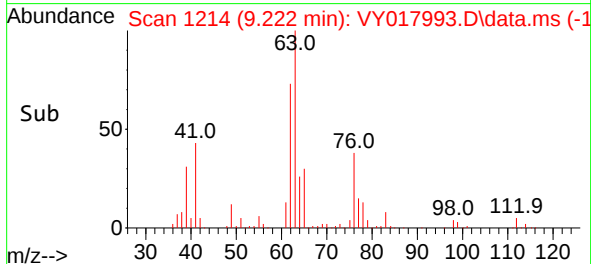
Instrument :
MSVOA_Y
ClientSampleId :
VY0419SBSD01



Tgt Ion: 63 Resp: 81235
Ion Ratio Lower Upper
63 100
65 30.5 25.4 38.2

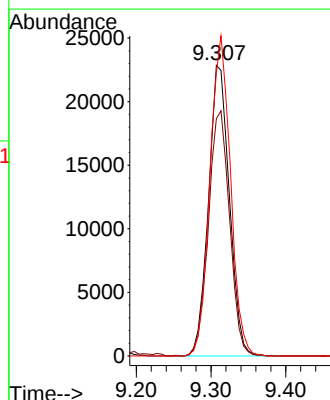
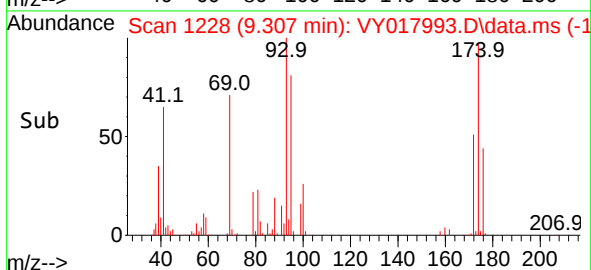
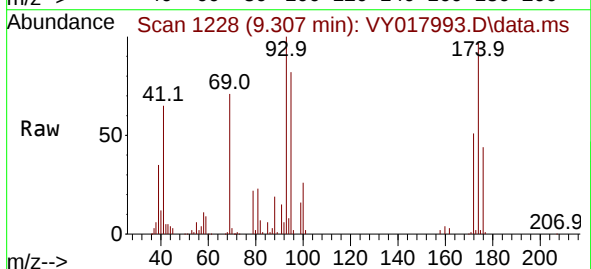
Manual Integrations
APPROVED

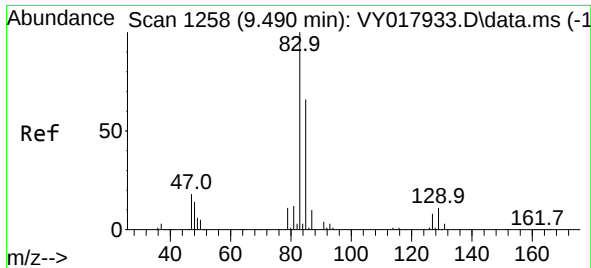
Reviewed By :Mahesh Dadoda 04/22/2024
Supervised By :Semsettin Yesilyurt 04/22/2024



#46
Dibromomethane
Concen: 17.711 ug/l
RT: 9.307 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VY017993.D
Acq: 19 Apr 2024 12:59

Tgt Ion: 93 Resp: 44310
Ion Ratio Lower Upper
93 100
95 85.5 66.2 99.4
174 108.4 80.9 121.3





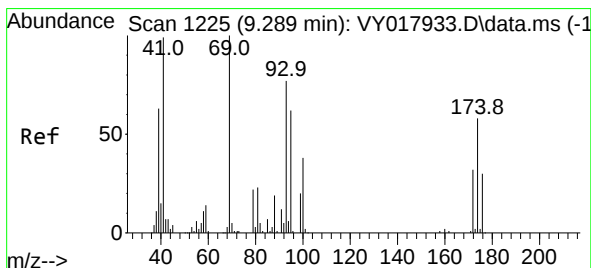
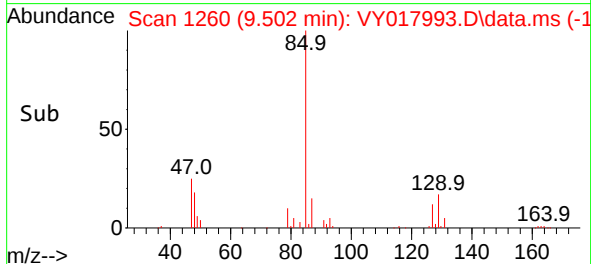
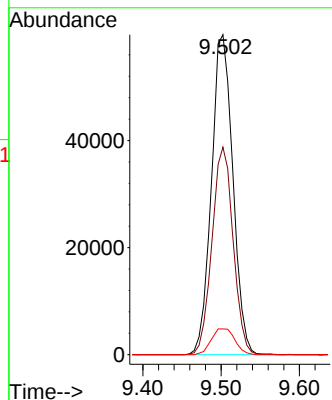
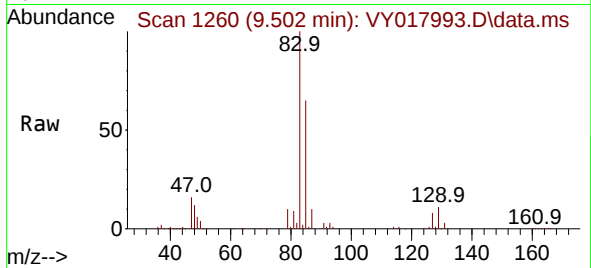
#47
Bromodichloromethane
Concen: 18.089 ug/l
RT: 9.502 min Scan# 11354
Delta R.T. 0.006 min
Lab File: VY017993.D
Acq: 19 Apr 2024 12:59

Instrument :
MSVOA_Y
ClientSampleId :
VY0419SBS01

Tgt Ion: 83 Resp: 11354
Ion Ratio Lower Upper
83 100
85 64.9 50.1 75.1
127 8.0 7.4 11.0

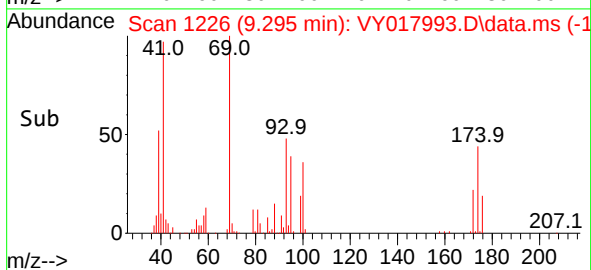
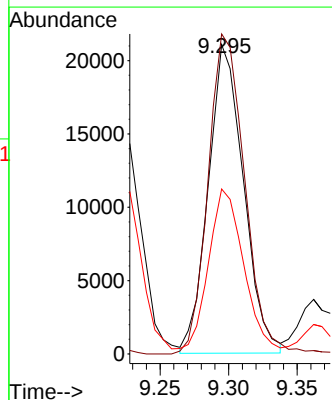
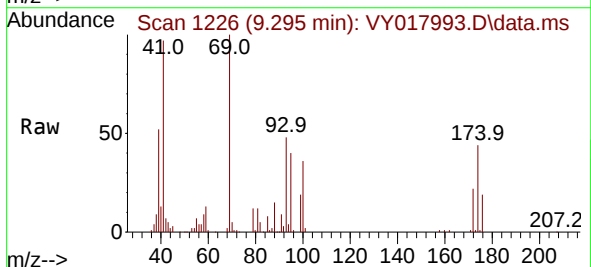
Manual Integrations
APPROVED

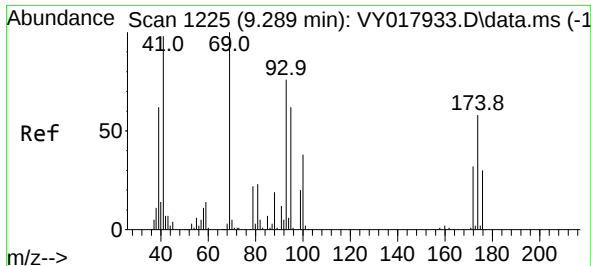
Reviewed By :Mahesh Dadoda 04/22/2024
Supervised By :Semsettin Yesilyurt 04/22/2024



#48
Methyl methacrylate
Concen: 17.085 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. 0.000 min
Lab File: VY017993.D
Acq: 19 Apr 2024 12:59

Tgt Ion: 41 Resp: 37663
Ion Ratio Lower Upper
41 100
69 107.6 84.1 126.1
39 50.8 43.6 65.4





#49

1,4-Dioxane

Concen: 351.736 ug/l

RT: 9.301 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY017993.D

Acq: 19 Apr 2024 12:59

Instrument :

MSVOA_Y

ClientSampleId :

VY0419SBSD01

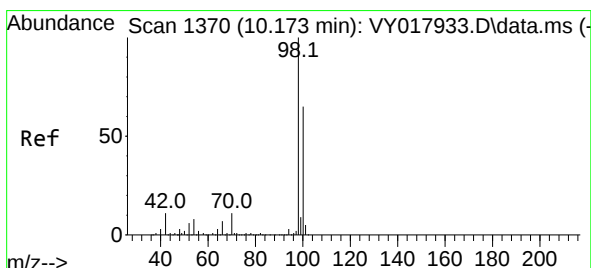
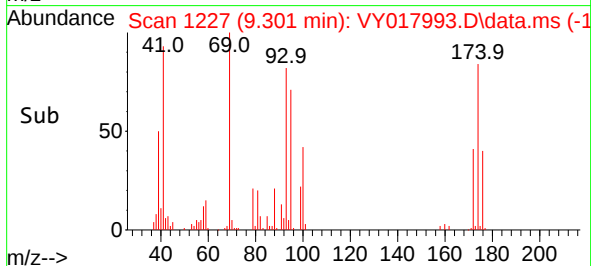
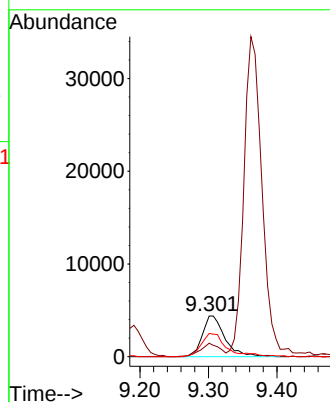
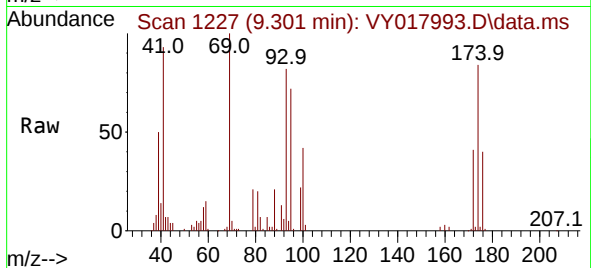
Tgt Ion: 88 Resp: 10040

Ion	Ratio	Lower	Upper
88	100		
43	28.3	0.0	0.0
58	58.3	49.3	73.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 04/22/2024
Supervised By :Semsettin Yesilyurt 04/22/2024



#50

Toluene-d8

Concen: 52.504 ug/l

RT: 10.185 min Scan# 1372

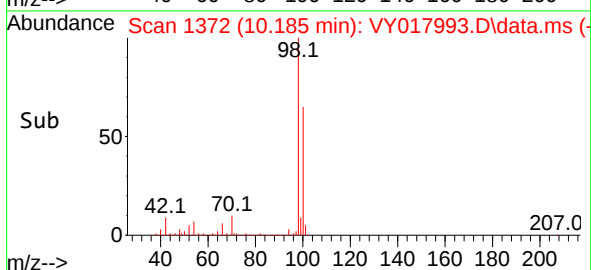
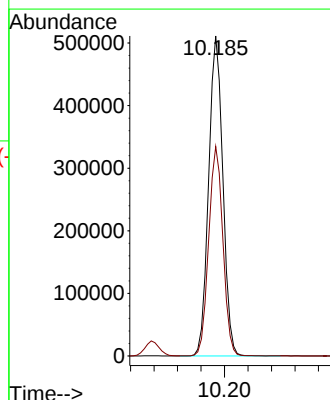
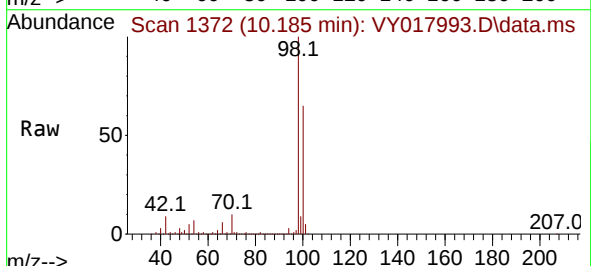
Delta R.T. 0.006 min

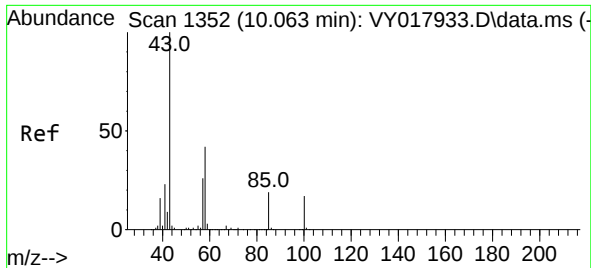
Lab File: VY017993.D

Acq: 19 Apr 2024 12:59

Tgt Ion: 98 Resp: 859343

Ion	Ratio	Lower	Upper
98	100		
100	65.3	52.0	78.0





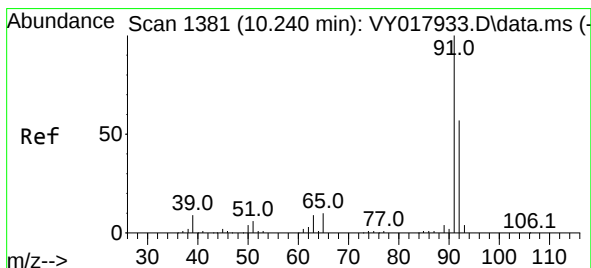
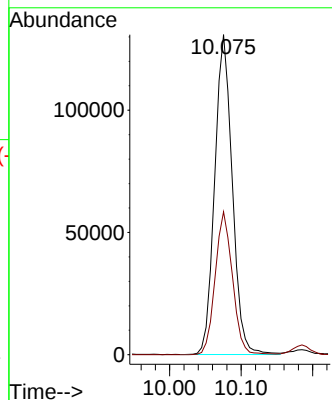
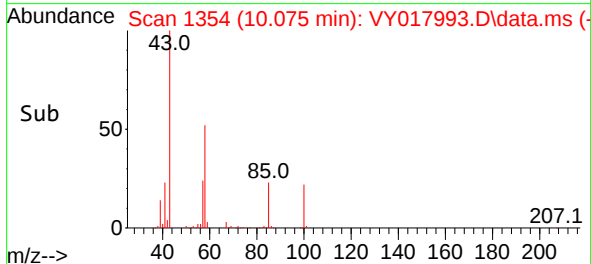
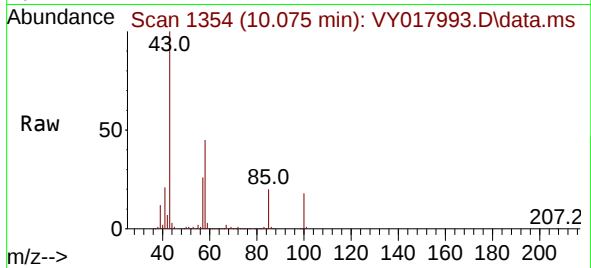
#51
4-Methyl-2-Pentanone
Concen: 87.707 ug/l
RT: 10.075 min Scan# 1352
Delta R.T. 0.006 min
Lab File: VY017993.D
Acq: 19 Apr 2024 12:59

Instrument :
MSVOA_Y
ClientSampleId :
VY0419SBSD01

Tgt Ion: 43 Resp: 22368
Ion Ratio Lower Upper
43 100
58 43.9 35.7 53.5

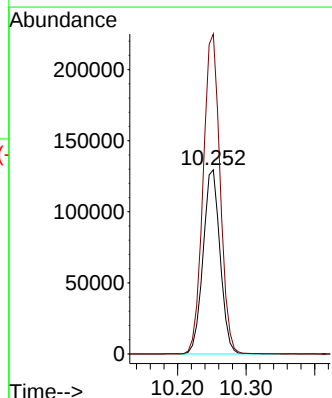
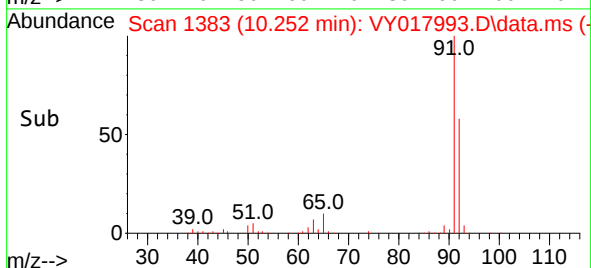
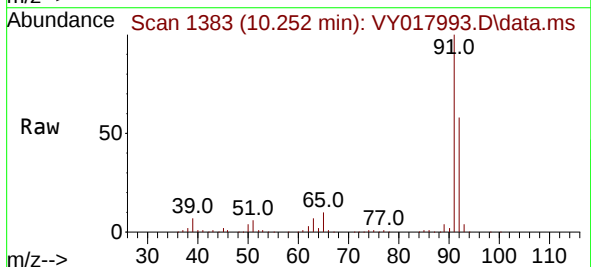
Manual Integrations
APPROVED

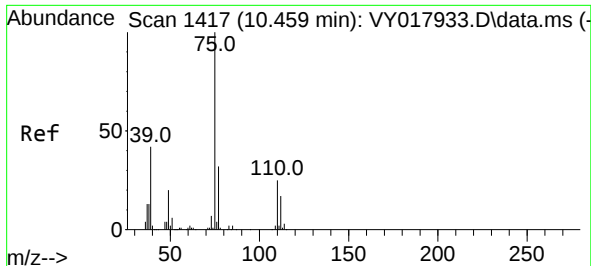
Reviewed By :Mahesh Dadoda 04/22/2024
Supervised By :Semsettin Yesilyurt 04/22/2024



#52
Toluene
Concen: 18.530 ug/l
RT: 10.252 min Scan# 1383
Delta R.T. 0.006 min
Lab File: VY017993.D
Acq: 19 Apr 2024 12:59

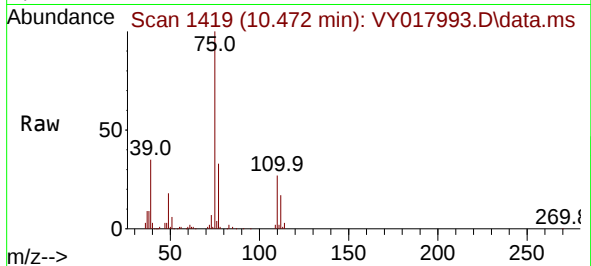
Tgt Ion: 92 Resp: 223423
Ion Ratio Lower Upper
92 100
91 173.8 139.0 208.6





#53
t-1,3-Dichloropropene
Concen: 17.865 ug/l
RT: 10.472 min Scan# 1419
Delta R.T. 0.006 min
Lab File: VY017993.D
Acq: 19 Apr 2024 12:59

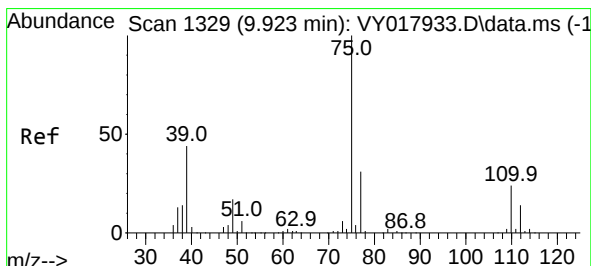
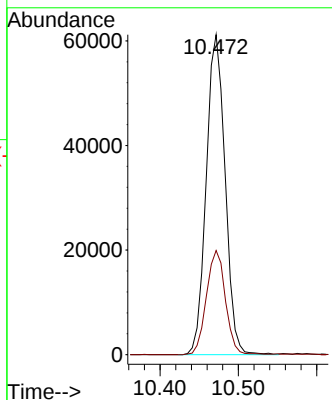
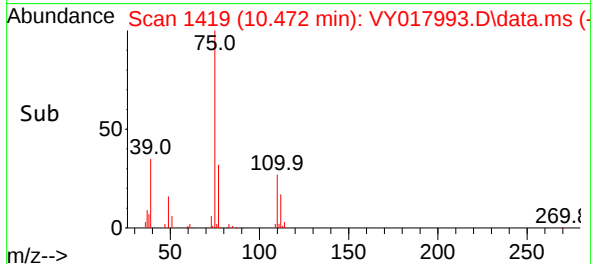
Instrument :
MSVOA_Y
ClientSampleId :
VY0419SBS01



Tgt Ion: 75 Resp: 10237
Ion Ratio Lower Upper
75 100
77 32.6 24.1 36.1

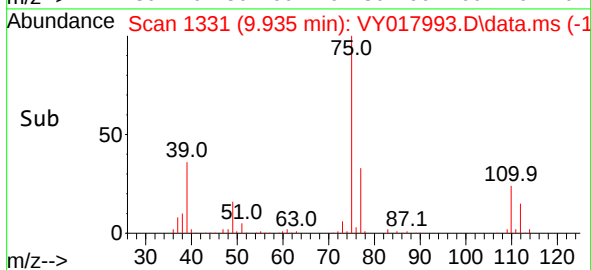
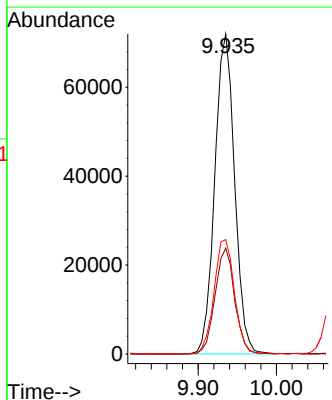
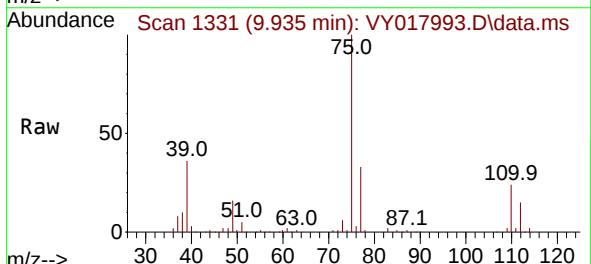
Manual Integrations
APPROVED

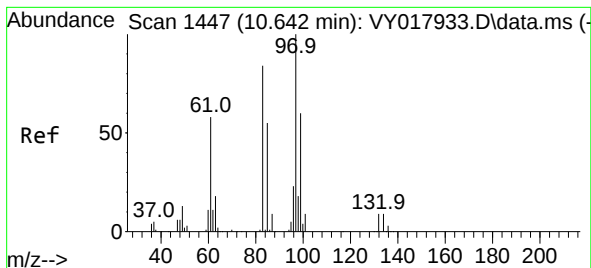
Reviewed By :Mahesh Dadoda 04/22/2024
Supervised By :Semsettin Yesilyurt 04/22/2024



#54
cis-1,3-Dichloropropene
Concen: 18.003 ug/l
RT: 9.935 min Scan# 1331
Delta R.T. 0.006 min
Lab File: VY017993.D
Acq: 19 Apr 2024 12:59

Tgt Ion: 75 Resp: 126729
Ion Ratio Lower Upper
75 100
77 33.1 25.4 38.0
39 35.7 29.8 44.6





#55

1,1,2-Trichloroethane

Concen: 18.142 ug/l

RT: 10.648 min Scan# 1447

Delta R.T. 0.006 min

Lab File: VY017993.D

Acq: 19 Apr 2024 12:59

Instrument :

MSVOA_Y

ClientSampleId :

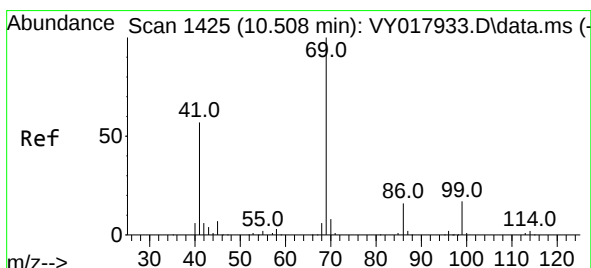
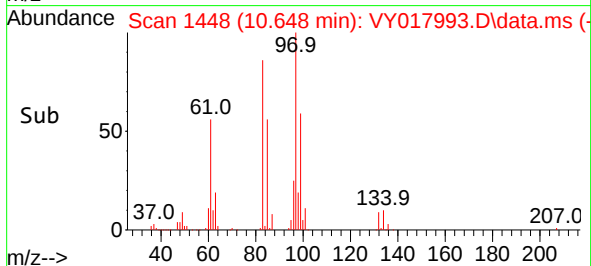
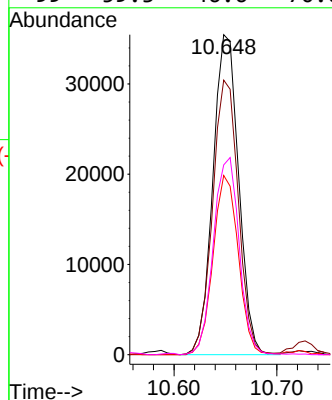
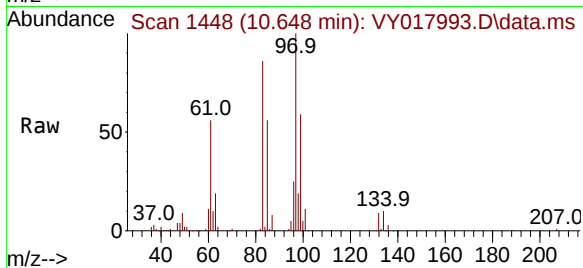
VY0419SBS01

Tgt Ion:	97	Resp:	6170
Ion	Ratio	Lower	Upper
97	100		
83	85.8	67.5	101.3
85	56.0	42.9	64.3
99	59.3	46.6	70.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 04/22/2024
Supervised By :Semsettin Yesilyurt 04/22/2024



#56

Ethyl methacrylate

Concen: 17.664 ug/l

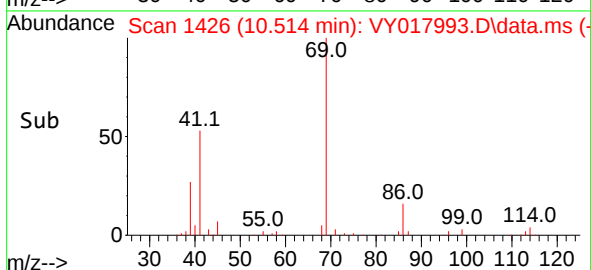
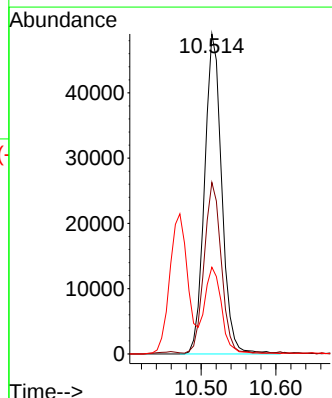
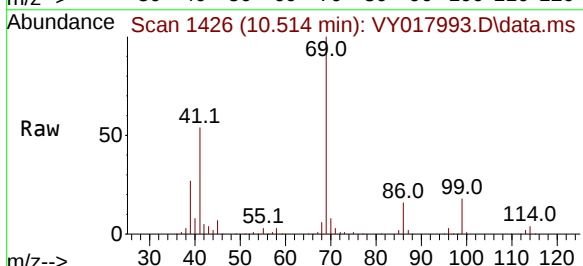
RT: 10.514 min Scan# 1426

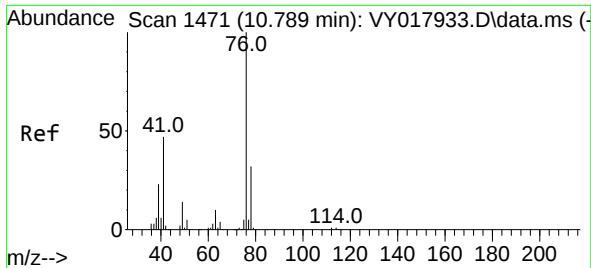
Delta R.T. 0.006 min

Lab File: VY017993.D

Acq: 19 Apr 2024 12:59

Tgt Ion:	69	Resp:	78319
Ion	Ratio	Lower	Upper
69	100		
41	53.0	42.3	63.5
39	26.1	22.9	34.3





#57

1,3-Dichloropropane

Concen: 18.164 ug/l

RT: 10.795 min Scan# 1471

Delta R.T. 0.006 min

Lab File: VY017993.D

Acq: 19 Apr 2024 12:59

Instrument :

MSVOA_Y

ClientSampleId :

VY0419SBS01

Tgt Ion: 76 Resp: 104604

Ion Ratio Lower Upper

76 100

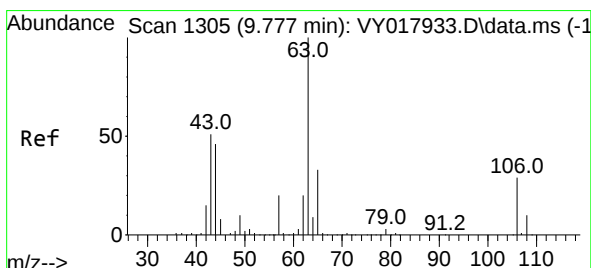
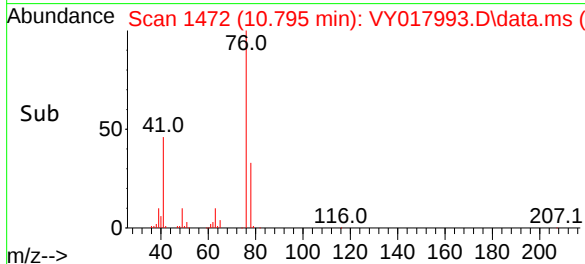
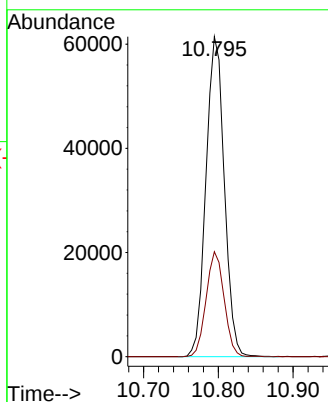
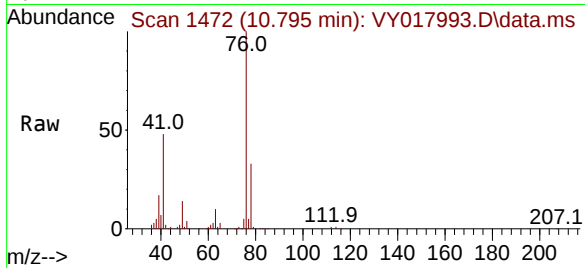
78 32.2 26.2 39.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 04/22/2024

Supervised By :Semsettin Yesilyurt 04/22/2024



#58

2-Chloroethyl Vinyl ether

Concen: 84.495 ug/l

RT: 9.789 min Scan# 1307

Delta R.T. 0.006 min

Lab File: VY017993.D

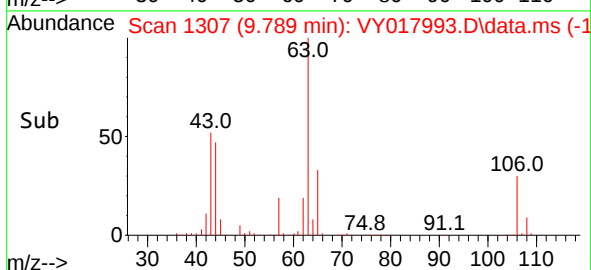
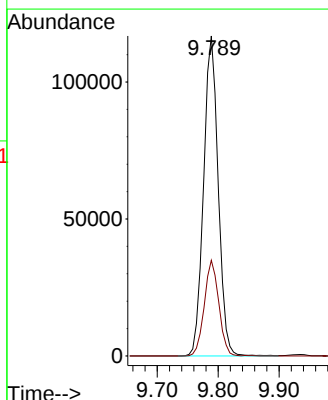
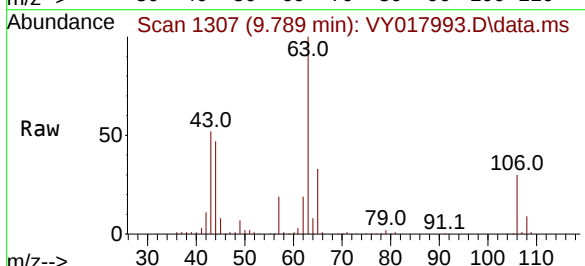
Acq: 19 Apr 2024 12:59

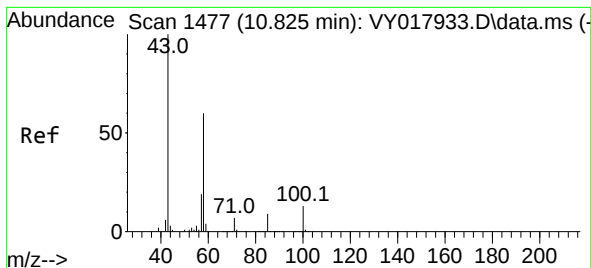
Tgt Ion: 63 Resp: 194735

Ion Ratio Lower Upper

63 100

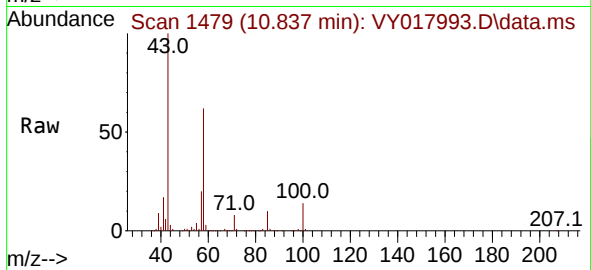
106 29.7 23.7 35.5





#59
2-Hexanone
Concen: 87.562 ug/l
RT: 10.837 min Scan# 1477
Delta R.T. 0.006 min
Lab File: VY017993.D
Acq: 19 Apr 2024 12:59

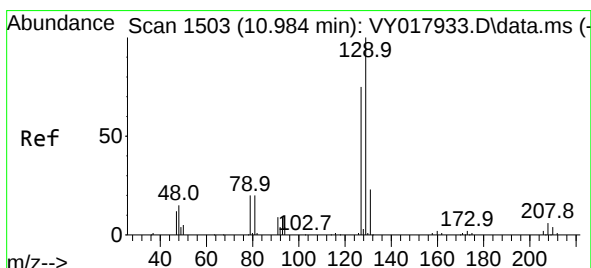
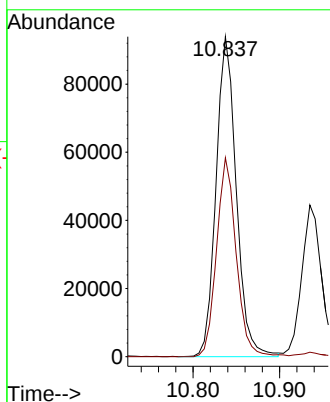
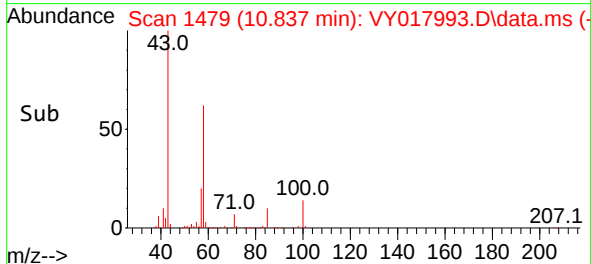
Instrument :
MSVOA_Y
ClientSampleId :
VY0419SBSD01



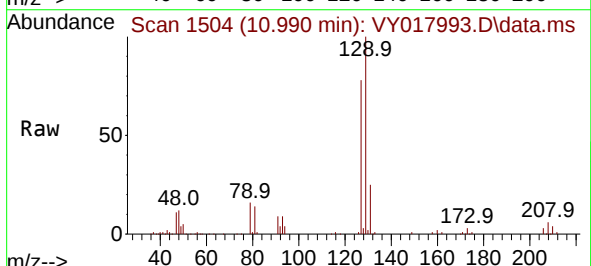
Tgt Ion: 43 Resp: 152440
Ion Ratio Lower Upper
43 100
58 60.4 31.4 94.0

Manual Integrations
APPROVED

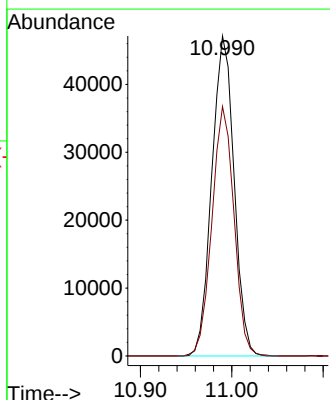
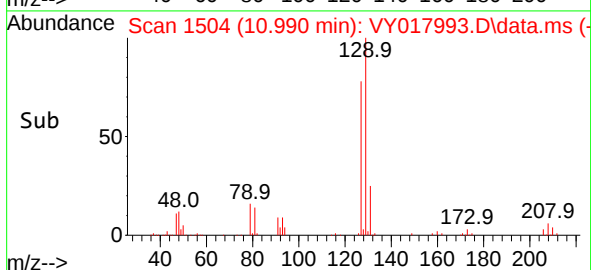
Reviewed By :Mahesh Dadoda 04/22/2024
Supervised By :Semsettin Yesilyurt 04/22/2024

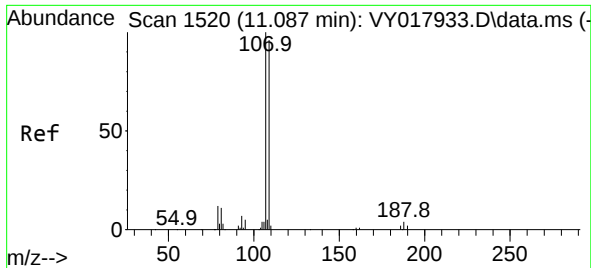


#60
Dibromochloromethane
Concen: 18.236 ug/l
RT: 10.990 min Scan# 1504
Delta R.T. 0.006 min
Lab File: VY017993.D
Acq: 19 Apr 2024 12:59



Tgt Ion:129 Resp: 79707
Ion Ratio Lower Upper
129 100
127 77.0 39.0 117.0





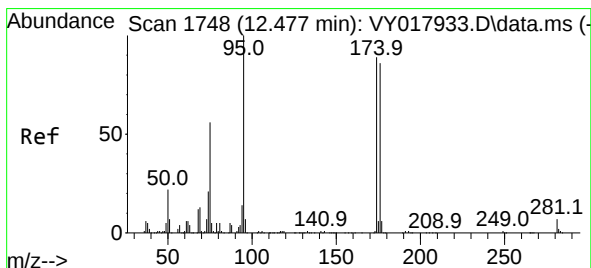
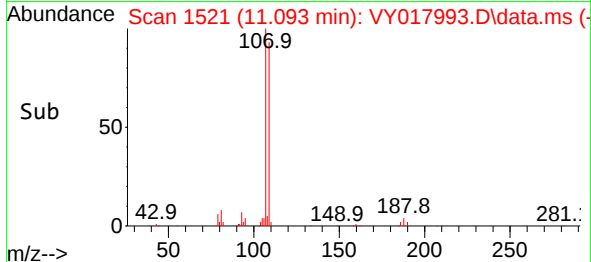
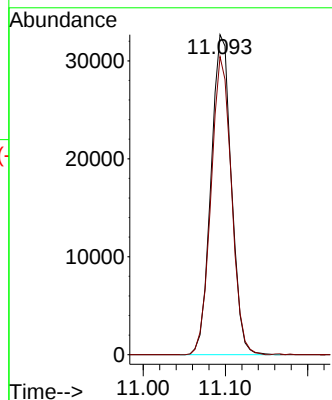
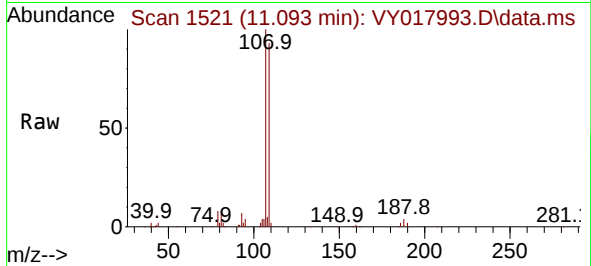
#61
1,2-Dibromoethane
Concen: 17.727 ug/l
RT: 11.093 min Scan# 1107
Delta R.T. 0.006 min
Lab File: VY017993.D
Acq: 19 Apr 2024 12:59

Instrument :
MSVOA_Y
ClientSampleId :
VY0419SBS01

Tgt Ion:107 Resp: 5618
Ion Ratio Lower Upper
107 100
109 93.5 75.9 113.9

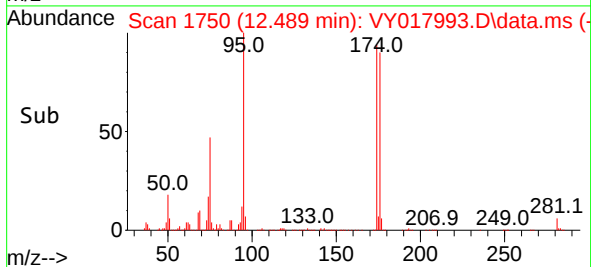
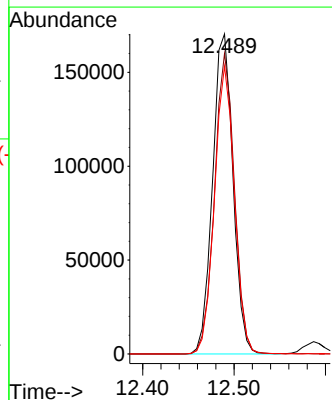
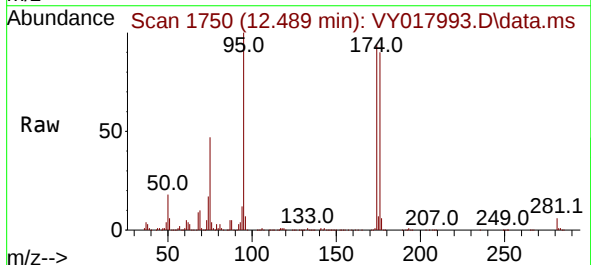
Manual Integrations
APPROVED

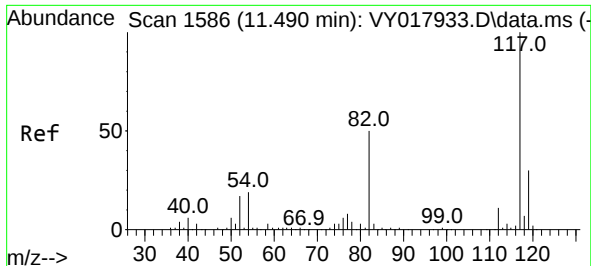
Reviewed By :Mahesh Dadoda 04/22/2024
Supervised By :Semsettin Yesilyurt 04/22/2024



#62
4-Bromofluorobenzene
Concen: 52.148 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VY017993.D
Acq: 19 Apr 2024 12:59

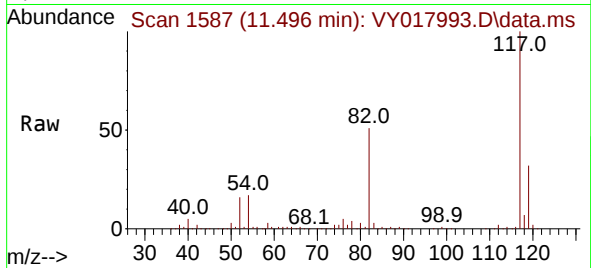
Tgt Ion: 95 Resp: 264336
Ion Ratio Lower Upper
95 100
174 92.0 0.0 175.6
176 88.1 0.0 171.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY017993.D
Acq: 19 Apr 2024 12:59

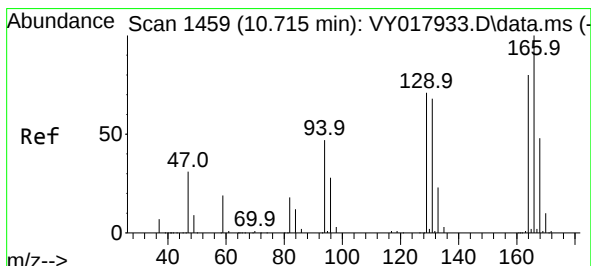
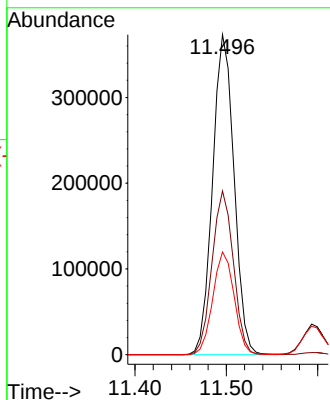
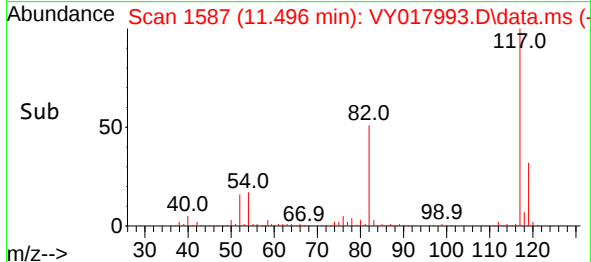
Instrument :
MSVOA_Y
ClientSampleId :
VY0419SBS01



Tgt Ion:117 Resp: 608518
Ion Ratio Lower Upper
117 100
82 51.1 42.4 63.6
119 32.1 25.9 38.9

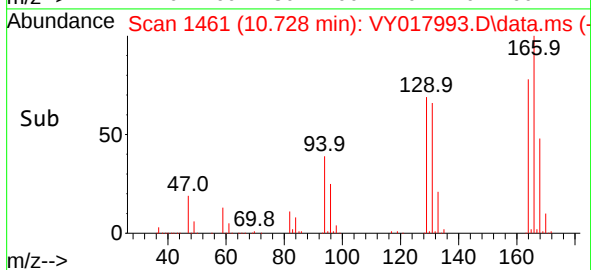
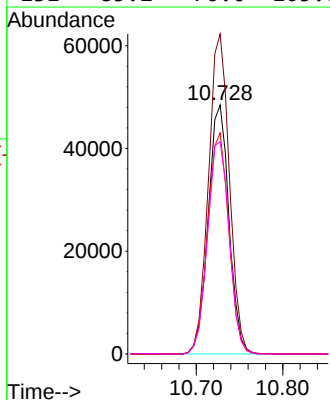
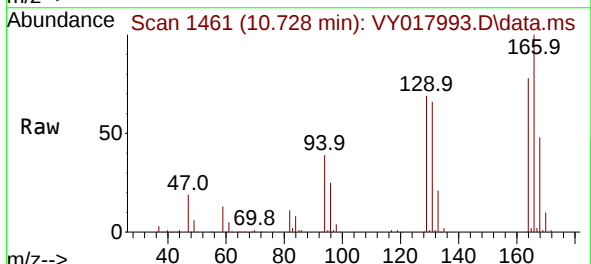
Manual Integrations
APPROVED

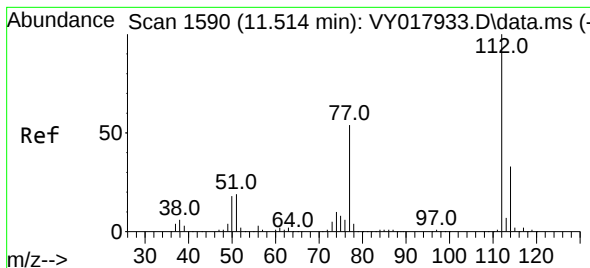
Reviewed By :Mahesh Dadoda 04/22/2024
Supervised By :Semsettin Yesilyurt 04/22/2024



#64
Tetrachloroethene
Concen: 18.513 ug/l
RT: 10.728 min Scan# 1461
Delta R.T. 0.006 min
Lab File: VY017993.D
Acq: 19 Apr 2024 12:59

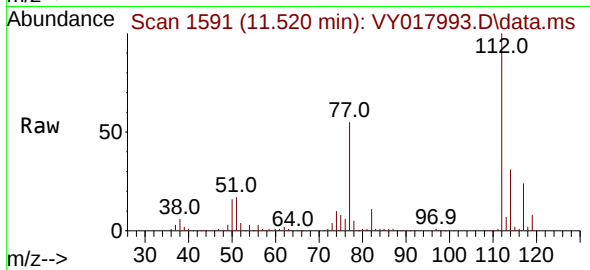
Tgt Ion:164 Resp: 80699
Ion Ratio Lower Upper
164 100
166 128.5 102.6 154.0
129 88.7 72.0 108.0
131 85.2 70.0 105.0





#65
Chlorobenzene
Concen: 18.530 ug/l
RT: 11.520 min Scan# 1590
Delta R.T. 0.006 min
Lab File: VY017993.D
Acq: 19 Apr 2024 12:59

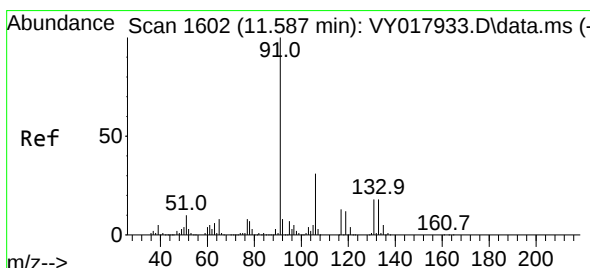
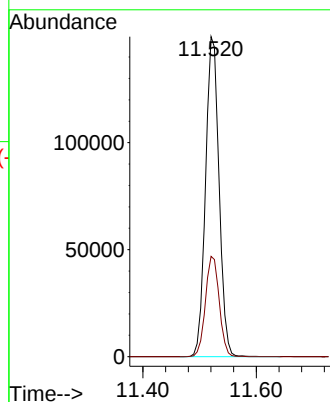
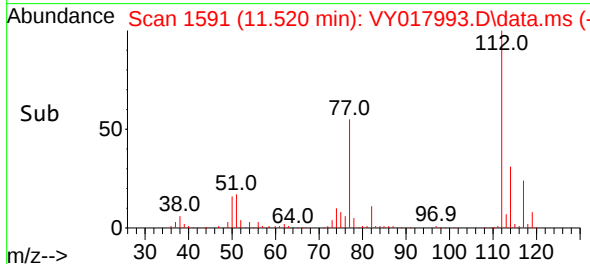
Instrument :
MSVOA_Y
ClientSampleId :
VY0419SBS01



Tgt Ion:112 Resp: 24712
Ion Ratio Lower Upper
112 100
114 31.4 26.4 39.6

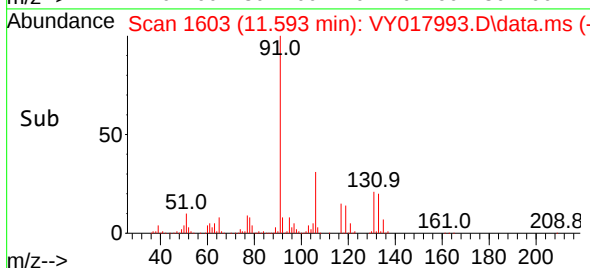
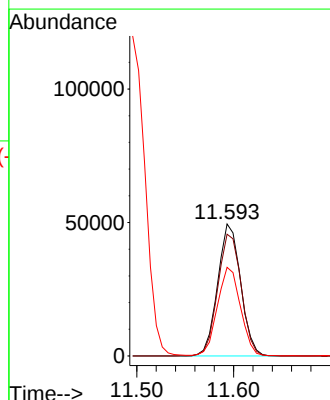
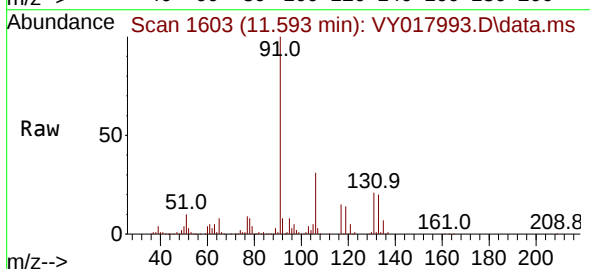
Manual Integrations
APPROVED

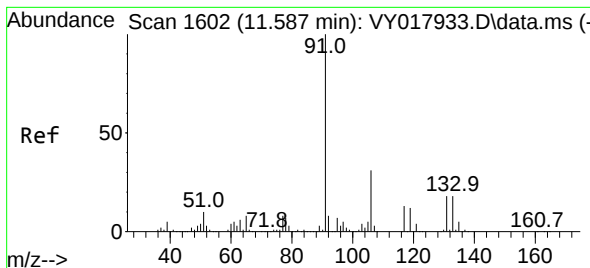
Reviewed By :Mahesh Dadoda 04/22/2024
Supervised By :Semsettin Yesilyurt 04/22/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 18.536 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.006 min
Lab File: VY017993.D
Acq: 19 Apr 2024 12:59

Tgt Ion:131 Resp: 81515
Ion Ratio Lower Upper
131 100
133 94.3 47.8 143.3
119 67.4 34.1 102.2





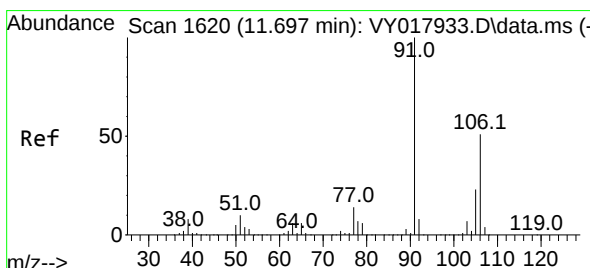
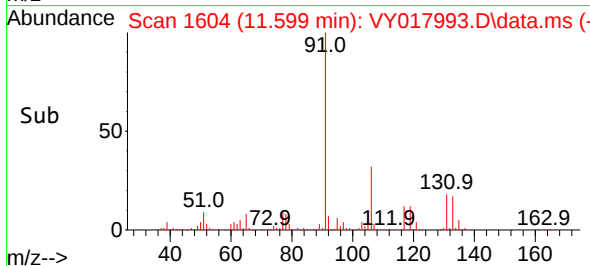
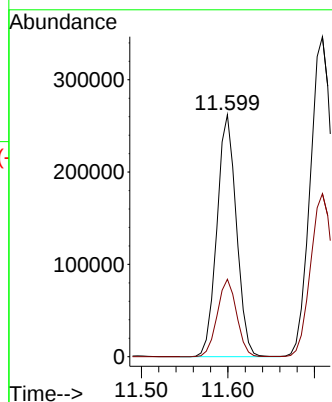
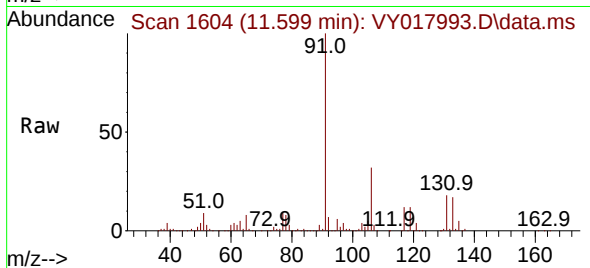
#67
Ethyl Benzene
Concen: 18.183 ug/l
RT: 11.599 min Scan# 1604
Delta R.T. 0.006 min
Lab File: VY017993.D
Acq: 19 Apr 2024 12:59

Instrument :
MSVOA_Y
ClientSampleId :
VY0419SBSD01

Tgt Ion: 91 Resp: 408307
Ion Ratio Lower Upper
91 100
106 32.0 24.5 36.7

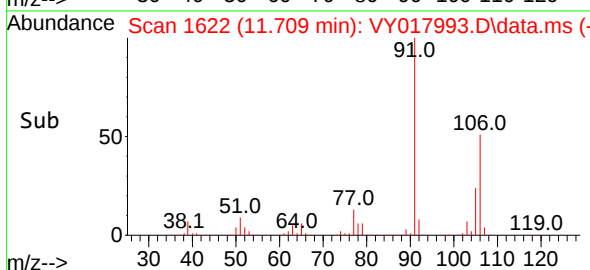
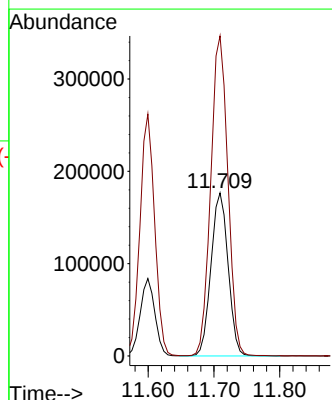
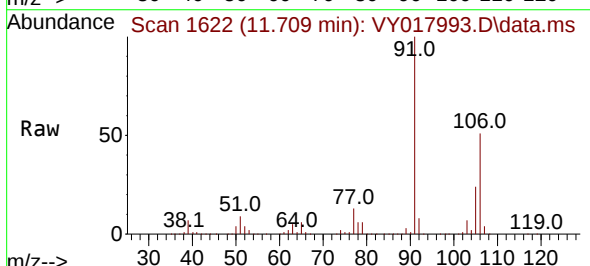
Manual Integrations
APPROVED

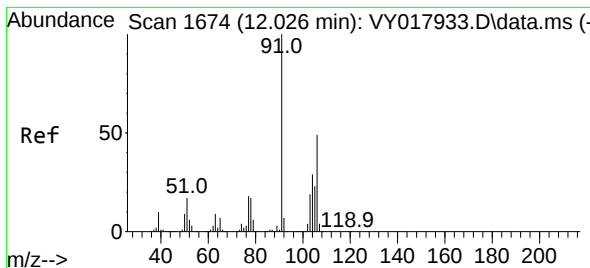
Reviewed By :Mahesh Dadoda 04/22/2024
Supervised By :Semsettin Yesilyurt 04/22/2024



#68
m/p-Xylenes
Concen: 37.041 ug/l
RT: 11.709 min Scan# 1622
Delta R.T. 0.006 min
Lab File: VY017993.D
Acq: 19 Apr 2024 12:59

Tgt Ion:106 Resp: 319474
Ion Ratio Lower Upper
106 100
91 196.4 156.0 234.0





#69

o-Xylene

Concen: 18.198 ug/l

RT: 12.038 min Scan# 1676

Delta R.T. 0.006 min

Lab File: VY017993.D

Acq: 19 Apr 2024 12:59

Instrument :

MSVOA_Y

ClientSampleId :

VY0419SBS01

Tgt Ion:106 Resp: 146578

Ion Ratio Lower Upper

106 100

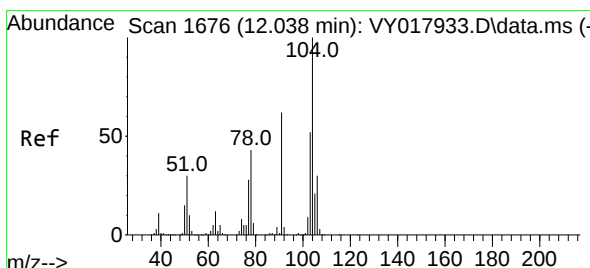
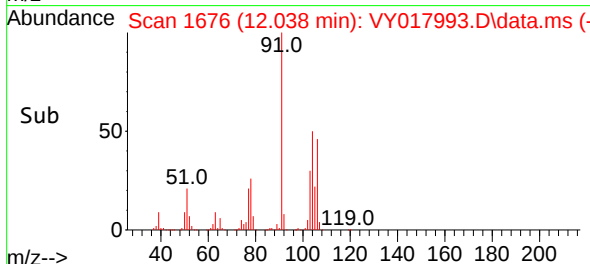
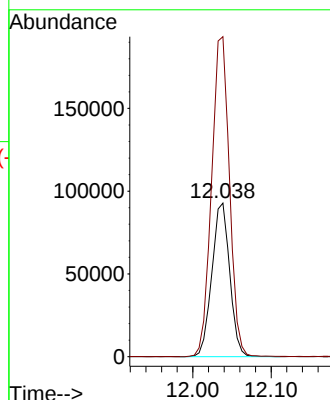
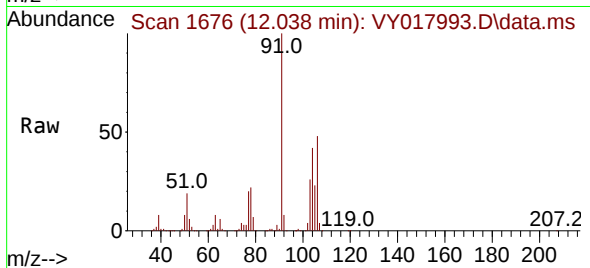
91 209.3 103.6 310.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 04/22/2024

Supervised By :Semsettin Yesilyurt 04/22/2024



#70

Styrene

Concen: 18.536 ug/l

RT: 12.051 min Scan# 1678

Delta R.T. 0.006 min

Lab File: VY017993.D

Acq: 19 Apr 2024 12:59

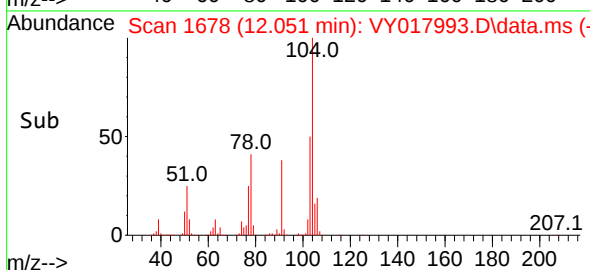
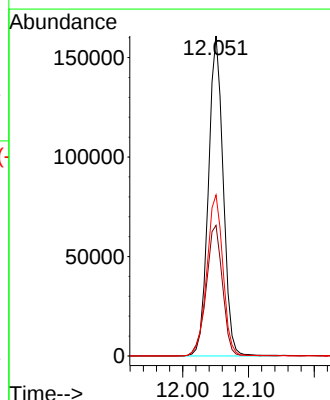
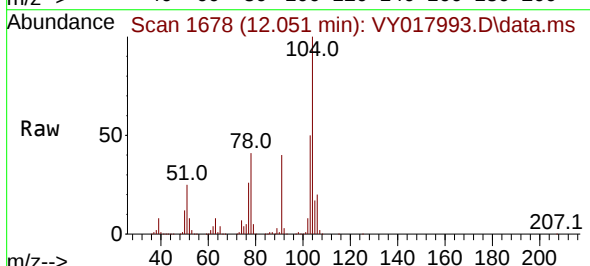
Tgt Ion:104 Resp: 252338

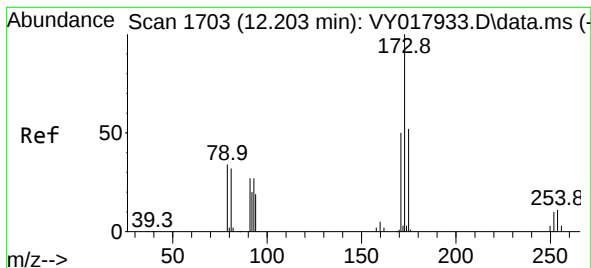
Ion Ratio Lower Upper

104 100

78 44.9 37.0 55.4

103 54.6 44.2 66.2





#71

Bromoform

Concen: 18.101 ug/l

RT: 12.215 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY017993.D

Acq: 19 Apr 2024 12:59

Instrument :

MSVOA_Y

ClientSampleId :

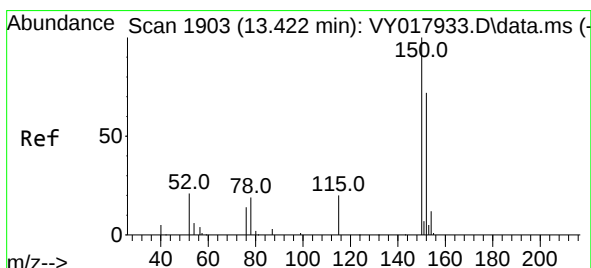
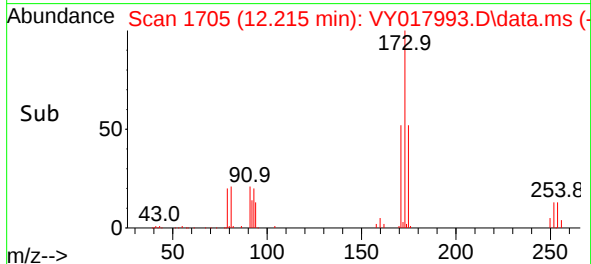
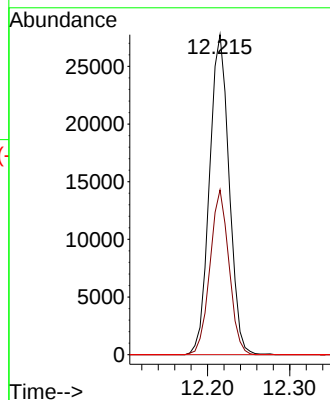
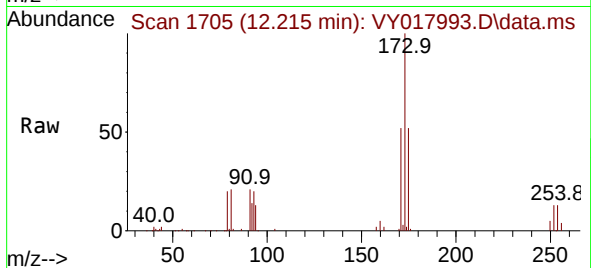
VY0419SBS01

Tgt Ion:173	Resp:	4599
Ion Ratio	Lower	Upper
173	100	
175	49.9	25.1 75.3
254	0.0	0.0 0.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 04/22/2024
Supervised By :Semsettin Yesilyurt 04/22/2024



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

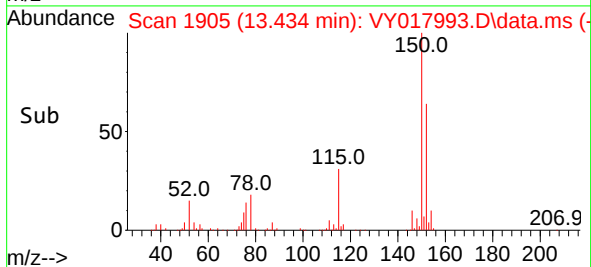
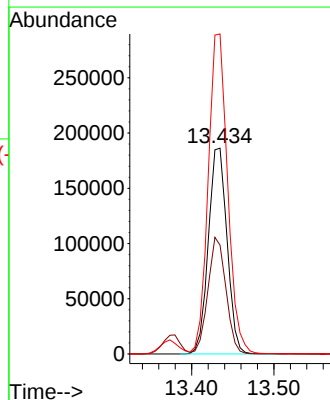
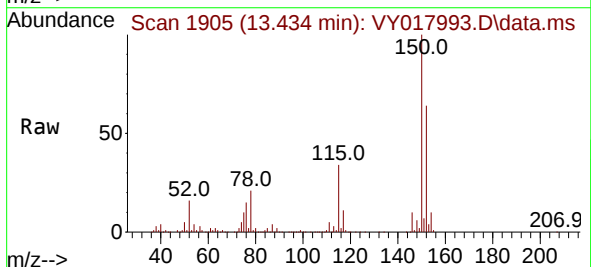
RT: 13.434 min Scan# 1905

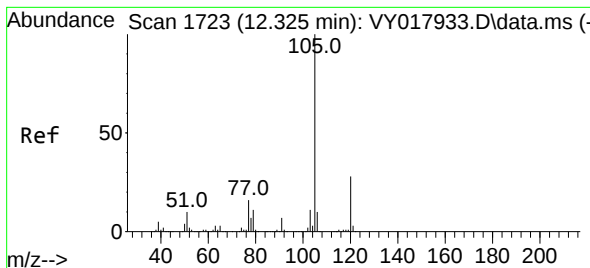
Delta R.T. 0.006 min

Lab File: VY017993.D

Acq: 19 Apr 2024 12:59

Tgt Ion:152	Resp:	294181
Ion Ratio	Lower	Upper
152	100	
115	54.4	28.2 84.7
150	161.2	0.0 345.6





#73

Isopropylbenzene

Concen: 17.911 ug/l

RT: 12.337 min Scan# 1725

Delta R.T. 0.006 min

Lab File: VY017993.D

Acq: 19 Apr 2024 12:59

Instrument :

MSVOA_Y

ClientSampleId :

VY0419SBS01

Tgt Ion:105 Resp: 38392

Ion Ratio Lower Upper

105 100

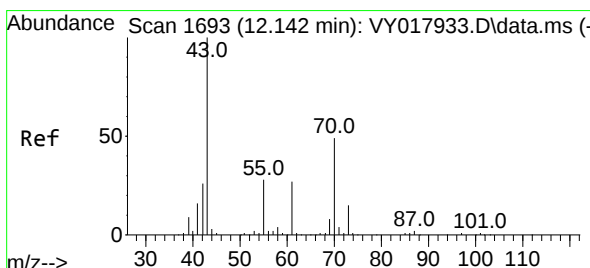
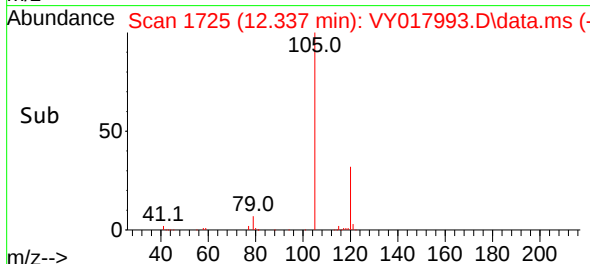
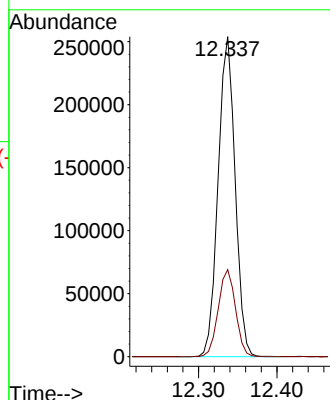
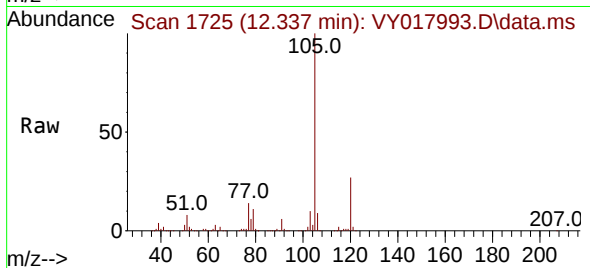
120 27.5 13.4 40.1

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 04/22/2024

Supervised By :Semsettin Yesilyurt 04/22/2024



#74

N-ethyl acetate

Concen: 16.992 ug/l

RT: 12.148 min Scan# 1694

Delta R.T. 0.006 min

Lab File: VY017993.D

Acq: 19 Apr 2024 12:59

Tgt Ion: 43 Resp: 73527

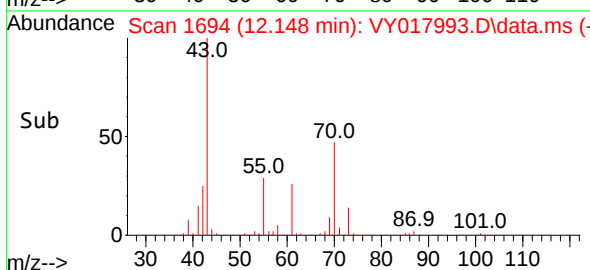
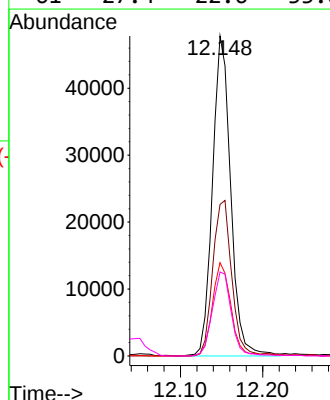
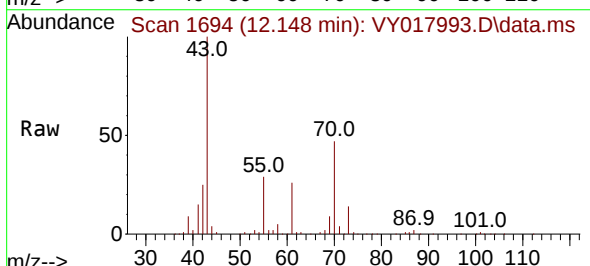
Ion Ratio Lower Upper

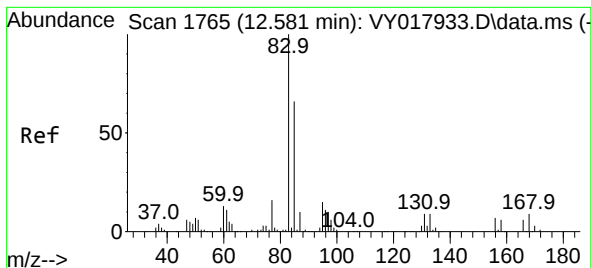
43 100

70 51.0 41.4 62.2

55 30.1 23.3 34.9

61 27.4 22.6 33.8





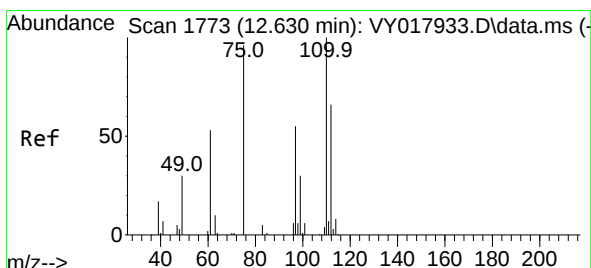
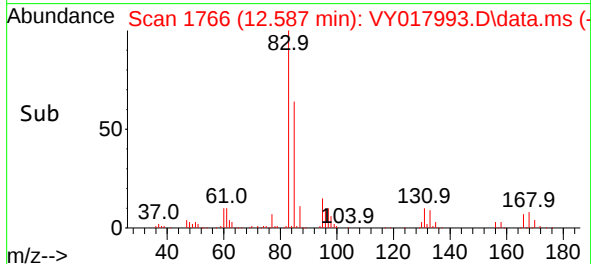
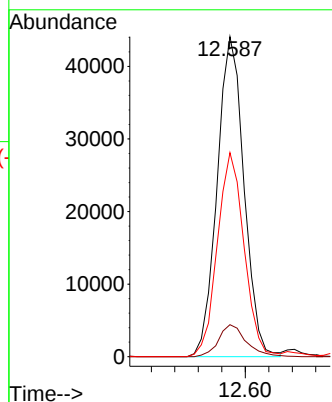
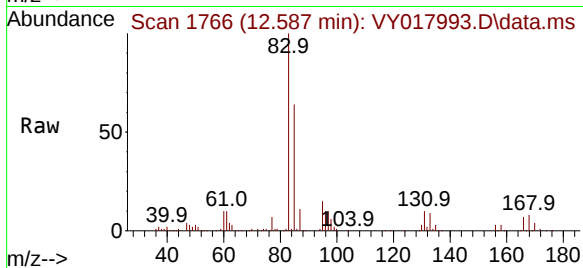
#75
1,1,2,2-Tetrachloroethane
Concen: 17.523 ug/l
RT: 12.587 min Scan# 1765
Delta R.T. 0.006 min
Lab File: VY017993.D
Acq: 19 Apr 2024 12:59

Instrument :
MSVOA_Y
ClientSampleId :
VY0419SBSD01

Tgt Ion: 83 Resp: 70050
Ion Ratio Lower Upper
83 100
131 10.3 5.0 14.9
85 63.4 32.0 96.0

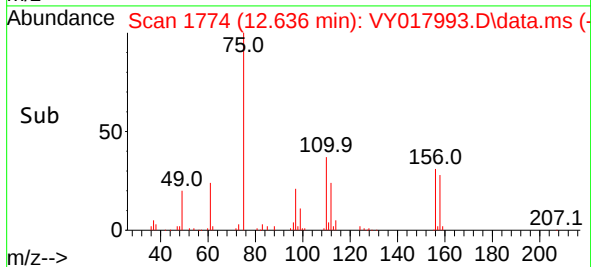
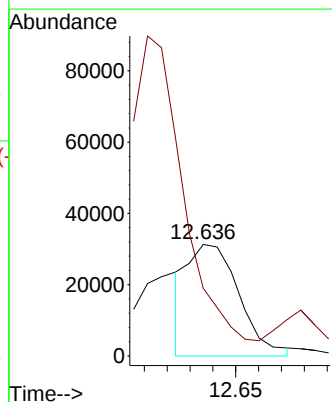
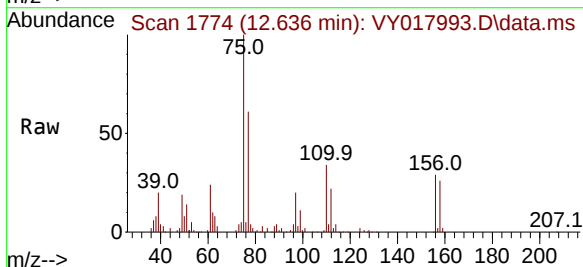
Manual Integrations
APPROVED

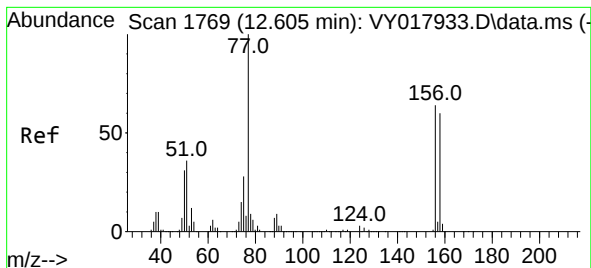
Reviewed By :Mahesh Dadoda 04/22/2024
Supervised By :Semsettin Yesilyurt 04/22/2024



#76
1,2,3-Trichloropropane
Concen: 17.790 ug/l m
RT: 12.636 min Scan# 1774
Delta R.T. 0.000 min
Lab File: VY017993.D
Acq: 19 Apr 2024 12:59

Tgt Ion: 75 Resp: 49109
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 18.182 ug/l

RT: 12.617 min Scan# 1771

Delta R.T. 0.006 min

Lab File: VY017993.D

Acq: 19 Apr 2024 12:59

Instrument :

MSVOA_Y

ClientSampleId :

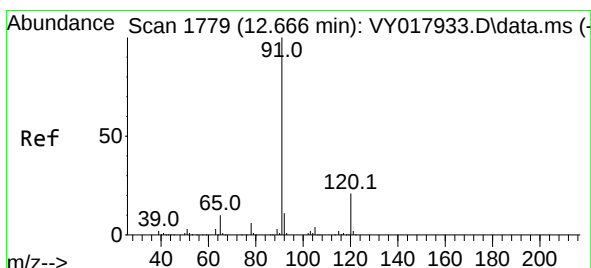
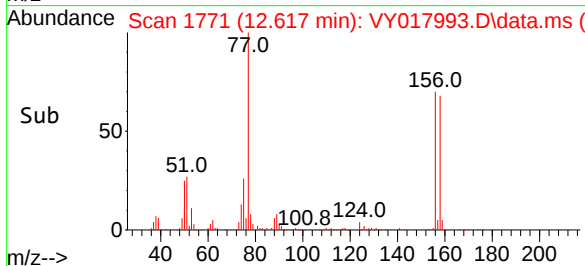
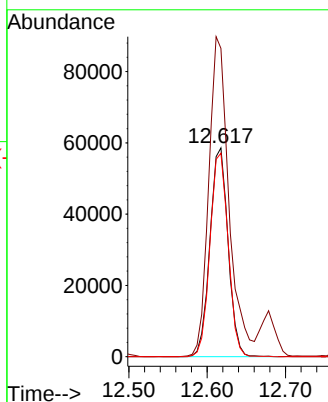
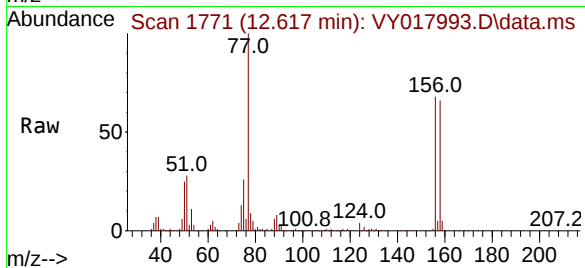
VY0419SBS01

Tgt Ion:	156	Resp:	94318
Ion Ratio	Lower	Upper	
156	100		
77	170.3	87.1	261.3
158	97.4	48.6	145.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 04/22/2024
Supervised By :Semsettin Yesilyurt 04/22/2024



#78

n-propylbenzene

Concen: 17.991 ug/l

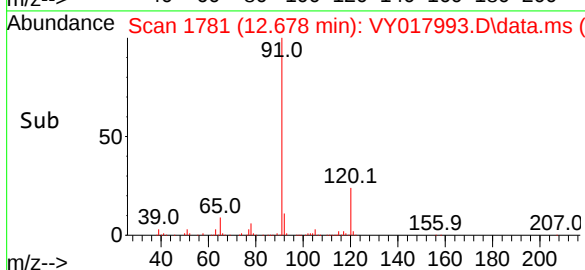
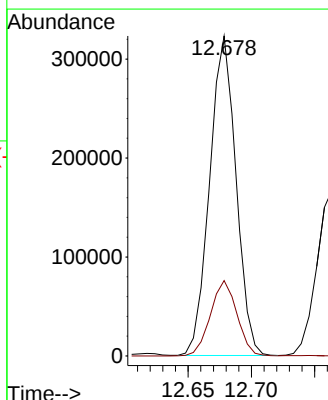
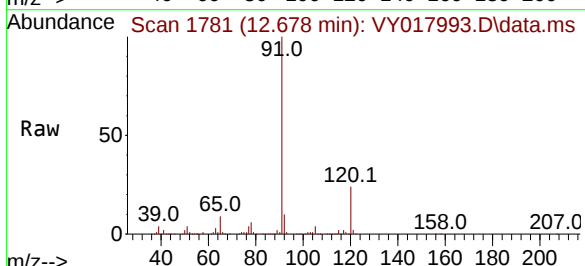
RT: 12.678 min Scan# 1781

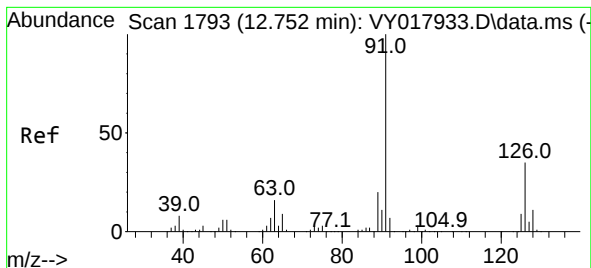
Delta R.T. 0.006 min

Lab File: VY017993.D

Acq: 19 Apr 2024 12:59

Tgt Ion:	91	Resp:	467910
Ion Ratio	Lower	Upper	
91	100		
120	23.7	11.5	34.4





#79

2-Chlorotoluene

Concen: 17.881 ug/l

RT: 12.764 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY017993.D

Acq: 19 Apr 2024 12:59

Instrument :

MSVOA_Y

ClientSampleId :

VY0419SBS01

Tgt Ion: 91 Resp: 26030

Ion Ratio Lower Upper

91 100

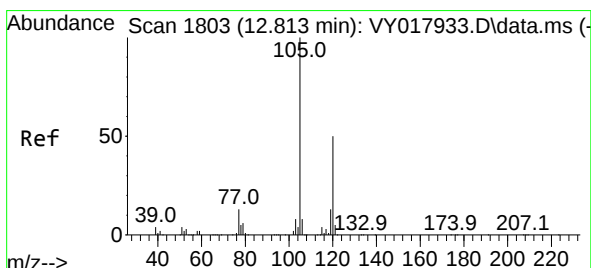
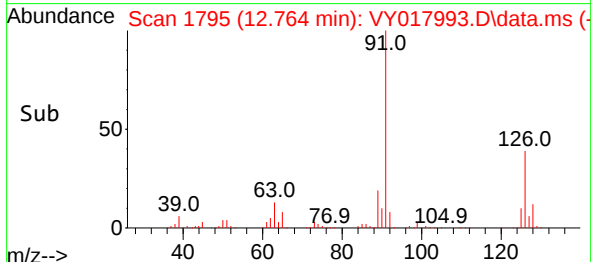
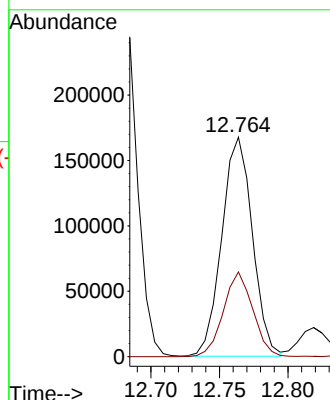
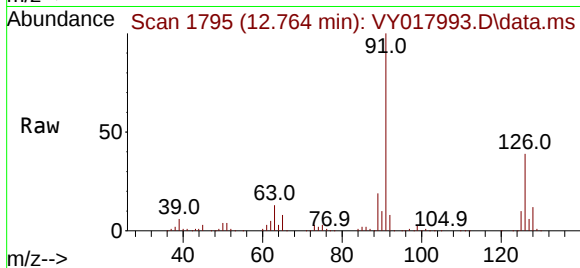
126 37.2 17.8 53.5

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 04/22/2024

Supervised By :Semsettin Yesilyurt 04/22/2024



#80

1,3,5-Trimethylbenzene

Concen: 18.352 ug/l

RT: 12.819 min Scan# 1804

Delta R.T. 0.006 min

Lab File: VY017993.D

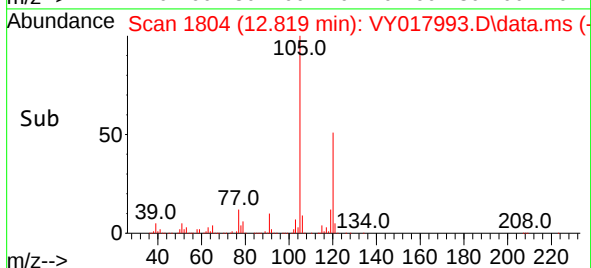
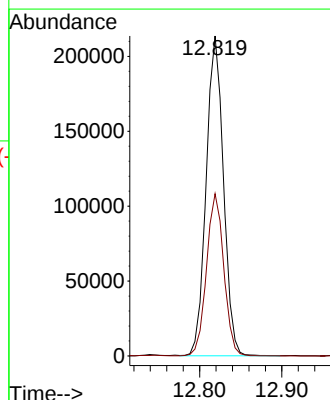
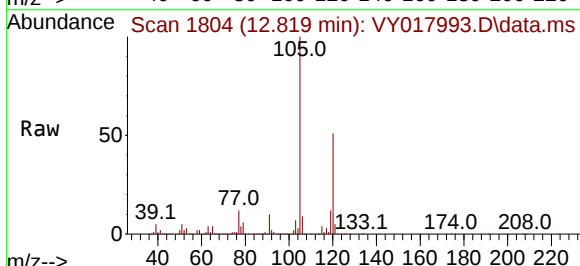
Acq: 19 Apr 2024 12:59

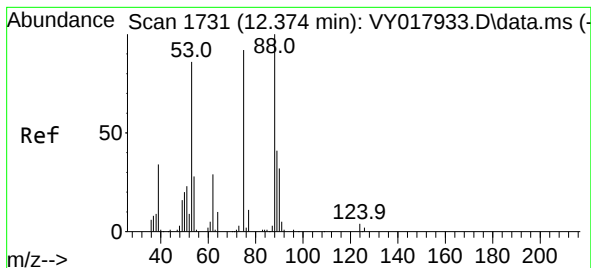
Tgt Ion:105 Resp: 311925

Ion Ratio Lower Upper

105 100

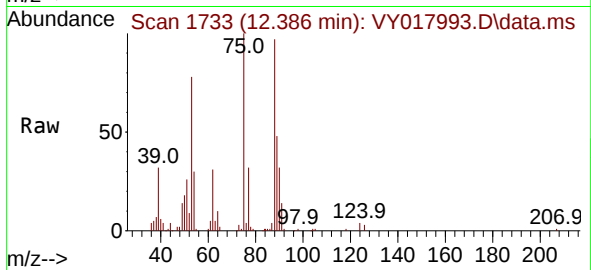
120 50.6 25.1 75.2





#81
trans-1,4-Dichloro-2-butene
Concen: 16.756 ug/l
RT: 12.386 min Scan# 1733
Delta R.T. 0.006 min
Lab File: VY017993.D
Acq: 19 Apr 2024 12:59

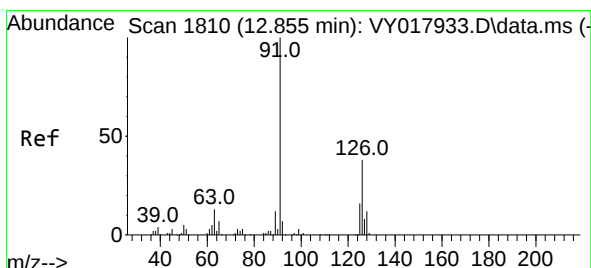
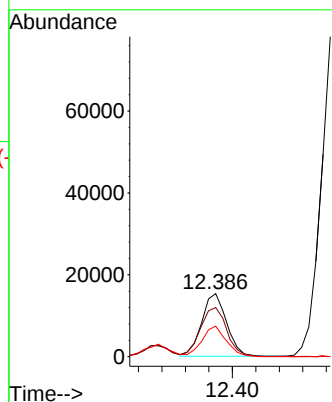
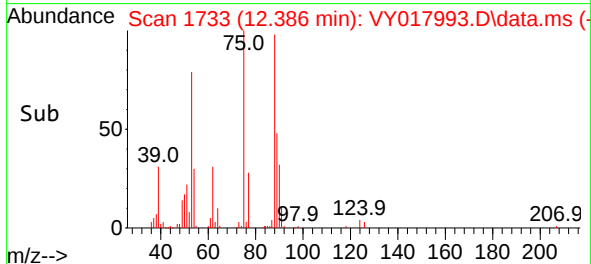
Instrument :
MSVOA_Y
ClientSampleId :
VY0419SBSD01



Tgt Ion: 75 Resp: 22434
Ion Ratio Lower Upper
75 100
53 84.6 66.8 100.2
89 47.1 35.8 53.6

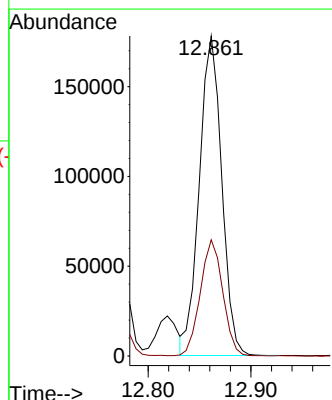
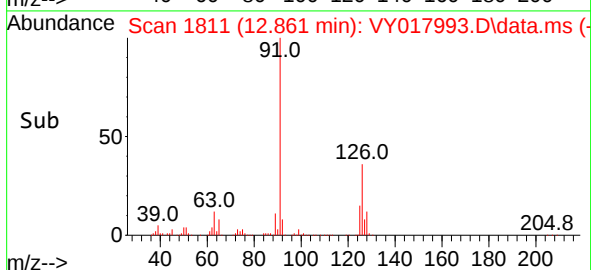
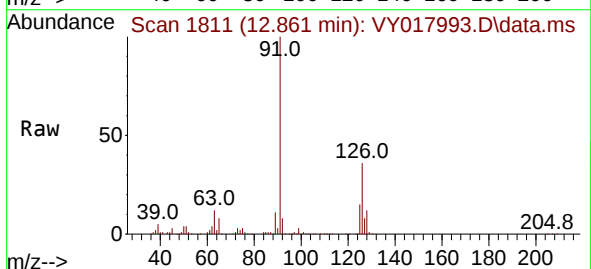
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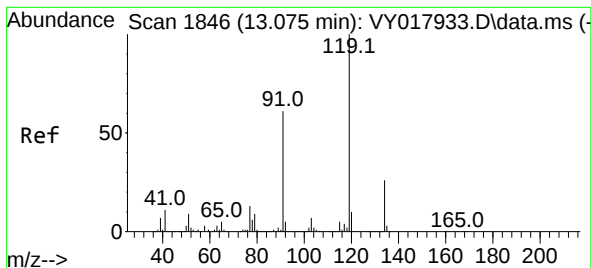
Reviewed By :Mahesh Dadoda 04/22/2024
Supervised By :Semsettin Yesilyurt 04/22/2024



#82
4-Chlorotoluene
Concen: 17.916 ug/l
RT: 12.861 min Scan# 1811
Delta R.T. 0.006 min
Lab File: VY017993.D
Acq: 19 Apr 2024 12:59

Tgt Ion: 91 Resp: 270121
Ion Ratio Lower Upper
91 100
126 36.3 17.6 52.9





#83

tert-Butylbenzene

Concen: 18.226 ug/l

RT: 13.081 min Scan# 1846

Delta R.T. 0.006 min

Lab File: VY017993.D

Acq: 19 Apr 2024 12:59

Instrument :

MSVOA_Y

ClientSampleId :

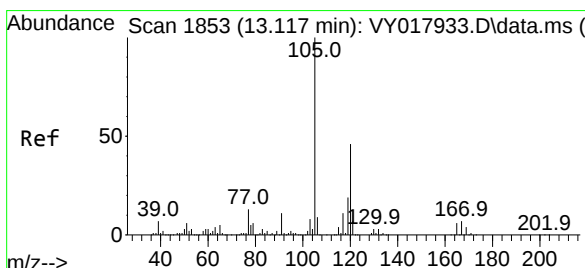
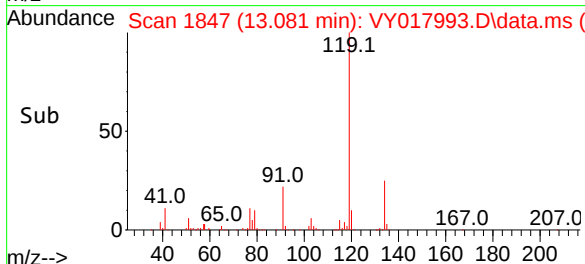
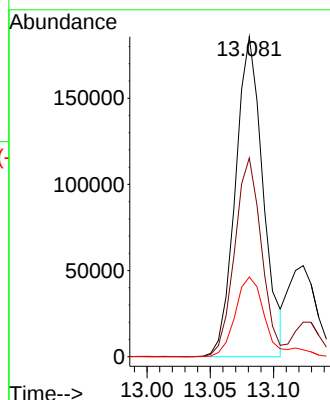
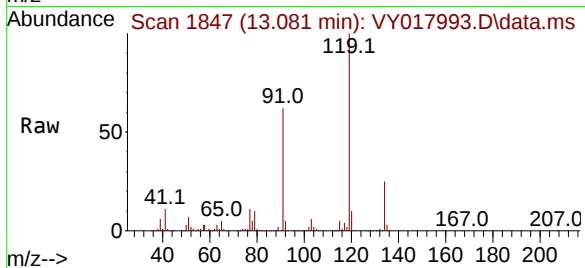
VY0419SBSD01

Tgt Ion:	119	Resp:	28294
Ion Ratio	Lower	Upper	
119	100		
91	60.2	31.3	93.8
134	27.7	13.4	40.1

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 04/22/2024
Supervised By :Semsettin Yesilyurt 04/22/2024



#84

1,2,4-Trimethylbenzene

Concen: 18.254 ug/l

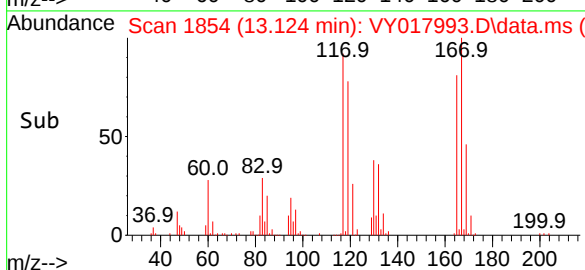
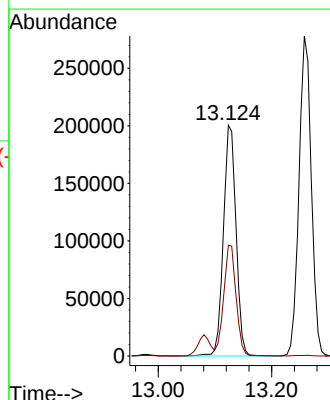
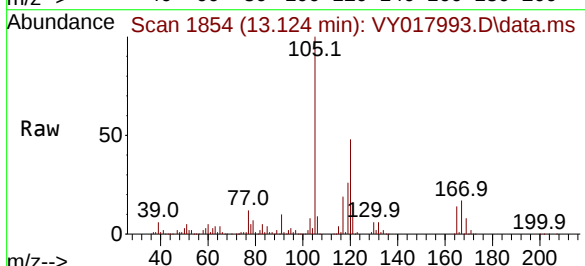
RT: 13.124 min Scan# 1854

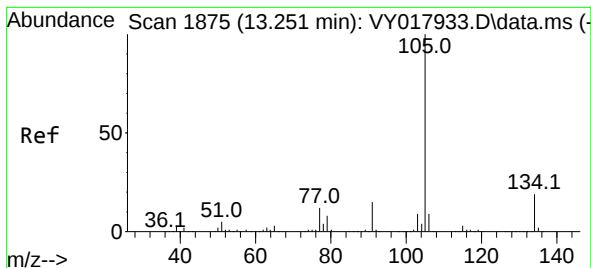
Delta R.T. 0.006 min

Lab File: VY017993.D

Acq: 19 Apr 2024 12:59

Tgt Ion:	105	Resp:	308989
Ion Ratio	Lower	Upper	
105	100		
120	47.0	23.2	69.6





#85

sec-Butylbenzene

Concen: 17.932 ug/l

RT: 13.258 min Scan# 1876

Delta R.T. 0.006 min

Lab File: VY017993.D

Acq: 19 Apr 2024 12:59

Instrument :

MSVOA_Y

ClientSampleId :

VY0419SBS01

Tgt Ion:105 Resp: 41813

Ion Ratio Lower Upper

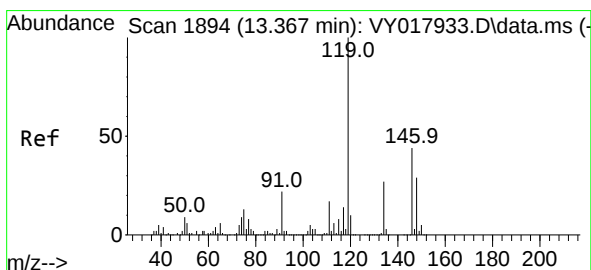
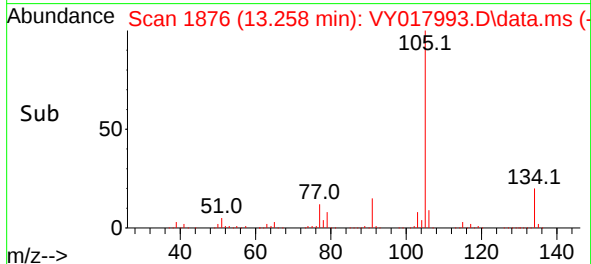
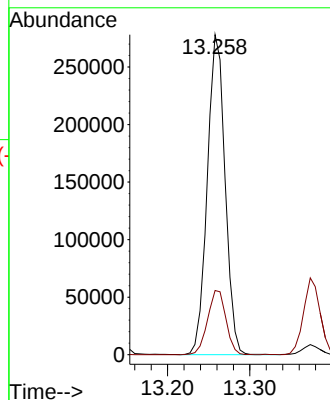
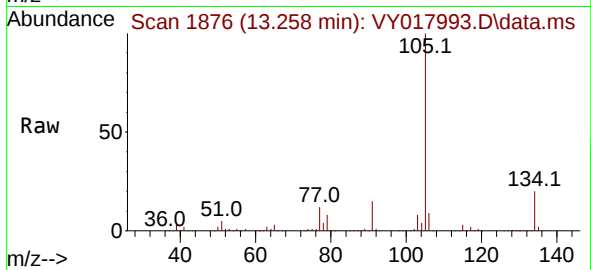
105 100

134 20.7 10.1 30.1

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 04/22/2024
Supervised By :Semsettin Yesilyurt 04/22/2024



#86

p-Isopropyltoluene

Concen: 18.140 ug/l

RT: 13.373 min Scan# 1895

Delta R.T. 0.006 min

Lab File: VY017993.D

Acq: 19 Apr 2024 12:59

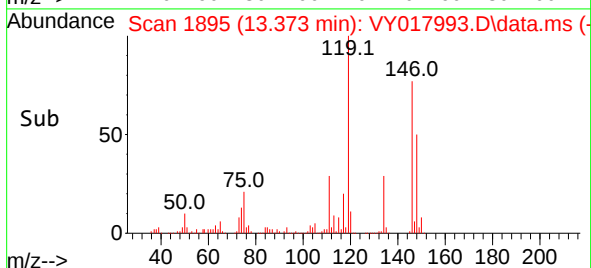
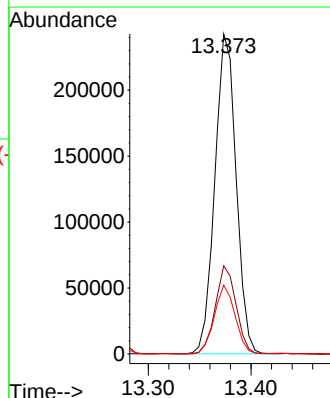
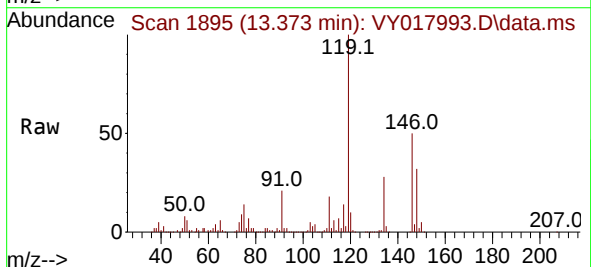
Tgt Ion:119 Resp: 347565

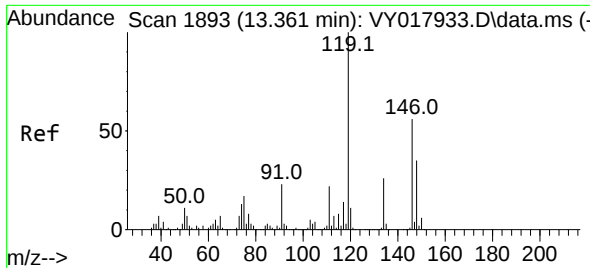
Ion Ratio Lower Upper

119 100

134 26.9 13.1 39.3

91 20.9 10.7 32.1





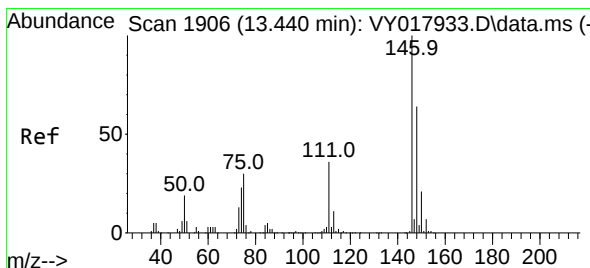
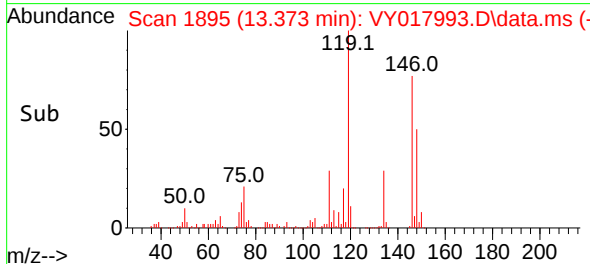
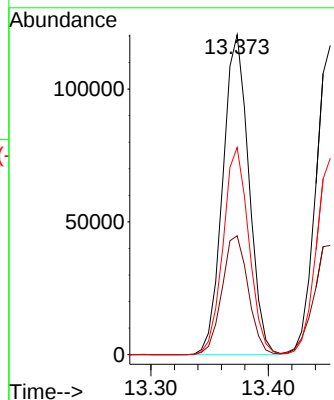
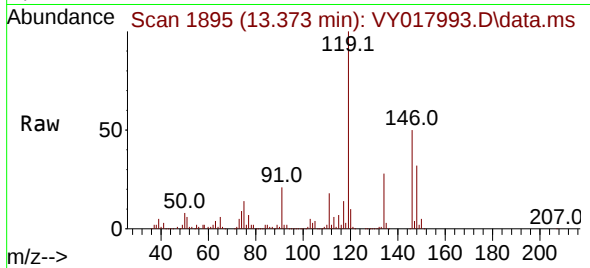
#87
1,3-Dichlorobenzene
Concen: 18.004 ug/l
RT: 13.373 min Scan# 1893
Delta R.T. 0.006 min
Lab File: VY017993.D
Acq: 19 Apr 2024 12:59

Instrument :
MSVOA_Y
ClientSampleId :
VY0419SBS01

Tgt Ion:146 Resp: 18530
Ion Ratio Lower Upper
146 100
111 37.6 19.0 57.0
148 64.2 31.7 95.1

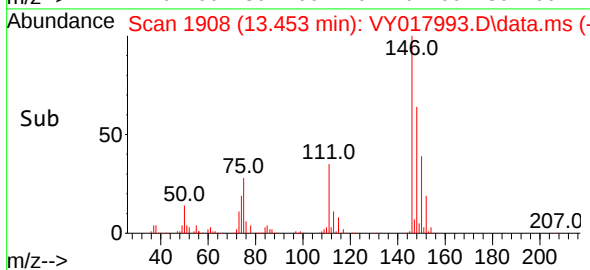
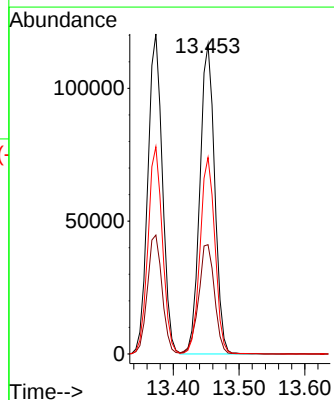
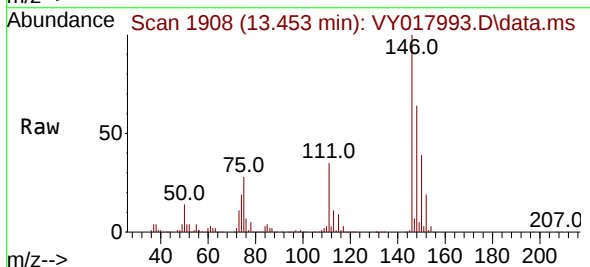
Manual Integrations
APPROVED

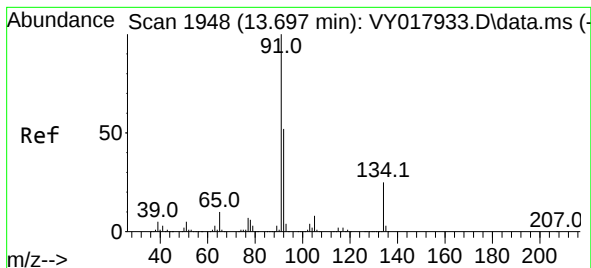
Reviewed By :Mahesh Dadoda 04/22/2024
Supervised By :Semsettin Yesilyurt 04/22/2024



#88
1,4-Dichlorobenzene
Concen: 18.104 ug/l
RT: 13.453 min Scan# 1908
Delta R.T. 0.006 min
Lab File: VY017993.D
Acq: 19 Apr 2024 12:59

Tgt Ion:146 Resp: 182922
Ion Ratio Lower Upper
146 100
111 37.7 18.4 55.4
148 63.6 32.4 97.2





#89

n-Butylbenzene

Concen: 17.819 ug/l

RT: 13.703 min Scan# 1948

Delta R.T. 0.006 min

Lab File: VY017993.D

Acq: 19 Apr 2024 12:59

Instrument :

MSVOA_Y

ClientSampleId :

VY0419SBS01

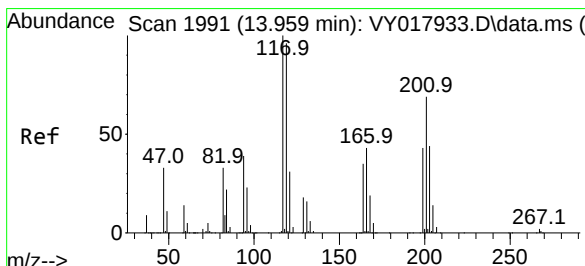
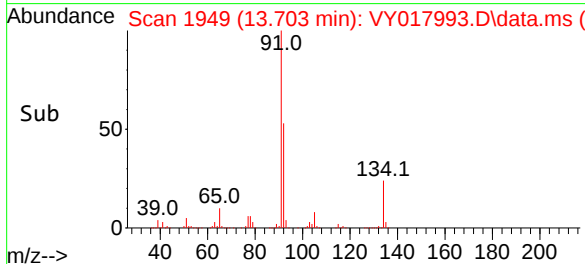
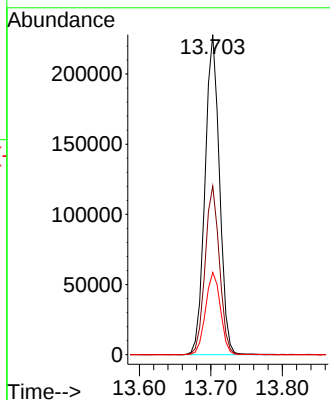
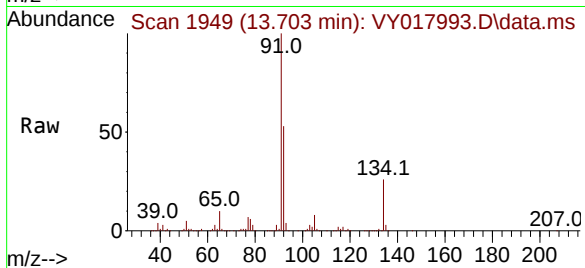
Tgt Ion: 91 Resp: 321204

Ion	Ratio	Lower	Upper
91	100		
92	52.3	26.6	79.7
134	26.5	12.9	38.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 04/22/2024
Supervised By :Semsettin Yesilyurt 04/22/2024



#90

Hexachloroethane

Concen: 17.770 ug/l

RT: 13.965 min Scan# 1992

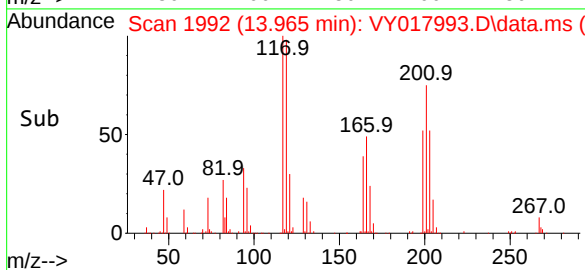
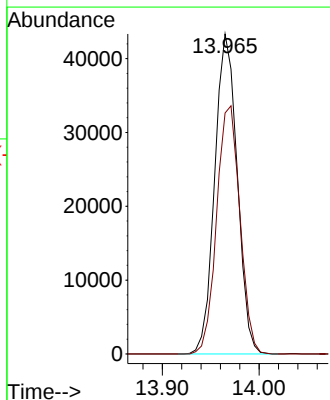
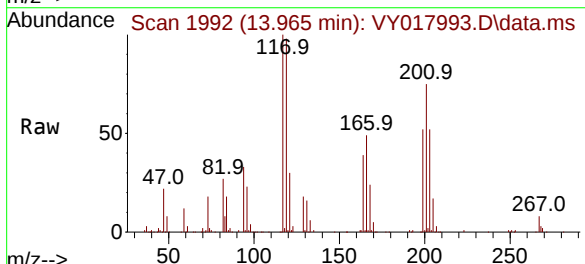
Delta R.T. 0.006 min

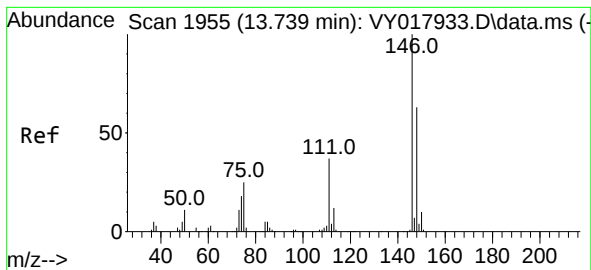
Lab File: VY017993.D

Acq: 19 Apr 2024 12:59

Tgt Ion:117 Resp: 69817

Ion	Ratio	Lower	Upper
117	100		
201	80.3	37.4	112.2





#91

1,2-Dichlorobenzene

Concen: 18.205 ug/l

RT: 13.745 min Scan# 1955

Delta R.T. 0.006 min

Lab File: VY017993.D

Acq: 19 Apr 2024 12:59

Instrument :

MSVOA_Y

ClientSampleId :

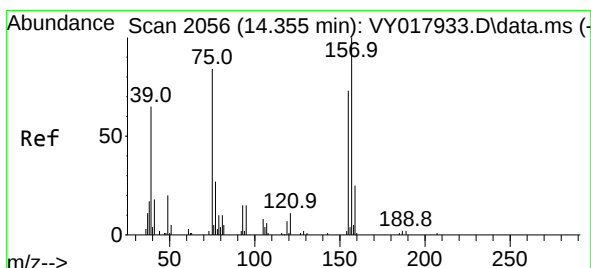
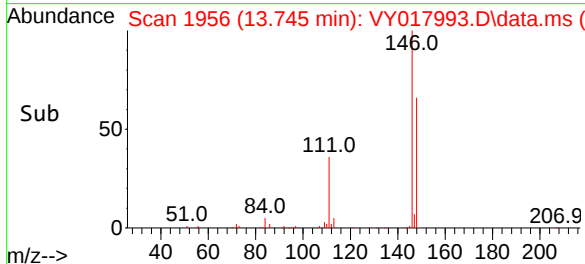
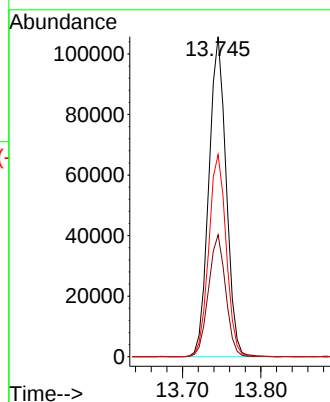
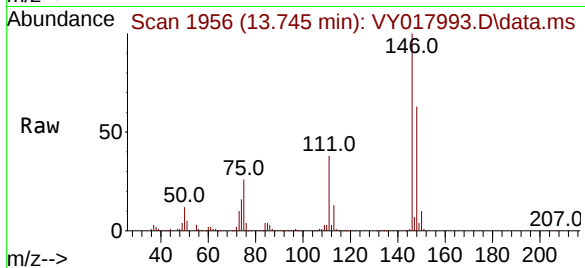
VY0419SBS01

Tgt Ion:	146	Resp:	16165
Ion Ratio	Lower	Upper	
146	100		
111	37.8	19.9	59.7
148	63.8	31.8	95.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 04/22/2024
Supervised By :Semsettin Yesilyurt 04/22/2024



#92

1,2-Dibromo-3-Chloropropane

Concen: 16.586 ug/l

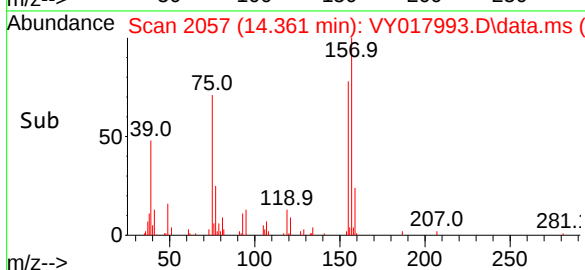
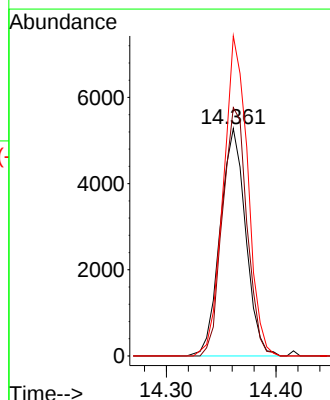
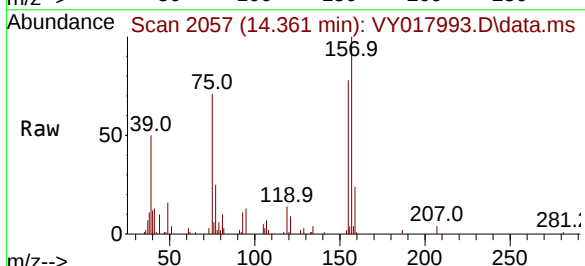
RT: 14.361 min Scan# 2057

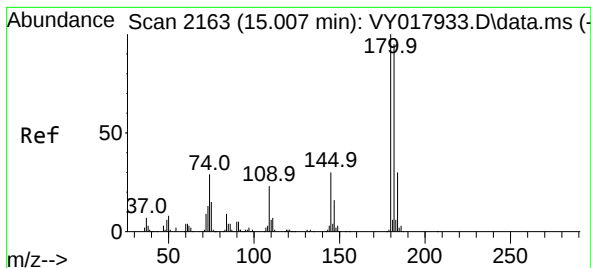
Delta R.T. 0.006 min

Lab File: VY017993.D

Acq: 19 Apr 2024 12:59

Tgt Ion:	75	Resp:	8529
Ion Ratio	Lower	Upper	
75	100		
155	104.6	48.6	145.8
157	133.6	62.7	188.2





#93

1,2,4-Trichlorobenzene

Concen: 18.227 ug/l

RT: 15.013 min Scan# 2164

Delta R.T. 0.006 min

Lab File: VY017993.D

Acq: 19 Apr 2024 12:59

Instrument :

MSVOA_Y

ClientSampleId :

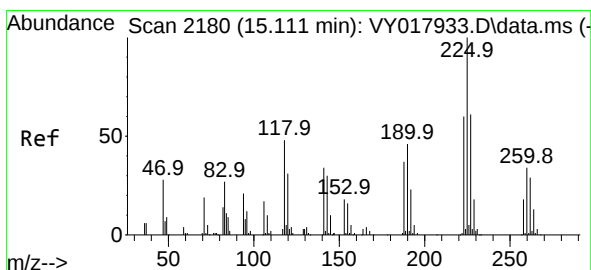
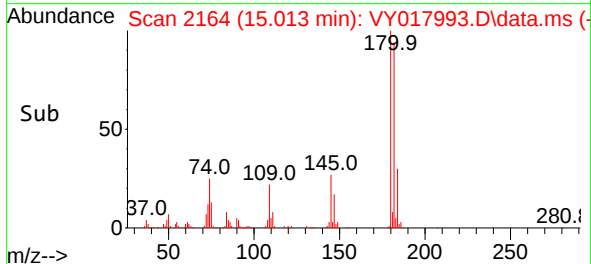
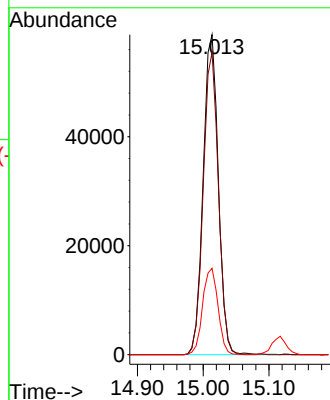
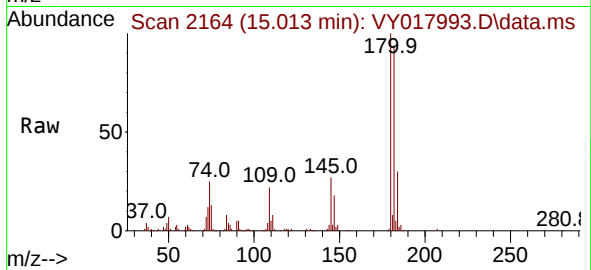
VY0419SBSD01

Tgt Ion:180	Resp:	9425
Ion Ratio	Lower	Upper
180	100	
182	94.2	47.9 143.8
145	27.3	14.2 42.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 04/22/2024
Supervised By :Semsettin Yesilyurt 04/22/2024



#94

Hexachlorobutadiene

Concen: 18.188 ug/l

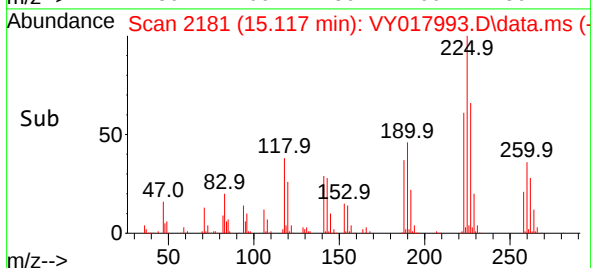
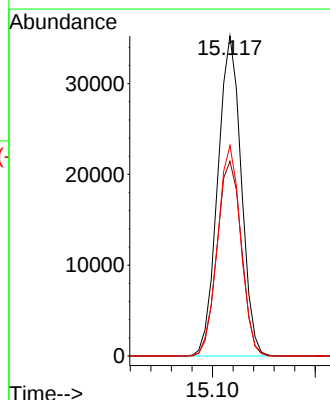
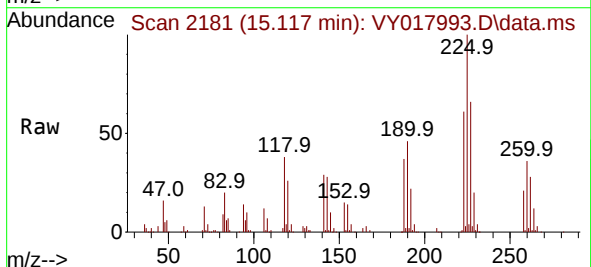
RT: 15.117 min Scan# 2181

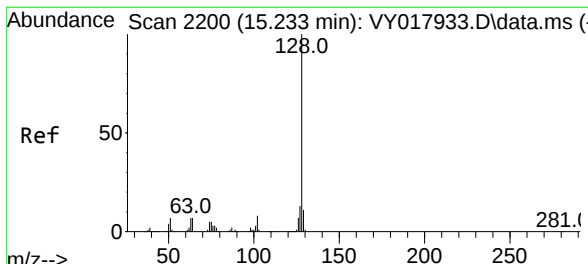
Delta R.T. 0.006 min

Lab File: VY017993.D

Acq: 19 Apr 2024 12:59

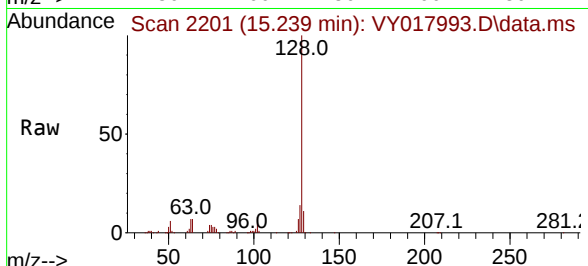
Tgt Ion:225	Resp:	55793
Ion Ratio	Lower	Upper
225	100	
223	62.9	30.4 91.2
227	64.9	31.9 95.9





#95
Naphthalene
Concen: 16.976 ug/l
RT: 15.239 min Scan# 21
Delta R.T. 0.006 min
Lab File: VY017993.D
Acq: 19 Apr 2024 12:59

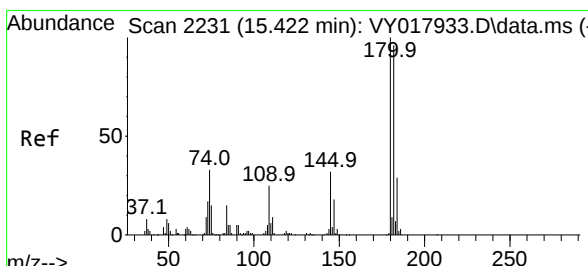
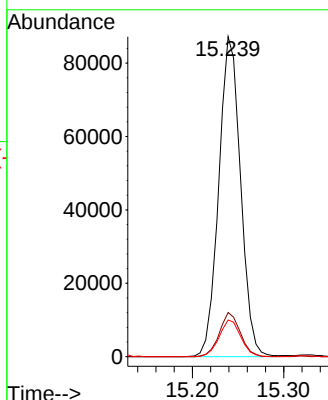
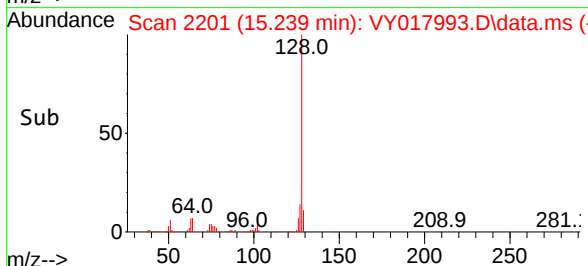
Instrument :
MSVOA_Y
ClientSampleId :
VY0419SBSD01



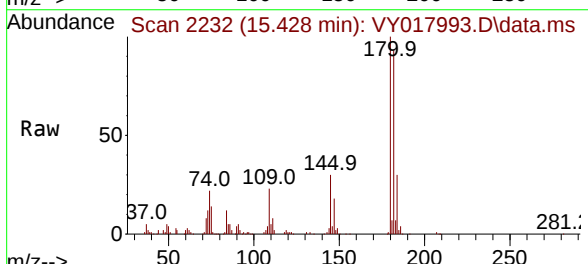
Tgt Ion:128 Resp: 144652
Ion Ratio Lower Upper
128 100
127 13.3 10.6 16.0
129 11.4 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 04/22/2024
Supervised By :Semsettin Yesilyurt 04/22/2024



#96
1,2,3-Trichlorobenzene
Concen: 18.237 ug/l
RT: 15.428 min Scan# 2232
Delta R.T. 0.006 min
Lab File: VY017993.D
Acq: 19 Apr 2024 12:59



Tgt Ion:180 Resp: 79128
Ion Ratio Lower Upper
180 100
182 95.0 47.6 142.9
145 30.0 15.4 46.1

