

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032024\
 Data File : VY017721.D
 Acq On : 20 Mar 2024 10:17
 Operator : SY/MD
 Sample : VY0320SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0320SBS01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 03/21/2024
 Supervised By :Semsettin Yesilyurt 03/21/2024

Quant Time: Mar 21 03:11:54 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022324S.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 24 04:41:20 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	139016	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	223247	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	191477	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	85159	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	57043	43.296	ug/l	0.01
Spiked Amount 50.000	Range 50 - 163		Recovery =	86.600%		
35) Dibromofluoromethane	7.728	113	67163	43.173	ug/l	0.01
Spiked Amount 50.000	Range 54 - 147		Recovery =	86.340%		
50) Toluene-d8	10.191	98	255491	46.973	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	93.940%		
62) 4-Bromofluorobenzene	12.495	95	75314	44.059	ug/l	0.01
Spiked Amount 50.000	Range 30 - 143		Recovery =	88.120%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	17326	16.896	ug/l	99
3) Chloromethane	2.119	50	33689	17.980	ug/l	96
4) Vinyl Chloride	2.253	62	44330	18.442	ug/l	100
5) Bromomethane	2.656	94	37469	19.128	ug/l	96
6) Chloroethane	2.802	64	30718	20.258	ug/l	96
7) Trichlorofluoromethane	3.131	101	43760	17.862	ug/l	90
8) Diethyl Ether	3.534	74	12181	16.953	ug/l	91
9) 1,1,2-Trichlorotrifluo...	3.905	101	27209	19.309	ug/l	98
10) Methyl Iodide	4.101	142	28060	17.744	ug/l	99
11) Tert butyl alcohol	4.954	59	8330	74.433	ug/l #	88
12) 1,1-Dichloroethene	3.881	96	25268	19.241	ug/l	94
13) Acrolein	3.735	56	7782	52.700	ug/l	95
14) Allyl chloride	4.491	41	30893	19.469	ug/l	98
15) Acrylonitrile	5.167	53	24243	82.075	ug/l	99
16) Acetone	3.954	43	22938	89.762	ug/l	98
17) Carbon Disulfide	4.204	76	71196	18.062	ug/l #	95
18) Methyl Acetate	4.478	43	9359	15.096	ug/l	96
19) Methyl tert-butyl Ether	5.228	73	51463	16.813	ug/l	98
20) Methylene Chloride	4.728	84	34130	19.378	ug/l	97
21) trans-1,2-Dichloroethene	5.234	96	30071	19.557	ug/l	95
22) Diisopropyl ether	6.131	45	72353	19.760	ug/l	94
23) Vinyl Acetate	6.070	43	194318	89.058	ug/l	97
24) 1,1-Dichloroethane	6.027	63	50227	20.078	ug/l	99
25) 2-Butanone	6.996	43	30544	83.871	ug/l	92
26) 2,2-Dichloropropane	6.996	77	43287	20.581	ug/l	99
27) cis-1,2-Dichloroethene	6.996	96	32909	19.062	ug/l	97
28) Bromochloromethane	7.344	49	17505	17.768	ug/l	98
29) Tetrahydrofuran	7.362	42	16612	75.671	ug/l	100
30) Chloroform	7.515	83	52483	19.706	ug/l	99
31) Cyclohexane	7.795	56	42103	19.637	ug/l	94
32) 1,1,1-Trichloroethane	7.716	97	45903	19.852	ug/l	97
36) 1,1-Dichloropropene	7.929	75	40759	19.419	ug/l	97
37) Ethyl Acetate	7.088	43	13508	16.294	ug/l	97
38) Carbon Tetrachloride	7.911	117	40423	19.216	ug/l	96
39) Methylcyclohexane	9.197	83	46705	18.516	ug/l	95
40) Benzene	8.173	78	117936	18.921	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.326	41	7417m	17.829	ug/l	
42) 1,2-Dichloroethane	8.246	62	27172	17.867	ug/l	99
43) Isopropyl Acetate	8.283	43	23231	15.947	ug/l	98
44) Trichloroethene	8.947	130	32558	18.122	ug/l	95
45) 1,2-Dichloropropane	9.228	63	28248	19.048	ug/l	96
46) Dibromomethane	9.319	93	14719	17.343	ug/l	99
47) Bromodichloromethane	9.508	83	38188	18.531	ug/l	95
48) Methyl methacrylate	9.307	41	10838	16.073	ug/l	98
49) 1,4-Dioxane	9.307	88	2727	283.914	ug/l #	98
51) 4-Methyl-2-Pentanone	10.081	43	61378	75.598	ug/l	99
52) Toluene	10.252	92	73654	18.744	ug/l	100
53) t-1,3-Dichloropropene	10.477	75	33082	17.296	ug/l	94
54) cis-1,3-Dichloropropene	9.941	75	42451	18.265	ug/l	96
55) 1,1,2-Trichloroethane	10.654	97	20681	17.162	ug/l	99
56) Ethyl methacrylate	10.520	69	20546	15.693	ug/l	98
57) 1,3-Dichloropropane	10.801	76	34067	17.388	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.795	63	52490	75.487	ug/l	100
59) 2-Hexanone	10.843	43	43137	77.352	ug/l	99
60) Dibromochloromethane	10.996	129	24594	17.252	ug/l	98
61) 1,2-Dibromoethane	11.099	107	18647	16.792	ug/l	99
64) Tetrachloroethene	10.727	164	33480	18.217	ug/l	95
65) Chlorobenzene	11.526	112	77191	18.993	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.599	131	27516	18.072	ug/l	99
67) Ethyl Benzene	11.605	91	135496	19.010	ug/l	97
68) m/p-Xylenes	11.715	106	107375	38.338	ug/l	99
69) o-Xylene	12.044	106	48862	18.805	ug/l	98
70) Styrene	12.056	104	78646	18.235	ug/l	99
71) Bromoform	12.221	173	13647	16.174	ug/l #	98
73) Isopropylbenzene	12.343	105	129077	20.402	ug/l	99
74) N-amyl acetate	12.154	43	18054	16.179	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.593	83	20064	18.468	ug/l	99
76) 1,2,3-Trichloropropane	12.642	75	13977m	17.274	ug/l	
77) Bromobenzene	12.617	156	28969	18.907	ug/l	97
78) n-propylbenzene	12.684	91	159122	20.961	ug/l	100
79) 2-Chlorotoluene	12.770	91	86092	20.256	ug/l	99
80) 1,3,5-Trimethylbenzene	12.825	105	103379	20.395	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.392	75	5772	16.391	ug/l	97
82) 4-Chlorotoluene	12.867	91	88454	20.347	ug/l	99
83) tert-Butylbenzene	13.087	119	91721	20.607	ug/l	97
84) 1,2,4-Trimethylbenzene	13.129	105	100112	20.006	ug/l	99
85) sec-Butylbenzene	13.263	105	140435	20.637	ug/l	99
86) p-Isopropyltoluene	13.379	119	111933	20.093	ug/l	100
87) 1,3-Dichlorobenzene	13.379	146	57609	18.733	ug/l	99
88) 1,4-Dichlorobenzene	13.459	146	57692	19.296	ug/l	98
89) n-Butylbenzene	13.709	91	103395	20.343	ug/l	98
90) Hexachloroethane	13.971	117	22632	20.265	ug/l	100
91) 1,2-Dichlorobenzene	13.751	146	48459	18.629	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.367	75	2380	15.583	ug/l	96
93) 1,2,4-Trichlorobenzene	15.019	180	22706	16.525	ug/l	98
94) Hexachlorobutadiene	15.123	225	16114	18.995	ug/l	96
95) Naphthalene	15.251	128	32288	15.092	ug/l	99
96) 1,2,3-Trichlorobenzene	15.440	180	18234	15.469	ug/l	100

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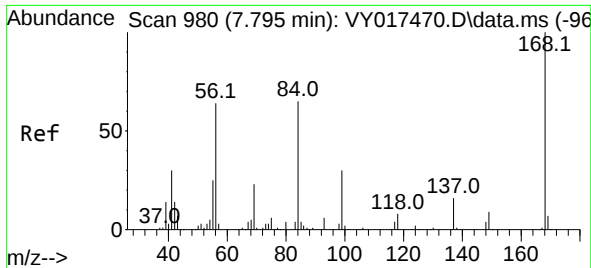
Manual Integrations
APPROVED

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Supervised By :Semsettin Yesilyurt 03/21/2024

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Quant Title : SW846 8260
QLast Update : Sat Feb 24 04:41:20 2024
Response via : Initial Calibration

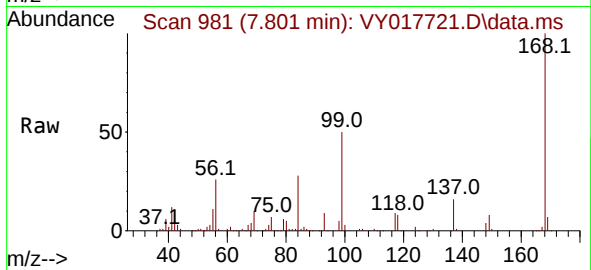
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 980
Delta R.T. 0.006 min
Lab File: VY017721.D
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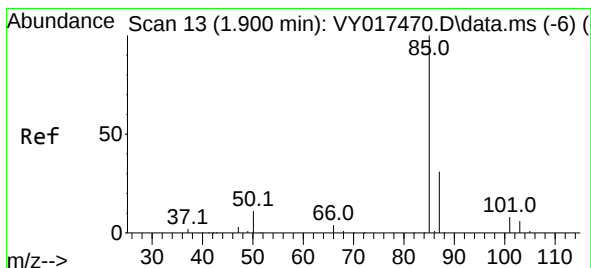
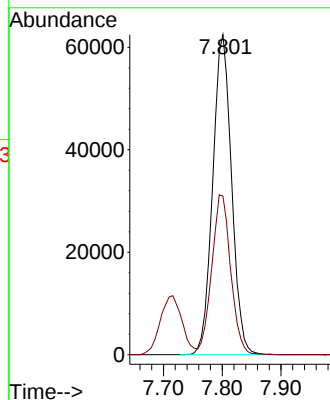
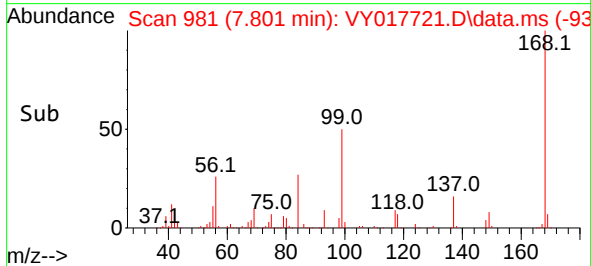
Instrument :
MSVOA_Y
ClientSampleId :
VY0320SBS01



Tgt Ion:168 Resp: 139010
Ion Ratio Lower Upper
168 100
99 49.6 39.1 58.7

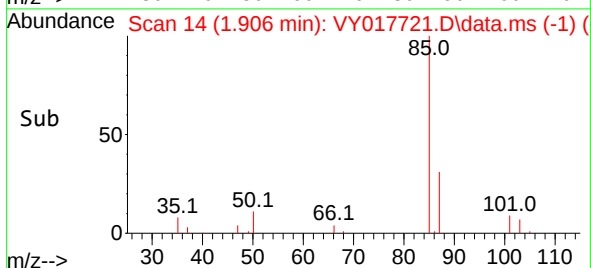
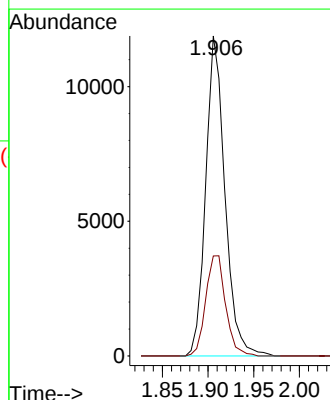
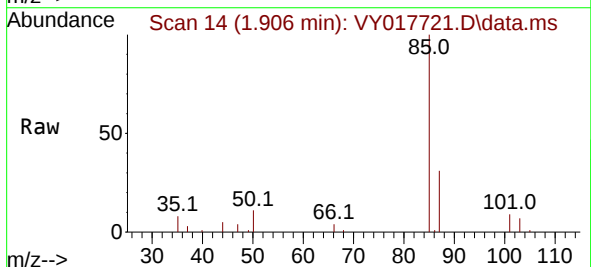
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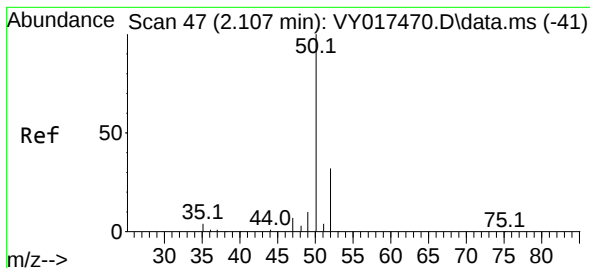
Reviewed By :Mahesh Dadoda 03/21/2024
Supervised By :Semsettin Yesilyurt 03/21/2024



#2
Dichlorodifluoromethane
Concen: 16.896 ug/l
RT: 1.906 min Scan# 14
Delta R.T. 0.006 min
Lab File: VY017721.D
Acq: 20 Mar 2024 10:17

Tgt Ion: 85 Resp: 17326
Ion Ratio Lower Upper
85 100
87 31.2 16.0 48.0





#3

Chloromethane

Concen: 17.980 ug/l

RT: 2.119 min Scan# 49

Delta R.T. 0.012 min

Lab File: VY017721.D

Acq: 20 Mar 2024 10:17

Instrument :

MSVOA_Y

ClientSampleId :

VY0320SBS01

Tgt Ion: 50 Resp: 33689

Ion Ratio Lower Upper

50 100

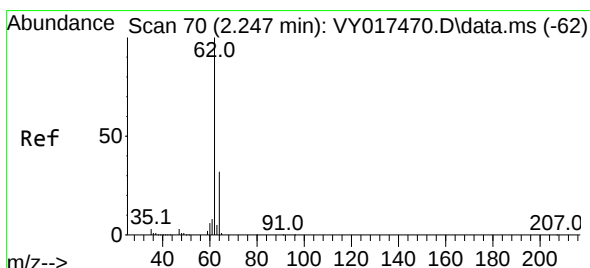
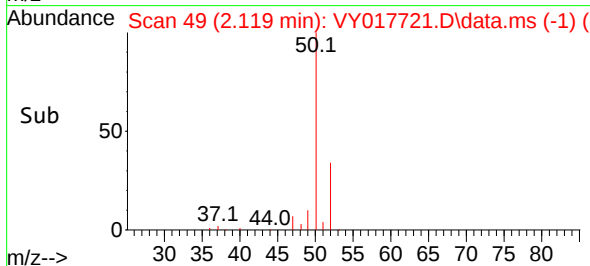
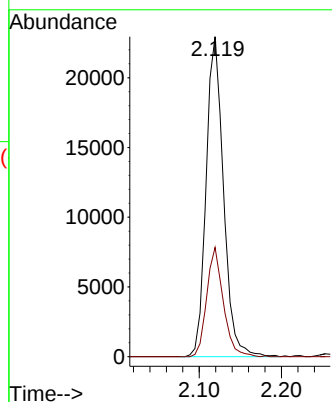
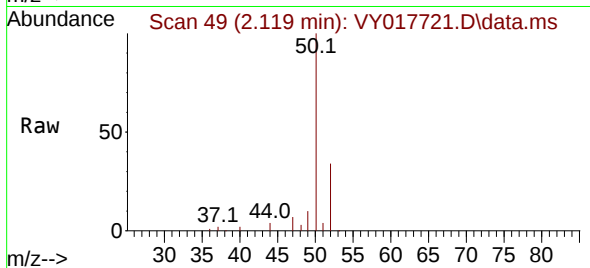
52 34.2 25.6 38.4

Manual Integrations

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Reviewed By :Mahesh Dadoda 03/21/2024

Supervised By :Semsettin Yesilyurt 03/21/2024



#4

Vinyl Chloride

Concen: 18.442 ug/l

RT: 2.253 min Scan# 71

Delta R.T. 0.006 min

Lab File: VY017721.D

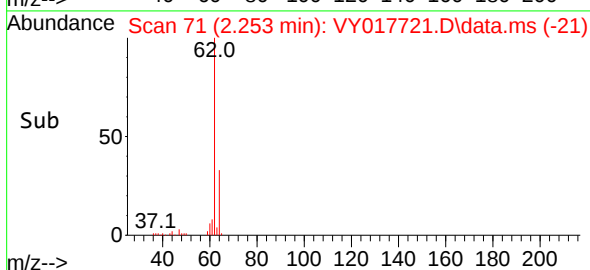
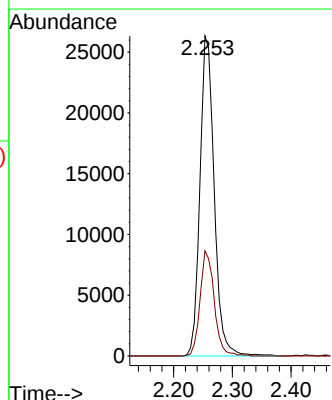
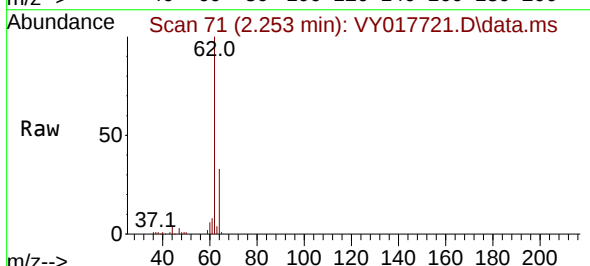
Acq: 20 Mar 2024 10:17

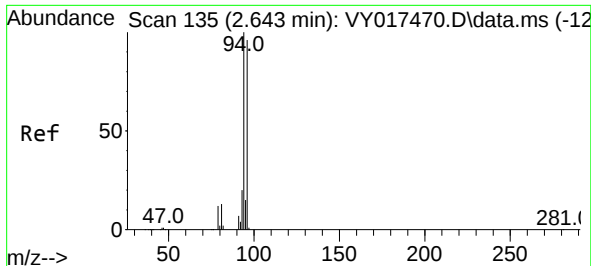
Tgt Ion: 62 Resp: 44330

Ion Ratio Lower Upper

62 100

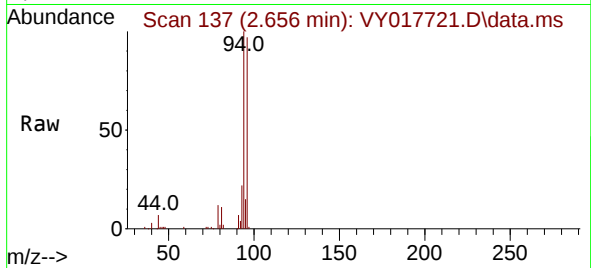
64 32.9 26.1 39.1





#5
Bromomethane
Concen: 19.128 ug/l
RT: 2.656 min Scan# 111
Delta R.T. 0.012 min
Lab File: VY017721.D
Acq: 20 Mar 2024 10:17

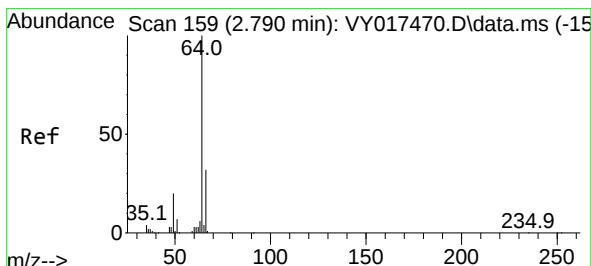
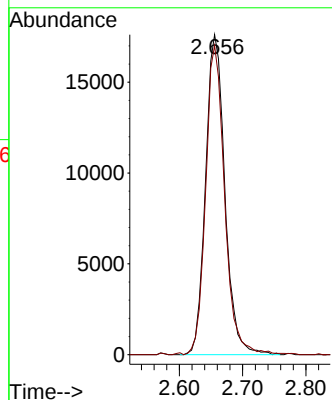
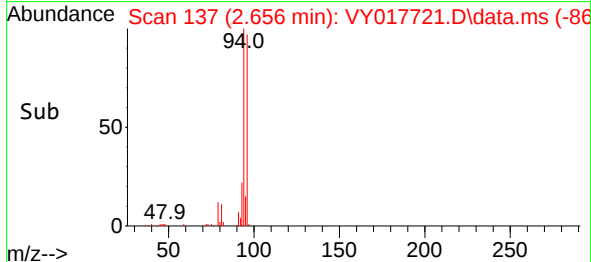
Instrument :
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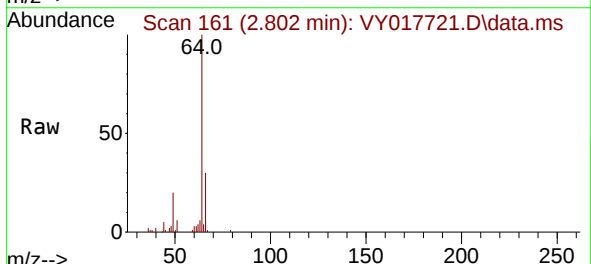
Tgt Ion: 94 Resp: 37469
Ion Ratio Lower Upper
94 100
96 96.2 74.1 111.1

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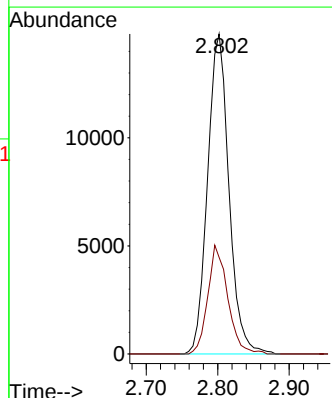
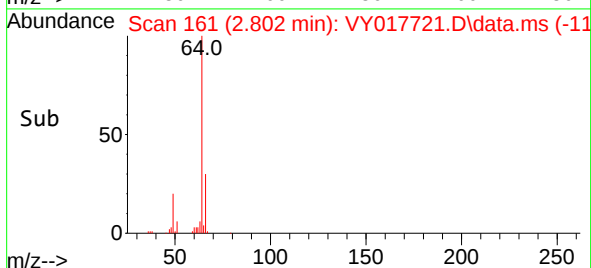
Reviewed By :Mahesh Dadoda 03/21/2024
Supervised By :Semsettin Yesilyurt 03/21/2024



#6
Chloroethane
Concen: 20.258 ug/l
RT: 2.802 min Scan# 161
Delta R.T. 0.012 min
Lab File: VY017721.D
Acq: 20 Mar 2024 10:17



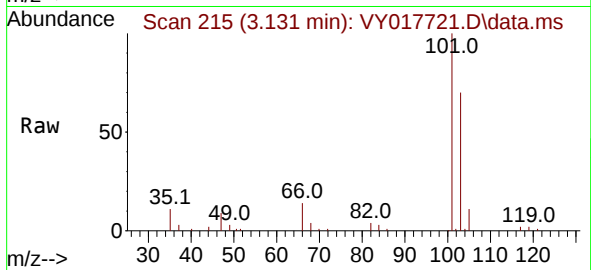
Tgt Ion: 64 Resp: 30718
Ion Ratio Lower Upper
64 100
66 30.2 26.1 39.1





#7
Trichlorofluoromethane
Concen: 17.862 ug/l
RT: 3.131 min Scan# 213
Delta R.T. 0.012 min
Lab File: VY017721.D
Acq: 20 Mar 2024 10:17

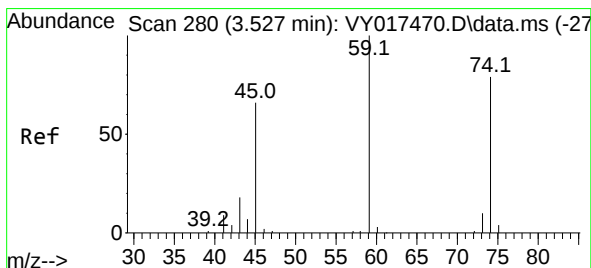
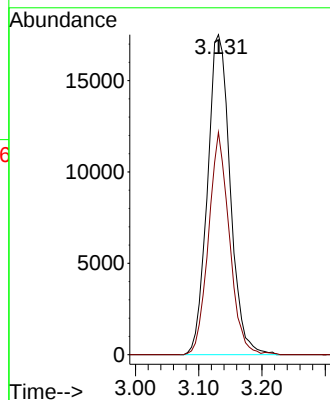
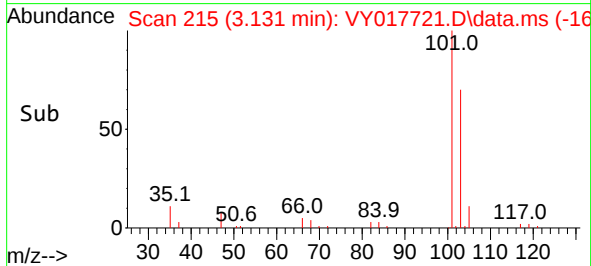
Instrument :
MSVOA_Y
ClientSampleId :
VY0320SBS01



Tgt Ion:101 Resp: 43760
Ion Ratio Lower Upper
101 100
103 69.5 49.3 73.9

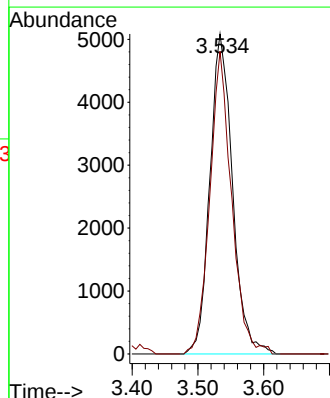
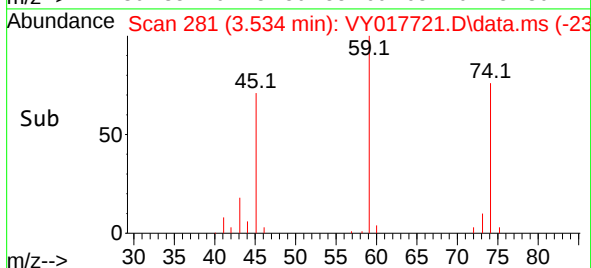
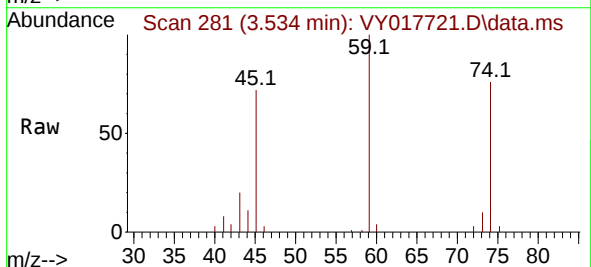
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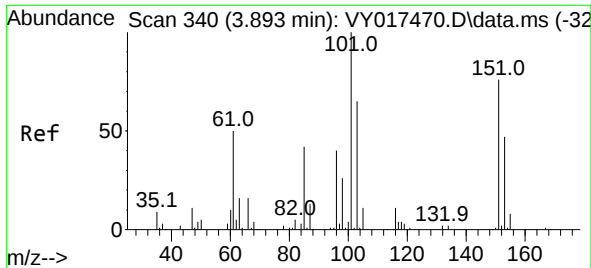
Reviewed By :Mahesh Dadoda 03/21/2024
Supervised By :Semsettin Yesilyurt 03/21/2024



#8
Diethyl Ether
Concen: 16.953 ug/l
RT: 3.534 min Scan# 281
Delta R.T. 0.006 min
Lab File: VY017721.D
Acq: 20 Mar 2024 10:17

Tgt Ion: 74 Resp: 12181
Ion Ratio Lower Upper
74 100
45 90.8 41.3 124.1





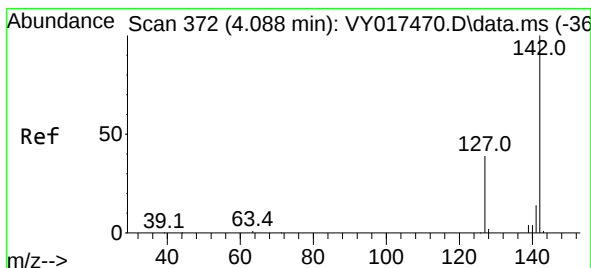
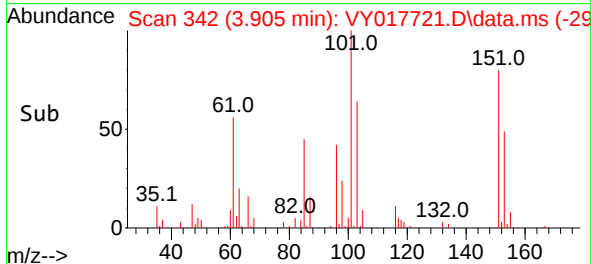
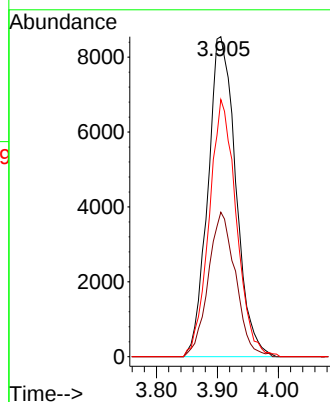
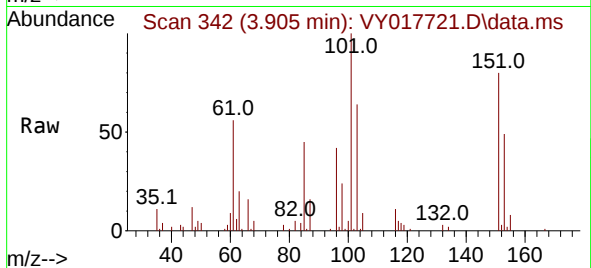
#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.309 ug/l
RT: 3.905 min Scan# 341
Delta R.T. 0.012 min
Lab File: VY017721.D
Acq: 20 Mar 2024 10:17

Instrument :
MSVOA_Y
ClientSampleId :
VY0320SBS01

Tgt Ion:101 Resp: 27209
Ion Ratio Lower Upper
101 100
85 44.1 34.5 51.7
151 78.4 61.7 92.5

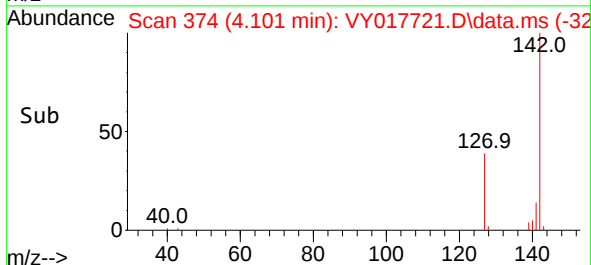
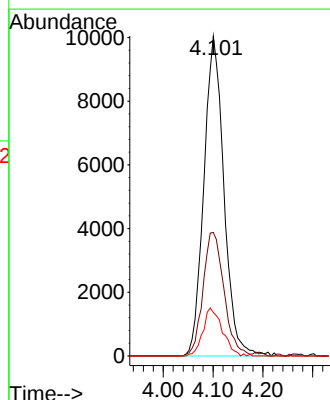
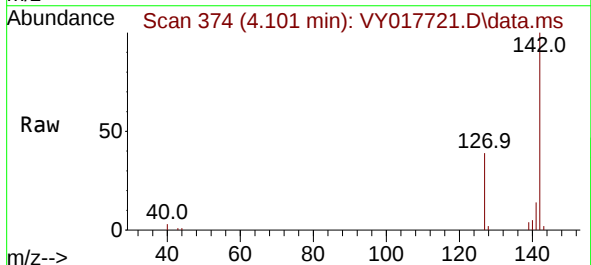
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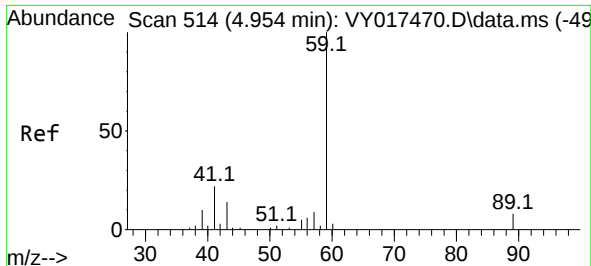
Reviewed By :Mahesh Dadoda 03/21/2024
Supervised By :Semsettin Yesilyurt 03/21/2024



#10
Methyl Iodide
Concen: 17.744 ug/l
RT: 4.101 min Scan# 374
Delta R.T. 0.012 min
Lab File: VY017721.D
Acq: 20 Mar 2024 10:17

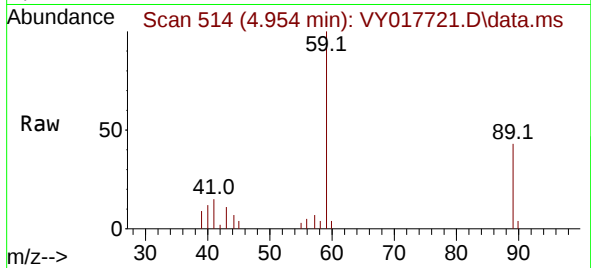
Tgt Ion:142 Resp: 28060
Ion Ratio Lower Upper
142 100
127 40.3 32.8 49.2
141 14.6 11.4 17.2





#11
Tert butyl alcohol
Concen: 74.433 ug/l
RT: 4.954 min Scan# 514
Delta R.T. 0.000 min
Lab File: VY017721.D
Acq: 20 Mar 2024 10:17

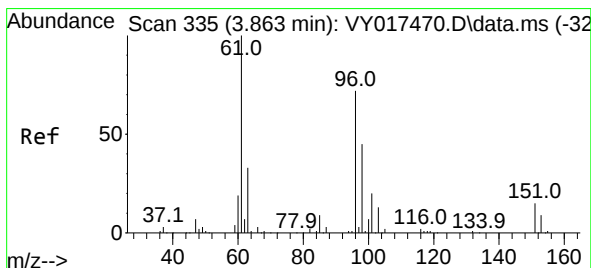
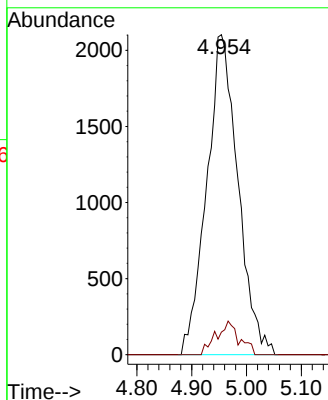
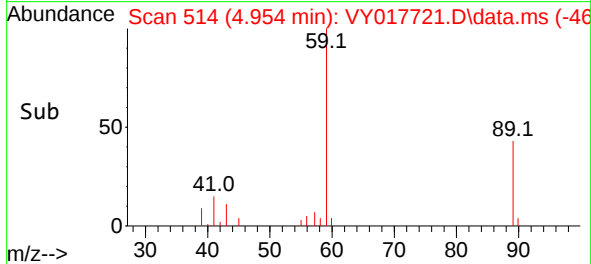
Instrument :
MSVOA_Y
ClientSampleId :
VY0320SBS01



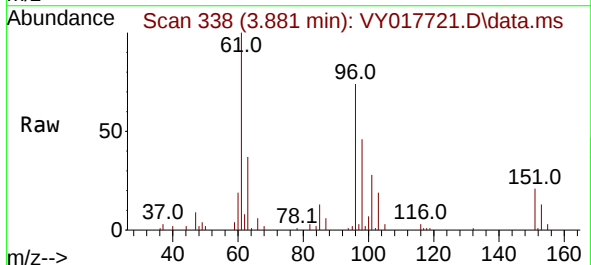
Tgt Ion: 59 Resp: 8330
Ion Ratio Lower Upper
59 100
57 7.7 3.0 4.6

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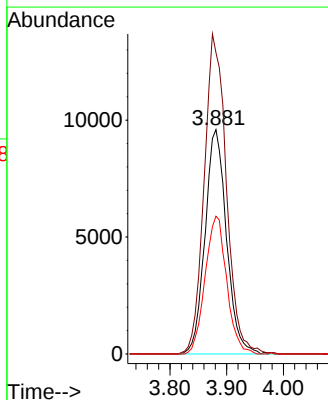
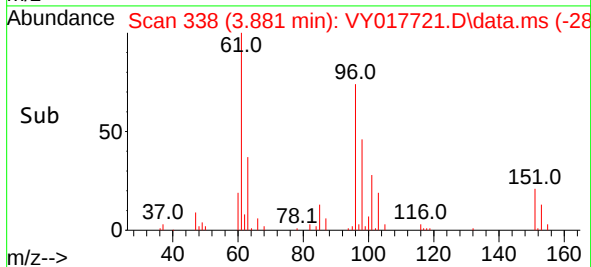
Reviewed By :Mahesh Dadoda 03/21/2024
Supervised By :Semsettin Yesilyurt 03/21/2024

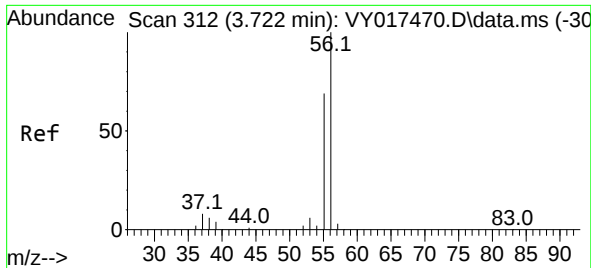


#12
1,1-Dichloroethene
Concen: 19.241 ug/l
RT: 3.881 min Scan# 338
Delta R.T. 0.018 min
Lab File: VY017721.D
Acq: 20 Mar 2024 10:17



Tgt Ion: 96 Resp: 25268
Ion Ratio Lower Upper
96 100
61 134.3 114.6 171.8
98 61.4 50.8 76.2





#13

Acrolein

Concen: 52.700 ug/l

RT: 3.735 min Scan# 31

Delta R.T. 0.012 min

Lab File: VY017721.D

Acq: 20 Mar 2024 10:17

Instrument :

MSVOA_Y

ClientSampleId :

VY0320SBS01

Tgt Ion: 56 Resp: 778

Ion Ratio Lower Upper

56 100

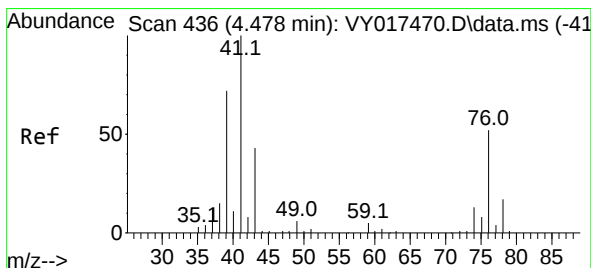
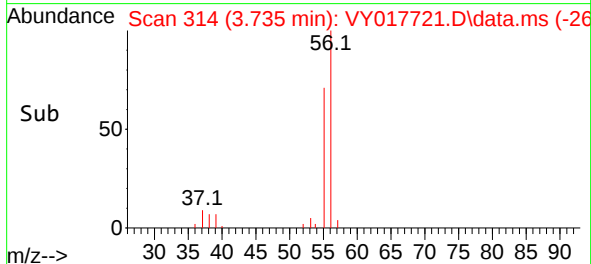
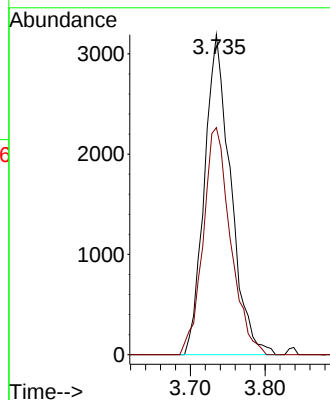
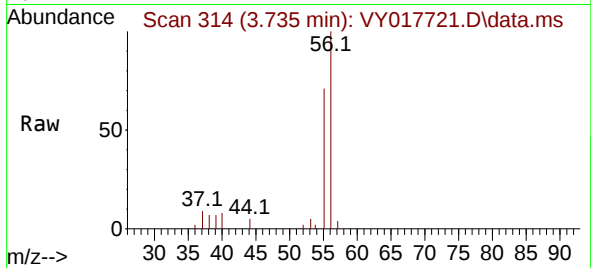
55 74.1 55.7 83.5

Manual Integrations

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Reviewed By :Mahesh Dadoda 03/21/2024

Supervised By :Semsettin Yesilyurt 03/21/2024



#14

Allyl chloride

Concen: 19.469 ug/l

RT: 4.491 min Scan# 438

Delta R.T. 0.012 min

Lab File: VY017721.D

Acq: 20 Mar 2024 10:17

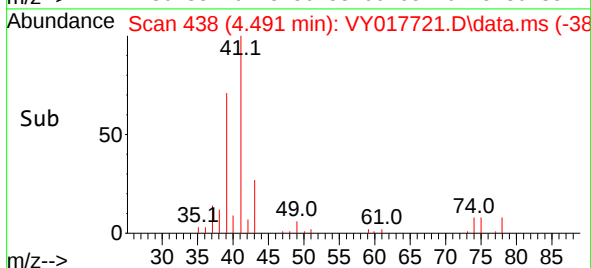
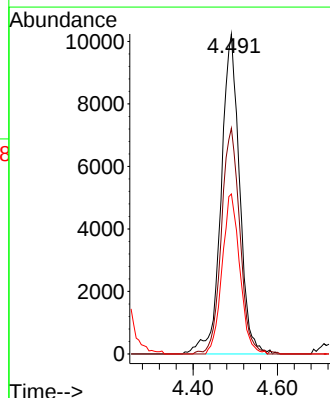
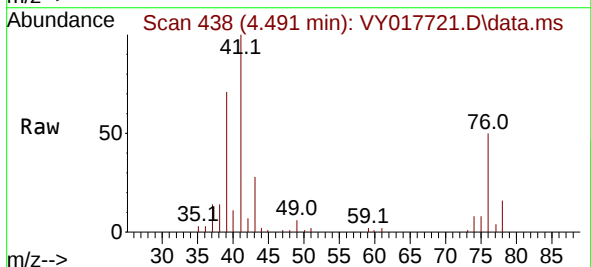
Tgt Ion: 41 Resp: 30893

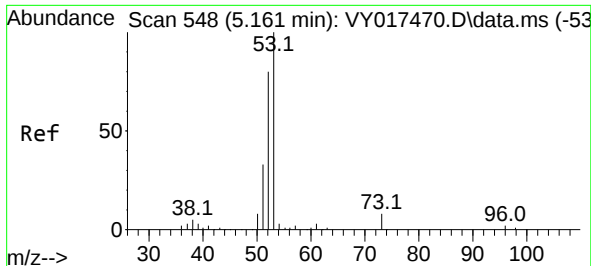
Ion Ratio Lower Upper

41 100

39 70.8 58.3 87.5

76 48.2 39.0 58.6





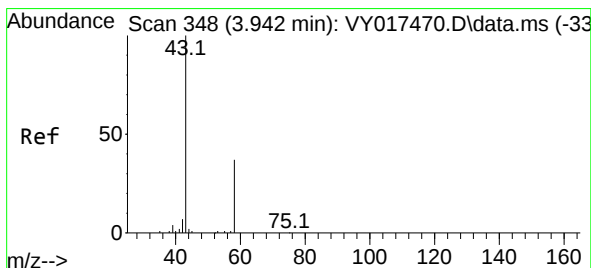
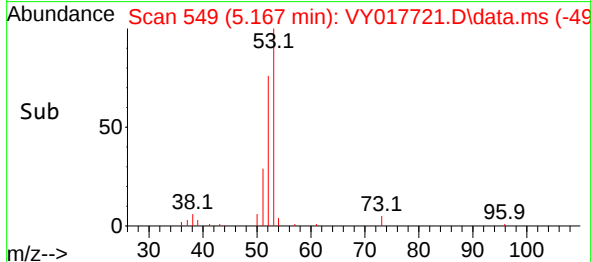
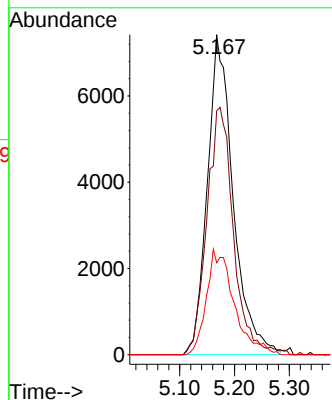
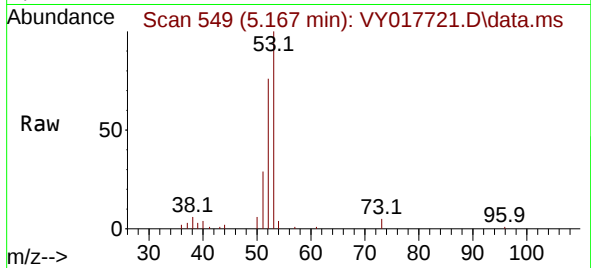
#15
Acrylonitrile
Concen: 82.075 ug/l
RT: 5.167 min Scan# 548
Delta R.T. 0.006 min
Lab File: VY017721.D
Acq: 20 Mar 2024 10:17

Instrument :
MSVOA_Y
ClientSampleId :
VY0320SBS01

Tgt Ion: 53 Resp: 2424
Ion Ratio Lower Upper
53 100
52 79.6 64.7 97.1
51 35.2 28.4 42.6

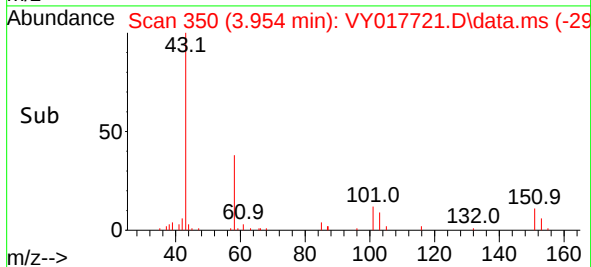
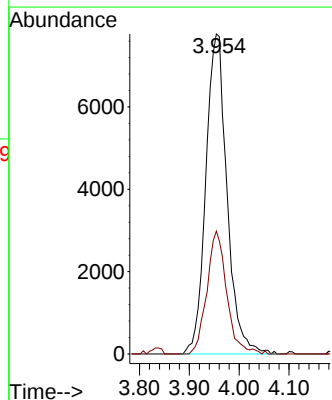
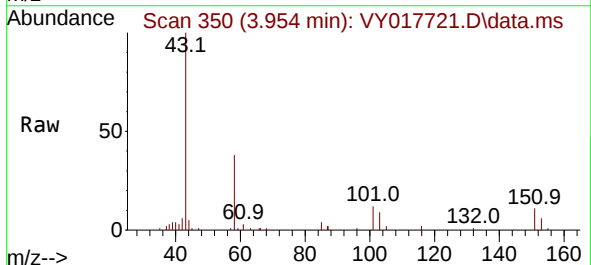
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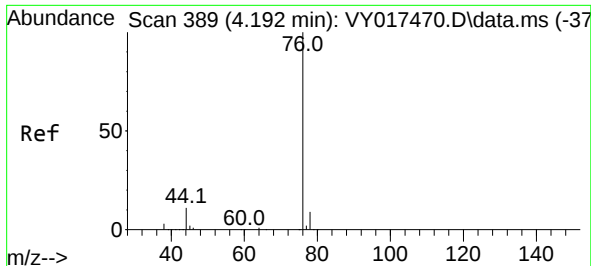
Reviewed By :Mahesh Dadoda 03/21/2024
Supervised By :Semsettin Yesilyurt 03/21/2024



#16
Acetone
Concen: 89.762 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.012 min
Lab File: VY017721.D
Acq: 20 Mar 2024 10:17

Tgt Ion: 43 Resp: 22938
Ion Ratio Lower Upper
43 100
58 38.4 31.7 47.5





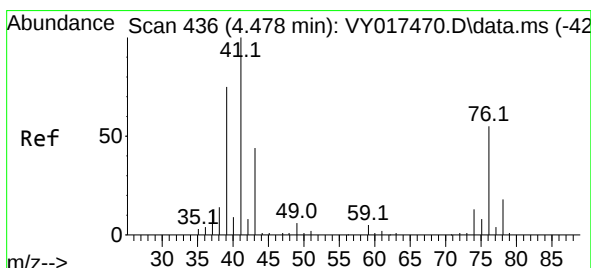
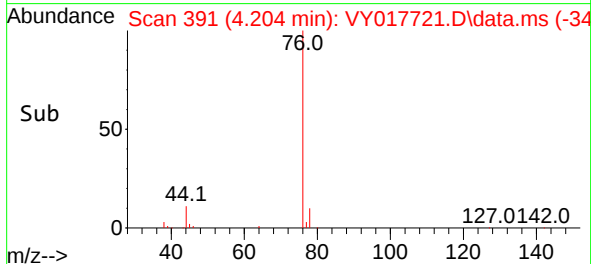
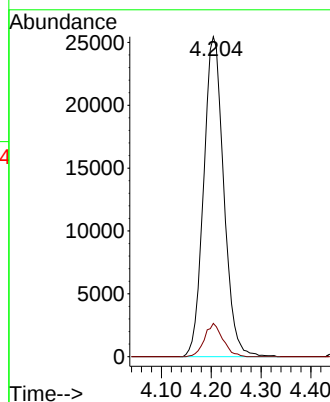
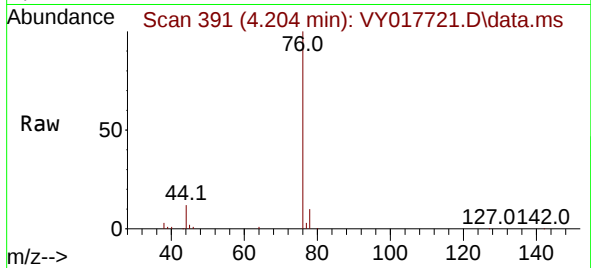
#17
Carbon Disulfide
Concen: 18.062 ug/l
RT: 4.204 min Scan# 391
Delta R.T. 0.012 min
Lab File: VY017721.D
Acq: 20 Mar 2024 10:17

Instrument :
MSVOA_Y
ClientSampleId :
VY0320SBS01

Tgt Ion: 76 Resp: 71190
Ion Ratio Lower Upper
76 100
78 10.4 6.8 10.2

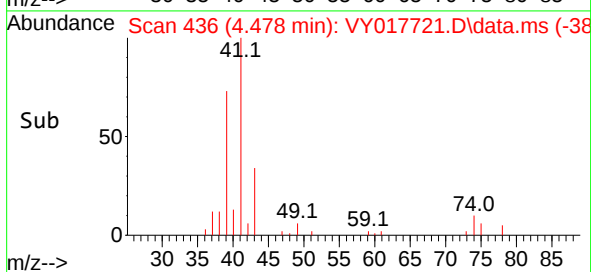
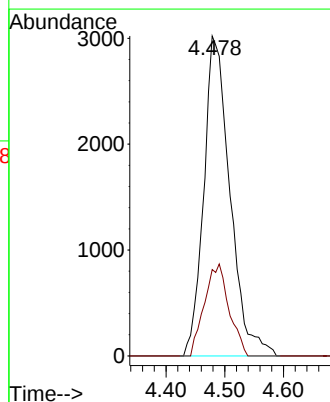
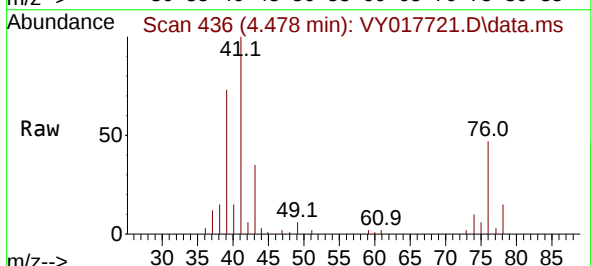
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Reviewed By :Mahesh Dadoda 03/21/2024
Supervised By :Semsettin Yesilyurt 03/21/2024



#18
Methyl Acetate
Concen: 15.096 ug/l
RT: 4.478 min Scan# 436
Delta R.T. 0.000 min
Lab File: VY017721.D
Acq: 20 Mar 2024 10:17

Tgt Ion: 43 Resp: 9359
Ion Ratio Lower Upper
43 100
74 26.9 23.3 34.9





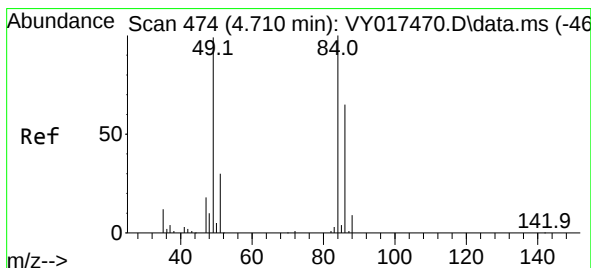
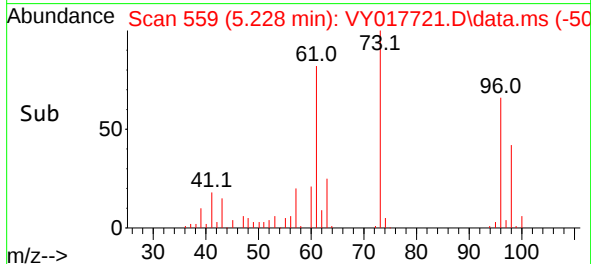
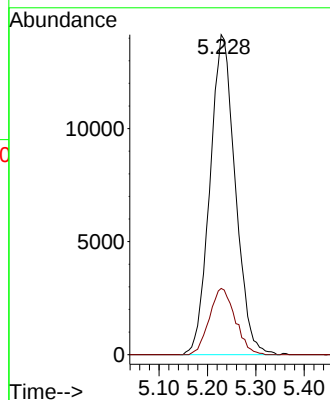
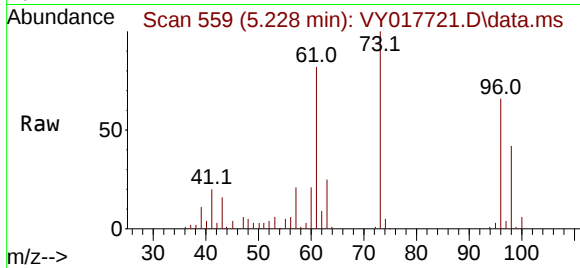
#19
Methyl tert-butyl Ether
Concen: 16.813 ug/l
RT: 5.228 min Scan# 5146
Delta R.T. 0.006 min
Lab File: VY017721.D
Acq: 20 Mar 2024 10:17

Instrument :
MSVOA_Y
ClientSampleId :
VY0320SBS01

Tgt Ion: 73 Resp: 5146
Ion Ratio Lower Upper
73 100
57 20.7 17.3 25.9

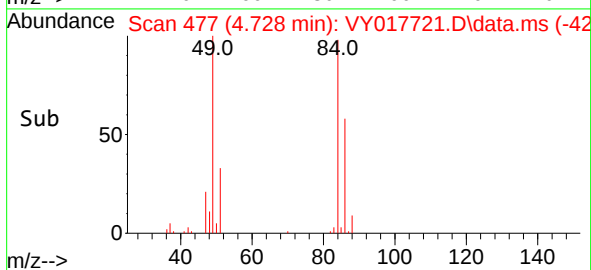
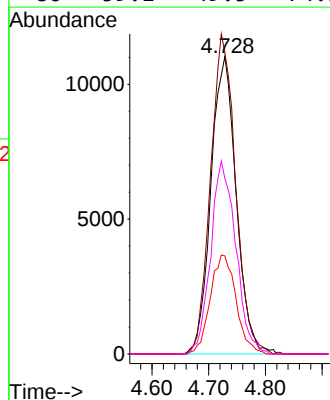
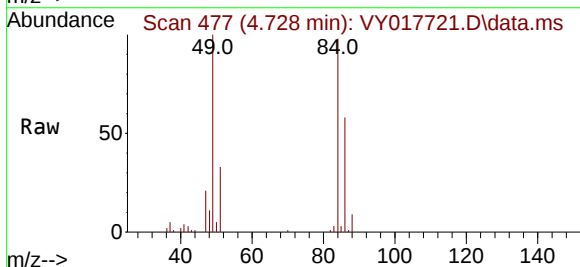
Manual Integrations
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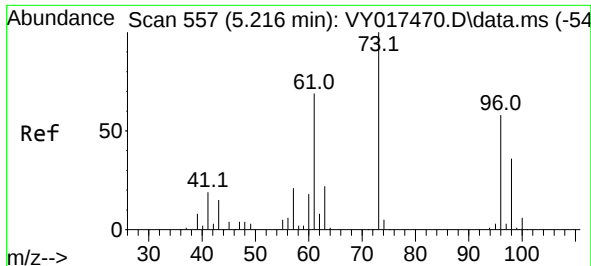
Reviewed By :Mahesh Dadoda 03/21/2024
Supervised By :Semsettin Yesilyurt 03/21/2024



#20
Methylene Chloride
Concen: 19.378 ug/l
RT: 4.728 min Scan# 477
Delta R.T. 0.018 min
Lab File: VY017721.D
Acq: 20 Mar 2024 10:17

Tgt Ion: 84 Resp: 34130
Ion Ratio Lower Upper
84 100
49 101.6 84.4 126.6
51 33.0 26.0 39.0
86 59.1 49.5 74.3





#21

trans-1,2-Dichloroethene

Concen: 19.557 ug/l

RT: 5.234 min Scan# 507

Delta R.T. 0.018 min

Lab File: VY017721.D

Acq: 20 Mar 2024 10:17

Instrument :

MSVOA_Y

ClientSampleId :

VY0320SBS01

Tgt Ion: 96 Resp: 3007

Ion Ratio Lower Upper

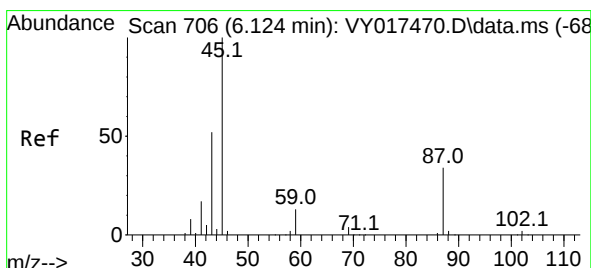
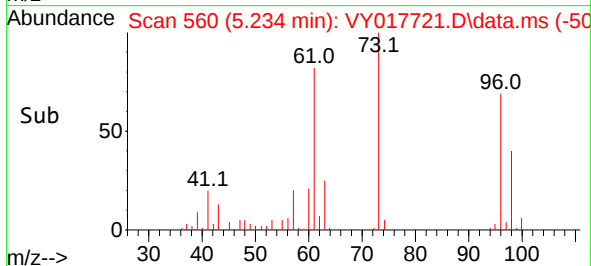
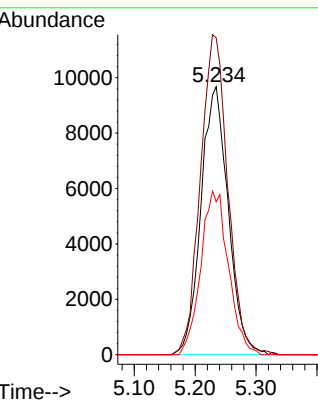
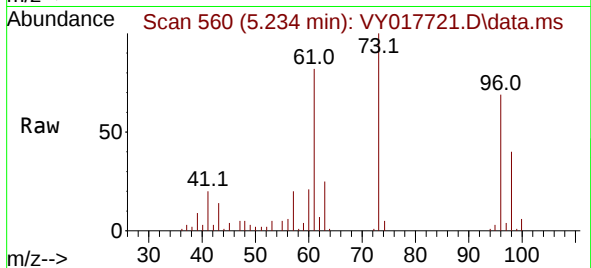
96 100

61 118.2 97.5 146.3

98 57.1 50.5 75.7

Manual Integrations

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Reviewed By :Mahesh Dadoda 03/21/2024
Supervised By :Semsettin Yesilyurt 03/21/2024

#22

Diisopropyl ether

Concen: 19.760 ug/l

RT: 6.131 min Scan# 707

Delta R.T. 0.006 min

Lab File: VY017721.D

Acq: 20 Mar 2024 10:17

Tgt Ion: 45 Resp: 72353

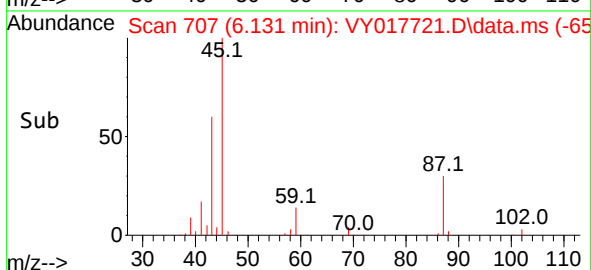
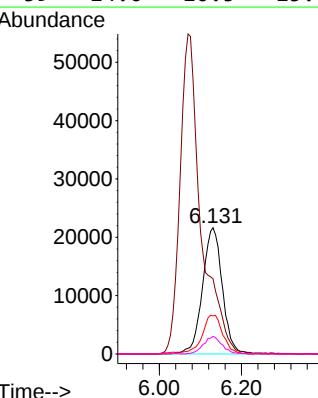
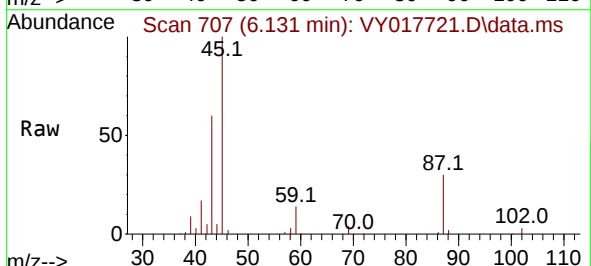
Ion Ratio Lower Upper

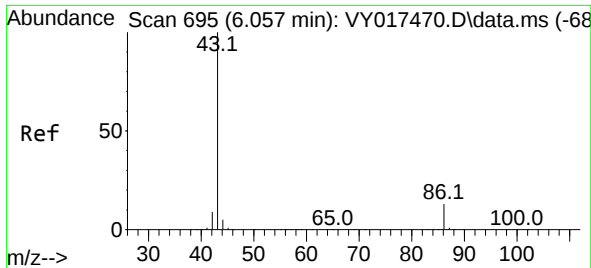
45 100

43 59.2 42.2 63.2

87 30.2 25.0 37.6

59 14.0 10.5 15.7





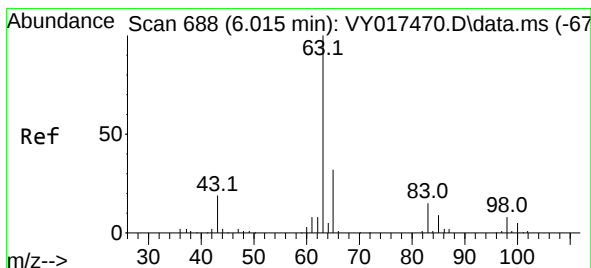
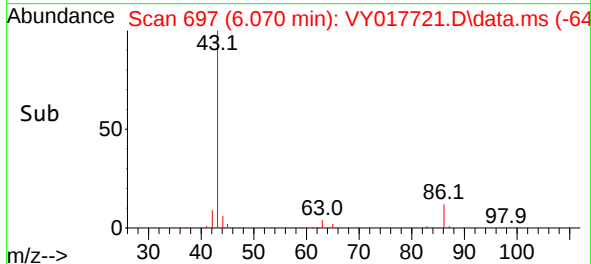
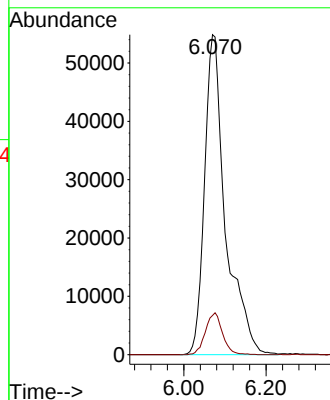
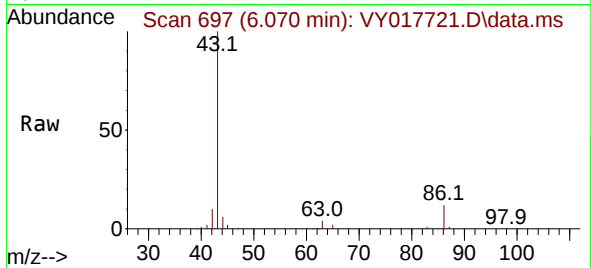
#23
 Vinyl Acetate
 Concen: 89.058 ug/l
 RT: 6.070 min Scan# 695
 Delta R.T. 0.012 min
 Lab File: VY017721.D
 Acq: 20 Mar 2024 10:17

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0320SBS01

Tgt Ion: 43 Resp: 194318
 Ion Ratio Lower Upper
 43 100
 86 12.2 10.6 16.0

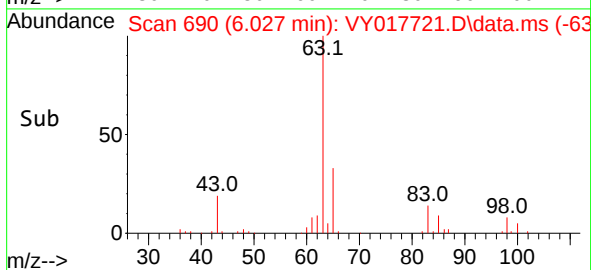
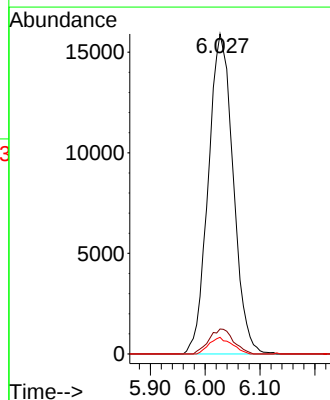
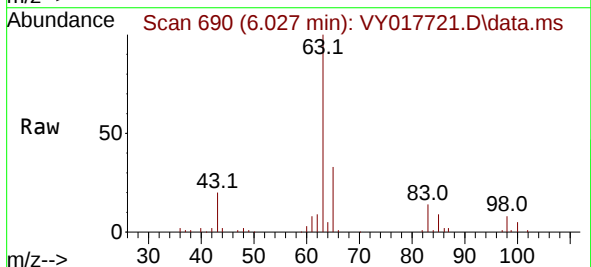
Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 03/21/2024
 Supervised By :Semsettin Yesilyurt 03/21/2024



#24
 1,1-Dichloroethane
 Concen: 20.078 ug/l
 RT: 6.027 min Scan# 690
 Delta R.T. 0.012 min
 Lab File: VY017721.D
 Acq: 20 Mar 2024 10:17

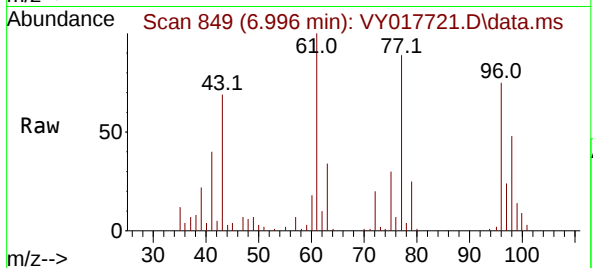
Tgt Ion: 63 Resp: 50227
 Ion Ratio Lower Upper
 63 100
 98 7.8 4.0 12.2
 100 5.2 2.6 8.0





#25
2-Butanone
Concen: 83.871 ug/l
RT: 6.996 min Scan# 849
Delta R.T. 0.012 min
Lab File: VY017721.D
Acq: 20 Mar 2024 10:17

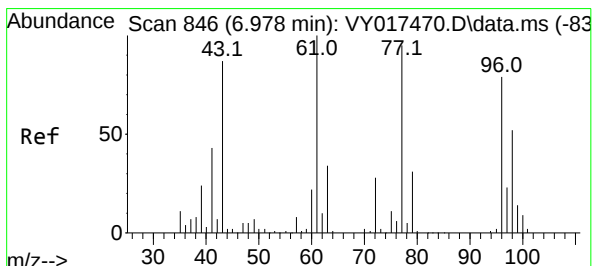
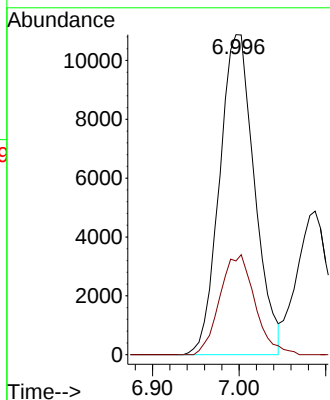
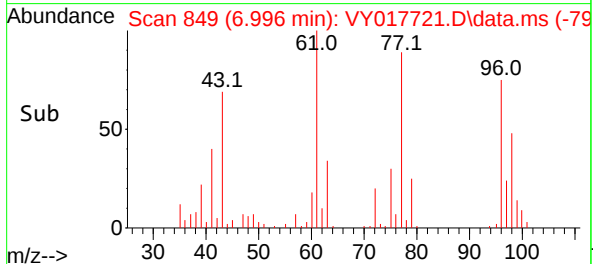
Instrument :
MSVOA_Y
ClientSampleId :
VY0320SBS01



Tgt Ion: 43 Resp: 30544
Ion Ratio Lower Upper
43 100
72 29.3 27.3 40.9

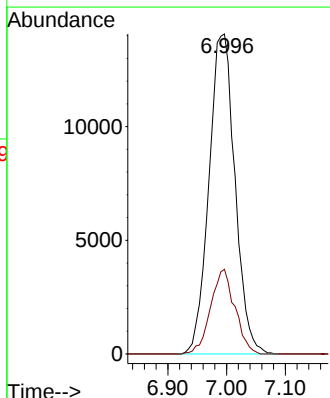
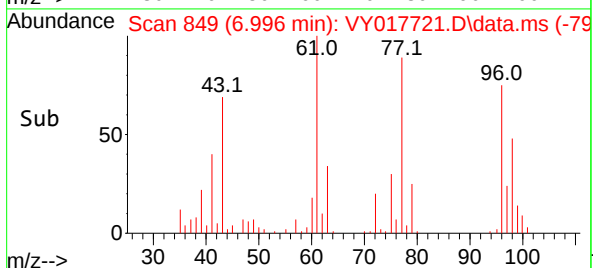
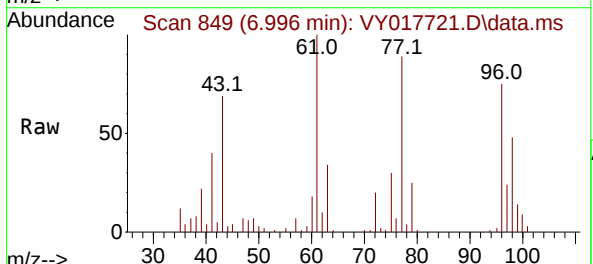
Manual Integrations
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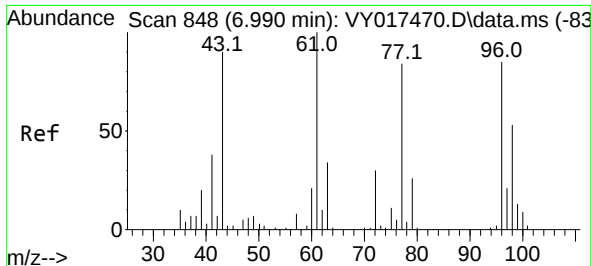
Reviewed By :Mahesh Dadoda 03/21/2024
Supervised By :Semsettin Yesilyurt 03/21/2024



#26
2,2-Dichloropropane
Concen: 20.581 ug/l
RT: 6.996 min Scan# 849
Delta R.T. 0.018 min
Lab File: VY017721.D
Acq: 20 Mar 2024 10:17

Tgt Ion: 77 Resp: 43287
Ion Ratio Lower Upper
77 100
97 24.7 12.0 36.1





#27

cis-1,2-Dichloroethene

Concen: 19.062 ug/l

RT: 6.996 min Scan# 84

Delta R.T. 0.006 min

Lab File: VY017721.D

Acq: 20 Mar 2024 10:17

Instrument :

MSVOA_Y

ClientSampleId :

VY0320SBS01

Tgt Ion: 96 Resp: 3290

Ion Ratio Lower Upper

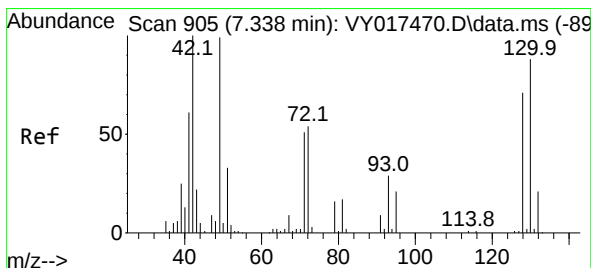
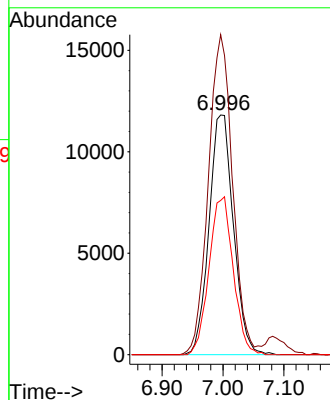
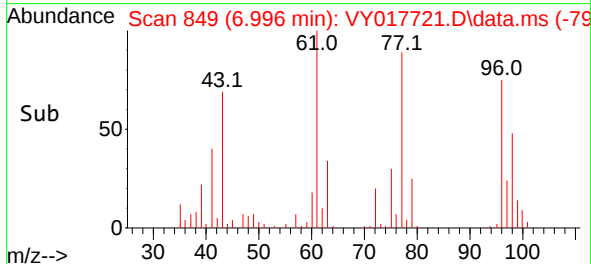
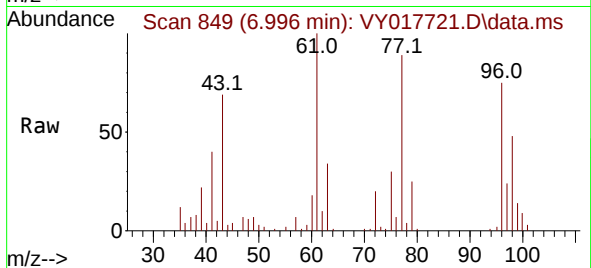
96 100

61 132.8 0.0 256.2

98 65.2 0.0 130.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/21/2024
Supervised By :Semsettin Yesilyurt 03/21/2024

#28

Bromochloromethane

Concen: 17.768 ug/l

RT: 7.344 min Scan# 906

Delta R.T. 0.006 min

Lab File: VY017721.D

Acq: 20 Mar 2024 10:17

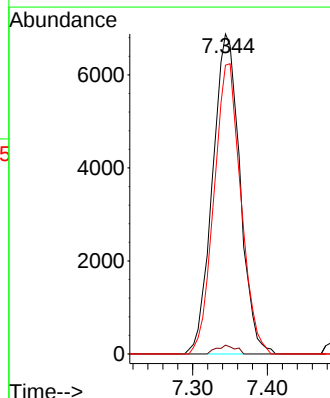
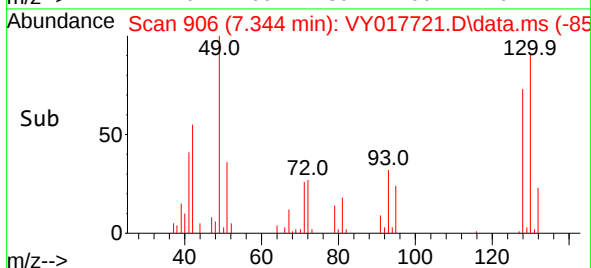
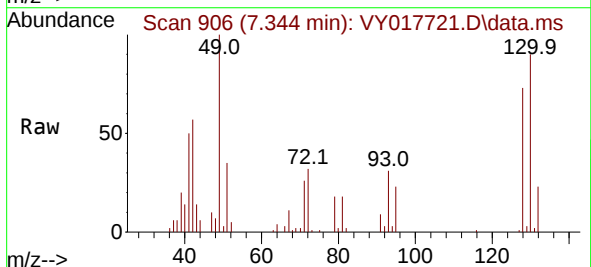
Tgt Ion: 49 Resp: 17505

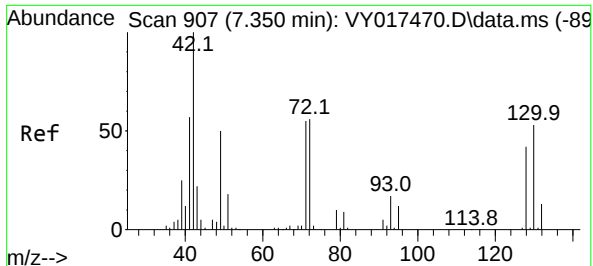
Ion Ratio Lower Upper

49 100

129 1.9 0.0 4.6

130 89.2 72.7 109.1





#29

Tetrahydrofuran

Concen: 75.671 ug/l

RT: 7.362 min Scan# 909

Delta R.T. 0.012 min

Lab File: VY017721.D

Acq: 20 Mar 2024 10:17

Instrument :

MSVOA_Y

ClientSampleId :

VY0320SBS01

Tgt Ion: 42 Resp: 1661

Ion Ratio Lower Upper

42 100

72 54.0 43.0 64.4

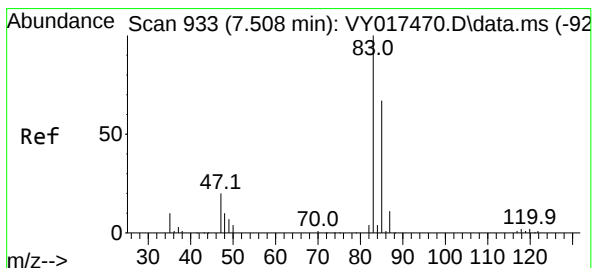
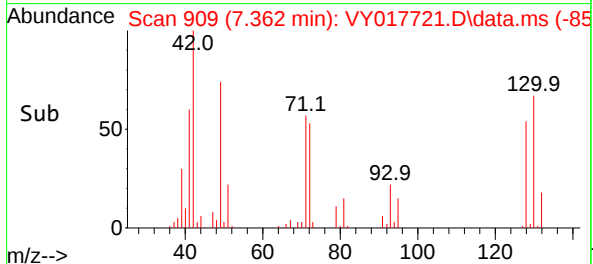
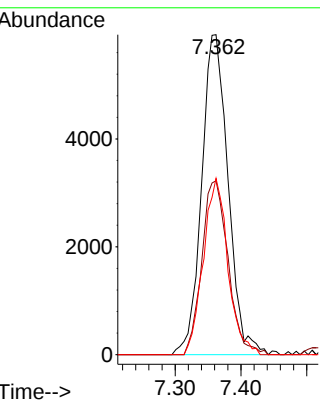
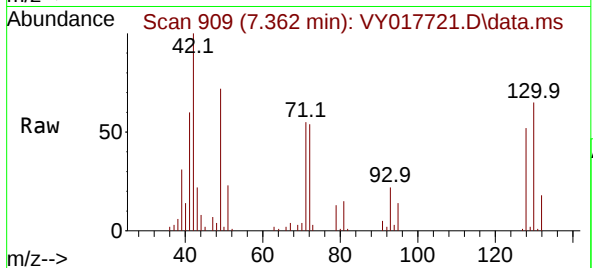
71 51.1 40.8 61.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/21/2024

Supervised By :Semsettin Yesilyurt 03/21/2024



#30

Chloroform

Concen: 19.706 ug/l

RT: 7.515 min Scan# 934

Delta R.T. 0.006 min

Lab File: VY017721.D

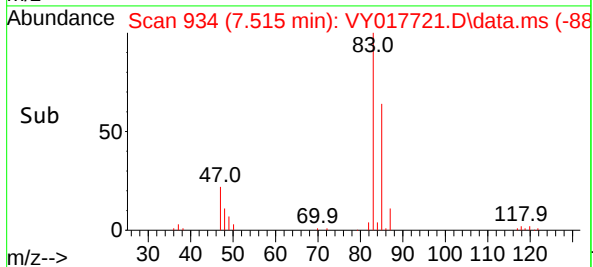
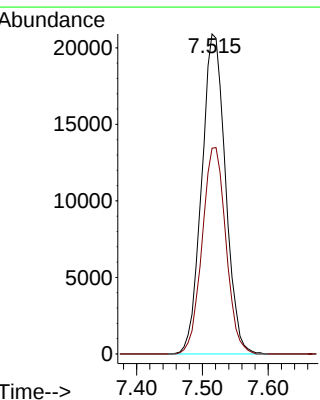
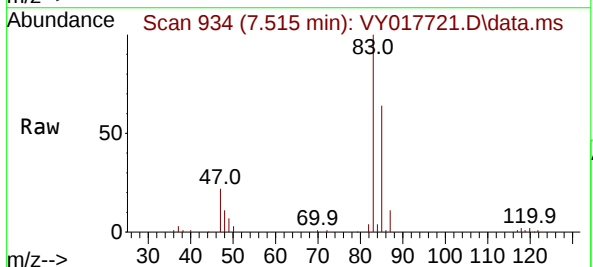
Acq: 20 Mar 2024 10:17

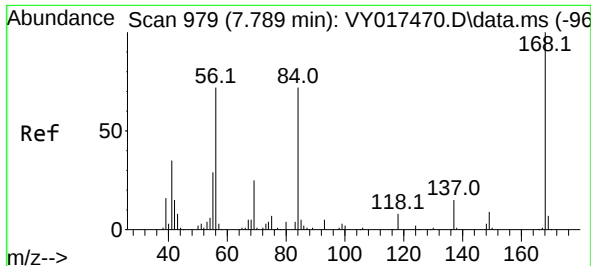
Tgt Ion: 83 Resp: 52483

Ion Ratio Lower Upper

83 100

85 64.3 52.2 78.4





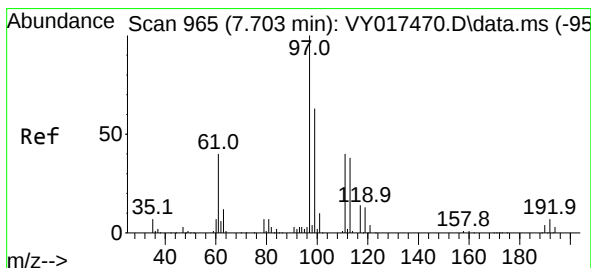
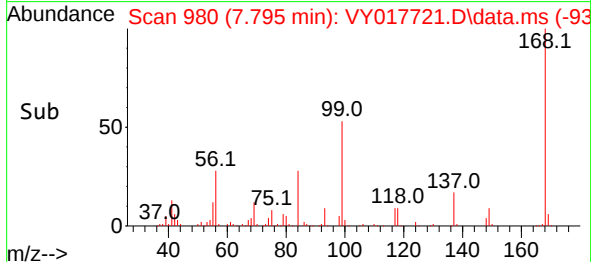
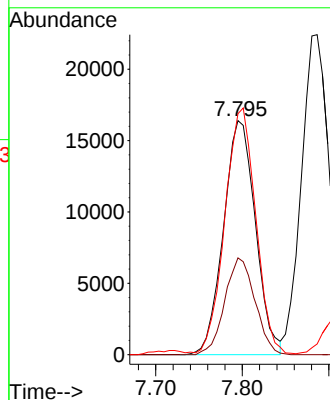
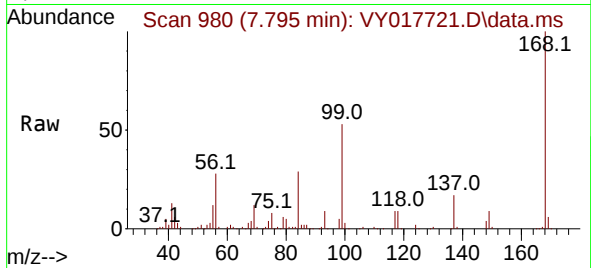
#31
Cyclohexane
Concen: 19.637 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY017721.D
Acq: 20 Mar 2024 10:17

Instrument :
MSVOA_Y
ClientSampleId :
VY0320SBS01

Tgt Ion: 56 Resp: 4210
Ion Ratio Lower Upper
56 100
69 41.4 28.7 43.1
84 101.6 77.7 116.5

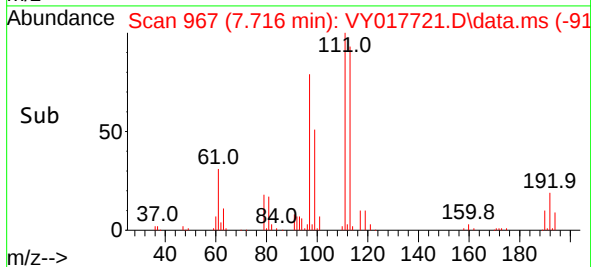
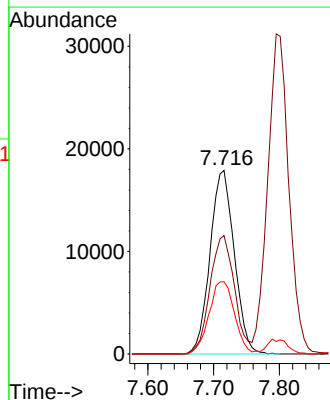
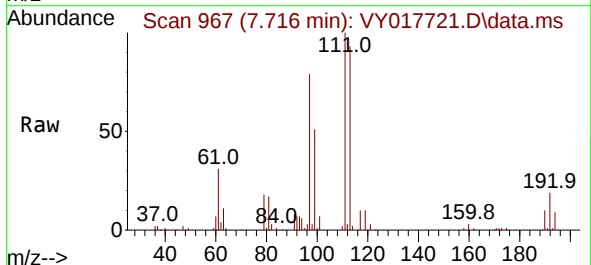
Manual Integrations
APPROVED

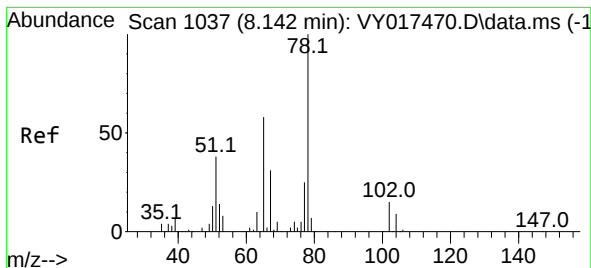
Reviewed By :Mahesh Dadoda 03/21/2024
Supervised By :Semsettin Yesilyurt 03/21/2024



#32
1,1,1-Trichloroethane
Concen: 19.852 ug/l
RT: 7.716 min Scan# 967
Delta R.T. 0.012 min
Lab File: VY017721.D
Acq: 20 Mar 2024 10:17

Tgt Ion: 97 Resp: 45903
Ion Ratio Lower Upper
97 100
99 65.4 50.3 75.5
61 41.7 32.6 48.8





#33

1,2-Dichloroethane-d4

Concen: 43.296 ug/l

RT: 8.155 min Scan# 1103

Delta R.T. 0.012 min

Lab File: VY017721.D

Acq: 20 Mar 2024 10:17

Instrument :

MSVOA_Y

ClientSampleId :

VY0320SBS01

Tgt Ion: 65 Resp: 5704

Ion Ratio Lower Upper

65 100

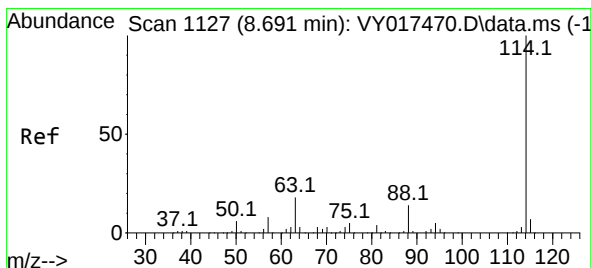
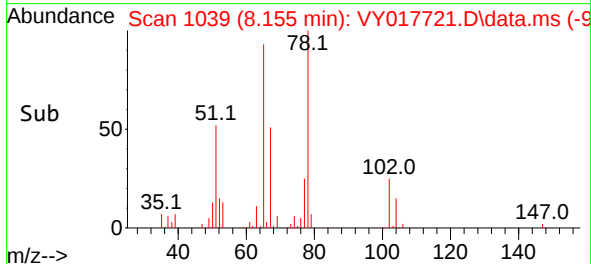
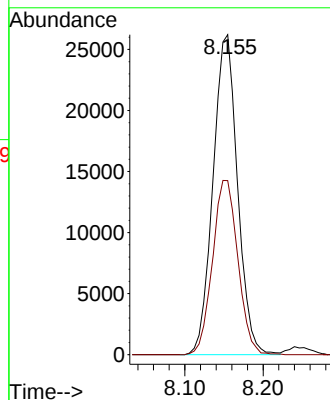
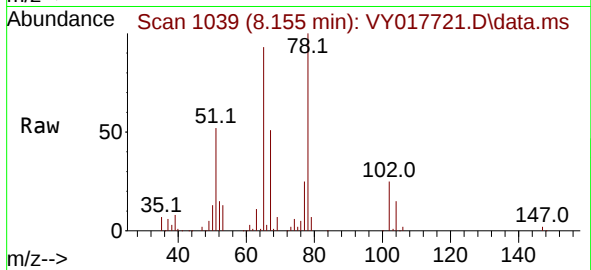
67 56.3 0.0 109.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/21/2024

Supervised By :Semsettin Yesilyurt 03/21/2024



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. 0.006 min

Lab File: VY017721.D

Acq: 20 Mar 2024 10:17

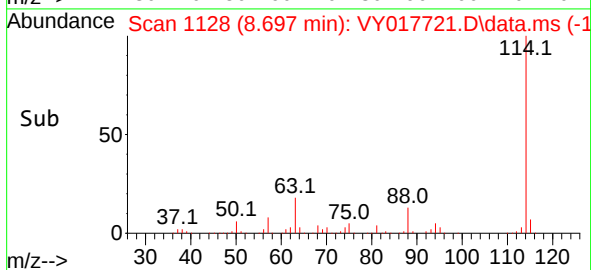
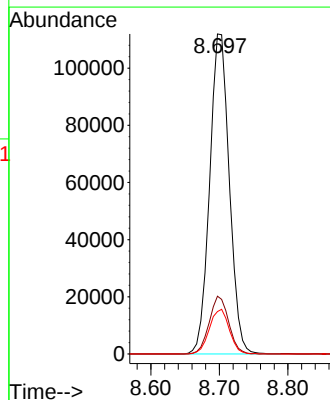
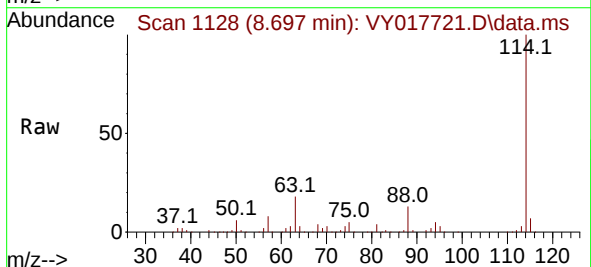
Tgt Ion:114 Resp: 223247

Ion Ratio Lower Upper

114 100

63 18.0 0.0 35.0

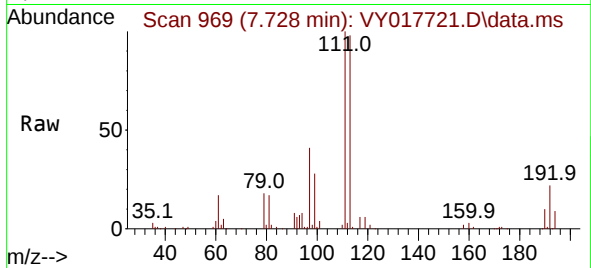
88 13.3 0.0 27.2





#35
Dibromofluoromethane
Concen: 43.173 ug/l
RT: 7.728 min Scan# 90
Delta R.T. 0.012 min
Lab File: VY017721.D
Acq: 20 Mar 2024 10:17

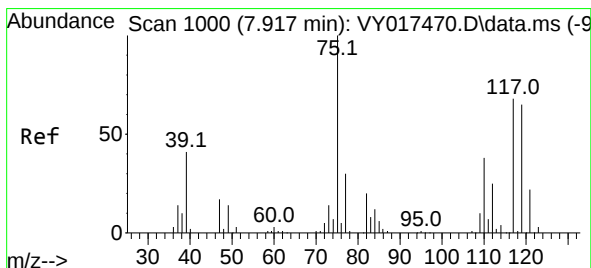
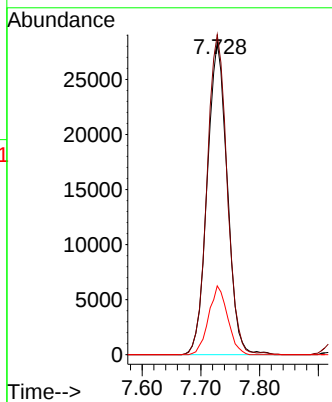
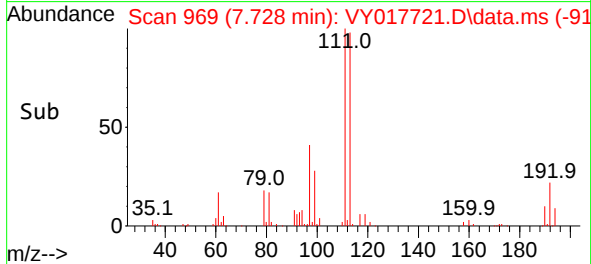
Instrument :
MSVOA_Y
ClientSampleId :
VY0320SBS01



Tgt Ion:113 Resp: 6716
Ion Ratio Lower Upper
113 100
111 102.7 82.2 123.4
192 20.9 15.9 23.9

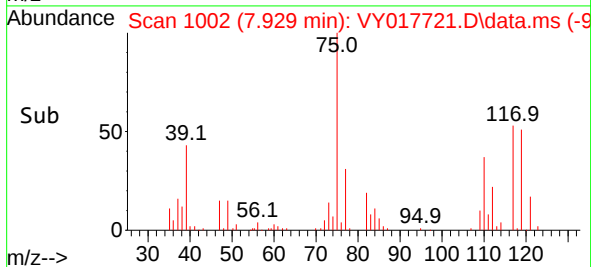
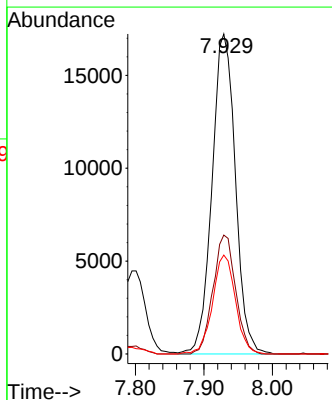
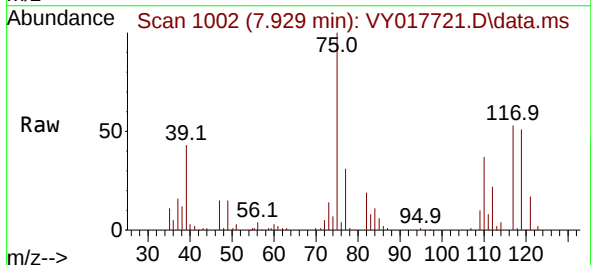
Manual Integrations
APPROVED

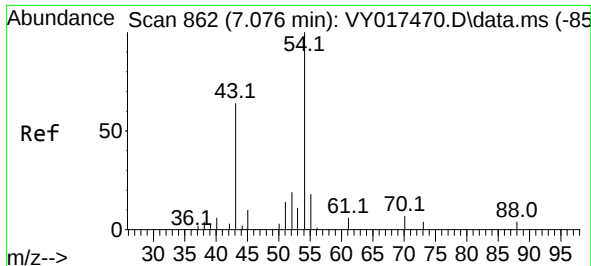
Reviewed By :Mahesh Dadoda 03/21/2024
Supervised By :Semsettin Yesilyurt 03/21/2024



#36
1,1-Dichloropropene
Concen: 19.419 ug/l
RT: 7.929 min Scan# 1002
Delta R.T. 0.012 min
Lab File: VY017721.D
Acq: 20 Mar 2024 10:17

Tgt Ion: 75 Resp: 40759
Ion Ratio Lower Upper
75 100
110 35.9 19.0 57.0
77 30.2 25.3 37.9





#37

Ethyl Acetate

Concen: 16.294 ug/l

RT: 7.088 min Scan# 862

Delta R.T. 0.012 min

Lab File: VY017721.D

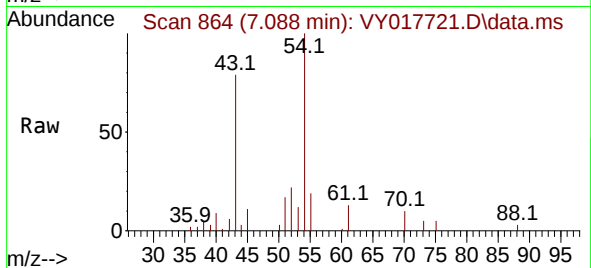
Acq: 20 Mar 2024 10:17

Instrument :

MSVOA_Y

ClientSampleId :

VY0320SBS01



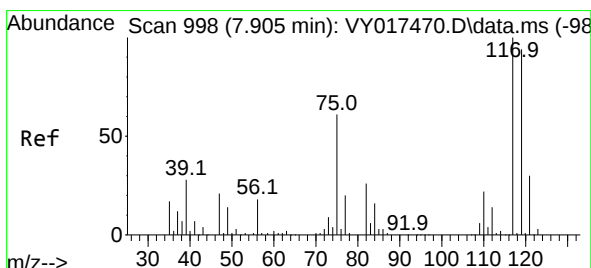
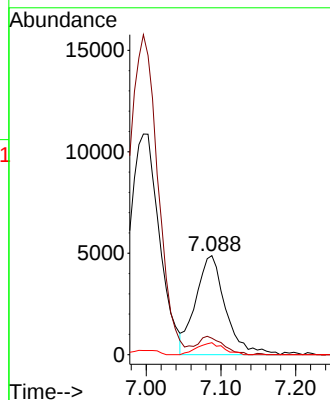
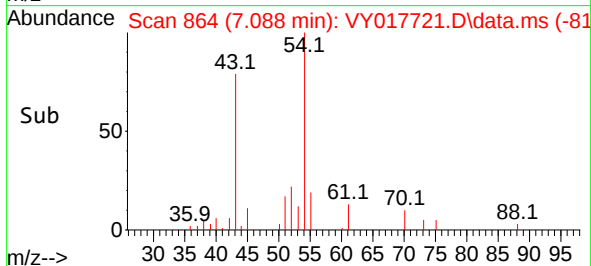
Tgt Ion: 43 Resp: 1350

Ion	Ratio	Lower	Upper
43	100		
61	14.6	12.6	19.0
70	10.6	7.8	11.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/21/2024
Supervised By :Semsettin Yesilyurt 03/21/2024



#38

Carbon Tetrachloride

Concen: 19.216 ug/l

RT: 7.911 min Scan# 999

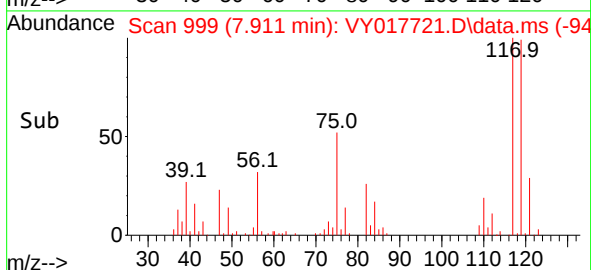
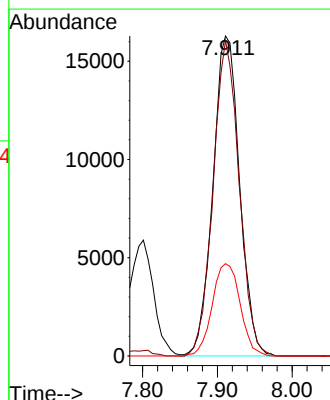
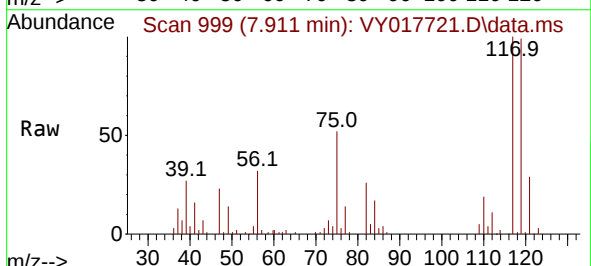
Delta R.T. 0.006 min

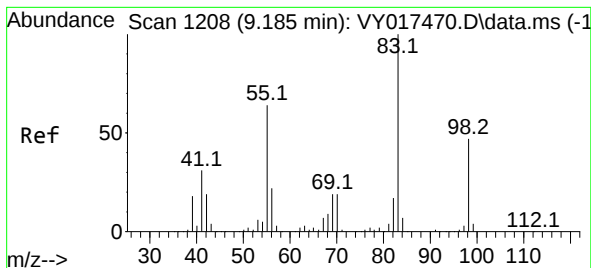
Lab File: VY017721.D

Acq: 20 Mar 2024 10:17

Tgt Ion:117 Resp: 40423

Ion	Ratio	Lower	Upper
117	100		
119	98.6	75.8	113.6
121	28.9	24.0	36.0





#39

Methylcyclohexane

Concen: 18.516 ug/l

RT: 9.197 min Scan# 11

Delta R.T. 0.012 min

Lab File: VY017721.D

Acq: 20 Mar 2024 10:17

Instrument :

MSVOA_Y

ClientSampleId :

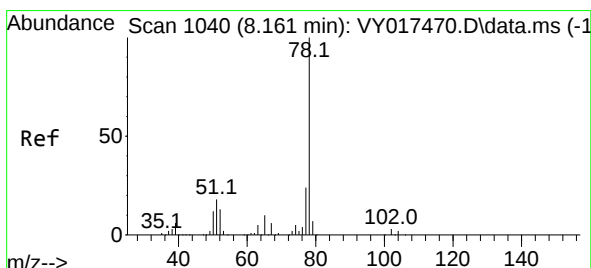
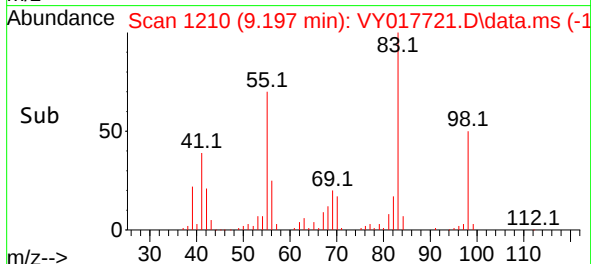
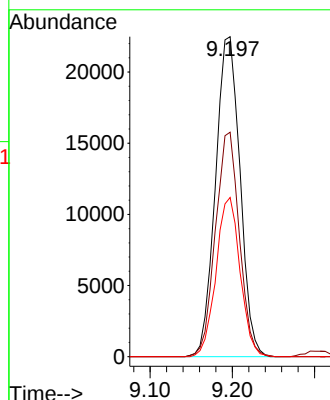
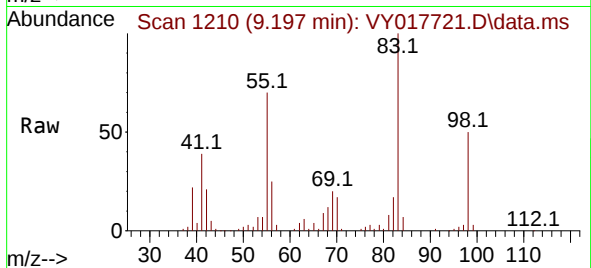
VY0320SBS01

Tgt Ion: 83 Resp: 46705
 Ion Ratio Lower Upper
 83 100
 55 70.1 51.5 77.3
 98 49.7 40.5 60.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/21/2024
 Supervised By :Semsettin Yesilyurt 03/21/2024



#40

Benzene

Concen: 18.921 ug/l

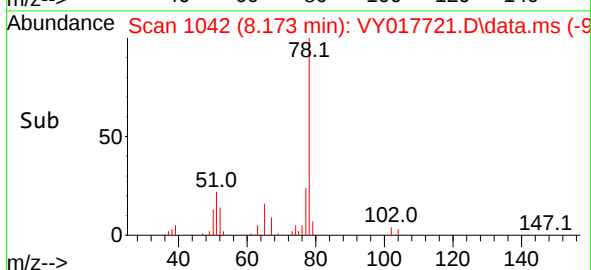
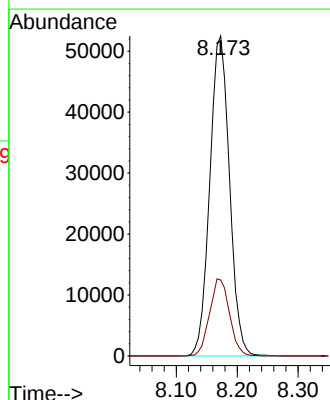
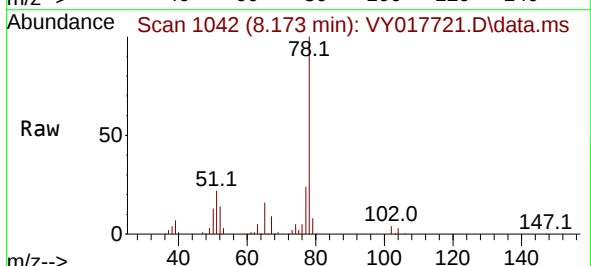
RT: 8.173 min Scan# 1042

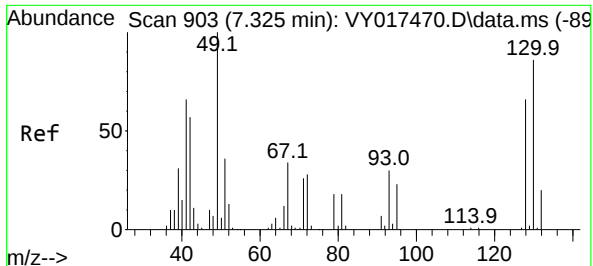
Delta R.T. 0.012 min

Lab File: VY017721.D

Acq: 20 Mar 2024 10:17

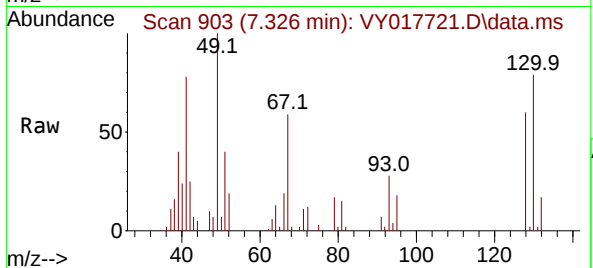
Tgt Ion: 78 Resp: 117936
 Ion Ratio Lower Upper
 78 100
 77 23.8 19.5 29.3





#41
Methacrylonitrile
Concen: 17.829 ug/l m
RT: 7.326 min Scan# 903
Delta R.T. 0.000 min
Lab File: VY017721.D
Acq: 20 Mar 2024 10:17

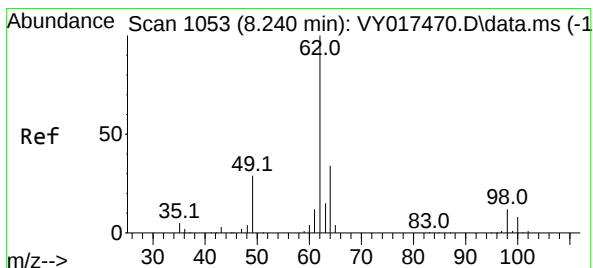
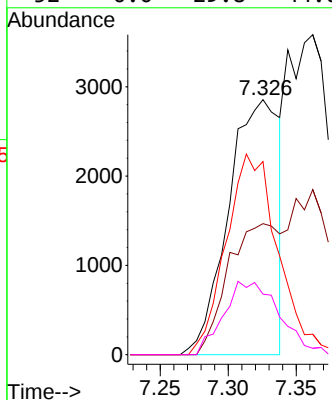
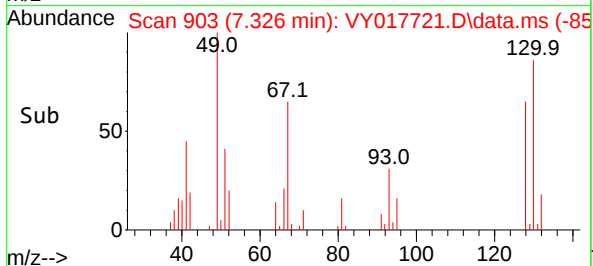
Instrument :
MSVOA_Y
ClientSampleId :
VY0320SBS01



Tgt Ion: 41 Resp: 741
Ion Ratio Lower Upper
41 100
39 52.2 48.0 72.0
67 0.0 75.1 112.7
52 0.0 29.8 44.6

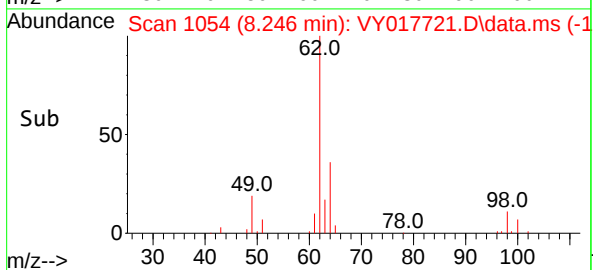
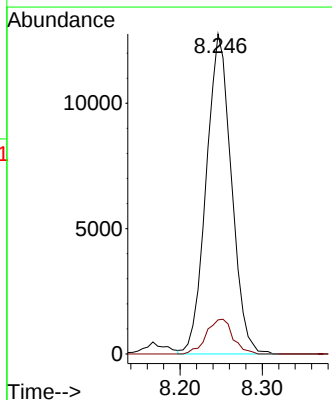
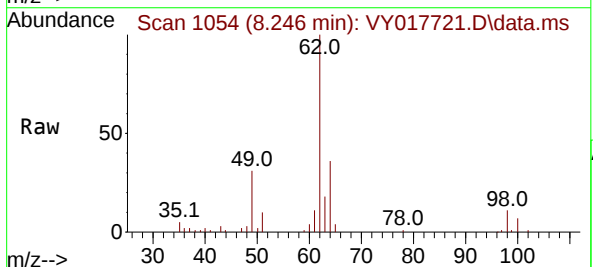
Manual Integrations
APPROVED

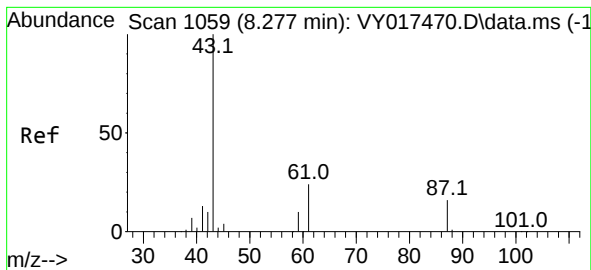
Reviewed By :Mahesh Dadoda 03/21/2024
Supervised By :Semsettin Yesilyurt 03/21/2024



#42
1,2-Dichloroethane
Concen: 17.867 ug/l
RT: 8.246 min Scan# 1054
Delta R.T. 0.006 min
Lab File: VY017721.D
Acq: 20 Mar 2024 10:17

Tgt Ion: 62 Resp: 27172
Ion Ratio Lower Upper
62 100
98 11.4 0.0 22.0





#43

Isopropyl Acetate

Concen: 15.947 ug/l

RT: 8.283 min Scan# 1060

Delta R.T. 0.006 min

Lab File: VY017721.D

Acq: 20 Mar 2024 10:17

Instrument :

MSVOA_Y

ClientSampleId :

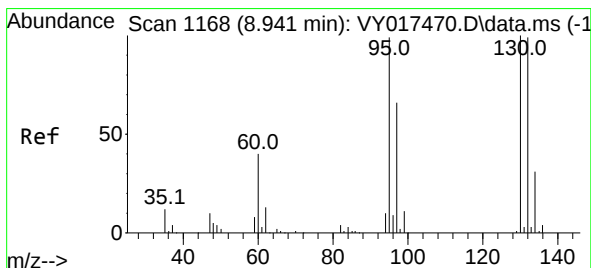
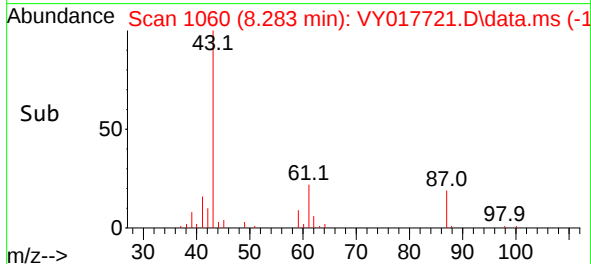
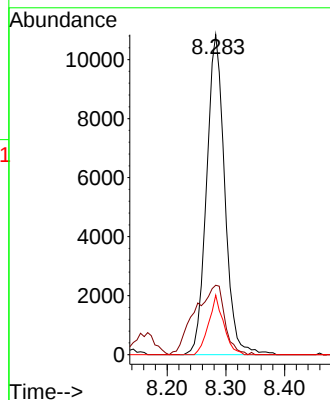
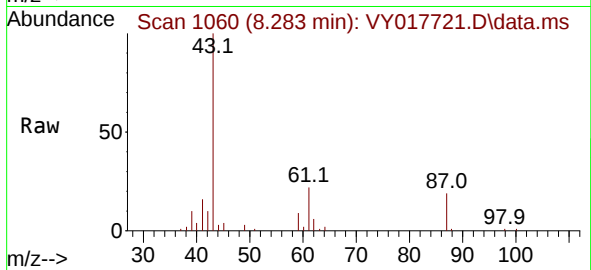
VY0320SBS01

Tgt Ion:	43	Resp:	2323
Ion	Ratio	Lower	Upper
43	100		
61	35.8	27.9	41.9
87	15.5	13.1	19.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/21/2024
Supervised By :Semsettin Yesilyurt 03/21/2024



#44

Trichloroethene

Concen: 18.122 ug/l

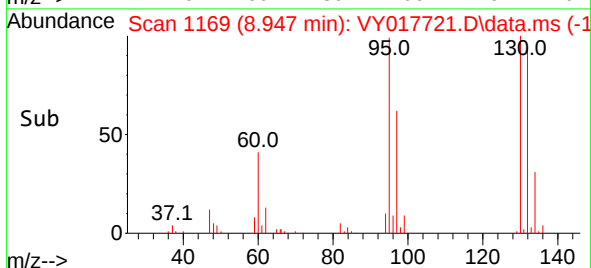
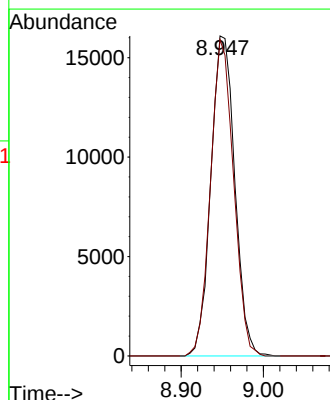
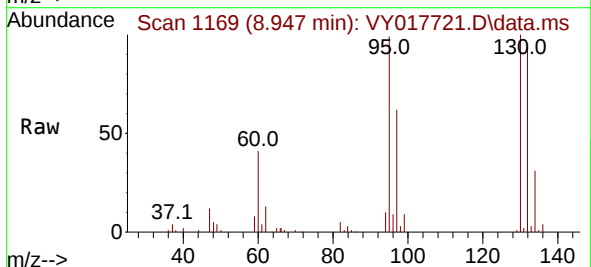
RT: 8.947 min Scan# 1169

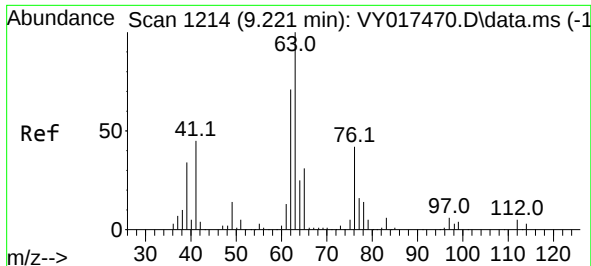
Delta R.T. 0.006 min

Lab File: VY017721.D

Acq: 20 Mar 2024 10:17

Tgt Ion:	130	Resp:	32558
Ion	Ratio	Lower	Upper
130	100		
95	98.9	0.0	188.0





#45

1,2-Dichloropropane

Concen: 19.048 ug/l

RT: 9.228 min Scan# 1214

Delta R.T. 0.006 min

Lab File: VY017721.D

Acq: 20 Mar 2024 10:17

Instrument :

MSVOA_Y

ClientSampleId :

VY0320SBS01

Tgt Ion: 63 Resp: 2824

Ion Ratio Lower Upper

63 100

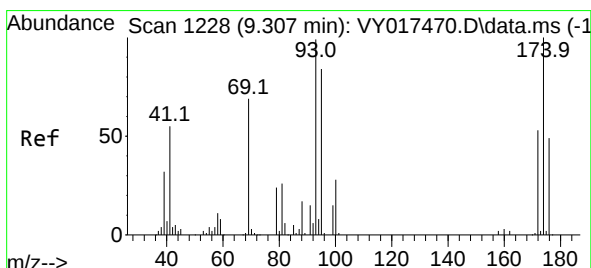
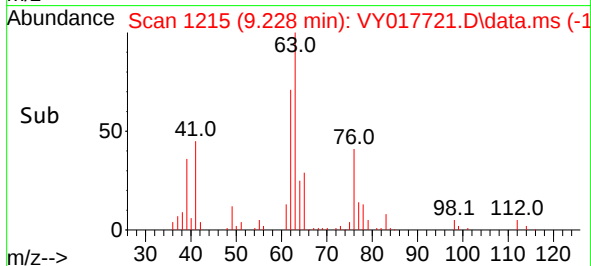
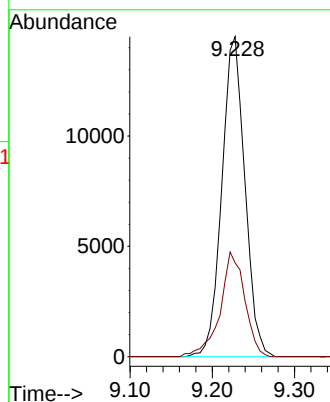
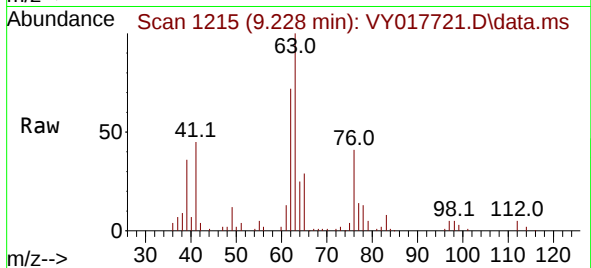
65 29.4 25.4 38.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/21/2024

Supervised By :Semsettin Yesilyurt 03/21/2024



#46

Dibromomethane

Concen: 17.343 ug/l

RT: 9.319 min Scan# 1230

Delta R.T. 0.012 min

Lab File: VY017721.D

Acq: 20 Mar 2024 10:17

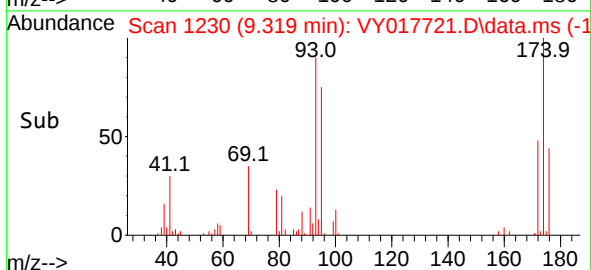
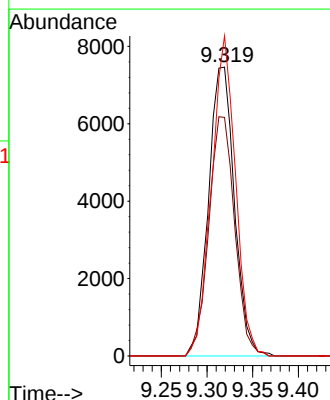
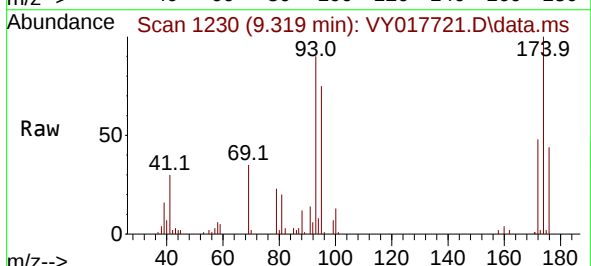
Tgt Ion: 93 Resp: 14719

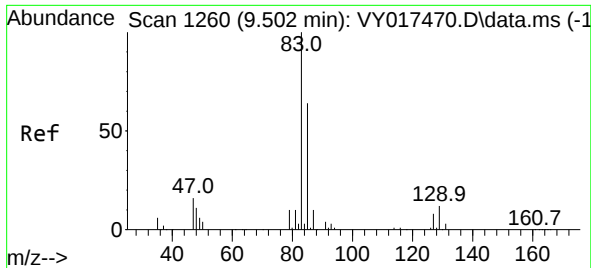
Ion Ratio Lower Upper

93 100

95 82.7 66.2 99.4

174 102.7 80.9 121.3





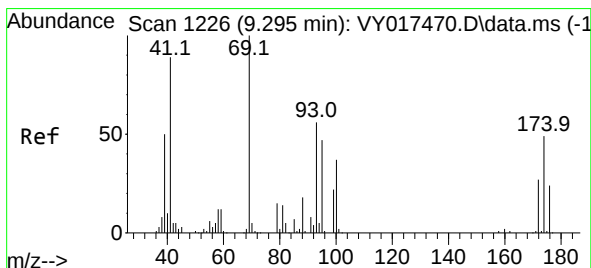
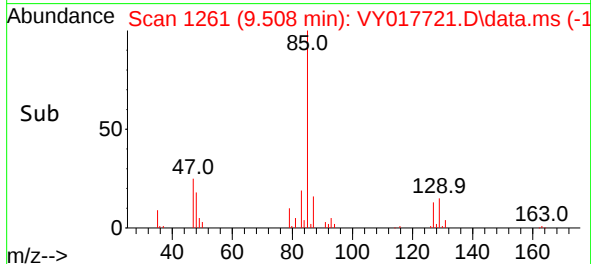
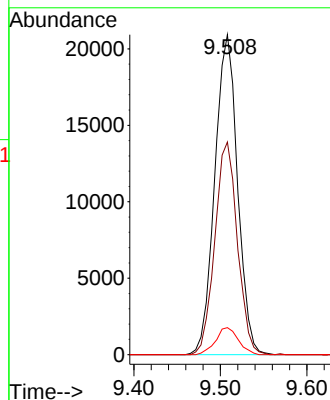
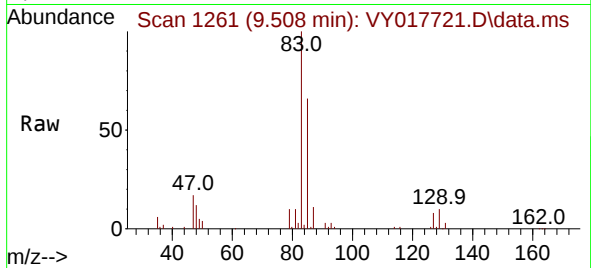
#47
Bromodichloromethane
Concen: 18.531 ug/l
RT: 9.508 min Scan# 1261
Delta R.T. 0.006 min
Lab File: VY017721.D
Acq: 20 Mar 2024 10:17

Instrument :
MSVOA_Y
ClientSampleId :
VY0320SBS01

Tgt Ion: 83 Resp: 3818
Ion Ratio Lower Upper
83 100
85 66.5 50.1 75.1
127 8.4 7.4 11.0

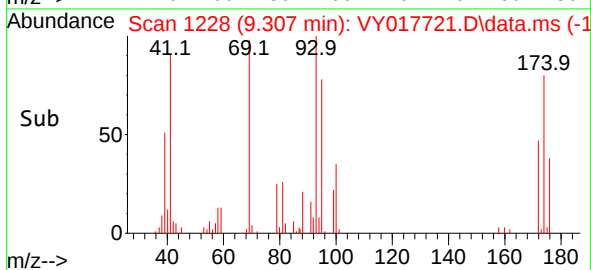
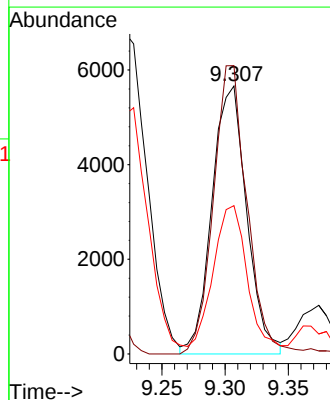
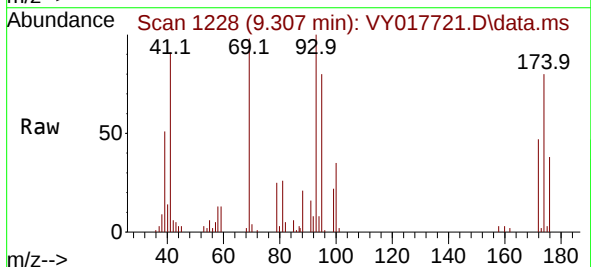
Manual Integrations
APPROVED

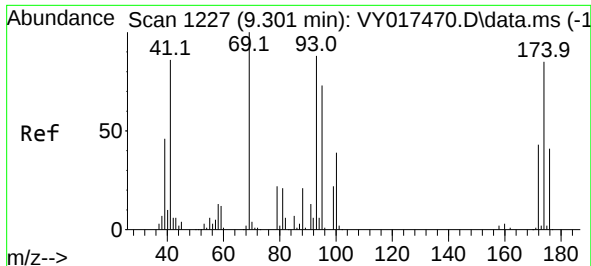
Reviewed By :Mahesh Dadoda 03/21/2024
Supervised By :Semsettin Yesilyurt 03/21/2024



#48
Methyl methacrylate
Concen: 16.073 ug/l
RT: 9.307 min Scan# 1228
Delta R.T. 0.012 min
Lab File: VY017721.D
Acq: 20 Mar 2024 10:17

Tgt Ion: 41 Resp: 10838
Ion Ratio Lower Upper
41 100
69 104.8 84.1 126.1
39 50.9 43.6 65.4





#49

1,4-Dioxane

Concen: 283.914 ug/l

RT: 9.307 min Scan# 1227

Delta R.T. 0.006 min

Lab File: VY017721.D

Acq: 20 Mar 2024 10:17

Instrument :

MSVOA_Y

ClientSampleId :

VY0320SBS01

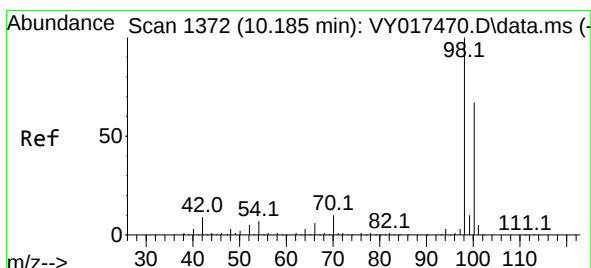
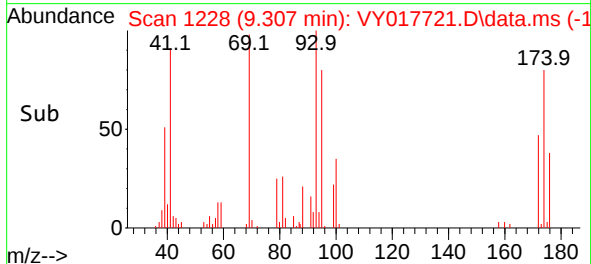
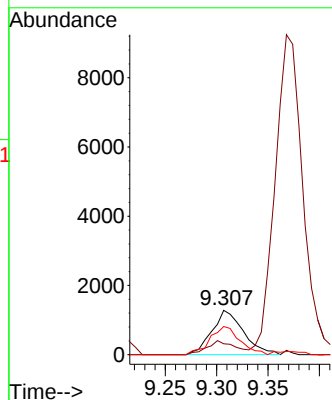
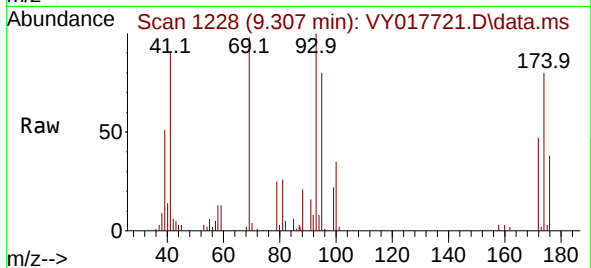
Tgt Ion: 88 Resp: 272

Ion	Ratio	Lower	Upper
88	100		
43	28.7	0.0	0.0
58	60.2	49.3	73.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/21/2024
Supervised By :Semsettin Yesilyurt 03/21/2024



#50

Toluene-d8

Concen: 46.973 ug/l

RT: 10.191 min Scan# 1373

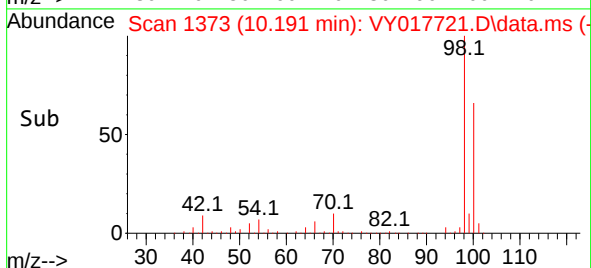
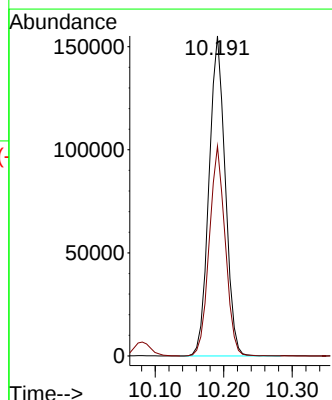
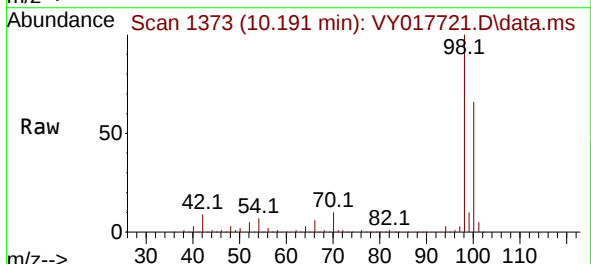
Delta R.T. 0.006 min

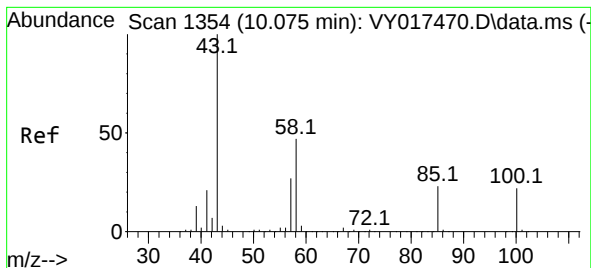
Lab File: VY017721.D

Acq: 20 Mar 2024 10:17

Tgt Ion: 98 Resp: 255491

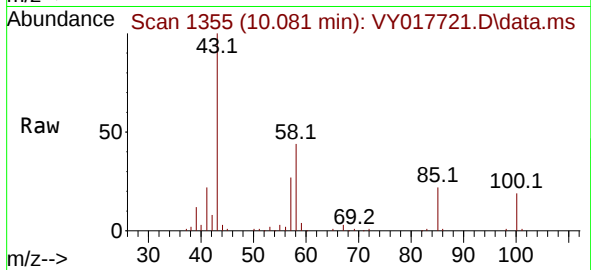
Ion	Ratio	Lower	Upper
98	100		
100	64.6	52.0	78.0





#51
4-Methyl-2-Pentanone
Concen: 75.598 ug/l
RT: 10.081 min Scan# 1355
Delta R.T. 0.006 min
Lab File: VY017721.D
Acq: 20 Mar 2024 10:17

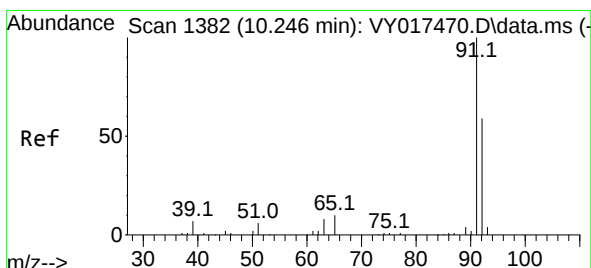
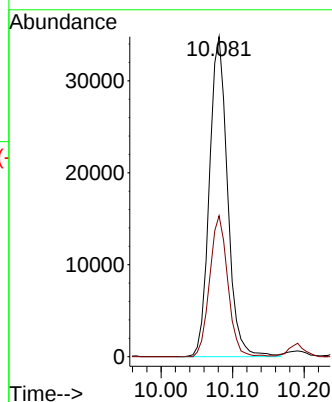
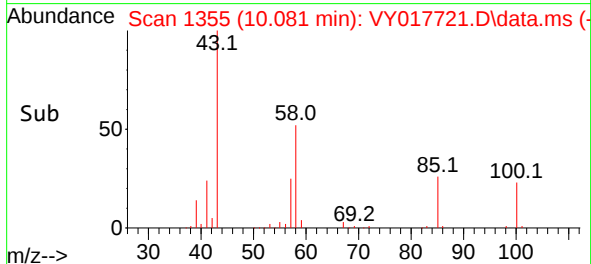
Instrument :
MSVOA_Y
ClientSampleId :
VY0320SBS01



Tgt Ion: 43 Resp: 61378
Ion Ratio Lower Upper
43 100
58 44.0 35.7 53.5

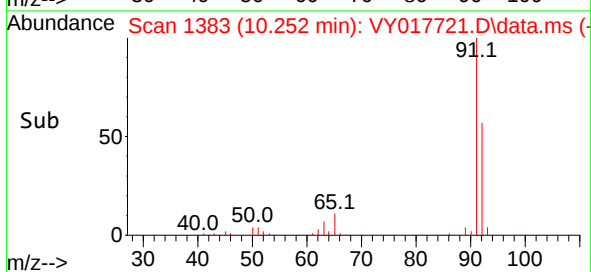
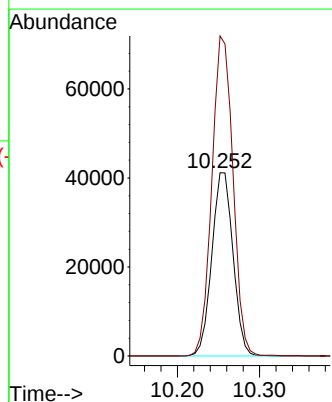
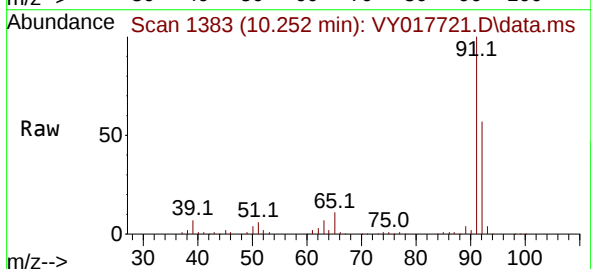
Manual Integrations
APPROVED

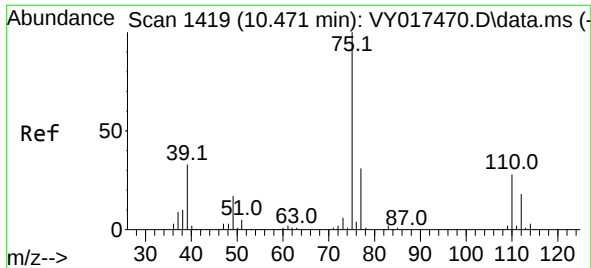
Reviewed By :Mahesh Dadoda 03/21/2024
Supervised By :Semsettin Yesilyurt 03/21/2024



#52
Toluene
Concen: 18.744 ug/l
RT: 10.252 min Scan# 1383
Delta R.T. 0.006 min
Lab File: VY017721.D
Acq: 20 Mar 2024 10:17

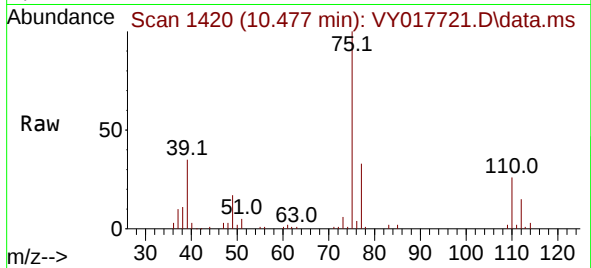
Tgt Ion: 92 Resp: 73654
Ion Ratio Lower Upper
92 100
91 174.2 139.0 208.6





#53
t-1,3-Dichloropropene
Concen: 17.296 ug/l
RT: 10.477 min Scan# 1419
Delta R.T. 0.006 min
Lab File: VY017721.D
Acq: 20 Mar 2024 10:17

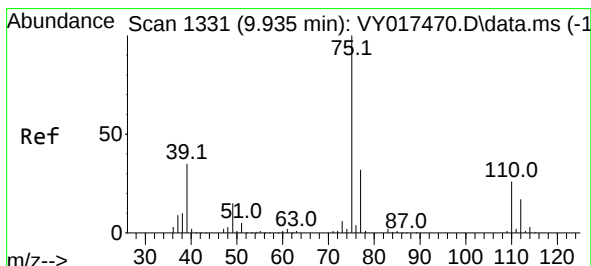
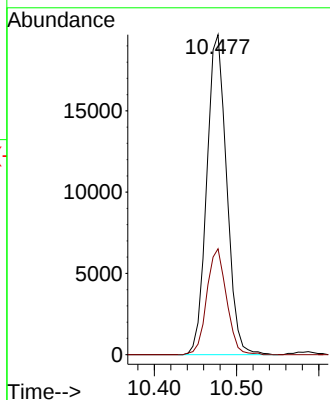
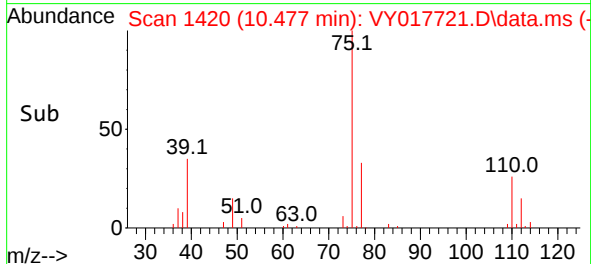
Instrument :
MSVOA_Y
ClientSampleId :
VY0320SBS01



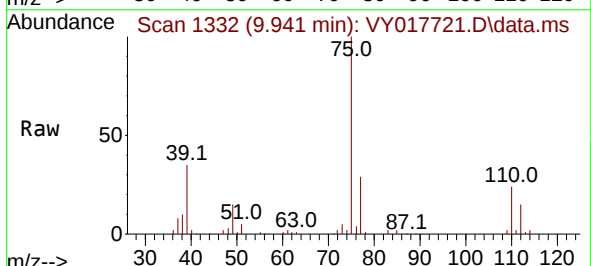
Tgt Ion: 75 Resp: 3308
Ion Ratio Lower Upper
75 100
77 33.1 24.1 36.1

Manual Integrations
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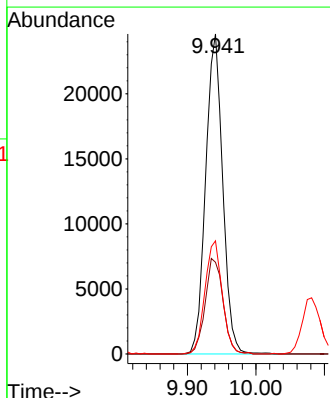
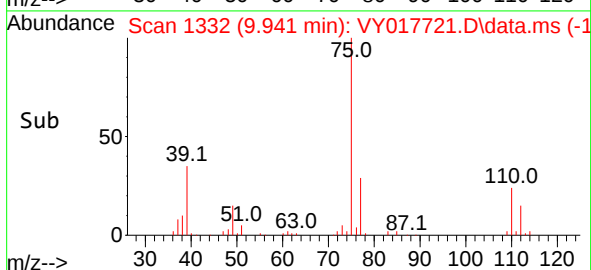
Reviewed By :Mahesh Dadoda 03/21/2024
Supervised By :Semsettin Yesilyurt 03/21/2024

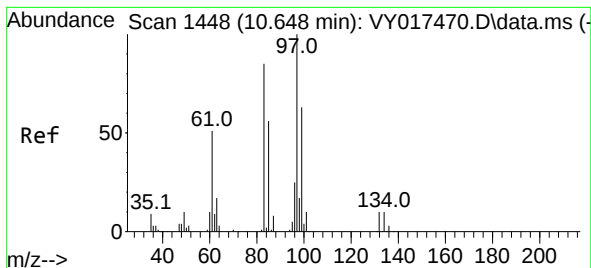


#54
cis-1,3-Dichloropropene
Concen: 18.265 ug/l
RT: 9.941 min Scan# 1332
Delta R.T. 0.006 min
Lab File: VY017721.D
Acq: 20 Mar 2024 10:17



Tgt Ion: 75 Resp: 42451
Ion Ratio Lower Upper
75 100
77 28.6 25.4 38.0
39 35.3 29.8 44.6





#55

1,1,2-Trichloroethane

Concen: 17.162 ug/l

RT: 10.654 min Scan# 1448

Delta R.T. 0.006 min

Lab File: VY017721.D

Acq: 20 Mar 2024 10:17

Instrument :

MSVOA_Y

ClientSampleId :

VY0320SBS01

Tgt Ion: 97 Resp: 2068

Ion Ratio Lower Upper

97 100

83 85.1 67.5 101.3

85 51.8 42.9 64.3

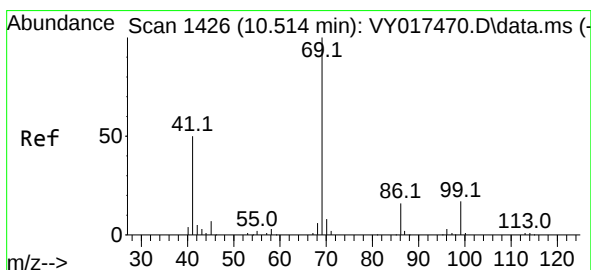
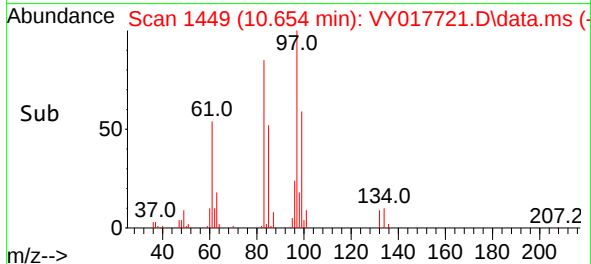
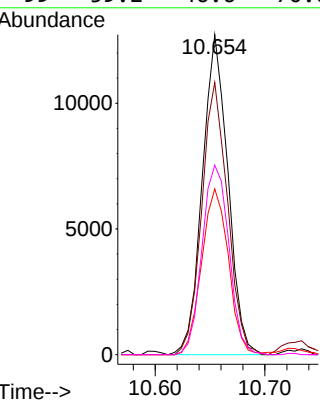
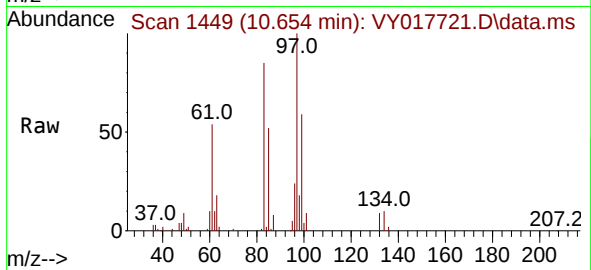
99 59.2 46.6 70.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/21/2024

Supervised By :Semsettin Yesilyurt 03/21/2024



#56

Ethyl methacrylate

Concen: 15.693 ug/l

RT: 10.520 min Scan# 1427

Delta R.T. 0.006 min

Lab File: VY017721.D

Acq: 20 Mar 2024 10:17

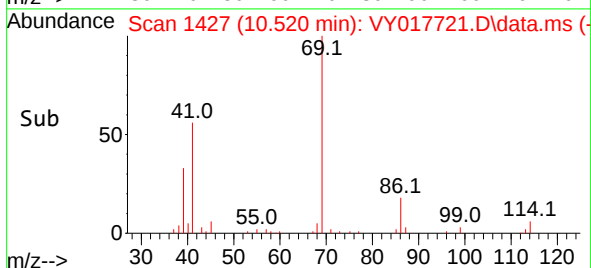
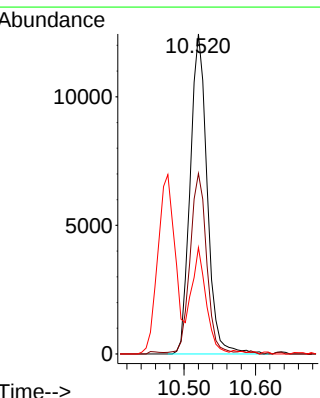
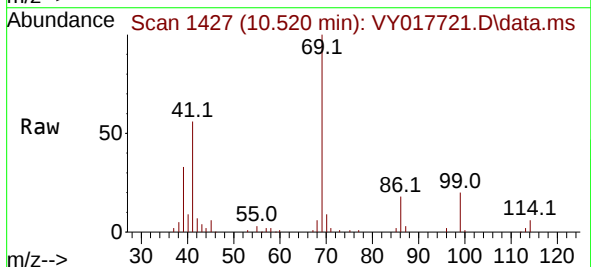
Tgt Ion: 69 Resp: 20546

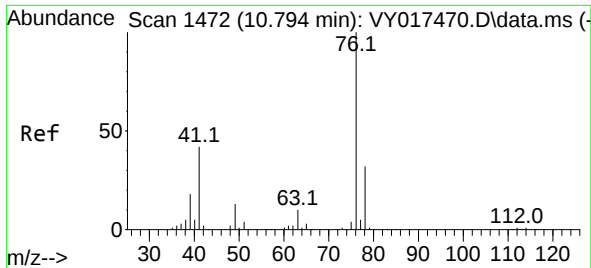
Ion Ratio Lower Upper

69 100

41 53.7 42.3 63.5

39 27.4 22.9 34.3





#57

1,3-Dichloropropane

Concen: 17.388 ug/l

RT: 10.801 min Scan# 1472

Delta R.T. 0.006 min

Lab File: VY017721.D

Acq: 20 Mar 2024 10:17

Instrument :

MSVOA_Y

ClientSampleId :

VY0320SBS01

Tgt Ion: 76 Resp: 3406

Ion Ratio Lower Upper

76 100

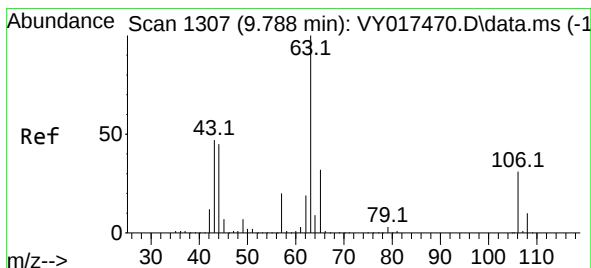
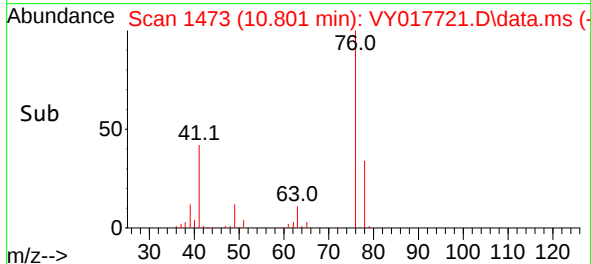
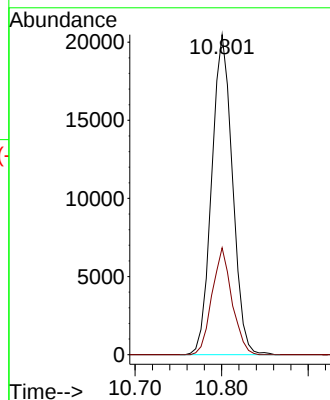
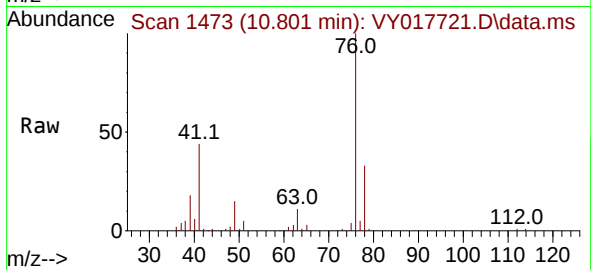
78 32.1 26.2 39.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/21/2024

Supervised By :Semsettin Yesilyurt 03/21/2024



#58

2-Chloroethyl Vinyl ether

Concen: 75.487 ug/l

RT: 9.795 min Scan# 1308

Delta R.T. 0.006 min

Lab File: VY017721.D

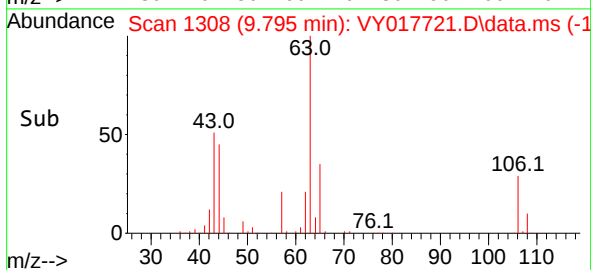
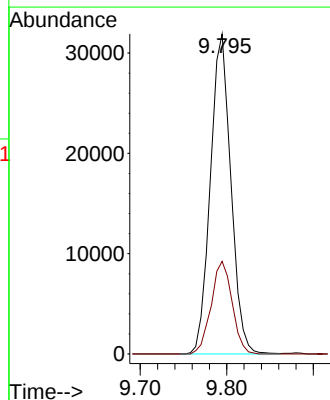
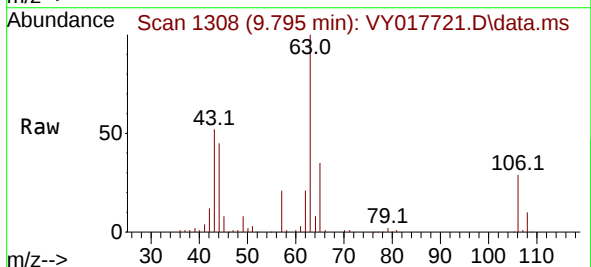
Acq: 20 Mar 2024 10:17

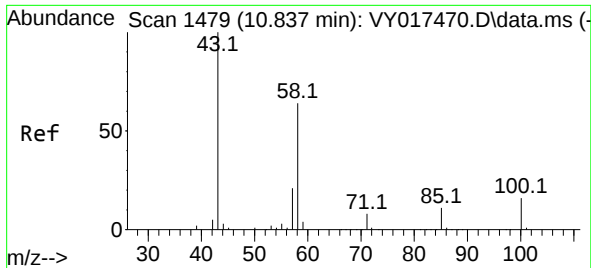
Tgt Ion: 63 Resp: 52490

Ion Ratio Lower Upper

63 100

106 29.5 23.7 35.5





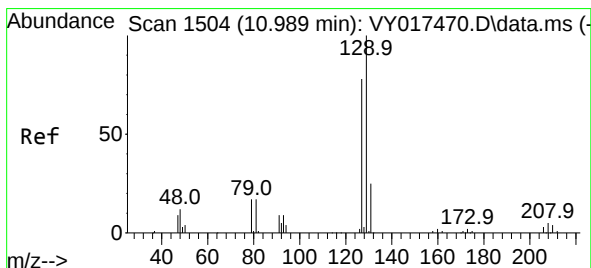
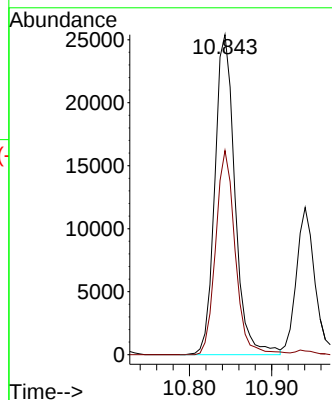
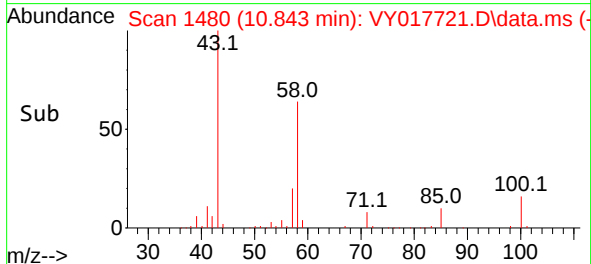
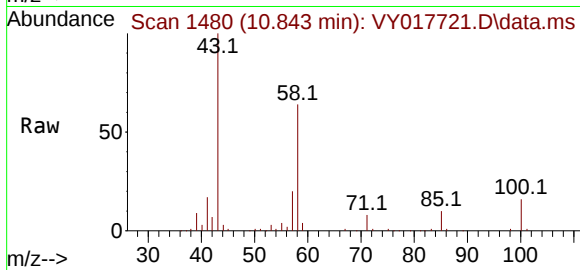
#59
2-Hexanone
Concen: 77.352 ug/l
RT: 10.843 min Scan# 1479
Delta R.T. 0.006 min
Lab File: VY017721.D
Acq: 20 Mar 2024 10:17

Instrument :
MSVOA_Y
ClientSampleId :
VY0320SBS01

Tgt Ion: 43 Resp: 4313
Ion Ratio Lower Upper
43 100
58 62.1 31.4 94.0

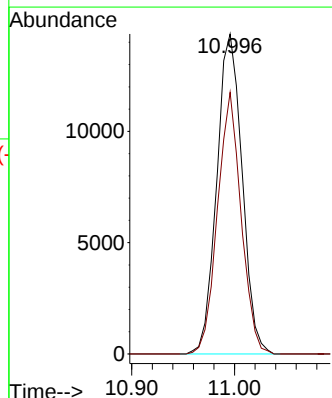
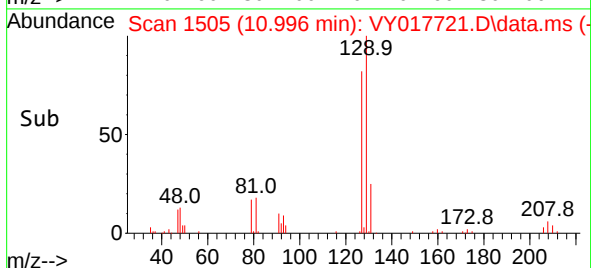
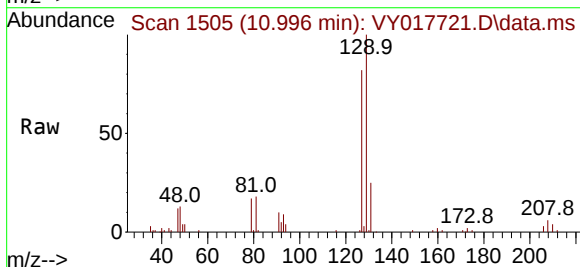
Manual Integrations
APPROVED

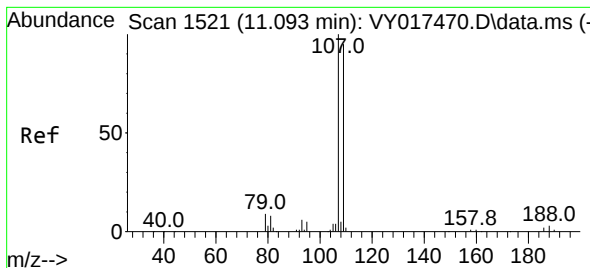
Reviewed By :Mahesh Dadoda 03/21/2024
Supervised By :Semsettin Yesilyurt 03/21/2024



#60
Dibromochloromethane
Concen: 17.252 ug/l
RT: 10.996 min Scan# 1505
Delta R.T. 0.006 min
Lab File: VY017721.D
Acq: 20 Mar 2024 10:17

Tgt Ion:129 Resp: 24594
Ion Ratio Lower Upper
129 100
127 76.0 39.0 117.0





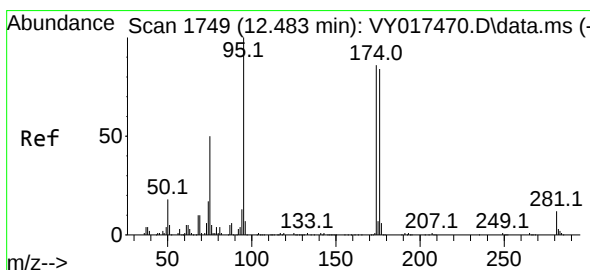
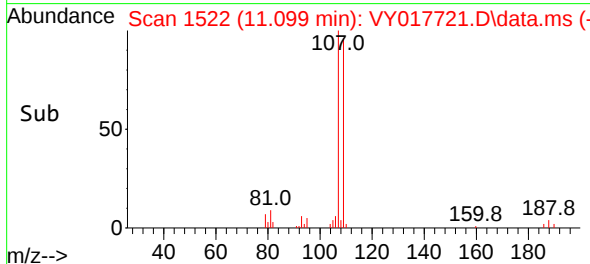
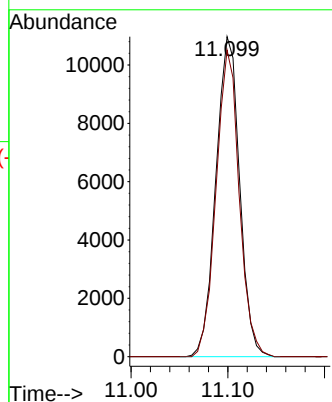
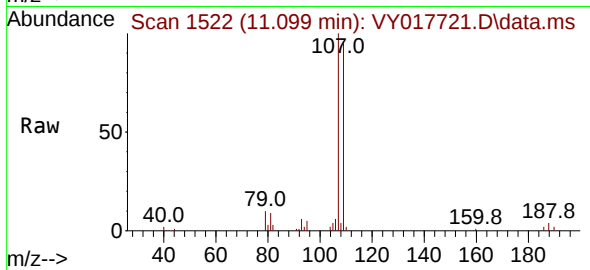
#61
1,2-Dibromoethane
Concen: 16.792 ug/l
RT: 11.099 min Scan# 1109
Delta R.T. 0.006 min
Lab File: VY017721.D
Acq: 20 Mar 2024 10:17

Instrument :
MSVOA_Y
ClientSampleId :
VY0320SBS01

Tgt Ion:107 Resp: 1864
Ion Ratio Lower Upper
107 100
109 93.6 75.9 113.9

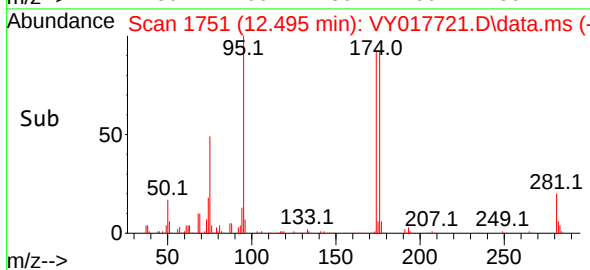
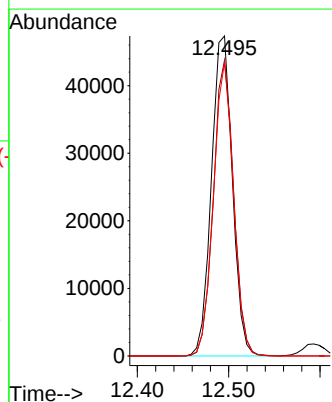
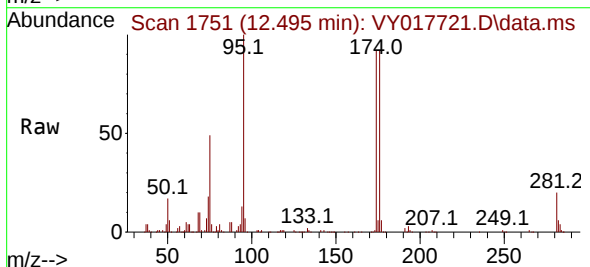
Manual Integrations
APPROVED

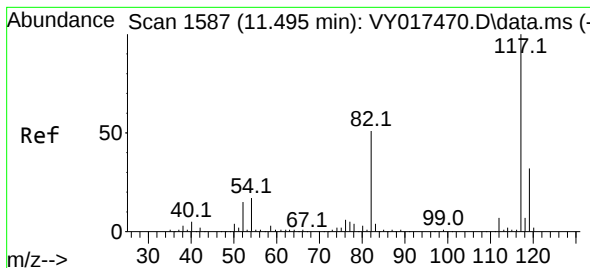
Reviewed By :Mahesh Dadoda 03/21/2024
Supervised By :Semsettin Yesilyurt 03/21/2024



#62
4-Bromofluorobenzene
Concen: 44.059 ug/l
RT: 12.495 min Scan# 1751
Delta R.T. 0.012 min
Lab File: VY017721.D
Acq: 20 Mar 2024 10:17

Tgt Ion: 95 Resp: 75314
Ion Ratio Lower Upper
95 100
174 89.5 0.0 175.6
176 88.3 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.502 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY017721.D

Acq: 20 Mar 2024 10:17

Instrument :

MSVOA_Y

ClientSampleId :

VY0320SBS01

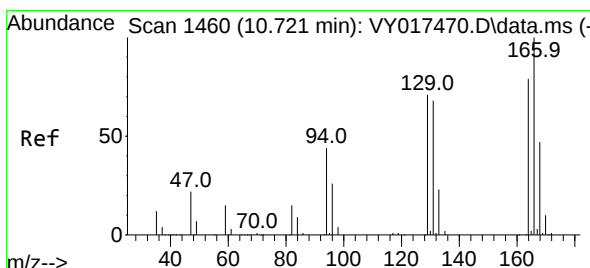
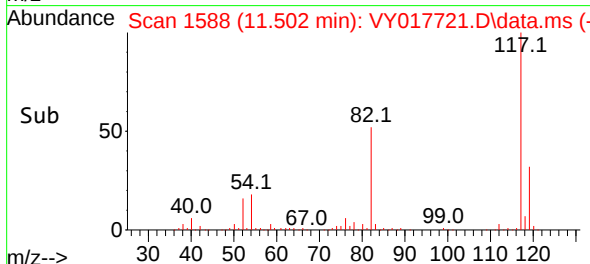
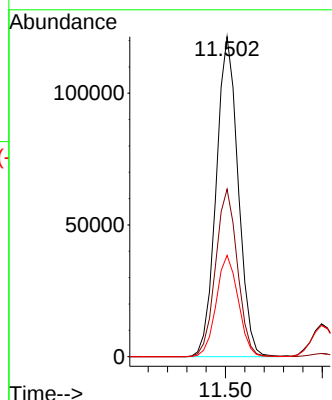
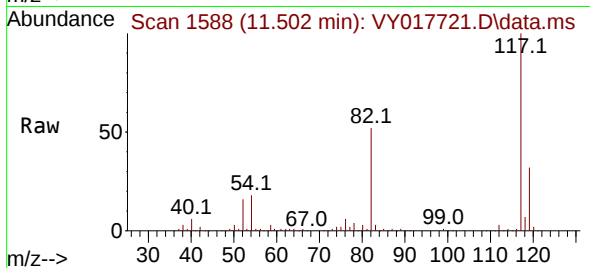
Tgt Ion:117 Resp: 19147

Ion	Ratio	Lower	Upper
117	100		
82	52.4	42.4	63.6
119	31.6	25.9	38.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/21/2024
Supervised By :Semsettin Yesilyurt 03/21/2024



#64

Tetrachloroethene

Concen: 18.217 ug/l

RT: 10.727 min Scan# 1461

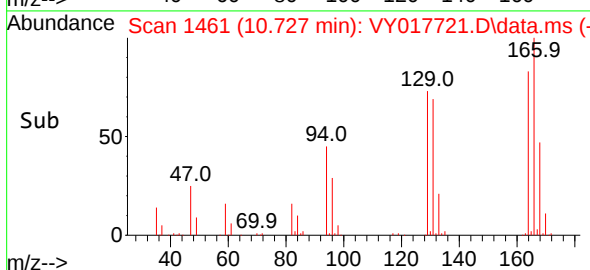
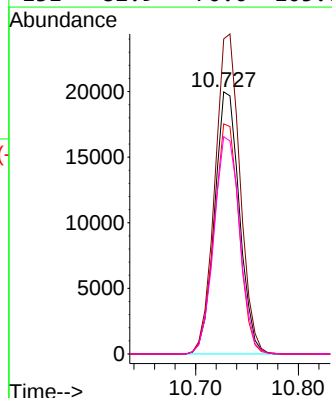
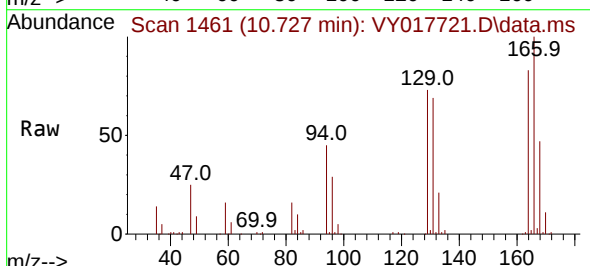
Delta R.T. 0.006 min

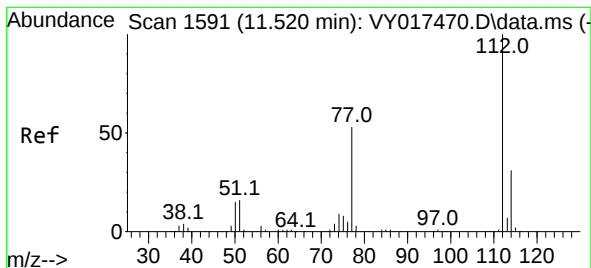
Lab File: VY017721.D

Acq: 20 Mar 2024 10:17

Tgt Ion:164 Resp: 33480

Ion	Ratio	Lower	Upper
164	100		
166	120.2	102.6	154.0
129	87.8	72.0	108.0
131	82.9	70.0	105.0





#65

Chlorobenzene

Concen: 18.993 ug/l

RT: 11.526 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY017721.D

Acq: 20 Mar 2024 10:17

Instrument :

MSVOA_Y

ClientSampleId :

VY0320SBS01

Tgt Ion:112 Resp: 7719

Ion Ratio Lower Upper

112 100

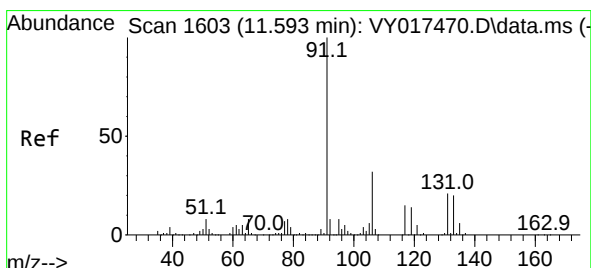
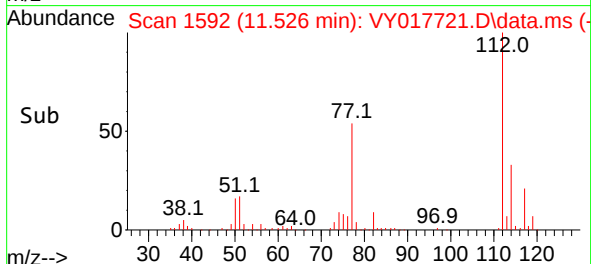
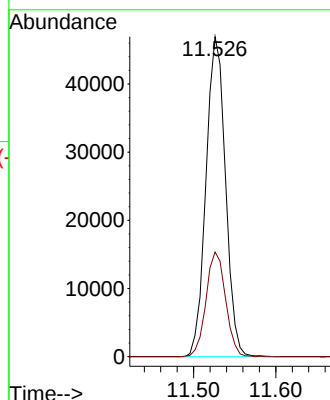
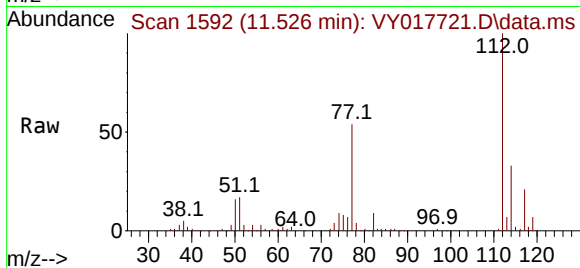
114 32.7 26.4 39.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/21/2024

Supervised By :Semsettin Yesilyurt 03/21/2024



#66

1,1,1,2-Tetrachloroethane

Concen: 18.072 ug/l

RT: 11.599 min Scan# 1604

Delta R.T. 0.006 min

Lab File: VY017721.D

Acq: 20 Mar 2024 10:17

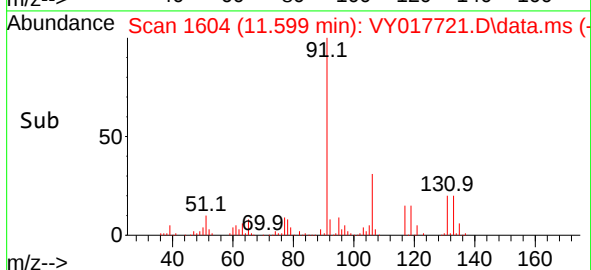
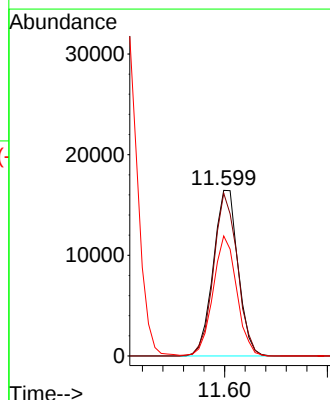
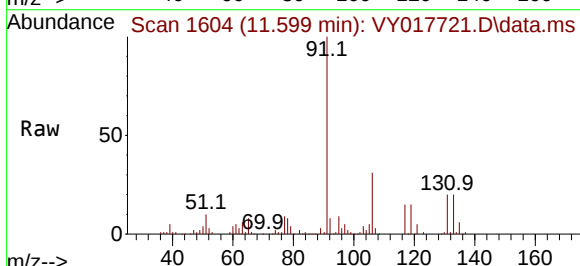
Tgt Ion:131 Resp: 27516

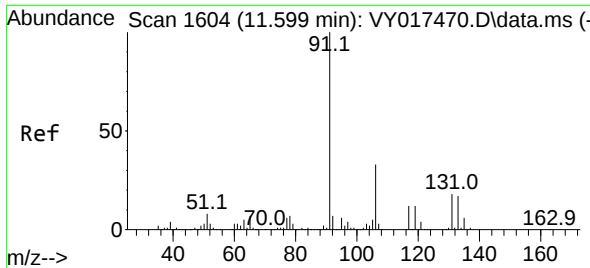
Ion Ratio Lower Upper

131 100

133 94.5 47.8 143.3

119 69.2 34.1 102.2





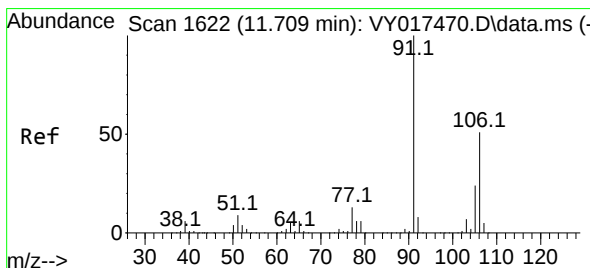
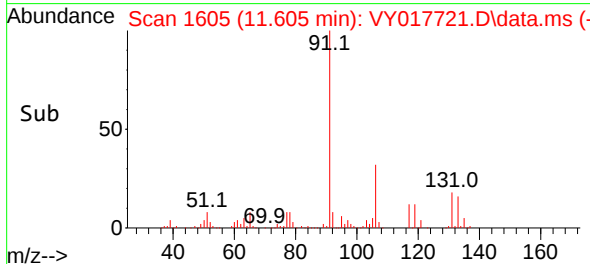
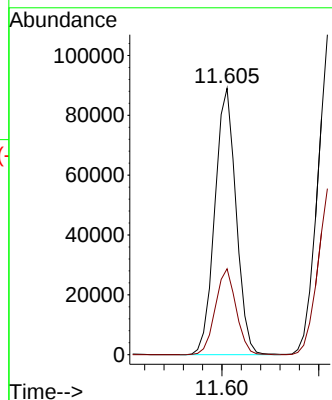
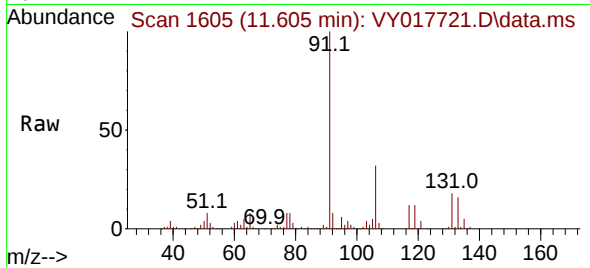
#67
Ethyl Benzene
Concen: 19.010 ug/l
RT: 11.605 min Scan# 1605
Delta R.T. 0.006 min
Lab File: VY017721.D
Acq: 20 Mar 2024 10:17

Instrument :
MSVOA_Y
ClientSampleId :
VY0320SBS01

Tgt Ion: 91 Resp: 135490
Ion Ratio Lower Upper
91 100
106 32.3 24.5 36.7

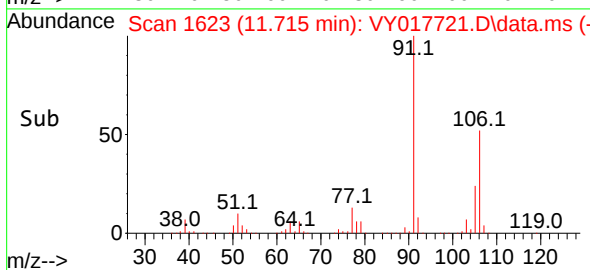
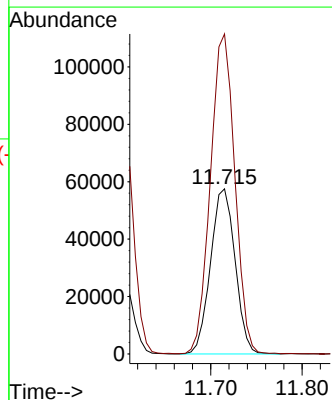
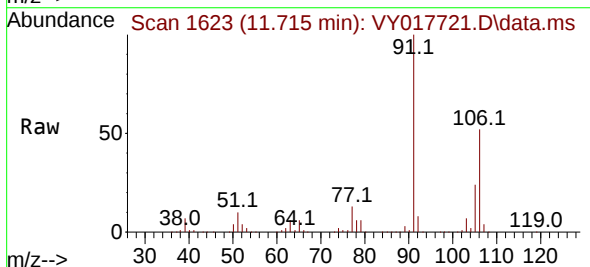
Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 03/21/2024
Supervised By :Semsettin Yesilyurt 03/21/2024



#68
m/p-Xylenes
Concen: 38.338 ug/l
RT: 11.715 min Scan# 1623
Delta R.T. 0.006 min
Lab File: VY017721.D
Acq: 20 Mar 2024 10:17

Tgt Ion:106 Resp: 107375
Ion Ratio Lower Upper
106 100
91 193.0 156.0 234.0





#69

o-Xylene

Concen: 18.805 ug/l

RT: 12.044 min Scan# 1

Delta R.T. 0.012 min

Lab File: VY017721.D

Acq: 20 Mar 2024 10:17

Instrument :

MSVOA_Y

ClientSampleId :

VY0320SBS01

Tgt Ion:106 Resp: 4886

Ion Ratio Lower Upper

106 100

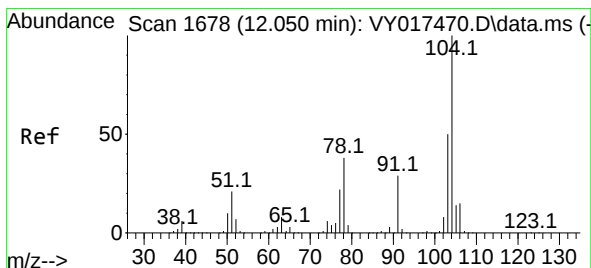
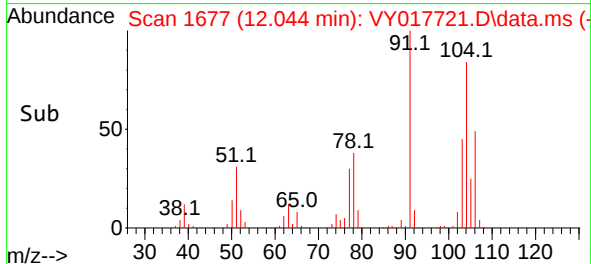
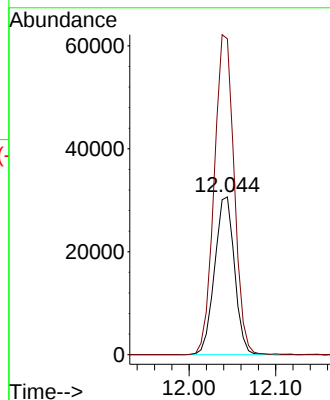
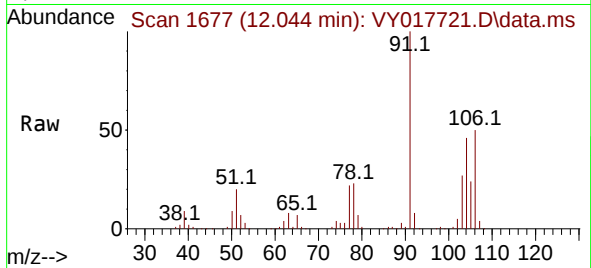
91 203.9 103.6 310.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/21/2024

Supervised By :Semsettin Yesilyurt 03/21/2024



#70

Styrene

Concen: 18.235 ug/l

RT: 12.056 min Scan# 1679

Delta R.T. 0.006 min

Lab File: VY017721.D

Acq: 20 Mar 2024 10:17

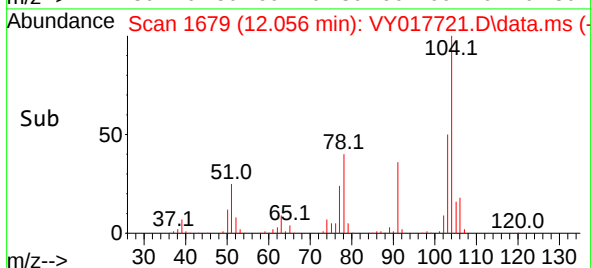
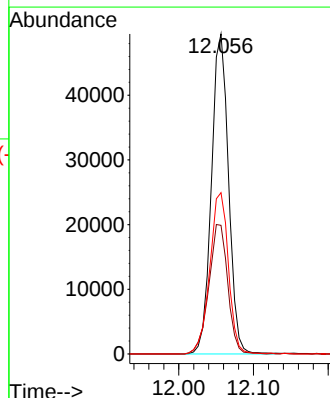
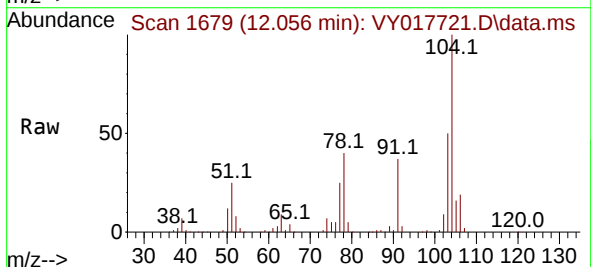
Tgt Ion:104 Resp: 78646

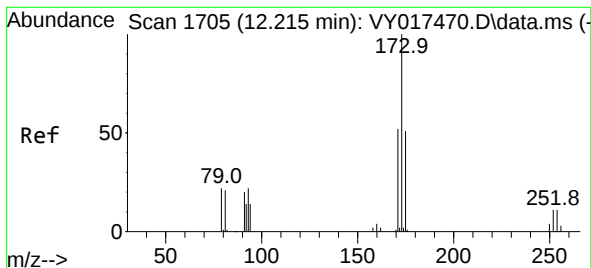
Ion Ratio Lower Upper

104 100

78 44.8 37.0 55.4

103 55.0 44.2 66.2





#71

Bromoform

Concen: 16.174 ug/l

RT: 12.221 min Scan# 1705

Delta R.T. 0.006 min

Lab File: VY017721.D

Acq: 20 Mar 2024 10:17

Instrument :

MSVOA_Y

ClientSampleId :

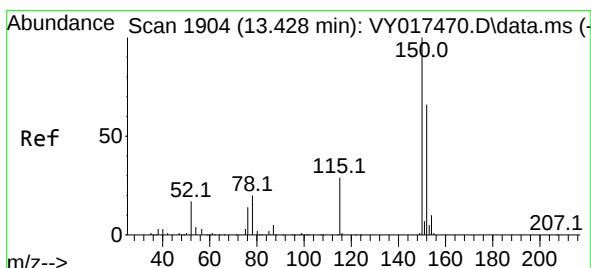
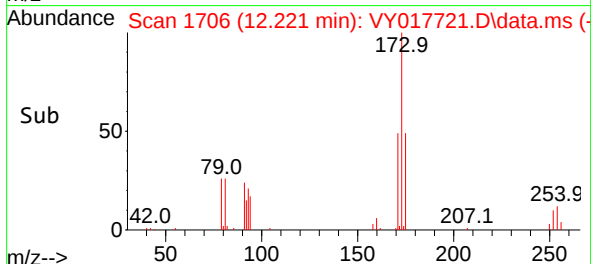
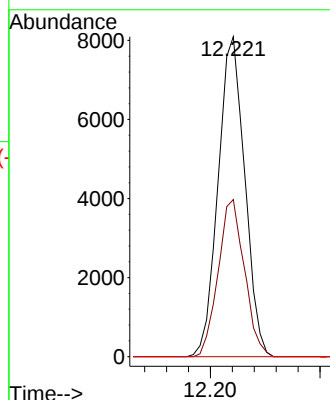
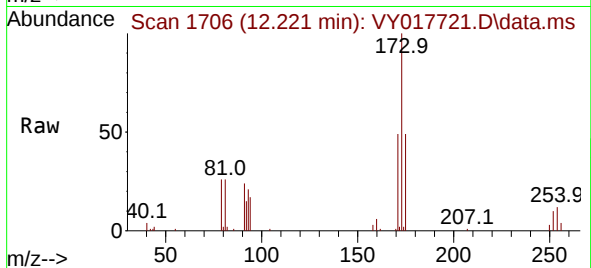
VY0320SBS01

Tgt Ion:	173	Resp:	1364
Ion Ratio	Lower	Upper	
173	100		
175	48.5	25.1	75.3
254	0.0	0.0	0.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/21/2024
Supervised By :Semsettin Yesilyurt 03/21/2024



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

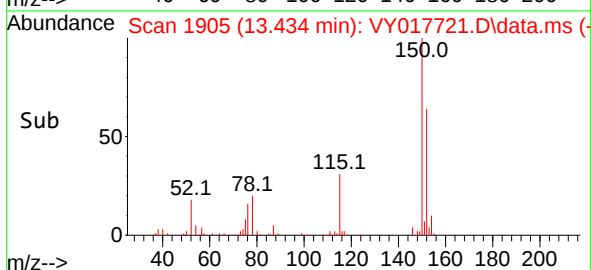
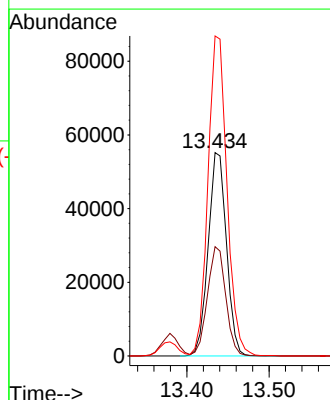
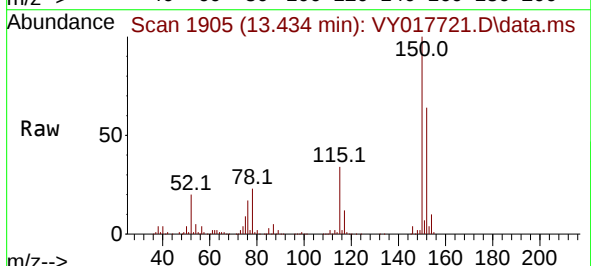
RT: 13.434 min Scan# 1905

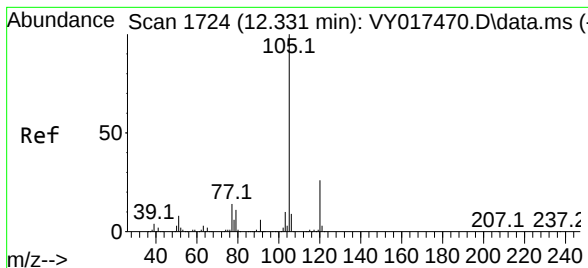
Delta R.T. 0.006 min

Lab File: VY017721.D

Acq: 20 Mar 2024 10:17

Tgt Ion:	152	Resp:	85159
Ion Ratio	Lower	Upper	
152	100		
115	53.8	28.2	84.7
150	163.5	0.0	345.6





#73

Isopropylbenzene

Concen: 20.402 ug/l

RT: 12.343 min Scan# 1

Delta R.T. 0.012 min

Lab File: VY017721.D

Acq: 20 Mar 2024 10:17

Instrument :

MSVOA_Y

ClientSampleId :

VY0320SBS01

Tgt Ion:105 Resp: 12907

Ion Ratio Lower Upper

105 100

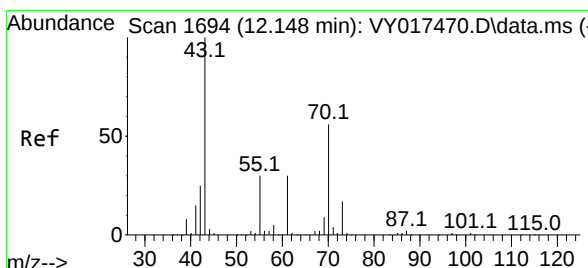
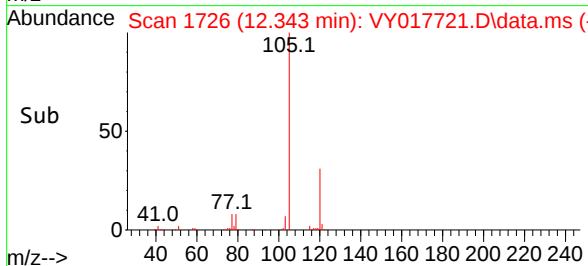
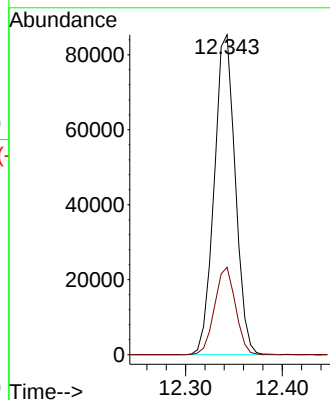
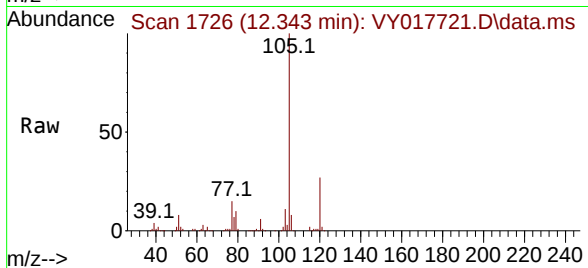
120 27.1 13.4 40.1

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/21/2024

Supervised By :Semsettin Yesilyurt 03/21/2024



#74

N-ethyl acetate

Concen: 16.179 ug/l

RT: 12.154 min Scan# 1695

Delta R.T. 0.006 min

Lab File: VY017721.D

Acq: 20 Mar 2024 10:17

Tgt Ion: 43 Resp: 18054

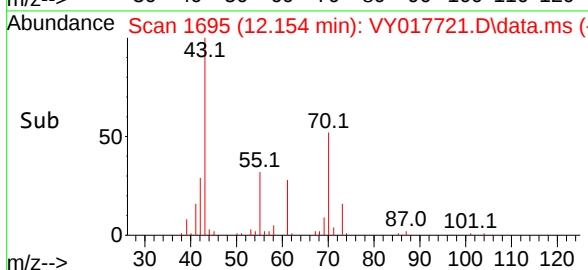
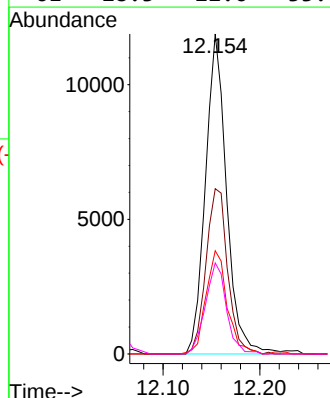
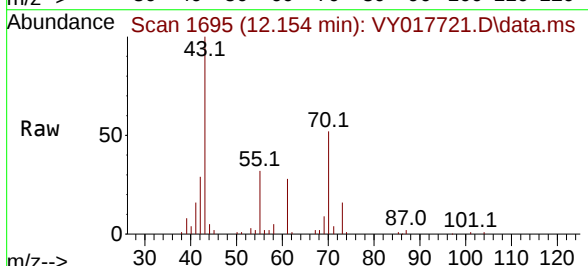
Ion Ratio Lower Upper

43 100

70 53.2 41.4 62.2

55 32.5 23.3 34.9

61 28.3 22.6 33.8





#75

1,1,2,2-Tetrachloroethane

Concen: 18.468 ug/l

RT: 12.593 min Scan# 1766

Delta R.T. 0.006 min

Lab File: VY017721.D

Acq: 20 Mar 2024 10:17

Instrument :

MSVOA_Y

ClientSampleId :

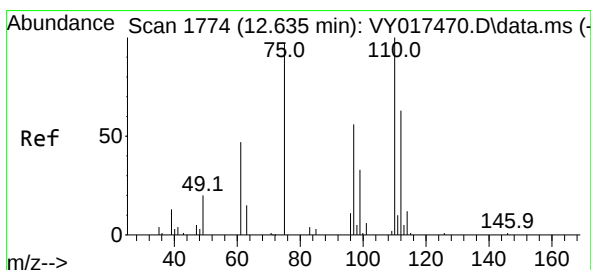
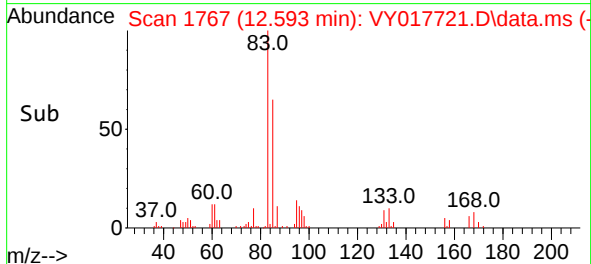
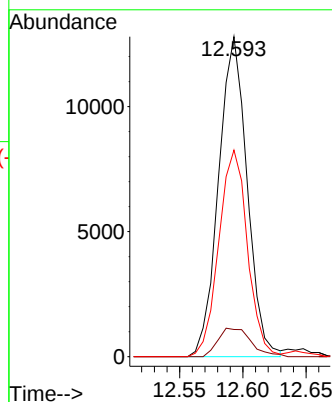
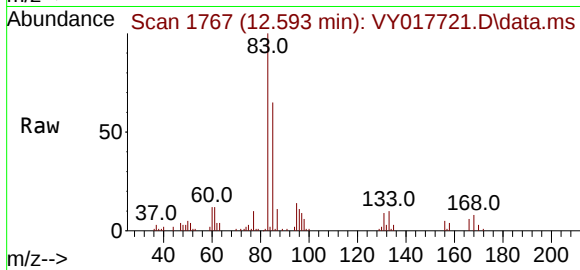
VY0320SBS01

Tgt Ion: 83	Resp: 20064
Ion Ratio	Lower Upper
83 100	
131 10.3	5.0 14.9
85 64.8	32.0 96.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/21/2024
Supervised By :Semsettin Yesilyurt 03/21/2024



#76

1,2,3-Trichloropropane

Concen: 17.274 ug/l m

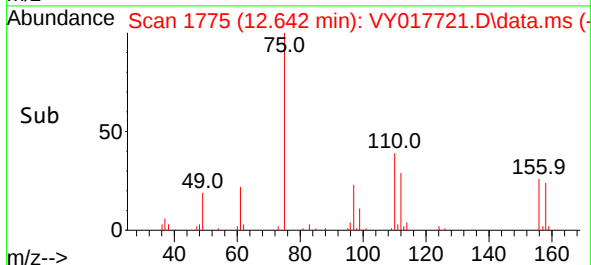
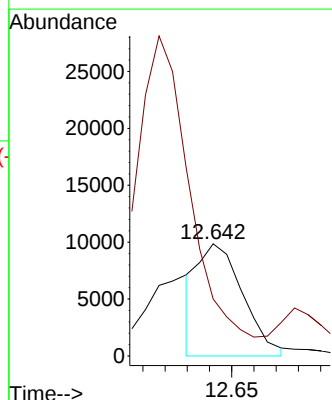
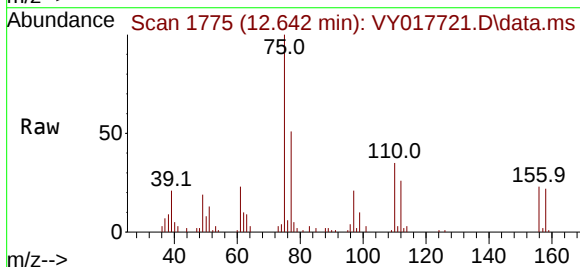
RT: 12.642 min Scan# 1775

Delta R.T. 0.006 min

Lab File: VY017721.D

Acq: 20 Mar 2024 10:17

Tgt Ion: 75	Resp: 13977
Ion Ratio	Lower Upper
75 100	
77 0.0	0.0 0.0





#77

Bromobenzene

Concen: 18.907 ug/l

RT: 12.617 min Scan# 1771

Delta R.T. 0.006 min

Lab File: VY017721.D

Acq: 20 Mar 2024 10:17

Instrument :

MSVOA_Y

ClientSampleId :

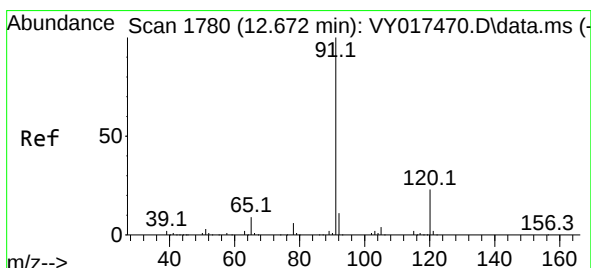
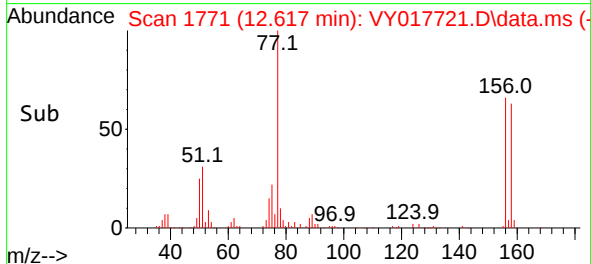
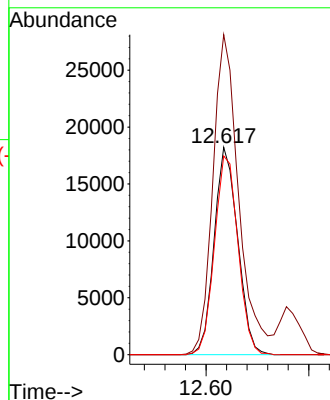
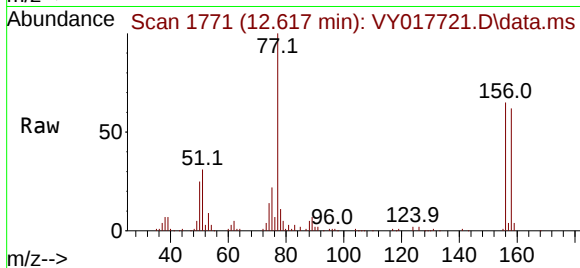
VY0320SBS01

Tgt Ion:	156	Resp:	2896
Ion Ratio	Lower	Upper	
156	100		
77	168.9	87.1	261.3
158	96.0	48.6	145.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/21/2024
Supervised By :Semsettin Yesilyurt 03/21/2024



#78

n-propylbenzene

Concen: 20.961 ug/l

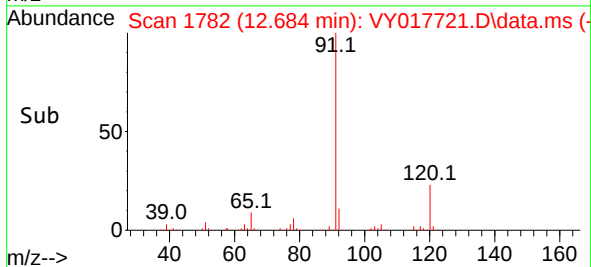
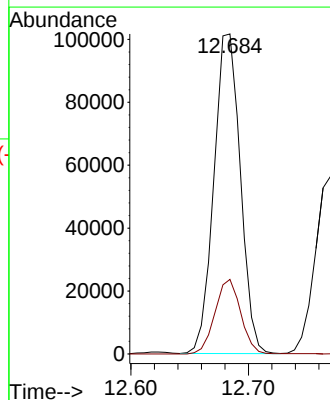
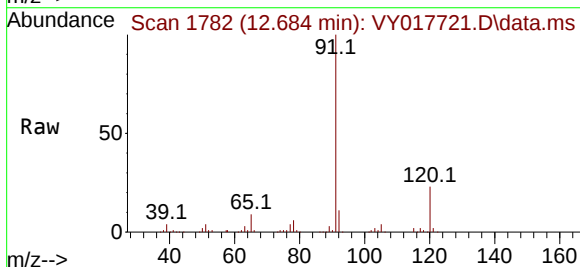
RT: 12.684 min Scan# 1782

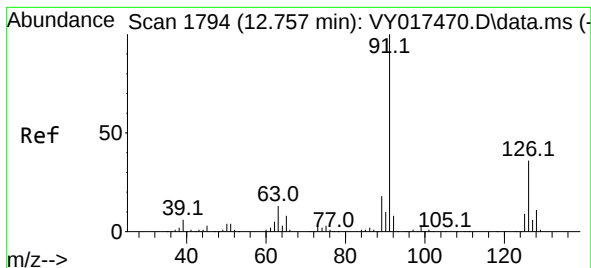
Delta R.T. 0.012 min

Lab File: VY017721.D

Acq: 20 Mar 2024 10:17

Tgt Ion:	91	Resp:	159122
Ion Ratio	Lower	Upper	
91	100		
120	22.7	11.5	34.4





#79

2-Chlorotoluene

Concen: 20.256 ug/l

RT: 12.770 min Scan# 11

Delta R.T. 0.012 min

Lab File: VY017721.D

Acq: 20 Mar 2024 10:17

Instrument :

MSVOA_Y

ClientSampleId :

VY0320SBS01

Tgt Ion: 91 Resp: 86092

Ion Ratio Lower Upper

91 100

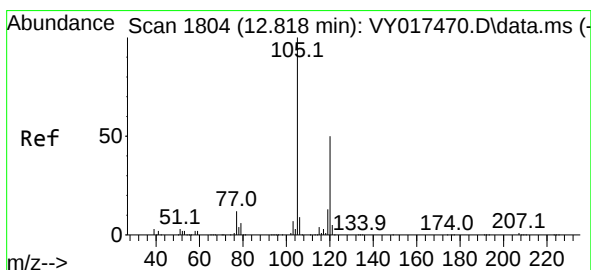
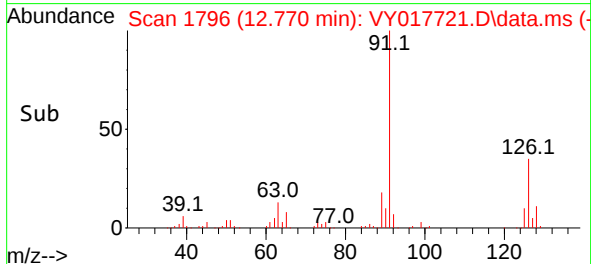
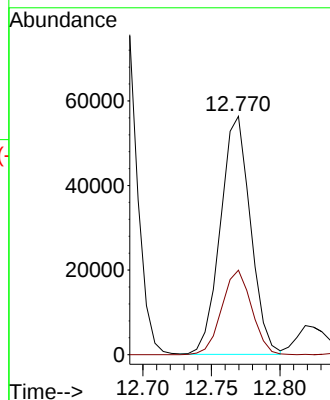
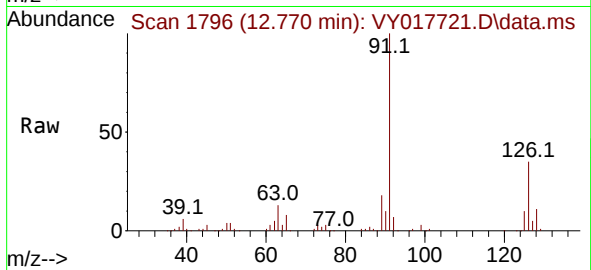
126 35.2 17.8 53.5

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/21/2024

Supervised By :Semsettin Yesilyurt 03/21/2024



#80

1,3,5-Trimethylbenzene

Concen: 20.395 ug/l

RT: 12.825 min Scan# 1805

Delta R.T. 0.006 min

Lab File: VY017721.D

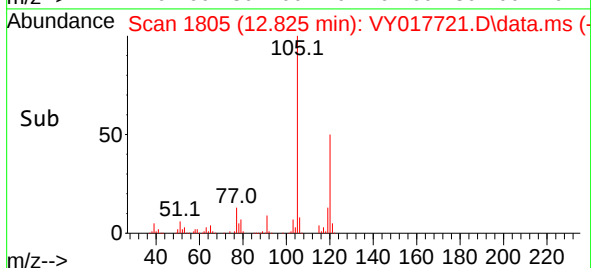
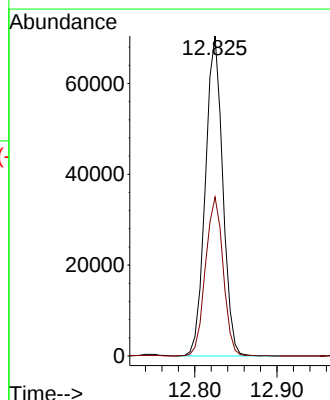
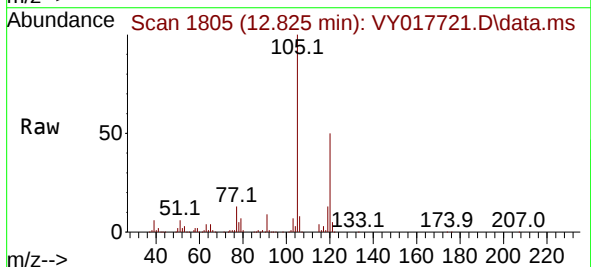
Acq: 20 Mar 2024 10:17

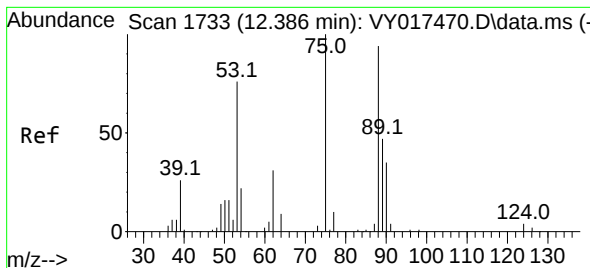
Tgt Ion:105 Resp: 103379

Ion Ratio Lower Upper

105 100

120 50.5 25.1 75.2





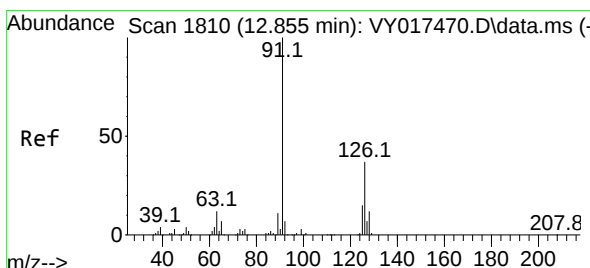
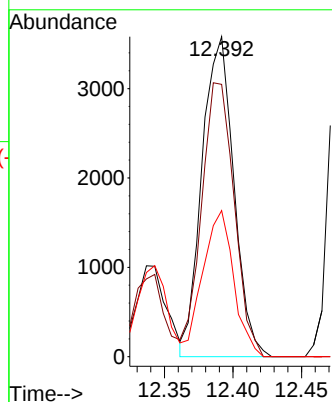
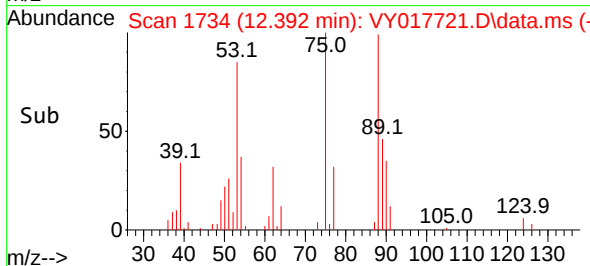
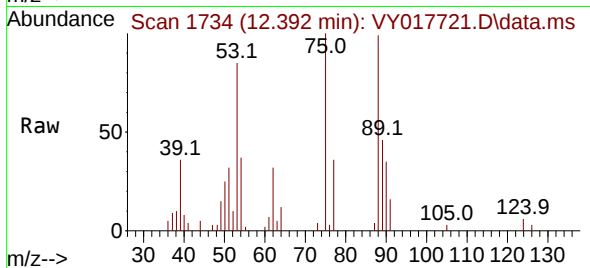
#81
trans-1,4-Dichloro-2-butene
Concen: 16.391 ug/l
RT: 12.392 min Scan# 1733
Delta R.T. 0.006 min
Lab File: VY017721.D
Acq: 20 Mar 2024 10:17

Instrument :
MSVOA_Y
ClientSampleId :
VY0320SBS01

Tgt Ion: 75 Resp: 5772
Ion Ratio Lower Upper
75 100
53 87.8 66.8 100.2
89 44.6 35.8 53.6

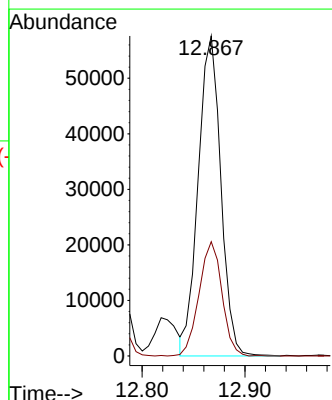
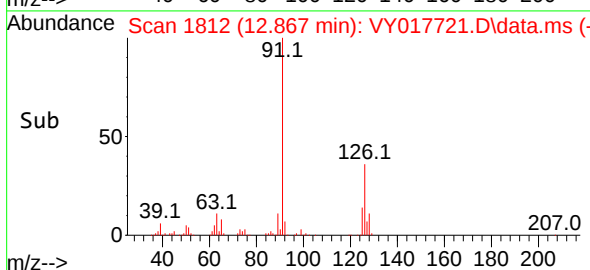
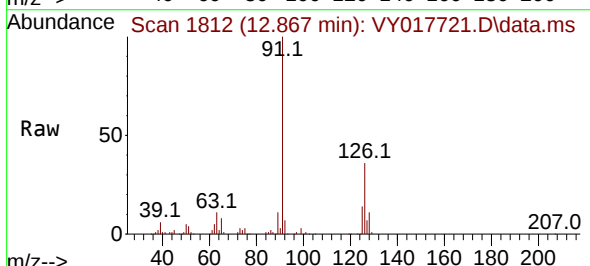
Manual Integrations
APPROVED

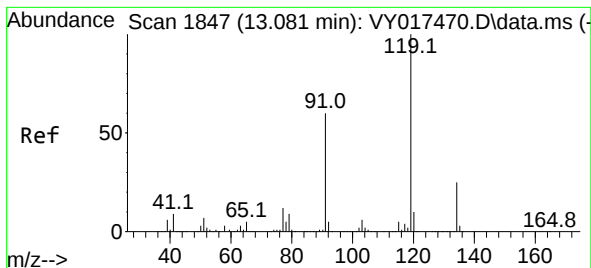
Reviewed By :Mahesh Dadoda 03/21/2024
Supervised By :Semsettin Yesilyurt 03/21/2024



#82
4-Chlorotoluene
Concen: 20.347 ug/l
RT: 12.867 min Scan# 1812
Delta R.T. 0.012 min
Lab File: VY017721.D
Acq: 20 Mar 2024 10:17

Tgt Ion: 91 Resp: 88454
Ion Ratio Lower Upper
91 100
126 36.1 17.6 52.9





#83

tert-Butylbenzene

Concen: 20.607 ug/l

RT: 13.087 min Scan# 1847

Delta R.T. 0.006 min

Lab File: VY017721.D

Acq: 20 Mar 2024 10:17

Instrument :

MSVOA_Y

ClientSampleId :

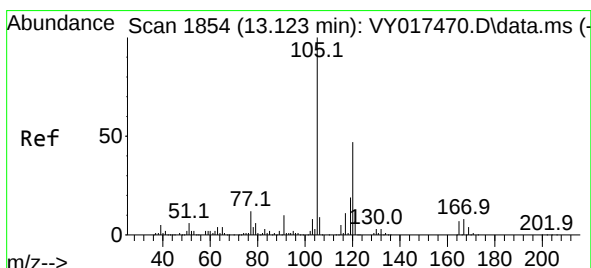
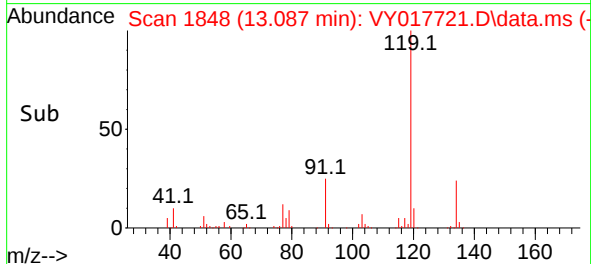
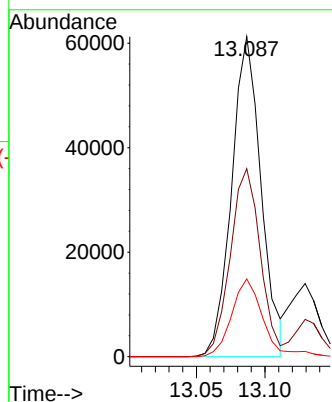
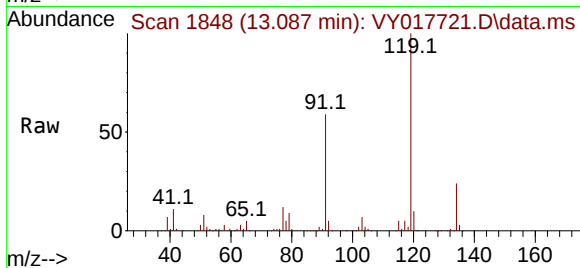
VY0320SBS01

Tgt Ion:	119	Resp:	9172
Ion Ratio	Lower	Upper	
119	100		
91	59.9	31.3	93.8
134	25.9	13.4	40.1

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/21/2024
Supervised By :Semsettin Yesilyurt 03/21/2024



#84

1,2,4-Trimethylbenzene

Concen: 20.006 ug/l

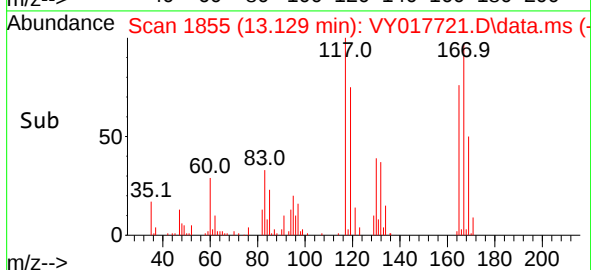
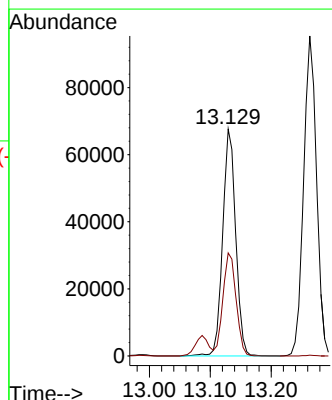
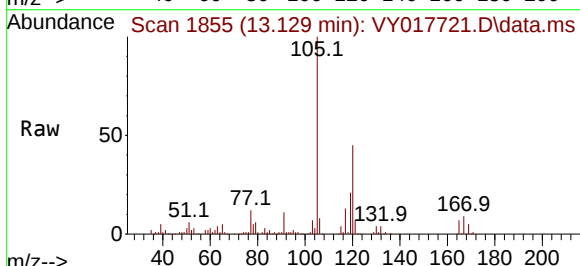
RT: 13.129 min Scan# 1855

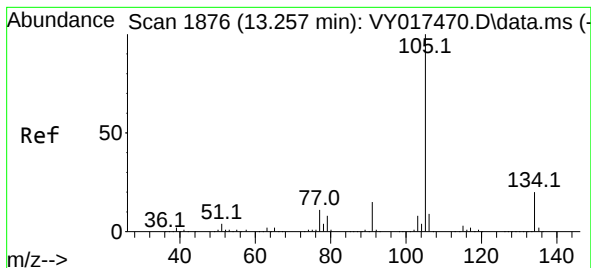
Delta R.T. 0.006 min

Lab File: VY017721.D

Acq: 20 Mar 2024 10:17

Tgt Ion:	105	Resp:	100112
Ion Ratio	Lower	Upper	
105	100		
120	46.0	23.2	69.6





#85

sec-Butylbenzene

Concen: 20.637 ug/l

RT: 13.263 min Scan# 1876

Delta R.T. 0.006 min

Lab File: VY017721.D

Acq: 20 Mar 2024 10:17

Instrument :

MSVOA_Y

ClientSampleId :

VY0320SBS01

Tgt Ion:105 Resp: 14043

Ion Ratio Lower Upper

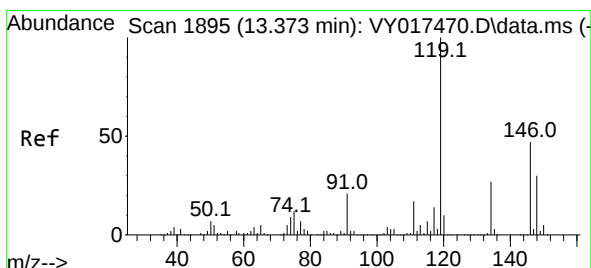
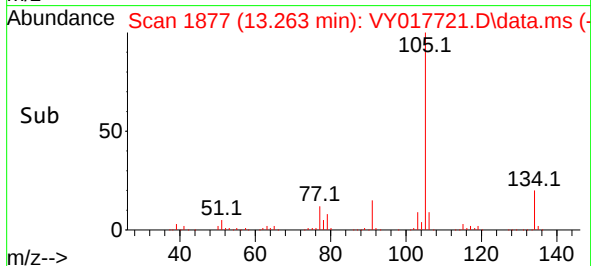
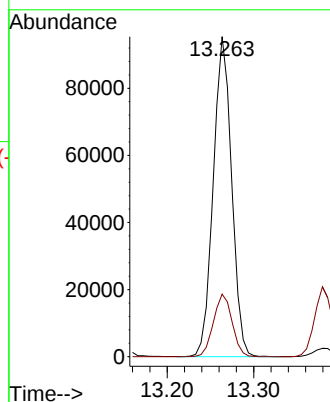
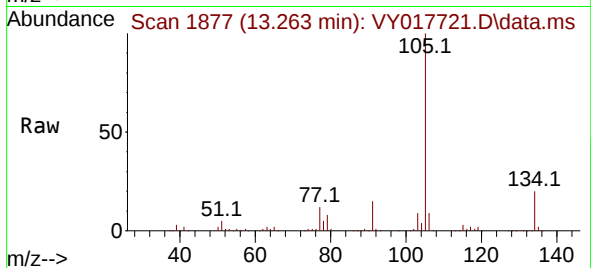
105 100

134 19.8 10.1 30.1

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/21/2024
Supervised By :Semsettin Yesilyurt 03/21/2024



#86

p-Isopropyltoluene

Concen: 20.093 ug/l

RT: 13.379 min Scan# 1896

Delta R.T. 0.006 min

Lab File: VY017721.D

Acq: 20 Mar 2024 10:17

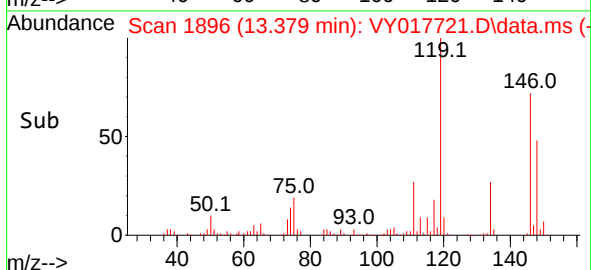
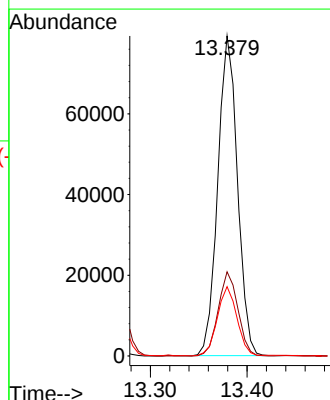
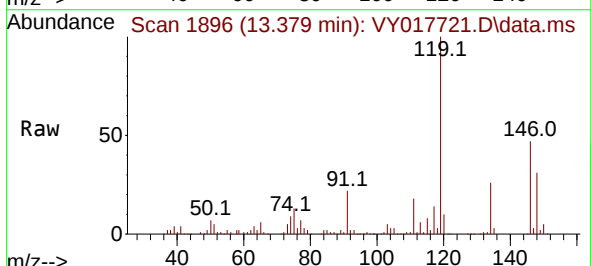
Tgt Ion:119 Resp: 111933

Ion Ratio Lower Upper

119 100

134 26.3 13.1 39.3

91 21.5 10.7 32.1





#87

1,3-Dichlorobenzene

Concen: 18.733 ug/l

RT: 13.379 min Scan# 1895

Delta R.T. 0.006 min

Lab File: VY017721.D

Acq: 20 Mar 2024 10:17

Instrument :

MSVOA_Y

ClientSampleId :

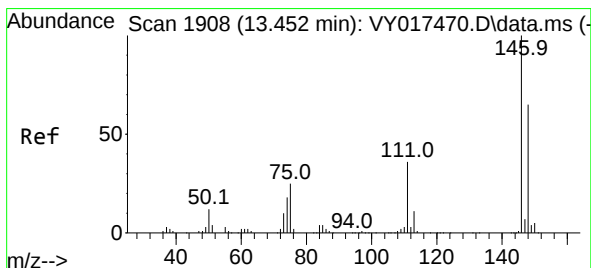
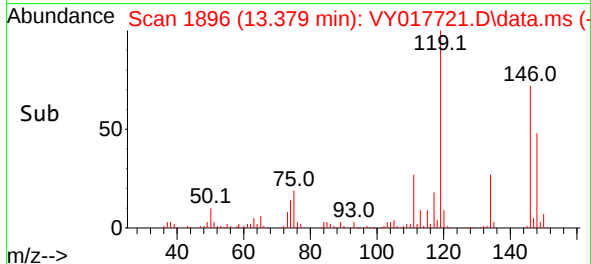
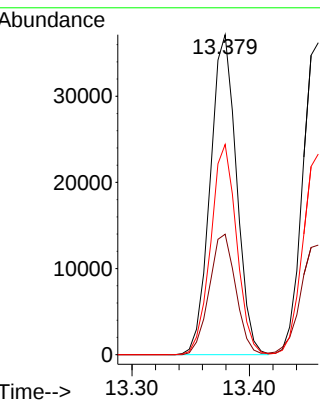
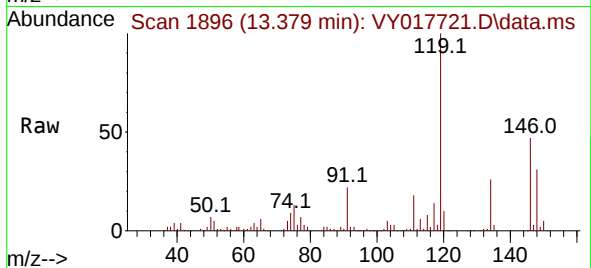
VY0320SBS01

Tgt Ion:146 Resp: 57609
Ion Ratio Lower Upper
146 100
111 38.0 19.0 57.0
148 64.9 31.7 95.1

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/21/2024
Supervised By :Semsettin Yesilyurt 03/21/2024



#88

1,4-Dichlorobenzene

Concen: 19.296 ug/l

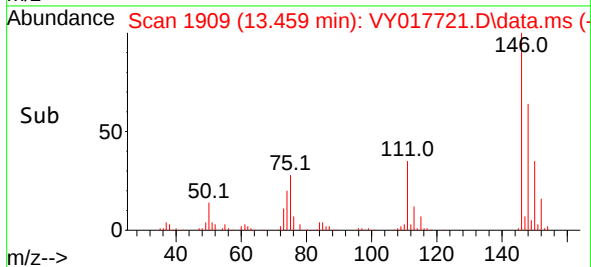
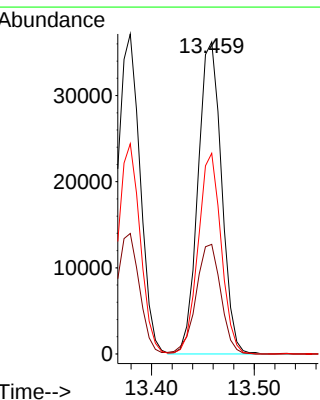
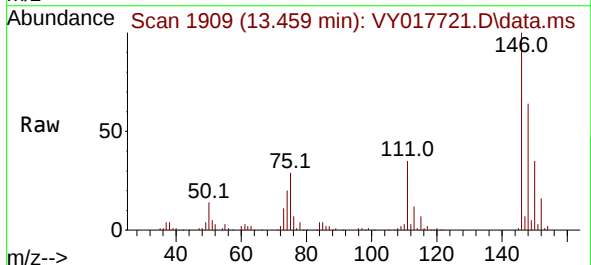
RT: 13.459 min Scan# 1909

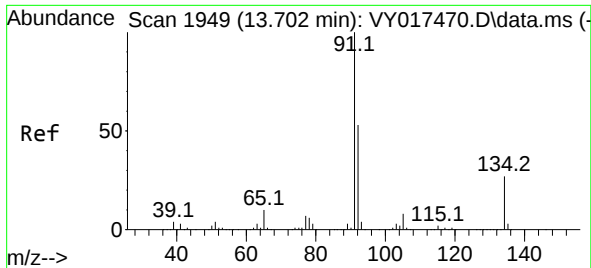
Delta R.T. 0.006 min

Lab File: VY017721.D

Acq: 20 Mar 2024 10:17

Tgt Ion:146 Resp: 57692
Ion Ratio Lower Upper
146 100
111 37.1 18.4 55.4
148 62.9 32.4 97.2





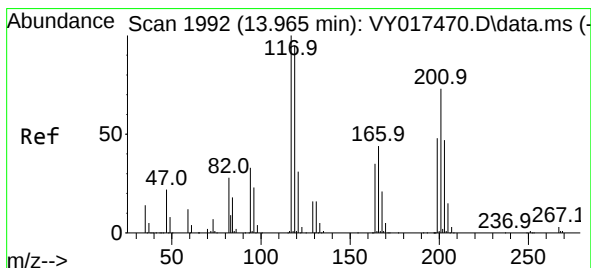
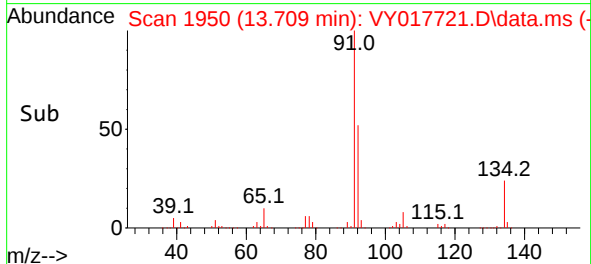
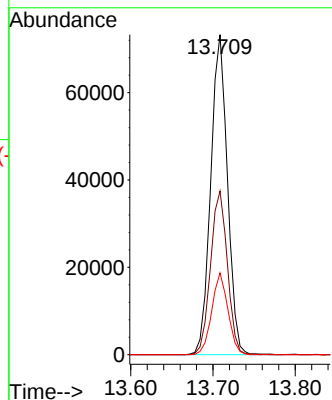
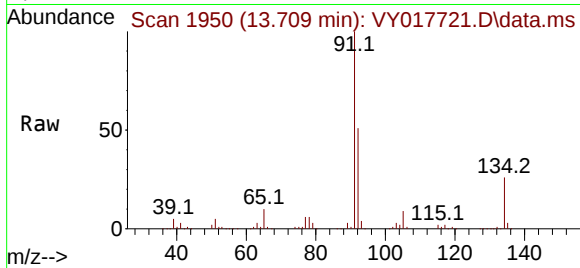
#89
n-Butylbenzene
Concen: 20.343 ug/l
RT: 13.709 min Scan# 1949
Delta R.T. 0.006 min
Lab File: VY017721.D
Acq: 20 Mar 2024 10:17

Instrument :
MSVOA_Y
ClientSampleId :
VY0320SBS01

Tgt Ion: 91 Resp: 10339
Ion Ratio Lower Upper
91 100
92 51.6 26.6 79.7
134 24.7 12.9 38.7

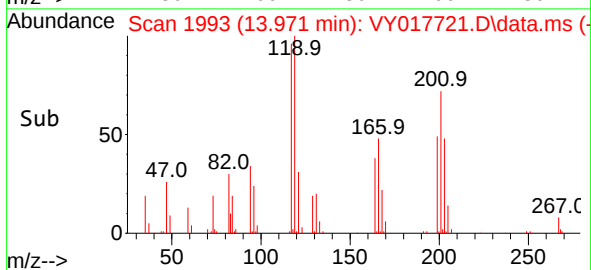
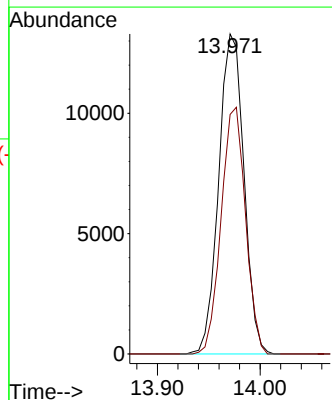
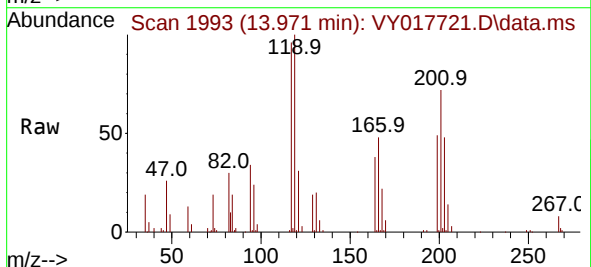
Manual Integrations
APPROVED

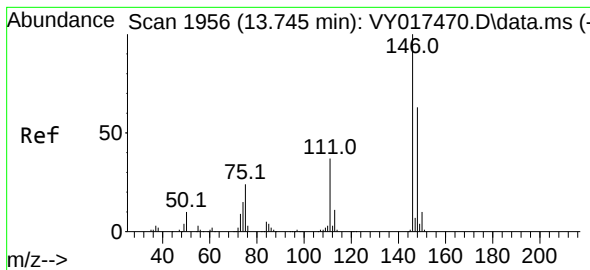
Reviewed By :Mahesh Dadoda 03/21/2024
Supervised By :Semsettin Yesilyurt 03/21/2024



#90
Hexachloroethane
Concen: 20.265 ug/l
RT: 13.971 min Scan# 1993
Delta R.T. 0.006 min
Lab File: VY017721.D
Acq: 20 Mar 2024 10:17

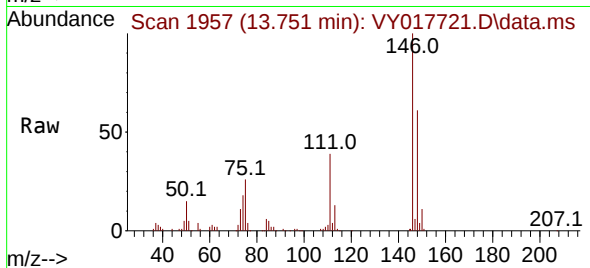
Tgt Ion:117 Resp: 22632
Ion Ratio Lower Upper
117 100
201 74.6 37.4 112.2





#91
1,2-Dichlorobenzene
Concen: 18.629 ug/l
RT: 13.751 min Scan# 1957
Delta R.T. 0.006 min
Lab File: VY017721.D
Acq: 20 Mar 2024 10:17

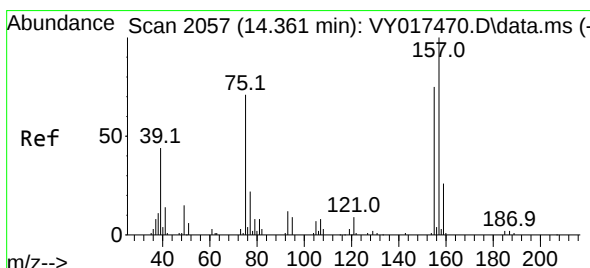
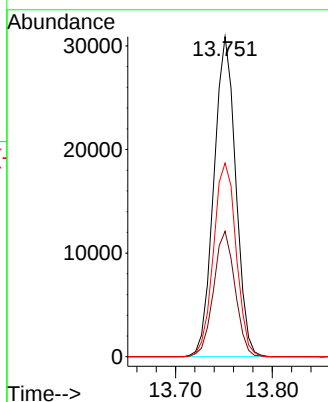
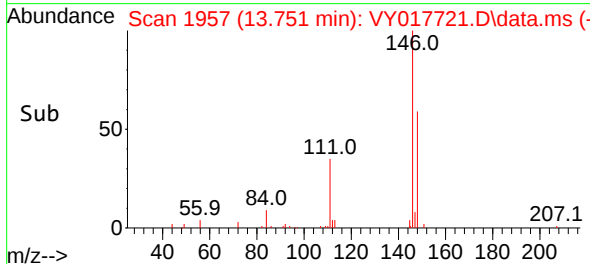
Instrument :
MSVOA_Y
ClientSampleId :
VY0320SBS01



Tgt Ion:146 Resp: 48459
Ion Ratio Lower Upper
146 100
111 38.5 19.9 59.7
148 62.8 31.8 95.4

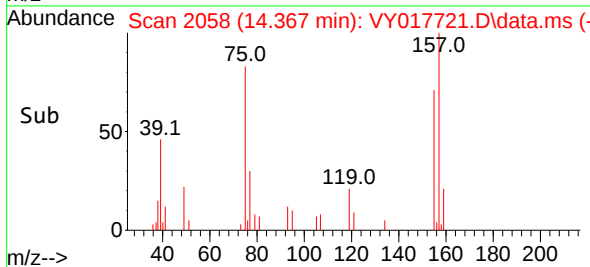
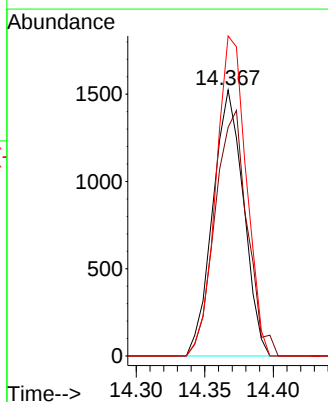
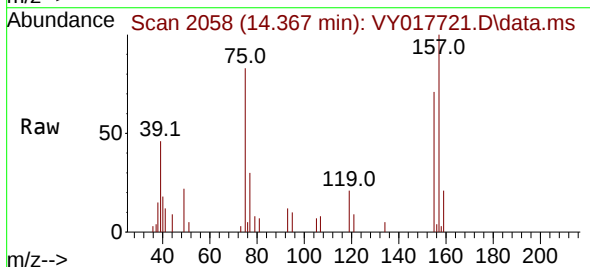
Manual Integrations
APPROVED

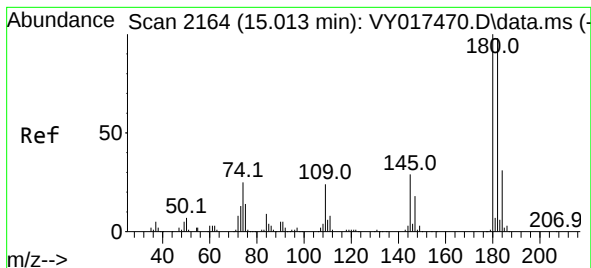
Reviewed By :Mahesh Dadoda 03/21/2024
Supervised By :Semsettin Yesilyurt 03/21/2024



#92
1,2-Dibromo-3-Chloropropane
Concen: 15.583 ug/l
RT: 14.367 min Scan# 2058
Delta R.T. 0.006 min
Lab File: VY017721.D
Acq: 20 Mar 2024 10:17

Tgt Ion: 75 Resp: 2380
Ion Ratio Lower Upper
75 100
155 96.6 48.6 145.8
157 118.5 62.7 188.2





#93

1,2,4-Trichlorobenzene

Concen: 16.525 ug/l

RT: 15.019 min Scan# 2164

Delta R.T. 0.006 min

Lab File: VY017721.D

Acq: 20 Mar 2024 10:17

Instrument :

MSVOA_Y

ClientSampleId :

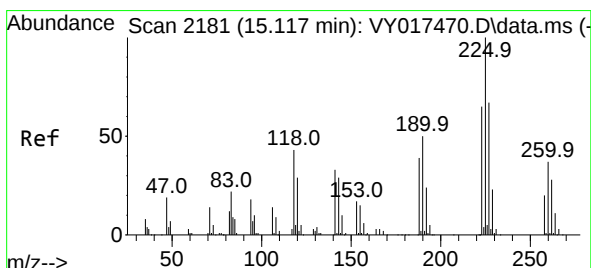
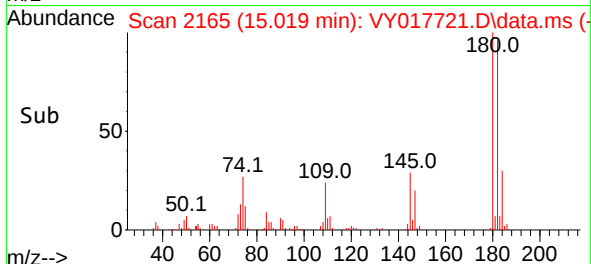
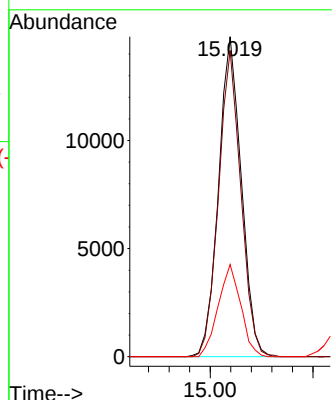
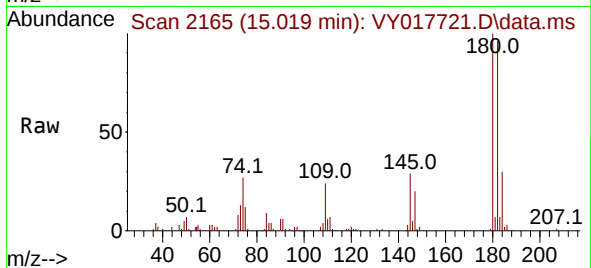
VY0320SBS01

Tgt Ion:180	Resp:	22700
Ion Ratio	Lower	Upper
180	100	
182	93.6	47.9 143.8
145	28.5	14.2 42.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/21/2024
Supervised By :Semsettin Yesilyurt 03/21/2024



#94

Hexachlorobutadiene

Concen: 18.995 ug/l

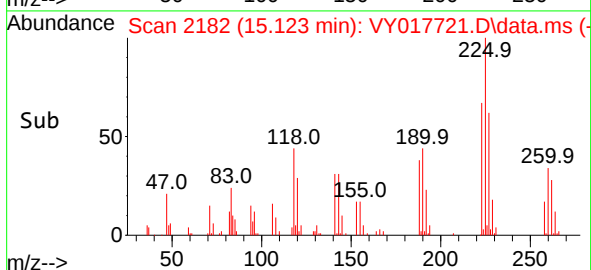
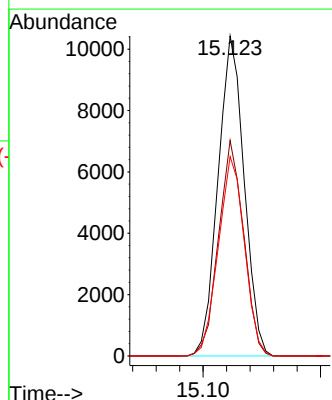
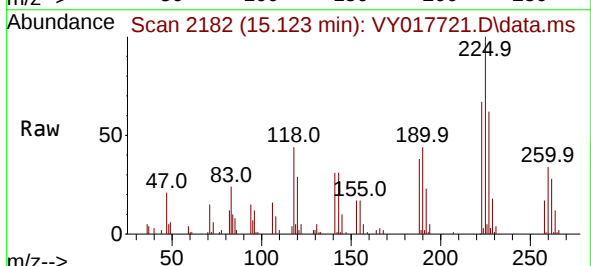
RT: 15.123 min Scan# 2182

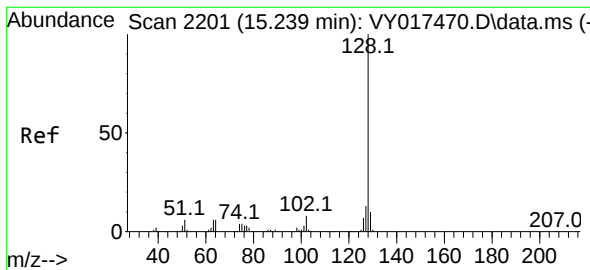
Delta R.T. 0.006 min

Lab File: VY017721.D

Acq: 20 Mar 2024 10:17

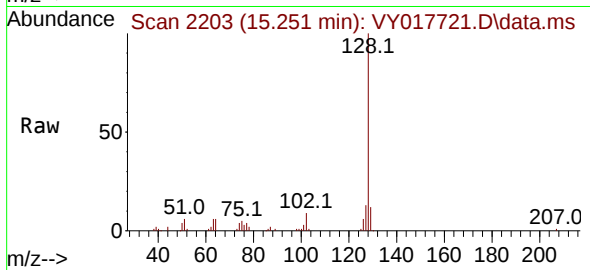
Tgt Ion:225	Resp:	16114
Ion Ratio	Lower	Upper
225	100	
223	64.8	30.4 91.2
227	62.2	31.9 95.9





#95
Naphthalene
Concen: 15.092 ug/l
RT: 15.251 min Scan# 2203
Delta R.T. 0.012 min
Lab File: VY017721.D
Acq: 20 Mar 2024 10:17

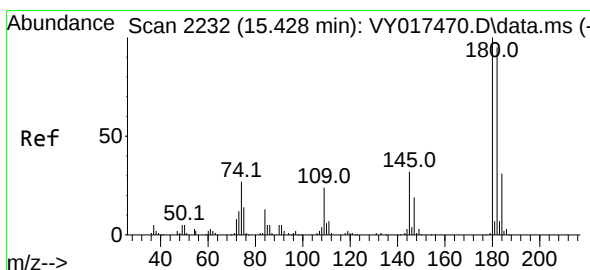
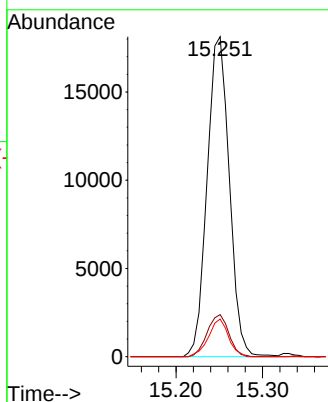
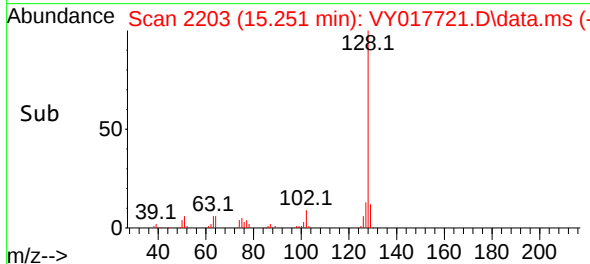
Instrument :
MSVOA_Y
ClientSampleId :
VY0320SBS01



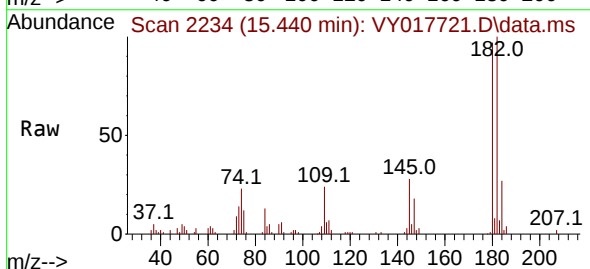
Tgt Ion:128 Resp: 3228
Ion Ratio Lower Upper
128 100
127 12.8 10.6 16.0
129 10.6 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 03/21/2024
Supervised By :Semsettin Yesilyurt 03/21/2024



#96
1,2,3-Trichlorobenzene
Concen: 15.469 ug/l
RT: 15.440 min Scan# 2234
Delta R.T. 0.012 min
Lab File: VY017721.D
Acq: 20 Mar 2024 10:17



Tgt Ion:180 Resp: 18234
Ion Ratio Lower Upper
180 100
182 94.8 47.6 142.9
145 30.5 15.4 46.1

