

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021424\
 Data File : VY017377.D
 Acq On : 14 Feb 2024 12:11
 Operator : SY/MD
 Sample : VSTDICC100
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC100

Quant Time: Feb 15 02:19:11 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y021424S.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 15 01:05:41 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 02/15/2024
 Supervised By :Semsettin Yesilyurt 02/15/2024

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	123030	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	201583	50.000	ug/l	-0.01
63) Chlorobenzene-d5	11.502	117	173089	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	77211	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	124227	95.157	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 190.320%#			
35) Dibromofluoromethane	7.728	113	126215	98.205	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 196.420%#			
50) Toluene-d8	10.191	98	501750	100.754	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 201.500%#			
62) 4-Bromofluorobenzene	12.496	95	153206	100.353	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 200.700%#			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	108618	103.653	ug/l	97
3) Chloromethane	2.113	50	205287	103.543	ug/l	99
4) Vinyl Chloride	2.253	62	231564	97.878	ug/l	100
5) Bromomethane	2.650	94	161588	96.220	ug/l	95
6) Chloroethane	2.796	64	143425	95.139	ug/l	97
7) Trichlorofluoromethane	3.125	101	231246	97.283	ug/l	99
8) Diethyl Ether	3.534	74	69174	100.788	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.906	101	134105	93.774	ug/l	99
10) Methyl Iodide	4.101	142	150167	106.830	ug/l	99
11) Tert butyl alcohol	4.972	59	36478	511.471	ug/l	99
12) 1,1-Dichloroethene	3.875	96	128707	97.579	ug/l	97
13) Acrolein	3.735	56	64808	459.376	ug/l	99
14) Allyl chloride	4.485	41	193199	99.058	ug/l	98
15) Acrylonitrile	5.174	53	143591	486.326	ug/l	100
16) Acetone	3.960	43	139405	500.866	ug/l	100
17) Carbon Disulfide	4.198	76	404853	96.218	ug/l	100
18) Methyl Acetate	4.485	43	124706	98.703	ug/l	100
19) Methyl tert-butyl Ether	5.229	73	303841	103.627	ug/l	99
20) Methylene Chloride	4.723	84	138423	103.545	ug/l	99
21) trans-1,2-Dichloroethene	5.229	96	147165	97.662	ug/l	98
22) Diisopropyl ether	6.131	45	416817	99.726	ug/l	96
23) Vinyl Acetate	6.070	43	1005253	509.204	ug/l	99
24) 1,1-Dichloroethane	6.027	63	251462	96.428	ug/l	99
25) 2-Butanone	6.996	43	195428	457.704	ug/l	98
26) 2,2-Dichloropropane	6.990	77	216479	96.922	ug/l	100
27) cis-1,2-Dichloroethene	6.996	96	162225	99.992	ug/l	99
28) Bromochloromethane	7.344	49	102130	107.435	ug/l	99
29) Tetrahydrofuran	7.356	42	116169	490.614	ug/l	99
30) Chloroform	7.515	83	251120	96.572	ug/l	99
31) Cyclohexane	7.795	56	233296	93.870	ug/l	97
32) 1,1,1-Trichloroethane	7.710	97	225186	97.602	ug/l	100
36) 1,1-Dichloropropene	7.929	75	207135	98.432	ug/l	100
37) Ethyl Acetate	7.082	43	82508	96.443	ug/l	100
38) Carbon Tetrachloride	7.911	117	201794	99.936	ug/l	99
39) Methylcyclohexane	9.191	83	261329	103.719	ug/l	98
40) Benzene	8.173	78	594496	100.835	ug/l	99

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Manual Integrations
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.314	41	45185	103.626	ug/l	94
42) 1,2-Dichloroethane	8.246	62	149235	99.457	ug/l	100
43) Isopropyl Acetate	8.283	43	158677	103.543	ug/l	99
44) Trichloroethene	8.947	130	151544	99.471	ug/l	98
45) 1,2-Dichloropropane	9.228	63	143495	101.130	ug/l	95
46) Dibromomethane	9.313	93	75536	102.591	ug/l	98
47) Bromodichloromethane	9.508	83	190591	100.644	ug/l	96
48) Methyl methacrylate	9.301	41	92860	114.928	ug/l	98
49) 1,4-Dioxane	9.313	88	15402	2030.124	ug/l	92
51) 4-Methyl-2-Pentanone	10.081	43	429001	515.221	ug/l	99
52) Toluene	10.252	92	364532	101.744	ug/l	100
53) t-1,3-Dichloropropene	10.478	75	183766	104.745	ug/l	99
54) cis-1,3-Dichloropropene	9.941	75	223755	104.185	ug/l	99
55) 1,1,2-Trichloroethane	10.654	97	101422	100.441	ug/l	97
56) Ethyl methacrylate	10.520	69	101092	98.222	ug/l	98
57) 1,3-Dichloropropane	10.801	76	177001	101.775	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.795	63	385163	583.491	ug/l	100
59) 2-Hexanone	10.843	43	304481	508.860	ug/l	98
60) Dibromochloromethane	10.996	129	121350	103.478	ug/l	99
61) 1,2-Dibromoethane	11.099	107	94117	101.635	ug/l	100
64) Tetrachloroethene	10.734	164	128714	100.579	ug/l	97
65) Chlorobenzene	11.526	112	367630	100.181	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.599	131	136500	103.411	ug/l	99
67) Ethyl Benzene	11.605	91	711235	105.223	ug/l	100
68) m/p-Xylenes	11.715	106	531229	208.445	ug/l	100
69) o-Xylene	12.038	106	241161	104.603	ug/l	99
70) Styrene	12.057	104	357403	101.045	ug/l	100
71) Bromoform	12.221	173	68002	106.261	ug/l #	100
73) Isopropylbenzene	12.343	105	652088	101.343	ug/l	99
74) N-amyl acetate	12.154	43	134758	105.926	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.593	83	112593	97.640	ug/l	99
76) 1,2,3-Trichloropropane	12.642	75	79210m	99.435	ug/l	
77) Bromobenzene	12.624	156	137108	101.184	ug/l	98
78) n-propylbenzene	12.684	91	790998	99.854	ug/l	99
79) 2-Chlorotoluene	12.770	91	419112	96.956	ug/l	99
80) 1,3,5-Trimethylbenzene	12.825	105	517205	102.279	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.392	75	35737	102.548	ug/l	97
82) 4-Chlorotoluene	12.867	91	437226	98.253	ug/l	100
83) tert-Butylbenzene	13.087	119	448446	101.545	ug/l	99
84) 1,2,4-Trimethylbenzene	13.130	105	516072	103.382	ug/l	97
85) sec-Butylbenzene	13.264	105	659462	97.864	ug/l	99
86) p-Isopropyltoluene	13.379	119	565953	103.790	ug/l	99
87) 1,3-Dichlorobenzene	13.379	146	273078	99.574	ug/l	100
88) 1,4-Dichlorobenzene	13.459	146	257591	96.558	ug/l	99
89) n-Butylbenzene	13.709	91	537869	101.548	ug/l	99
90) Hexachloroethane	13.971	117	111286	98.460	ug/l	99
91) 1,2-Dichlorobenzene	13.751	146	223915	99.073	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.367	75	14601	101.958	ug/l	97
93) 1,2,4-Trichlorobenzene	15.019	180	122826	108.925	ug/l	98
94) Hexachlorobutadiene	15.123	225	66266	95.213	ug/l	100
95) Naphthalene	15.245	128	234927	119.721	ug/l	100
96) 1,2,3-Trichlorobenzene	15.434	180	102235	108.067	ug/l	99

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ClientSampleId :
VSTDICC100

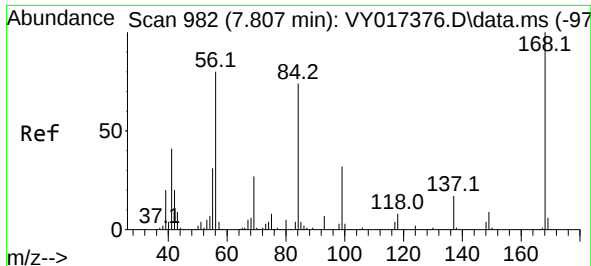
Manual Integrations
APPROVED

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Supervised By :Semsettin Yesilyurt 02/15/2024

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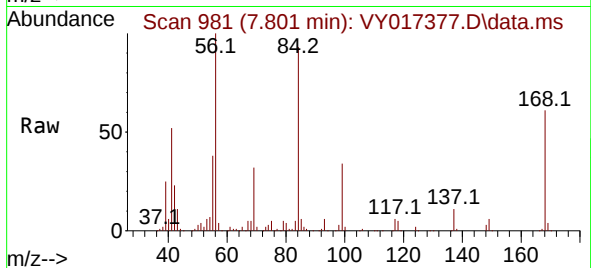
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 91
Delta R.T. -0.006 min
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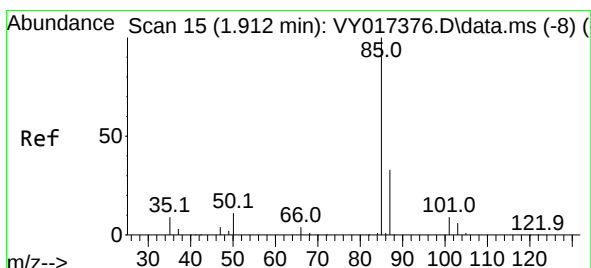
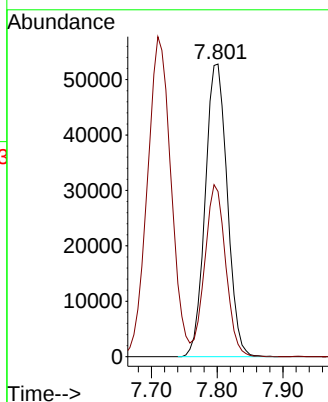
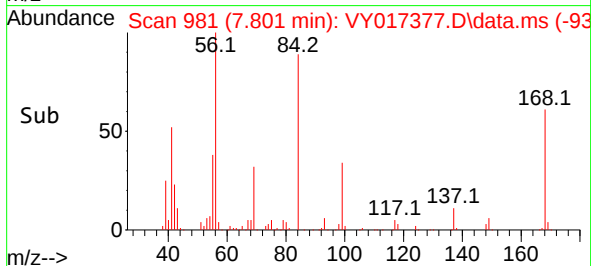
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100



Tgt Ion:168 Resp: 123030
Ion Ratio Lower Upper
168 100
99 56.4 44.2 66.4

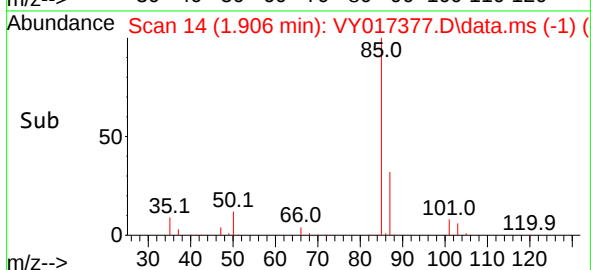
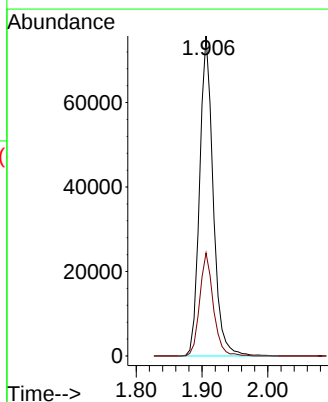
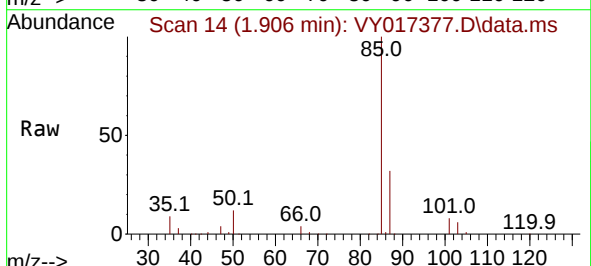
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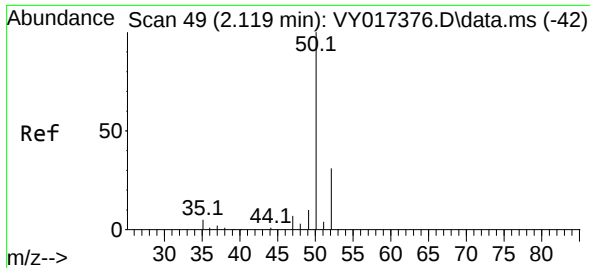
Reviewed By :Mahesh Dadoda 02/15/2024
Supervised By :Semsettin Yesilyurt 02/15/2024



#2
Dichlorodifluoromethane
Concen: 103.653 ug/l
RT: 1.906 min Scan# 14
Delta R.T. -0.006 min
Lab File: VY017377.D
Acq: 14 Feb 2024 12:11

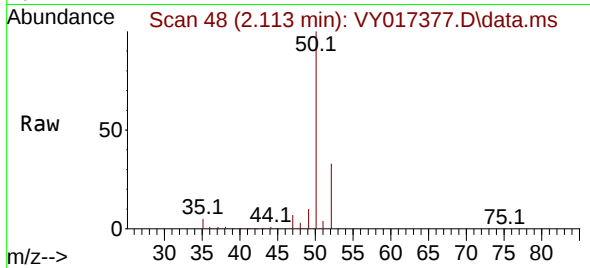
Tgt Ion: 85 Resp: 108618
Ion Ratio Lower Upper
85 100
87 32.2 17.1 51.3





#3
Chloromethane
Concen: 103.543 ug/l
RT: 2.113 min Scan# 49
Delta R.T. -0.006 min
Lab File: VY017377.D
Acq: 14 Feb 2024 12:11

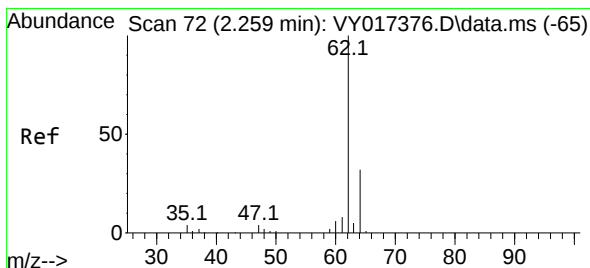
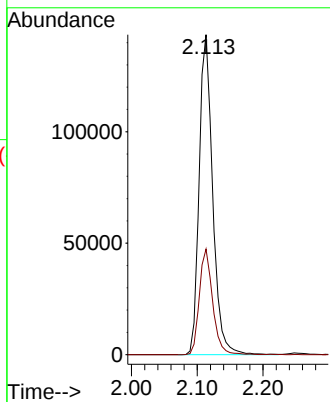
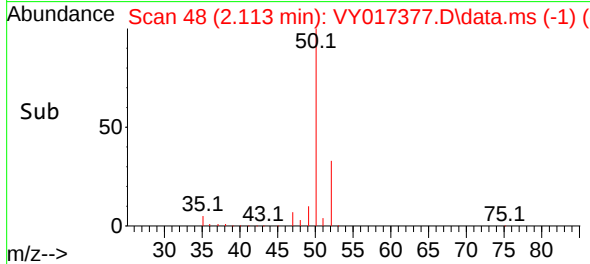
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100



Tgt Ion: 50 Resp: 20528
Ion Ratio Lower Upper
50 100
52 33.0 26.7 40.1

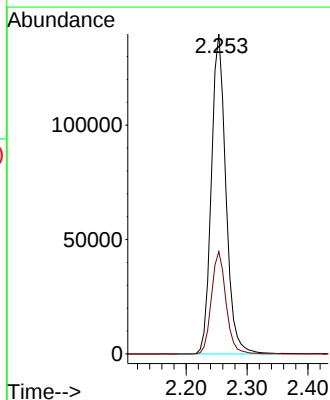
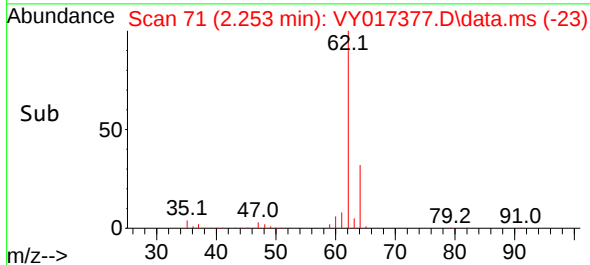
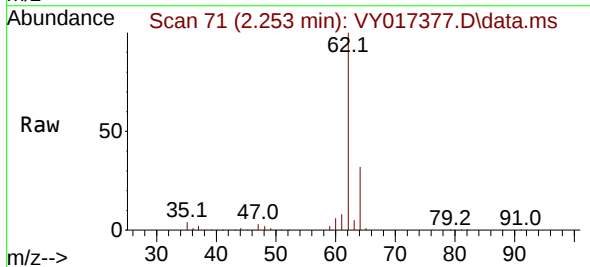
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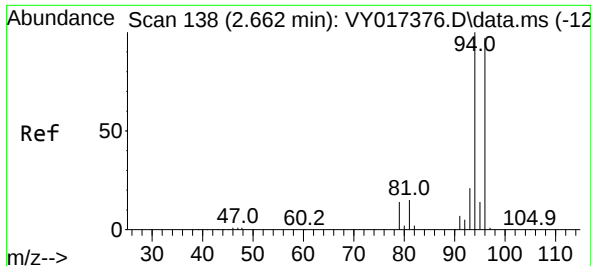
Reviewed By :Mahesh Dadoda 02/15/2024
Supervised By :Semsettin Yesilyurt 02/15/2024



#4
Vinyl Chloride
Concen: 97.878 ug/l
RT: 2.253 min Scan# 71
Delta R.T. -0.006 min
Lab File: VY017377.D
Acq: 14 Feb 2024 12:11

Tgt Ion: 62 Resp: 231564
Ion Ratio Lower Upper
62 100
64 32.0 25.7 38.5





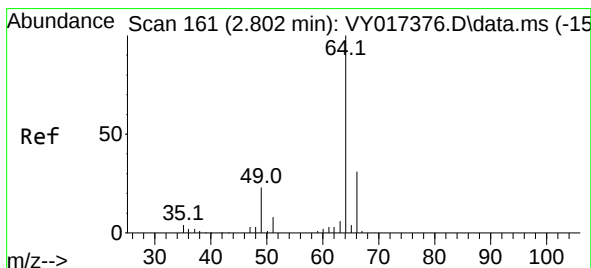
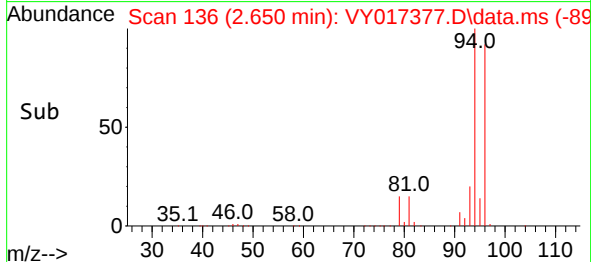
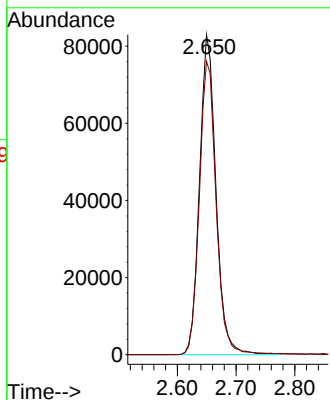
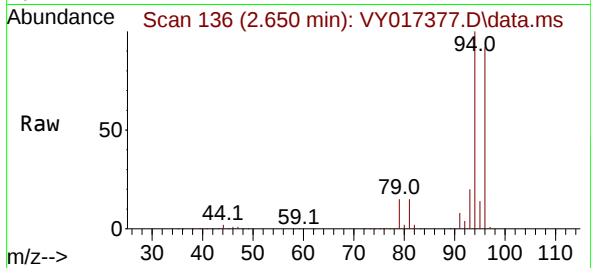
#5
Bromomethane
Concen: 96.220 ug/l
RT: 2.650 min Scan# 11
Delta R.T. -0.012 min
Lab File: VY017377.D
Acq: 14 Feb 2024 12:11

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Tgt Ion: 94 Resp: 16158
Ion Ratio Lower Upper
94 100
96 91.6 77.3 115.9

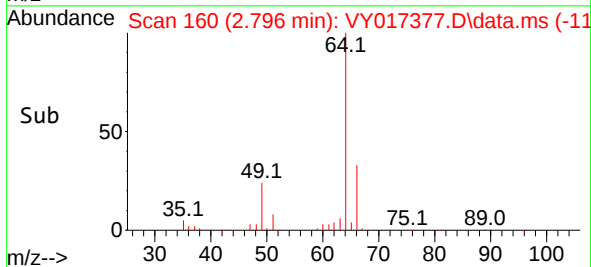
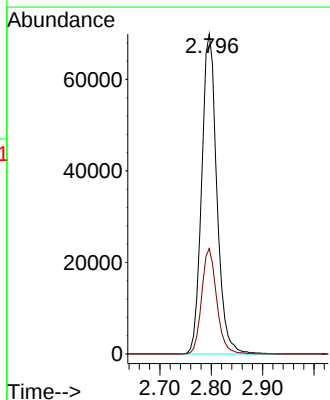
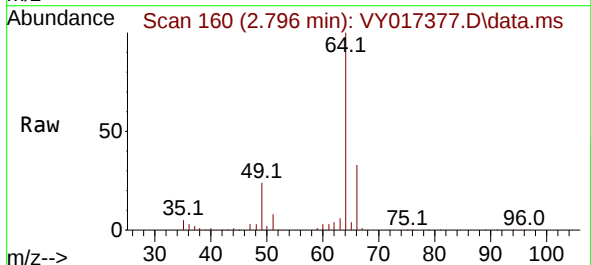
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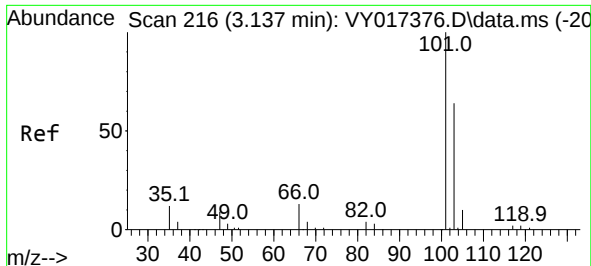
Reviewed By :Mahesh Dadoda 02/15/2024
Supervised By :Semsettin Yesilyurt 02/15/2024



#6
Chloroethane
Concen: 95.139 ug/l
RT: 2.796 min Scan# 160
Delta R.T. -0.006 min
Lab File: VY017377.D
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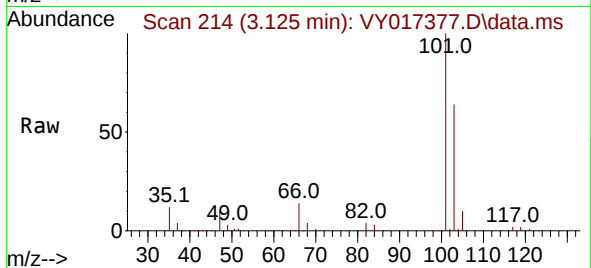
Tgt Ion: 64 Resp: 143425
Ion Ratio Lower Upper
64 100
66 33.0 25.1 37.7





#7
 Trichlorofluoromethane
 Concen: 97.283 ug/l
 RT: 3.125 min Scan# 216
 Delta R.T. -0.012 min
 Lab File: VY017377.D
 Acq: 14 Feb 2024 12:11

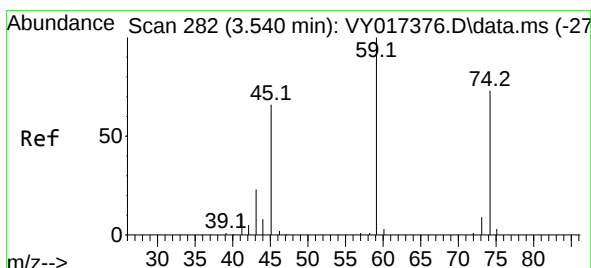
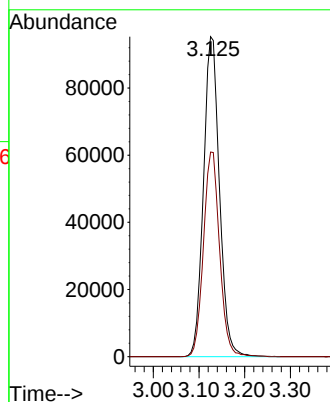
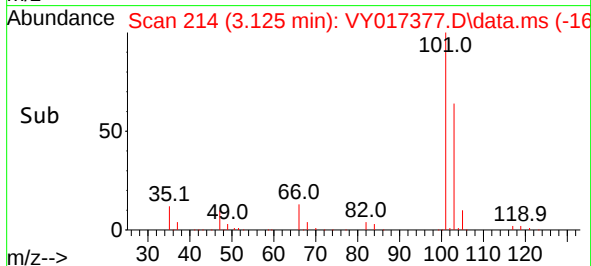
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC100



Tgt Ion:101 Resp: 231240
 Ion Ratio Lower Upper
 101 100
 103 64.0 51.9 77.9

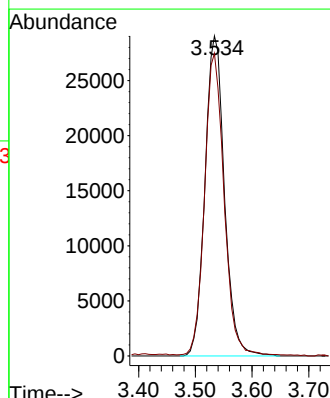
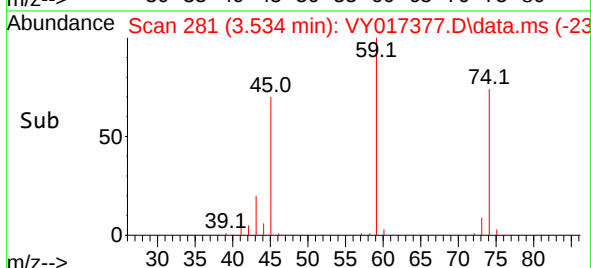
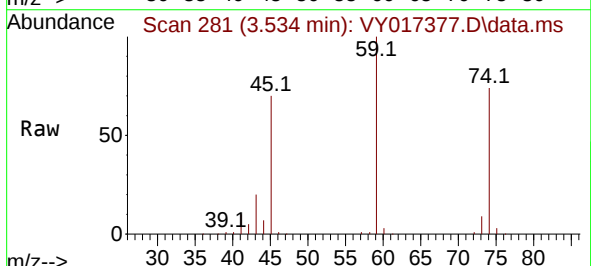
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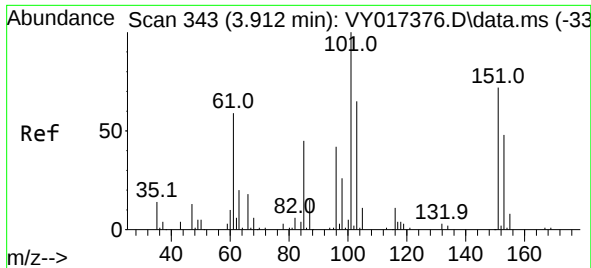
Reviewed By :Mahesh Dadoda 02/15/2024
 Supervised By :Semsettin Yesilyurt 02/15/2024



#8
 Diethyl Ether
 Concen: 100.788 ug/l
 RT: 3.534 min Scan# 281
 Delta R.T. -0.006 min
 Lab File: VY017377.D
 Acq: 14 Feb 2024 12:11

Tgt Ion: 74 Resp: 69174
 Ion Ratio Lower Upper
 74 100
 45 95.4 47.9 143.7





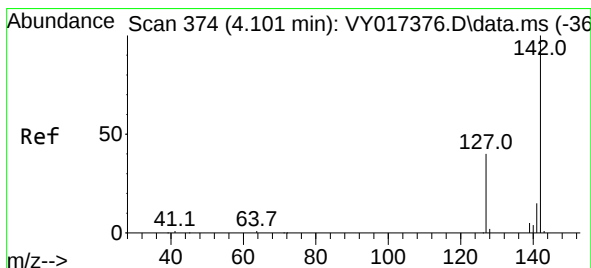
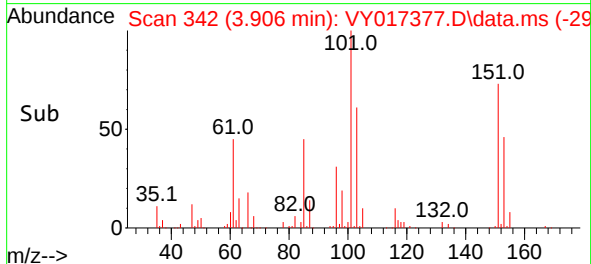
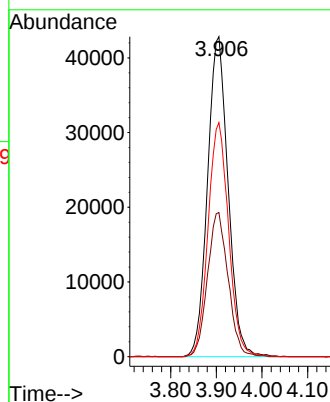
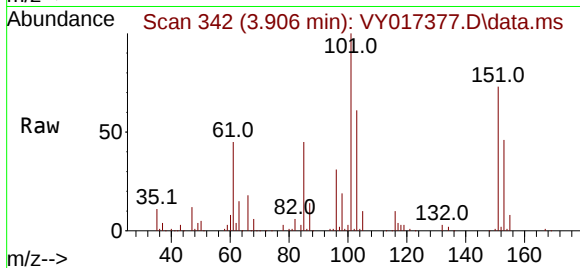
#9
1,1,2-Trichlorotrifluoroethane
Concen: 93.774 ug/l
RT: 3.906 min Scan# 343
Delta R.T. -0.006 min
Lab File: VY017377.D
Acq: 14 Feb 2024 12:11

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Tgt Ion:101 Resp: 13410
Ion Ratio Lower Upper
101 100
85 45.3 35.8 53.6
151 73.0 58.6 88.0

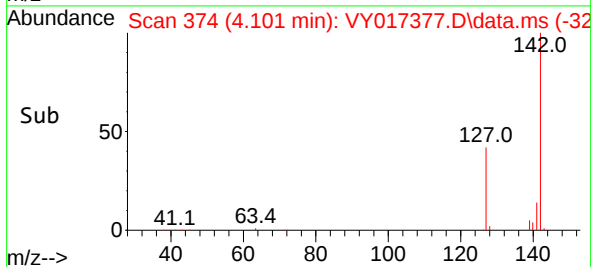
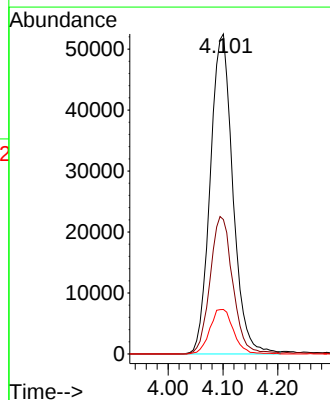
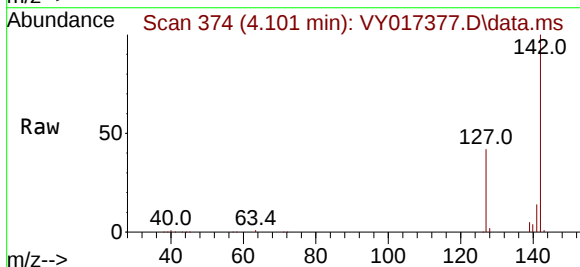
Manual Integrations
APPROVED

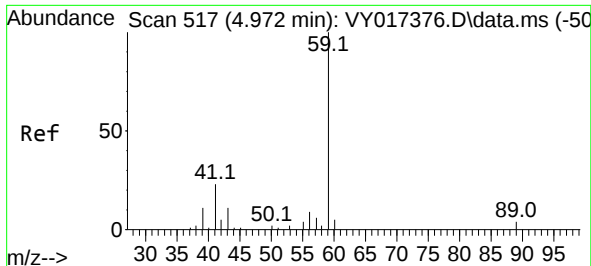
Reviewed By :Mahesh Dadoda 02/15/2024
Supervised By :Semsettin Yesilyurt 02/15/2024



#10
Methyl Iodide
Concen: 106.830 ug/l
RT: 4.101 min Scan# 374
Delta R.T. 0.000 min
Lab File: VY017377.D
Acq: 14 Feb 2024 12:11

Tgt Ion:142 Resp: 150167
Ion Ratio Lower Upper
142 100
127 43.2 35.1 52.7
141 14.5 11.8 17.6





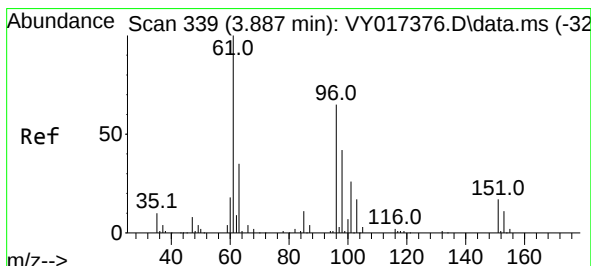
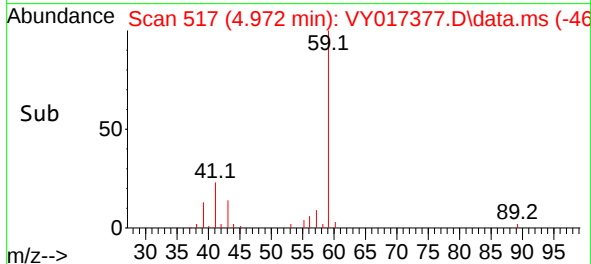
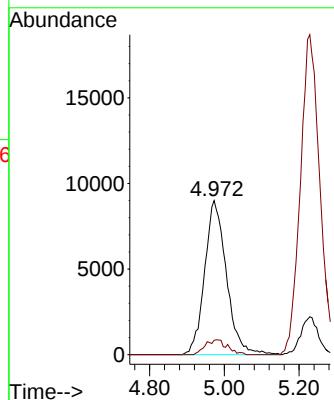
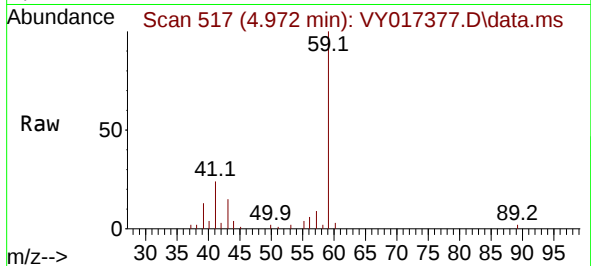
#11
Tert butyl alcohol
Concen: 511.471 ug/l
RT: 4.972 min Scan# 517
Delta R.T. 0.000 min
Lab File: VY017377.D
Acq: 14 Feb 2024 12:11

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

Tgt Ion: 59 Resp: 36478
Ion Ratio Lower Upper
59 100
57 9.7 7.4 11.0

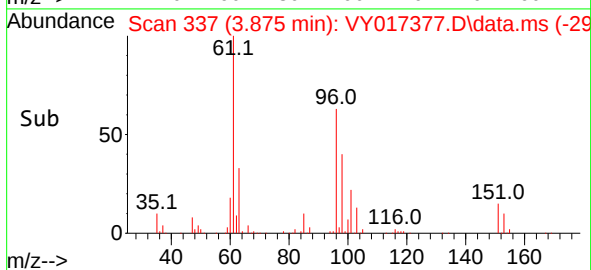
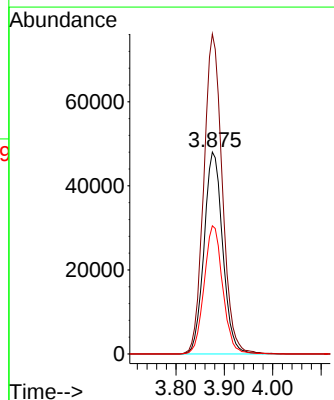
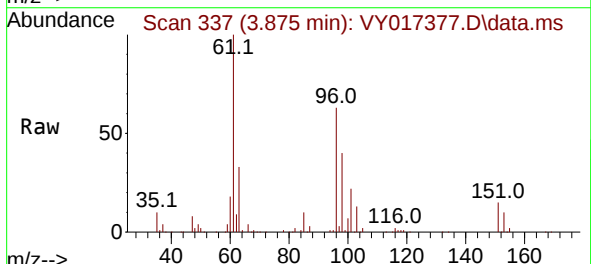
Manual Integrations
APPROVED

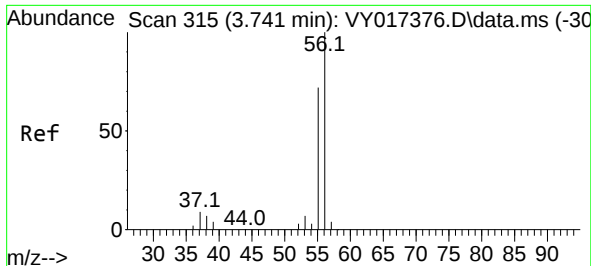
Reviewed By :Mahesh Dadoda 02/15/2024
Supervised By :Semsettin Yesilyurt 02/15/2024



#12
1,1-Dichloroethene
Concen: 97.579 ug/l
RT: 3.875 min Scan# 337
Delta R.T. -0.012 min
Lab File: VY017377.D
Acq: 14 Feb 2024 12:11

Tgt Ion: 96 Resp: 128707
Ion Ratio Lower Upper
96 100
61 158.5 124.2 186.2
98 63.5 52.6 79.0





#13

Acrolein

Concen: 459.376 ug/l

RT: 3.735 min Scan# 31

Delta R.T. -0.006 min

Lab File: VY017377.D

Acq: 14 Feb 2024 12:11

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC100

Tgt Ion: 56 Resp: 6480

Ion Ratio Lower Upper

56 100

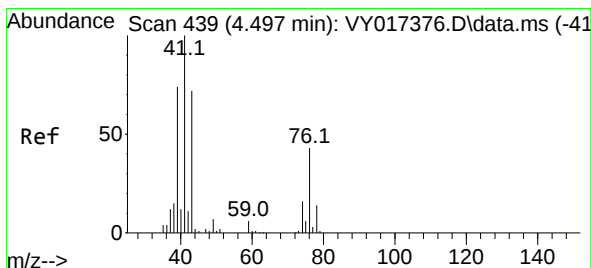
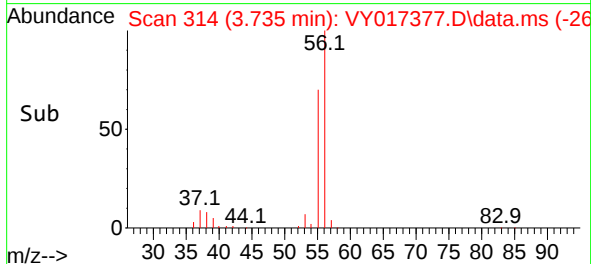
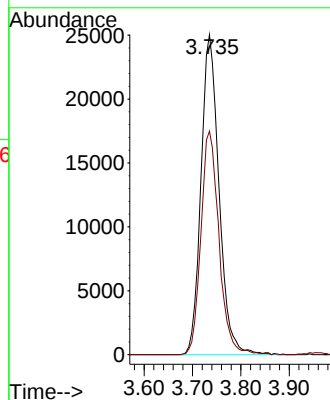
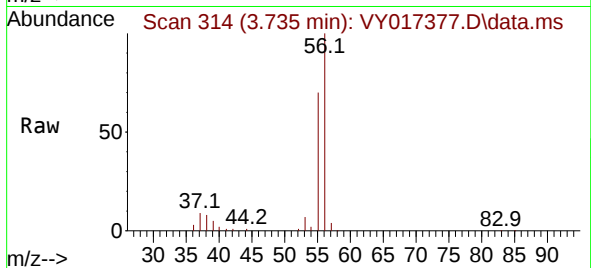
55 70.0 55.4 83.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/15/2024

Supervised By :Semsettin Yesilyurt 02/15/2024



#14

Allyl chloride

Concen: 99.058 ug/l

RT: 4.485 min Scan# 437

Delta R.T. -0.012 min

Lab File: VY017377.D

Acq: 14 Feb 2024 12:11

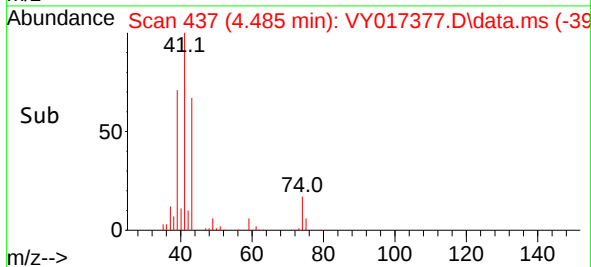
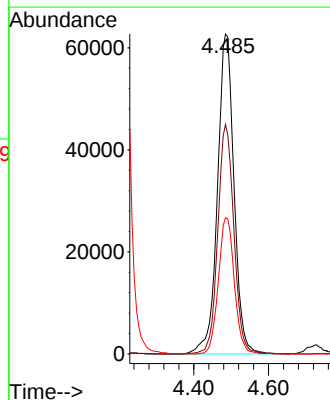
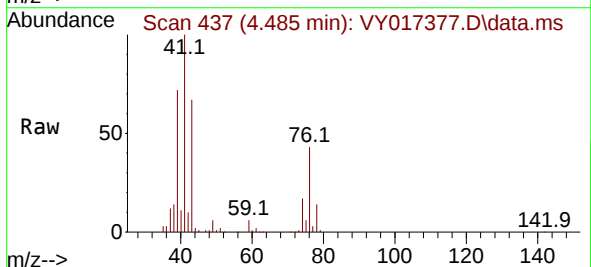
Tgt Ion: 41 Resp: 193199

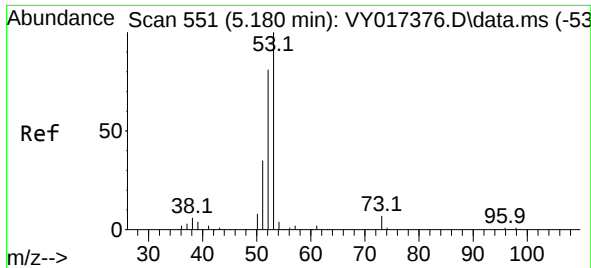
Ion Ratio Lower Upper

41 100

39 69.5 54.7 82.1

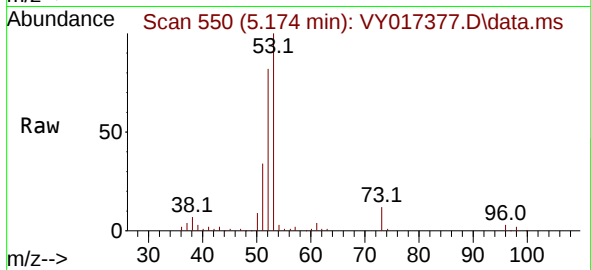
76 41.0 31.8 47.6





#15
Acrylonitrile
Concen: 486.326 ug/l
RT: 5.174 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY017377.D
Acq: 14 Feb 2024 12:11

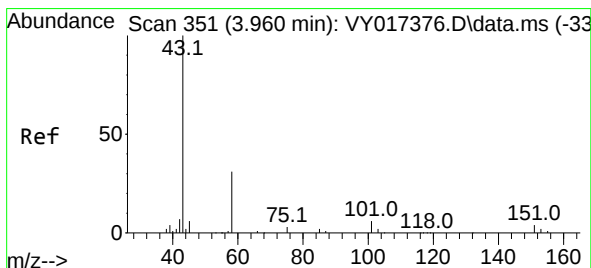
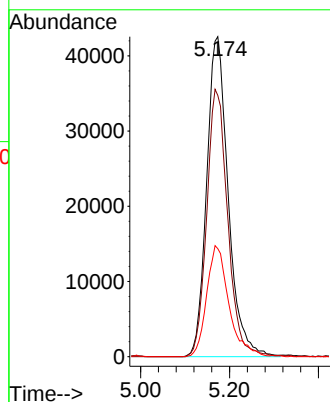
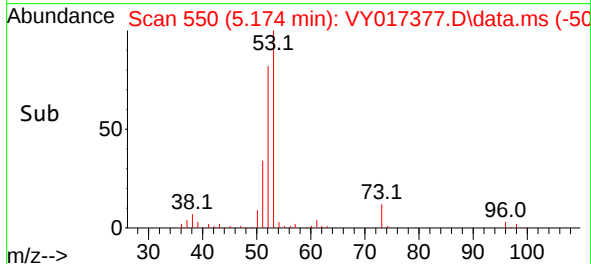
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100



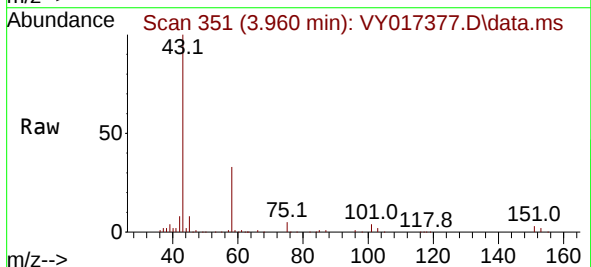
Tgt Ion: 53 Resp: 14359
Ion Ratio Lower Upper
53 100
52 81.4 65.1 97.7
51 35.7 29.0 43.4

Manual Integrations
APPROVED

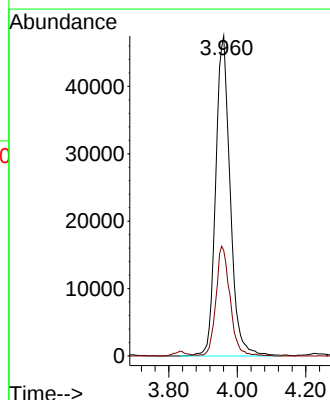
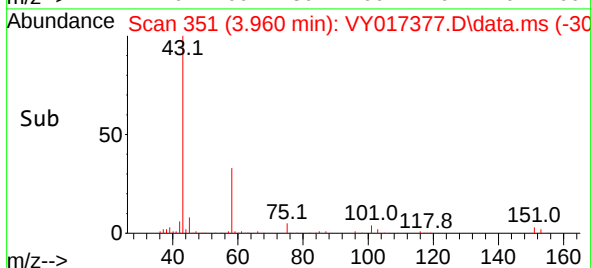
Reviewed By :Mahesh Dadoda 02/15/2024
Supervised By :Semsettin Yesilyurt 02/15/2024

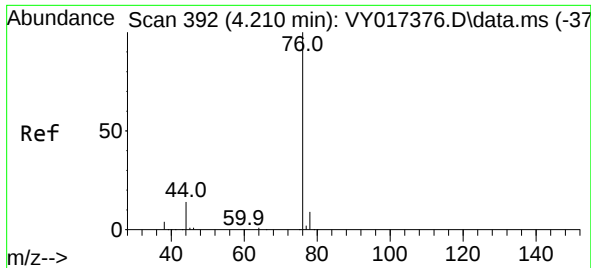


#16
Acetone
Concen: 500.866 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.000 min
Lab File: VY017377.D
Acq: 14 Feb 2024 12:11



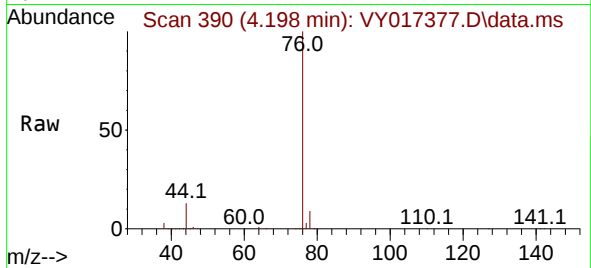
Tgt Ion: 43 Resp: 139405
Ion Ratio Lower Upper
43 100
58 33.0 26.6 39.8





#17
Carbon Disulfide
Concen: 96.218 ug/l
RT: 4.198 min Scan# 392
Delta R.T. -0.012 min
Lab File: VY017377.D
Acq: 14 Feb 2024 12:11

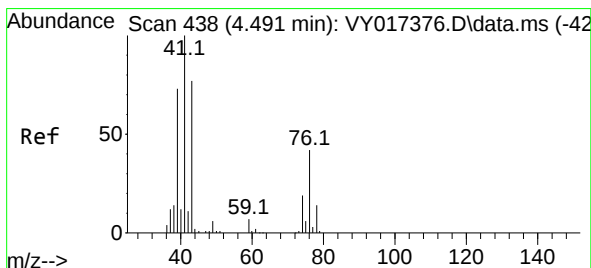
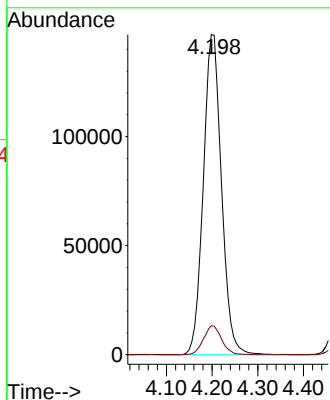
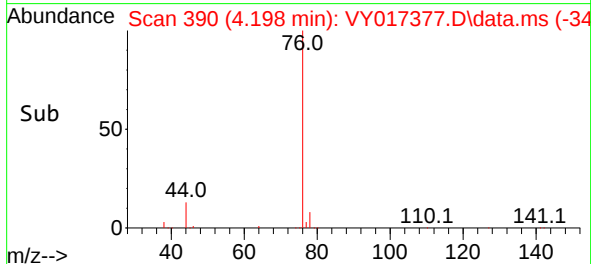
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100



Tgt Ion: 76 Resp: 40485
Ion Ratio Lower Upper
76 100
78 9.1 7.4 11.0

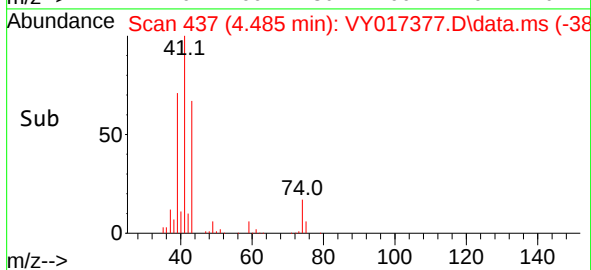
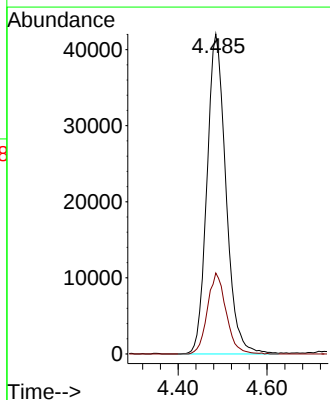
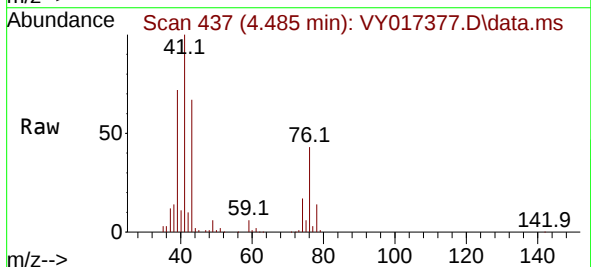
Manual Integrations
APPROVED

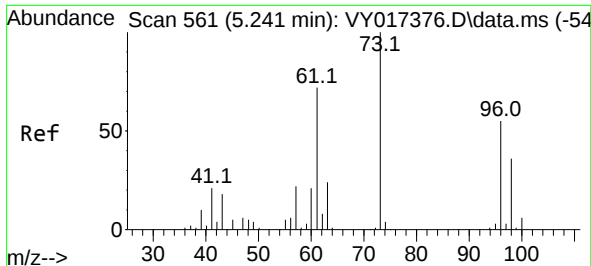
Reviewed By :Mahesh Dadoda 02/15/2024
Supervised By :Semsettin Yesilyurt 02/15/2024



#18
Methyl Acetate
Concen: 98.703 ug/l
RT: 4.485 min Scan# 437
Delta R.T. -0.006 min
Lab File: VY017377.D
Acq: 14 Feb 2024 12:11

Tgt Ion: 43 Resp: 124706
Ion Ratio Lower Upper
43 100
74 24.9 19.8 29.6





#19

Methyl tert-butyl Ether

Concen: 103.627 ug/l

RT: 5.229 min Scan# 51

Delta R.T. -0.012 min

Lab File: VY017377.D

Acq: 14 Feb 2024 12:11

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

Tgt Ion: 73 Resp: 30384

Ion Ratio Lower Upper

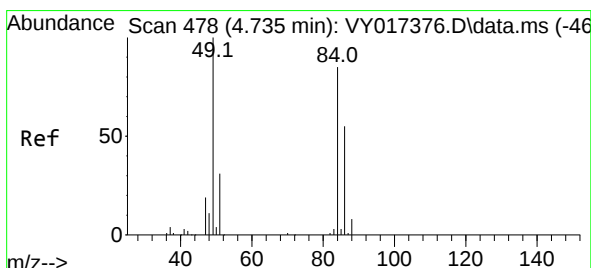
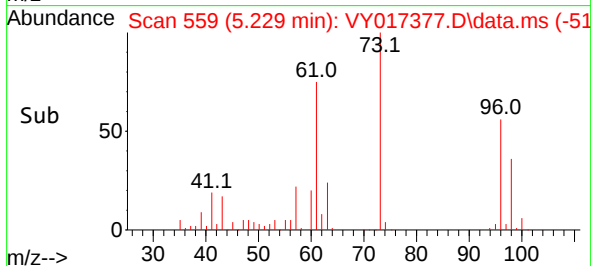
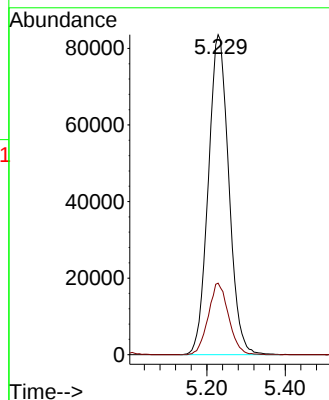
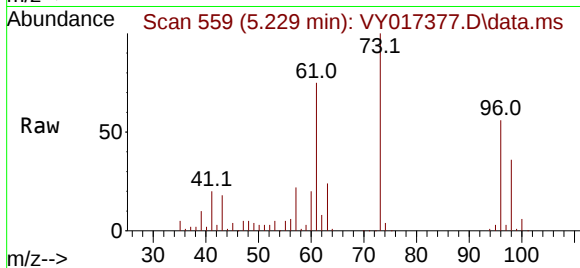
73 100

57 22.4 17.7 26.5

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/15/2024
Supervised By :Semsettin Yesilyurt 02/15/2024



#20

Methylene Chloride

Concen: 103.545 ug/l

RT: 4.723 min Scan# 476

Delta R.T. -0.013 min

Lab File: VY017377.D

Acq: 14 Feb 2024 12:11

Tgt Ion: 84 Resp: 138423

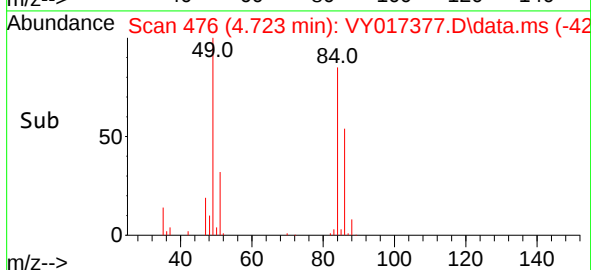
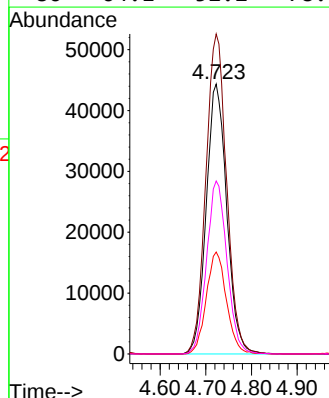
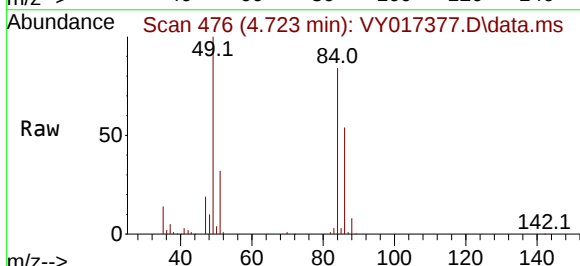
Ion Ratio Lower Upper

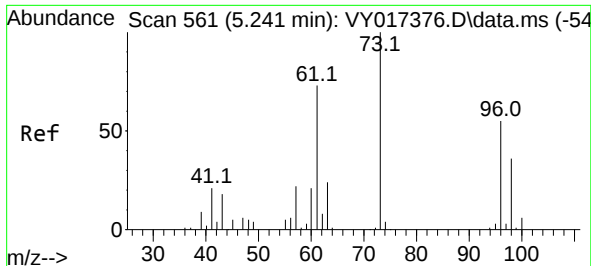
84 100

49 118.5 95.2 142.8

51 37.7 29.9 44.9

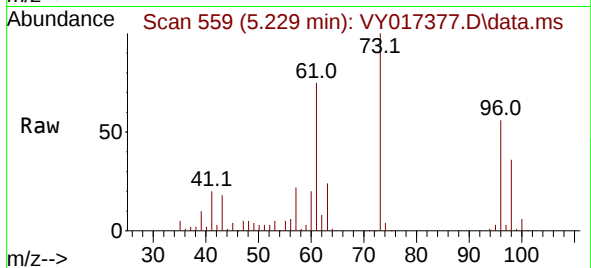
86 64.1 52.2 78.4





#21
trans-1,2-Dichloroethene
Concen: 97.662 ug/l
RT: 5.229 min Scan# 51
Delta R.T. -0.012 min
Lab File: VY017377.D
Acq: 14 Feb 2024 12:11

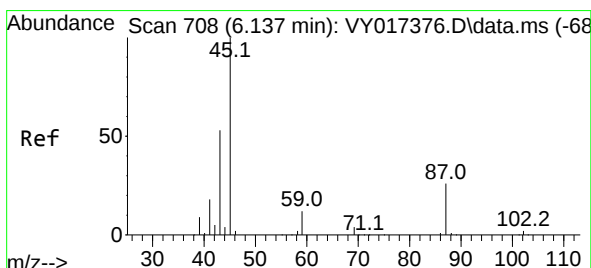
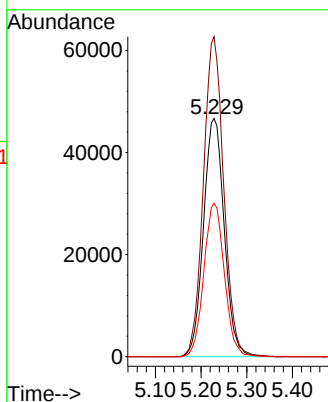
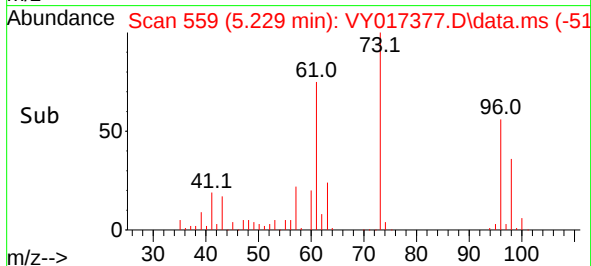
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100



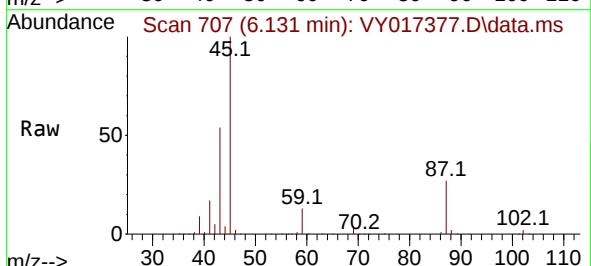
Tgt Ion: 96 Resp: 14716
Ion Ratio Lower Upper
96 100
61 134.3 104.6 156.8
98 64.3 50.9 76.3

Manual Integrations
APPROVED

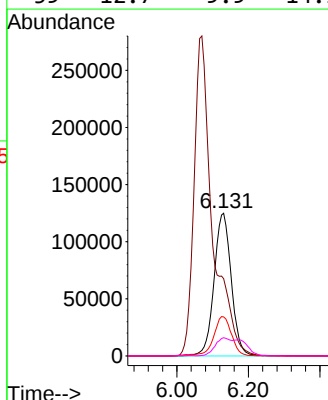
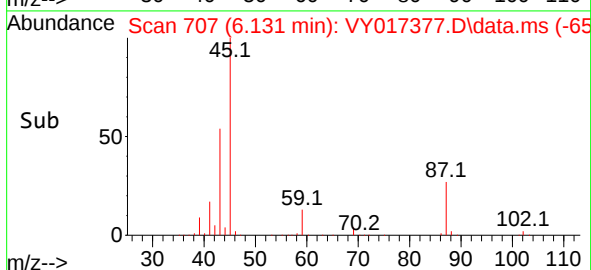
Reviewed By :Mahesh Dadoda 02/15/2024
Supervised By :Semsettin Yesilyurt 02/15/2024

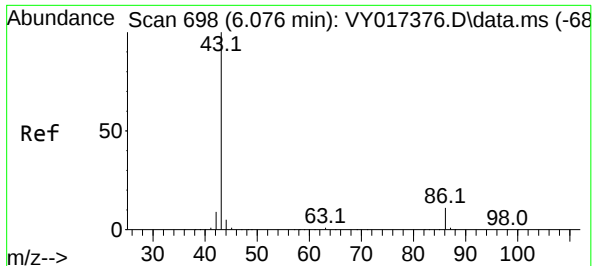


#22
Diisopropyl ether
Concen: 99.726 ug/l
RT: 6.131 min Scan# 707
Delta R.T. -0.006 min
Lab File: VY017377.D
Acq: 14 Feb 2024 12:11



Tgt Ion: 45 Resp: 416817
Ion Ratio Lower Upper
45 100
43 53.9 46.8 70.2
87 27.4 22.2 33.2
59 12.7 9.9 14.9





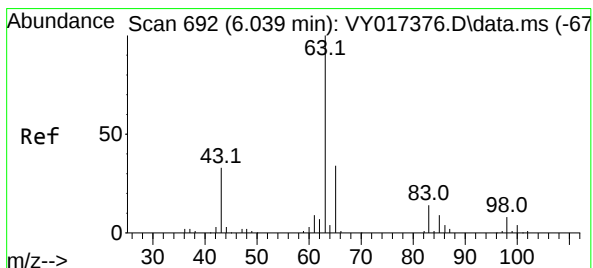
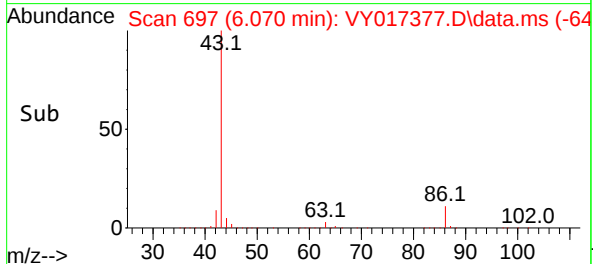
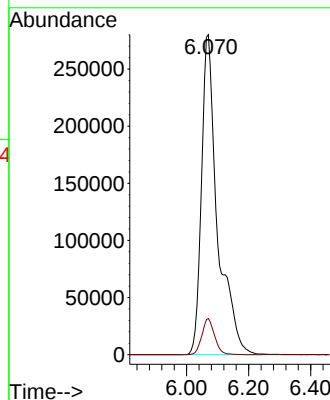
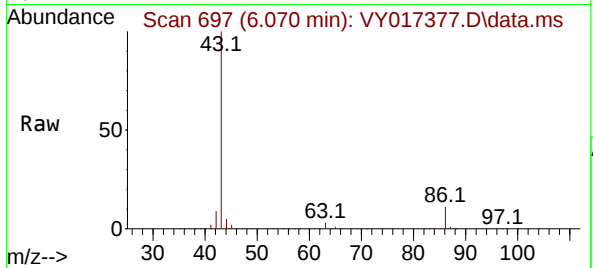
#23
Vinyl Acetate
Concen: 509.204 ug/l
RT: 6.070 min Scan# 697
Delta R.T. -0.006 min
Lab File: VY017377.D
Acq: 14 Feb 2024 12:11

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Tgt Ion: 43 Resp: 100525
Ion Ratio Lower Upper
43 100
86 11.3 8.6 13.0

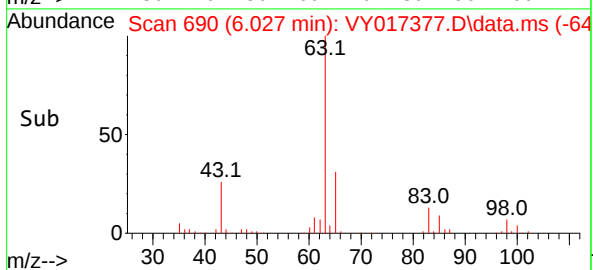
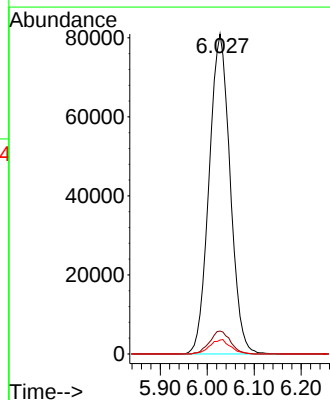
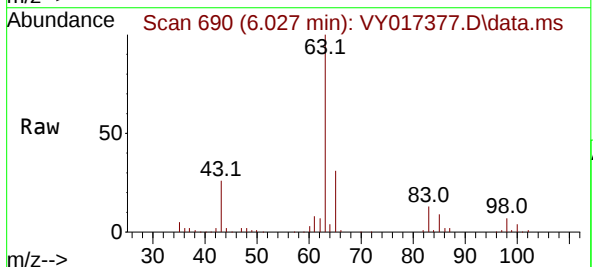
Manual Integrations
APPROVED

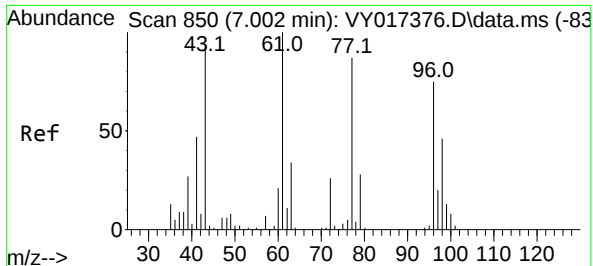
Reviewed By :Mahesh Dadoda 02/15/2024
Supervised By :Semsettin Yesilyurt 02/15/2024



#24
1,1-Dichloroethane
Concen: 96.428 ug/l
RT: 6.027 min Scan# 690
Delta R.T. -0.012 min
Lab File: VY017377.D
Acq: 14 Feb 2024 12:11

Tgt Ion: 63 Resp: 251462
Ion Ratio Lower Upper
63 100
98 7.1 3.8 11.4
100 4.4 2.1 6.2





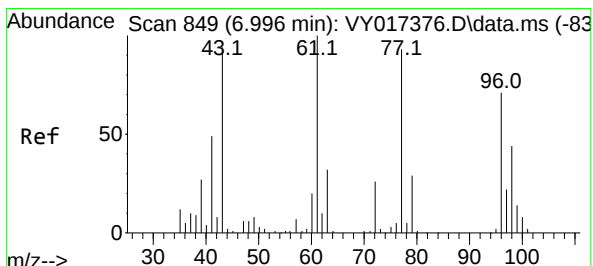
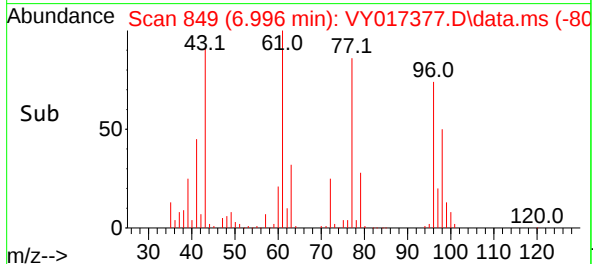
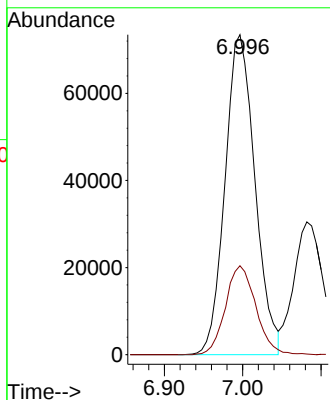
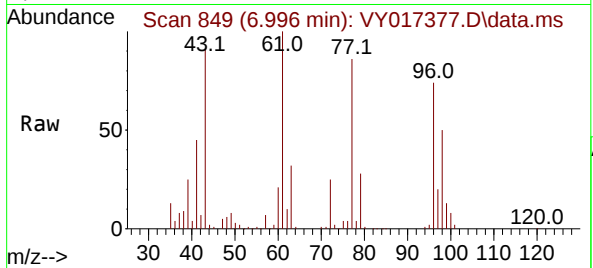
#25
2-Butanone
Concen: 457.704 ug/l
RT: 6.996 min Scan# 849
Delta R.T. -0.006 min
Lab File: VY017377.D
Acq: 14 Feb 2024 12:11

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Tgt Ion: 43 Resp: 195428
Ion Ratio Lower Upper
43 100
72 27.8 21.4 32.2

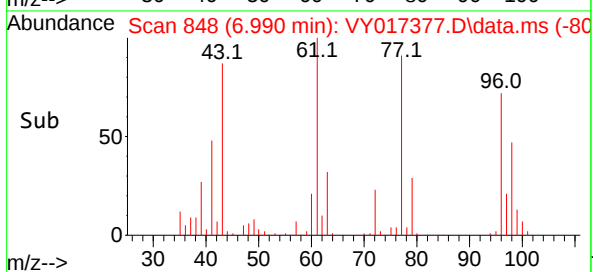
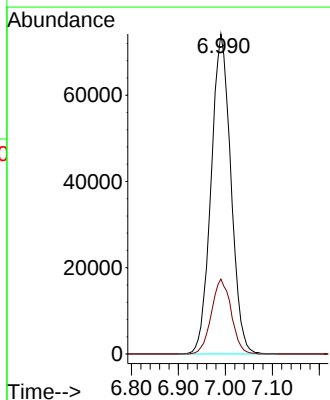
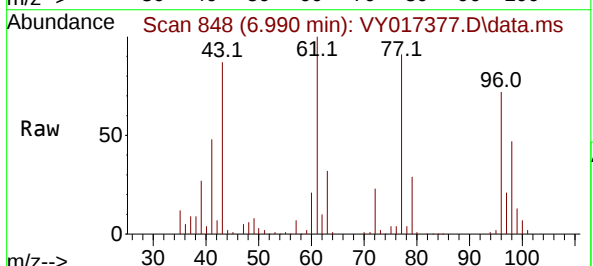
Manual Integrations
APPROVED

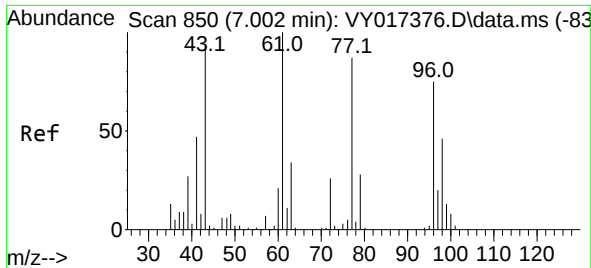
Reviewed By :Mahesh Dadoda 02/15/2024
Supervised By :Semsettin Yesilyurt 02/15/2024



#26
2,2-Dichloropropane
Concen: 96.922 ug/l
RT: 6.990 min Scan# 848
Delta R.T. -0.006 min
Lab File: VY017377.D
Acq: 14 Feb 2024 12:11

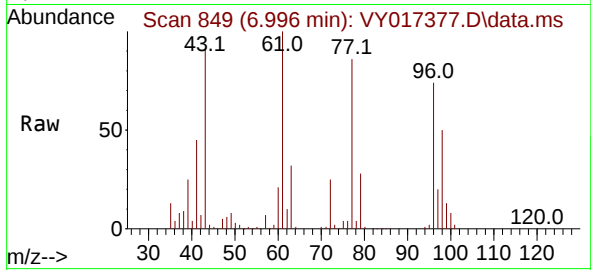
Tgt Ion: 77 Resp: 216479
Ion Ratio Lower Upper
77 100
97 23.4 11.7 35.0





#27
 cis-1,2-Dichloroethene
 Concen: 99.992 ug/l
 RT: 6.996 min Scan# 849
 Delta R.T. -0.006 min
 Lab File: VY017377.D
 Acq: 14 Feb 2024 12:11

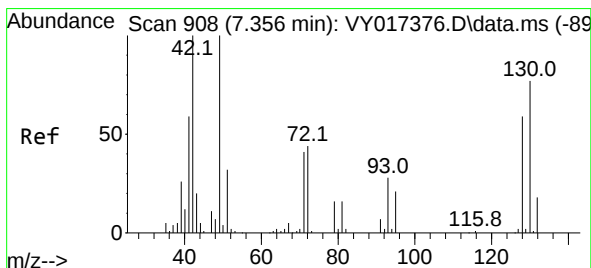
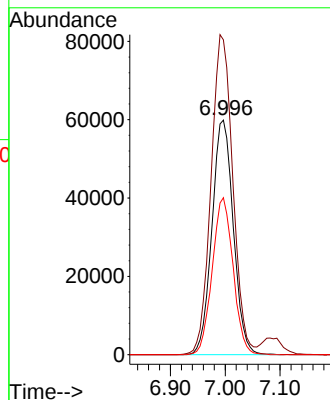
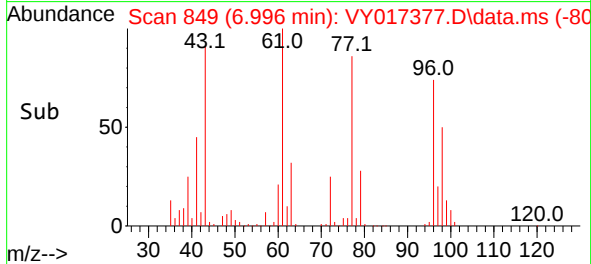
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC100



Tgt Ion: 96 Resp: 162225
 Ion Ratio Lower Upper
 96 100
 61 139.0 0.0 278.8
 98 65.2 0.0 127.0

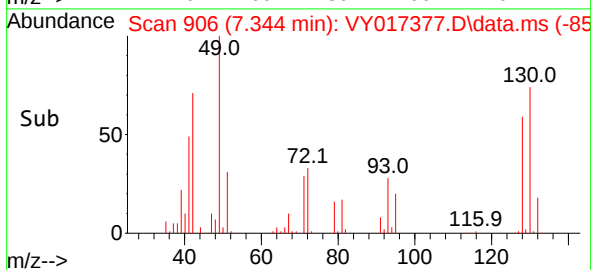
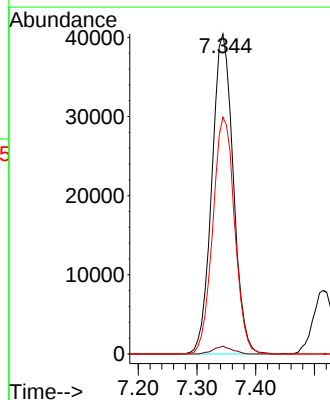
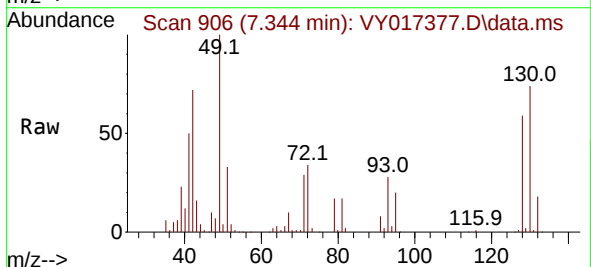
Manual Integrations
 APPROVED

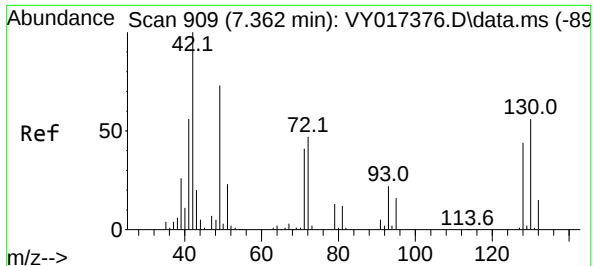
Reviewed By :Mahesh Dadoda 02/15/2024
 Supervised By :Semsettin Yesilyurt 02/15/2024



#28
 Bromochloromethane
 Concen: 107.435 ug/l
 RT: 7.344 min Scan# 906
 Delta R.T. -0.012 min
 Lab File: VY017377.D
 Acq: 14 Feb 2024 12:11

Tgt Ion: 49 Resp: 102130
 Ion Ratio Lower Upper
 49 100
 129 2.1 0.0 3.8
 130 75.4 59.8 89.8





#29

Tetrahydrofuran

Concen: 490.614 ug/l

RT: 7.356 min Scan# 909

Delta R.T. -0.006 min

Lab File: VY017377.D

Acq: 14 Feb 2024 12:11

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC100

Tgt Ion: 42 Resp: 116169

Ion Ratio Lower Upper

42 100

72 46.6 36.6 54.8

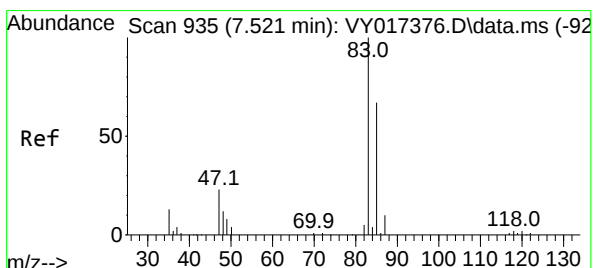
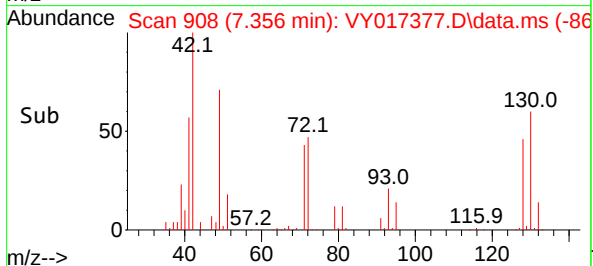
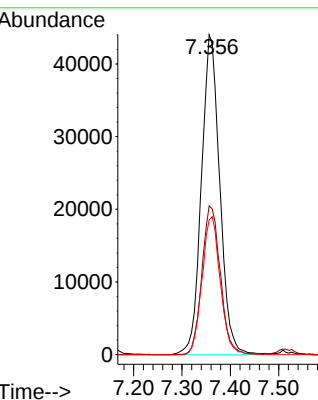
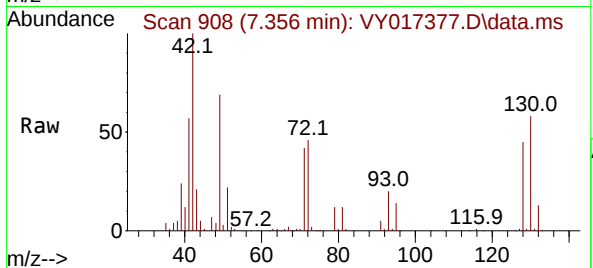
71 42.9 33.8 50.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/15/2024

Supervised By :Semsettin Yesilyurt 02/15/2024



#30

Chloroform

Concen: 96.572 ug/l

RT: 7.515 min Scan# 934

Delta R.T. -0.006 min

Lab File: VY017377.D

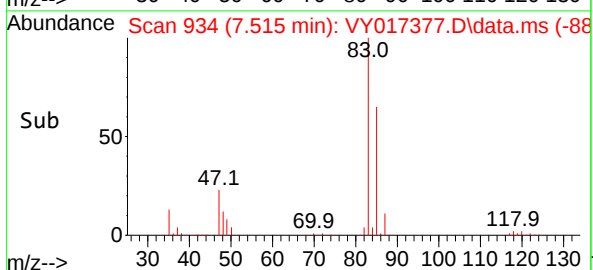
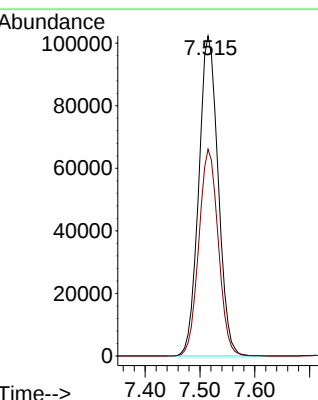
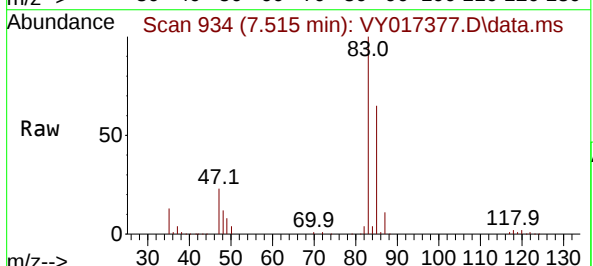
Acq: 14 Feb 2024 12:11

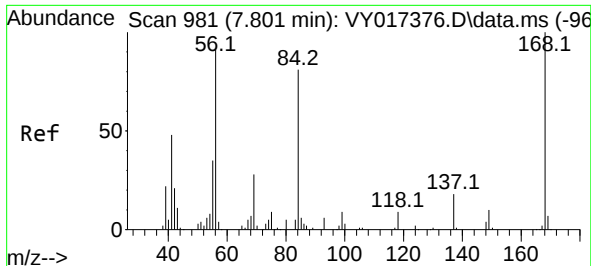
Tgt Ion: 83 Resp: 251120

Ion Ratio Lower Upper

83 100

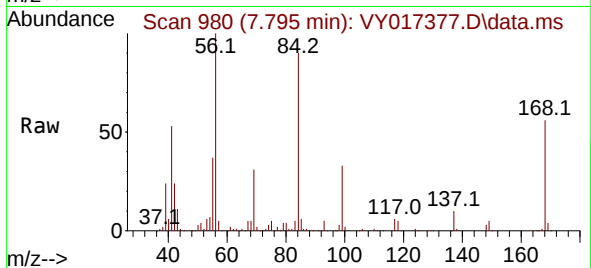
85 64.6 51.2 76.8





#31
Cyclohexane
Concen: 93.870 ug/l
RT: 7.795 min Scan# 981
Delta R.T. -0.006 min
Lab File: VY017377.D
Acq: 14 Feb 2024 12:11

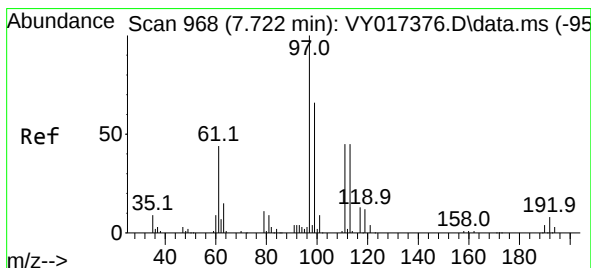
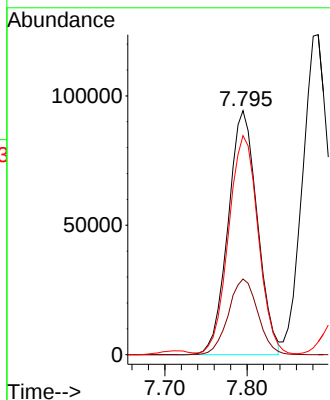
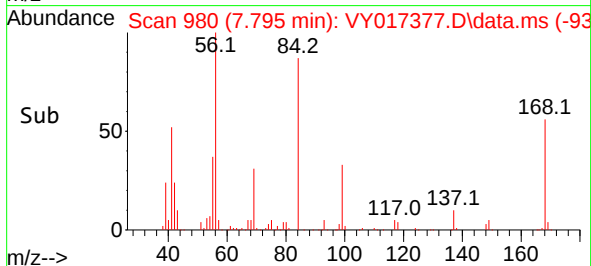
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100



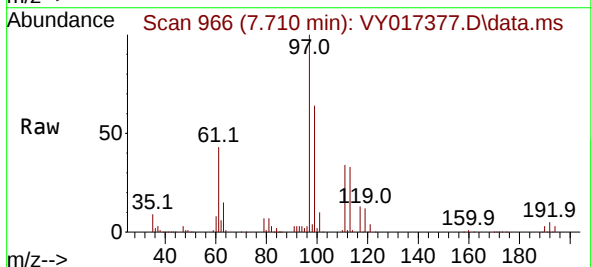
Tgt Ion: 56 Resp: 233290
Ion Ratio Lower Upper
56 100
69 31.0 27.0 40.6
84 88.2 71.8 107.6

Manual Integrations
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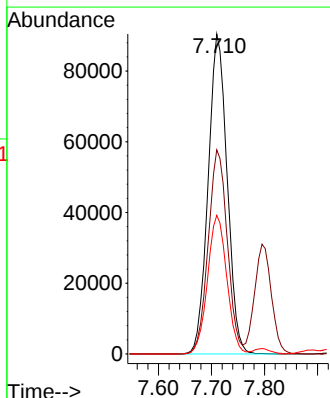
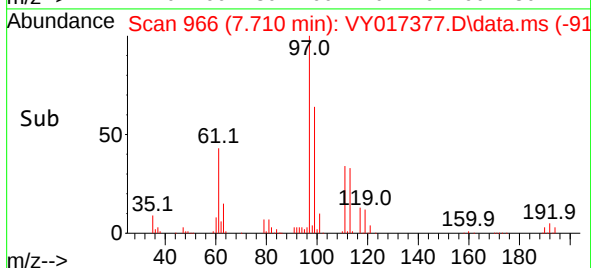
Reviewed By :Mahesh Dadoda 02/15/2024
Supervised By :Semsettin Yesilyurt 02/15/2024

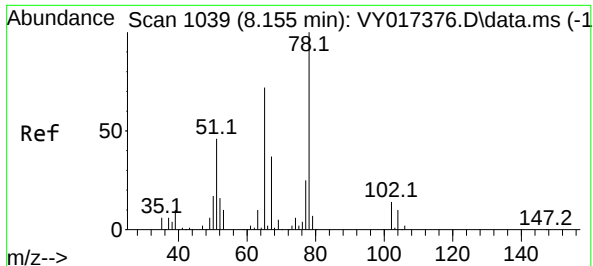


#32
1,1,1-Trichloroethane
Concen: 97.602 ug/l
RT: 7.710 min Scan# 966
Delta R.T. -0.012 min
Lab File: VY017377.D
Acq: 14 Feb 2024 12:11



Tgt Ion: 97 Resp: 225186
Ion Ratio Lower Upper
97 100
99 64.3 51.2 76.8
61 43.9 35.0 52.6





#33

1,2-Dichloroethane-d4

Concen: 95.157 ug/l

RT: 8.149 min Scan# 1108

Delta R.T. -0.006 min

Lab File: VY017377.D

Acq: 14 Feb 2024 12:11

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC100

Tgt Ion: 65 Resp: 12422

Ion Ratio Lower Upper

65 100

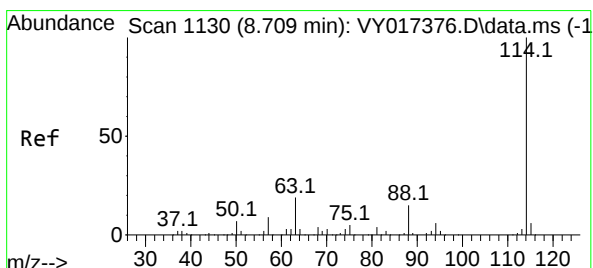
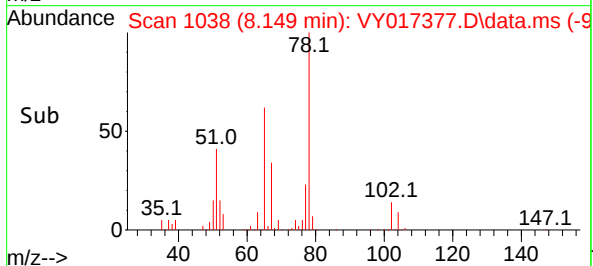
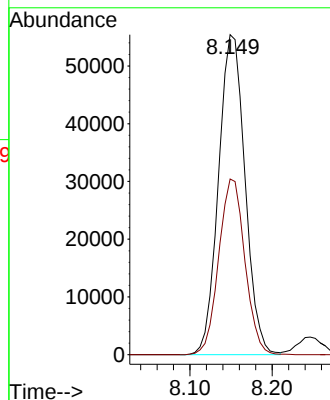
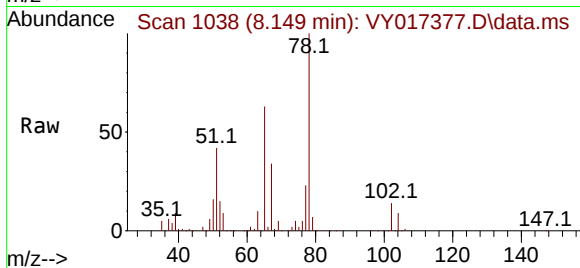
67 54.1 0.0 109.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/15/2024

Supervised By :Semsettin Yesilyurt 02/15/2024



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. -0.012 min

Lab File: VY017377.D

Acq: 14 Feb 2024 12:11

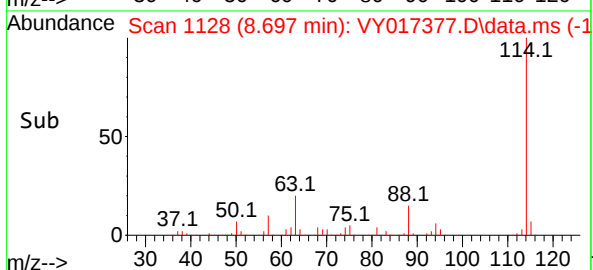
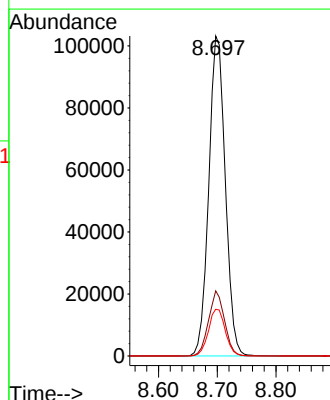
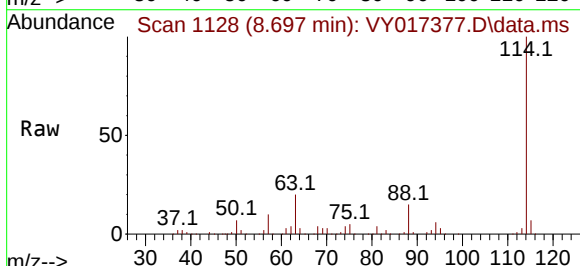
Tgt Ion:114 Resp: 201583

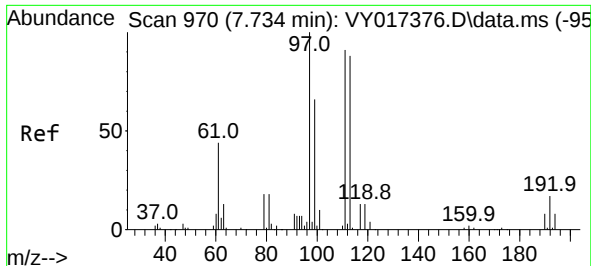
Ion Ratio Lower Upper

114 100

63 20.4 0.0 37.4

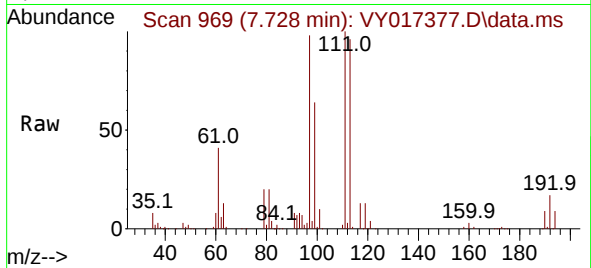
88 14.6 0.0 29.0





#35
Dibromofluoromethane
Concen: 98.205 ug/l
RT: 7.728 min Scan# 90
Delta R.T. -0.006 min
Lab File: VY017377.D
Acq: 14 Feb 2024 12:11

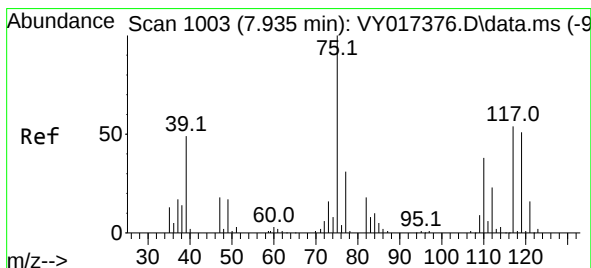
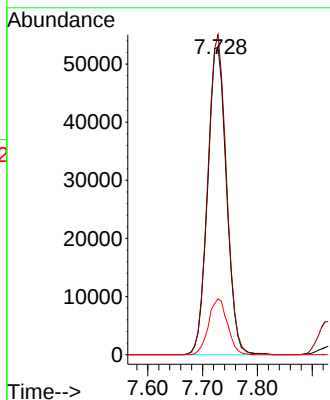
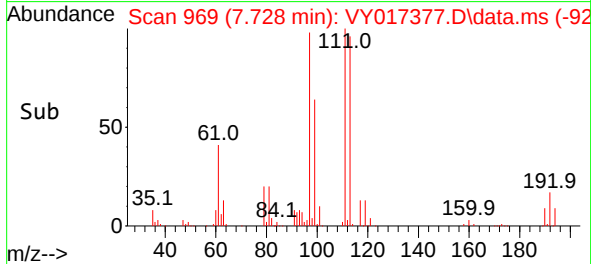
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100



Tgt Ion:113 Resp: 126215
Ion Ratio Lower Upper
113 100
111 103.0 83.8 125.6
192 18.1 14.5 21.7

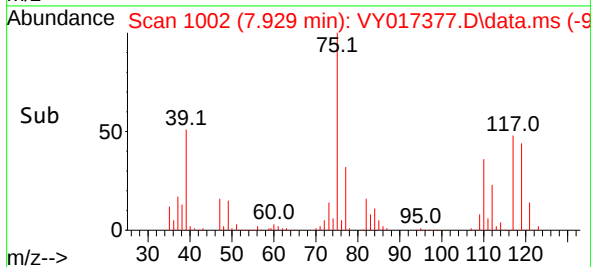
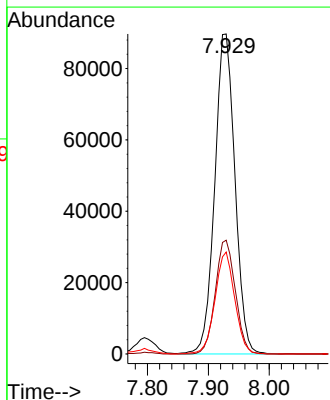
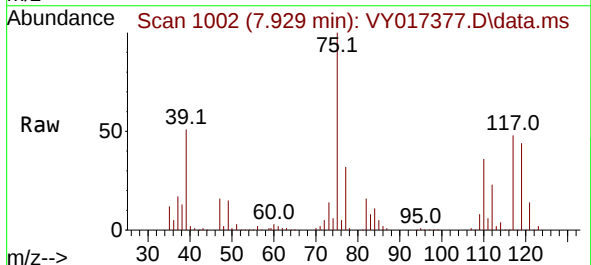
Manual Integrations
APPROVED

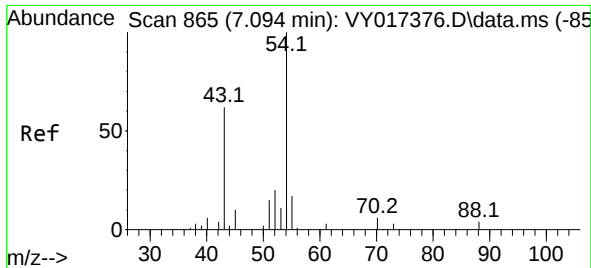
Reviewed By :Mahesh Dadoda 02/15/2024
Supervised By :Semsettin Yesilyurt 02/15/2024



#36
1,1-Dichloropropene
Concen: 98.432 ug/l
RT: 7.929 min Scan# 1002
Delta R.T. -0.006 min
Lab File: VY017377.D
Acq: 14 Feb 2024 12:11

Tgt Ion: 75 Resp: 207135
Ion Ratio Lower Upper
75 100
110 35.1 17.4 52.3
77 31.1 24.7 37.1





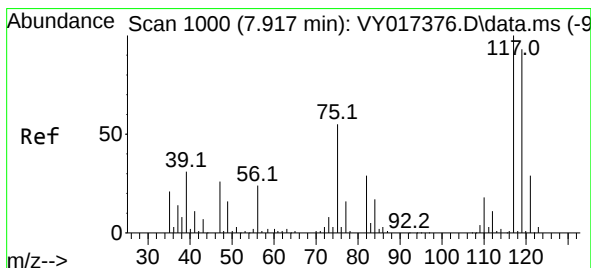
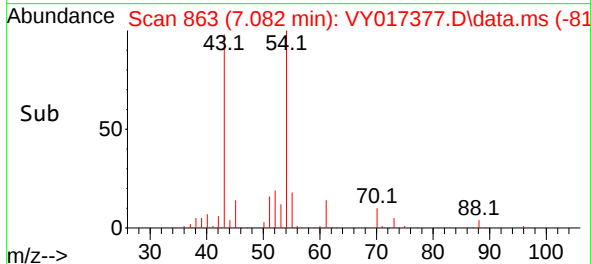
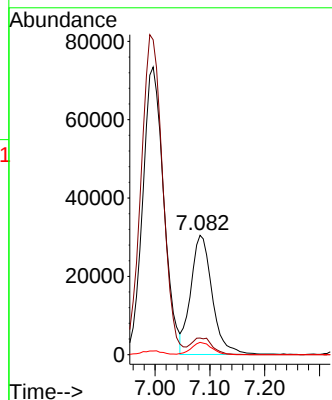
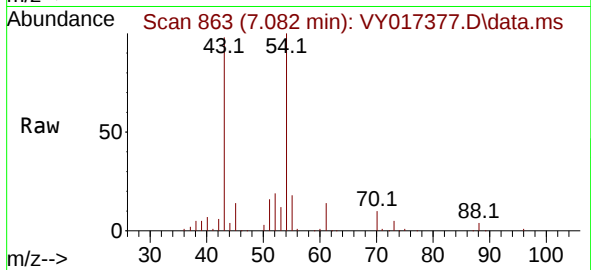
#37
Ethyl Acetate
Concen: 96.443 ug/l
RT: 7.082 min Scan# 80
Delta R.T. -0.012 min
Lab File: VY017377.D
Acq: 14 Feb 2024 12:11

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Tgt Ion: 43 Resp: 82508
Ion Ratio Lower Upper
43 100
61 13.8 11.0 16.6
70 9.8 8.1 12.1

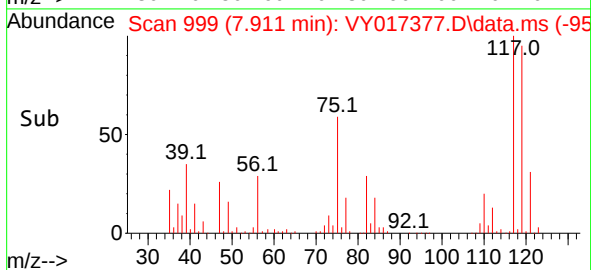
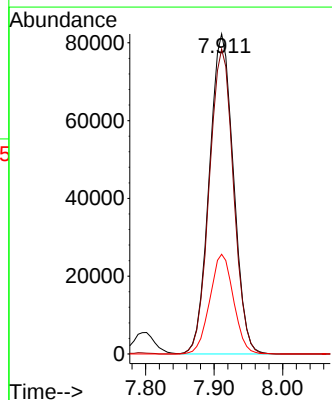
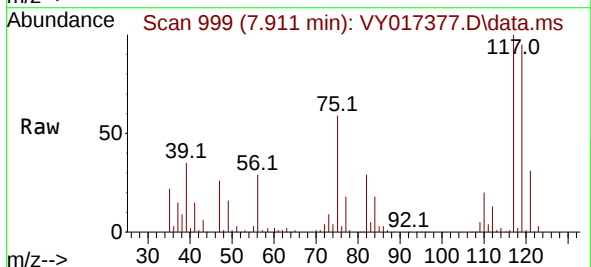
Manual Integrations
APPROVED

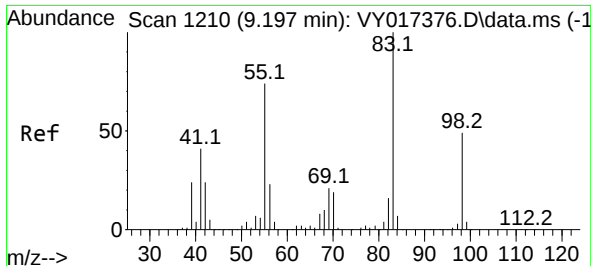
Reviewed By :Mahesh Dadoda 02/15/2024
Supervised By :Semsettin Yesilyurt 02/15/2024



#38
Carbon Tetrachloride
Concen: 99.936 ug/l
RT: 7.911 min Scan# 999
Delta R.T. -0.006 min
Lab File: VY017377.D
Acq: 14 Feb 2024 12:11

Tgt Ion:117 Resp: 201794
Ion Ratio Lower Upper
117 100
119 95.3 76.0 114.0
121 31.1 24.2 36.2





#39

Methylcyclohexane

Concen: 103.719 ug/l

RT: 9.191 min Scan# 1042

Delta R.T. -0.006 min

Lab File: VY017377.D

Acq: 14 Feb 2024 12:11

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC100

Tgt Ion: 83 Resp: 261329

Ion Ratio Lower Upper

83 100

55 72.9 59.7 89.5

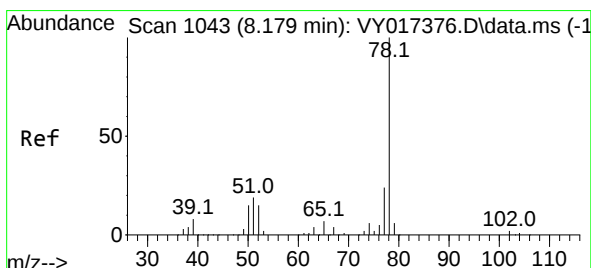
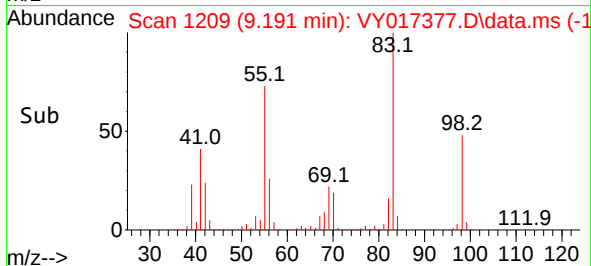
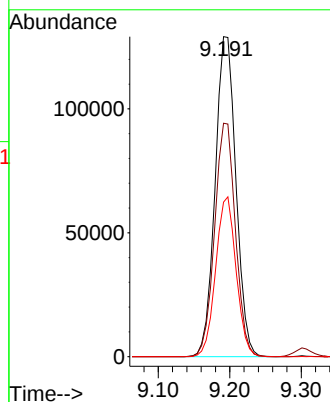
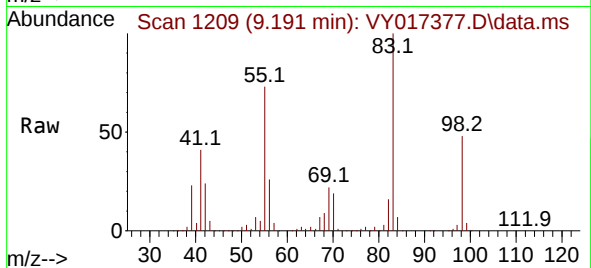
98 48.3 38.0 57.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/15/2024

Supervised By :Semsettin Yesilyurt 02/15/2024



#40

Benzene

Concen: 100.835 ug/l

RT: 8.173 min Scan# 1042

Delta R.T. -0.006 min

Lab File: VY017377.D

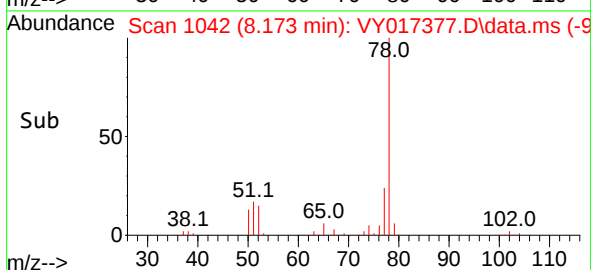
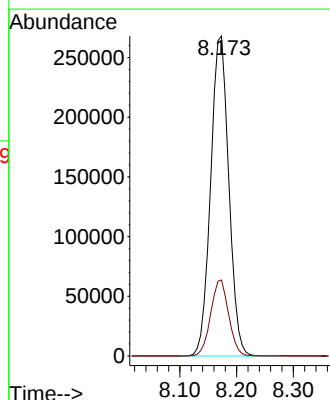
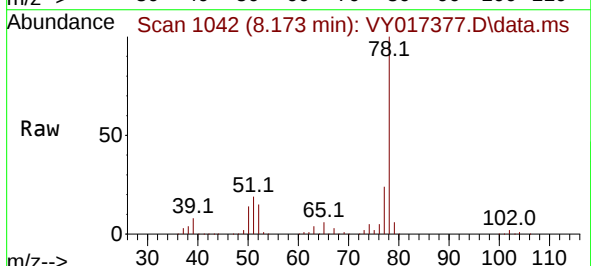
Acq: 14 Feb 2024 12:11

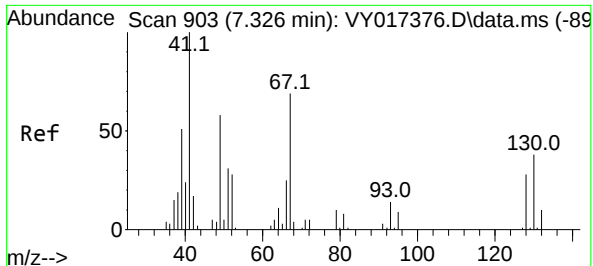
Tgt Ion: 78 Resp: 594496

Ion Ratio Lower Upper

78 100

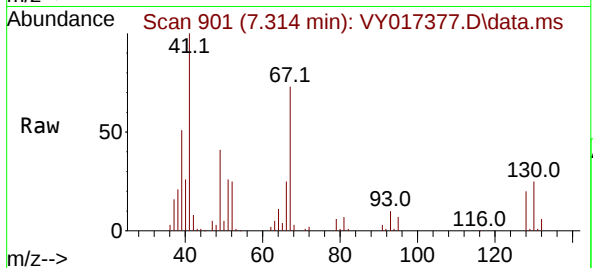
77 23.8 18.8 28.2





#41
Methacrylonitrile
Concen: 103.626 ug/l
RT: 7.314 min Scan# 901
Delta R.T. -0.012 min
Lab File: VY017377.D
Acq: 14 Feb 2024 12:11

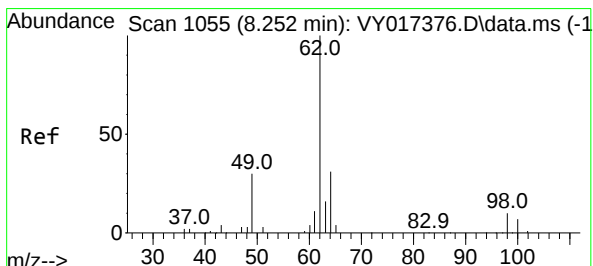
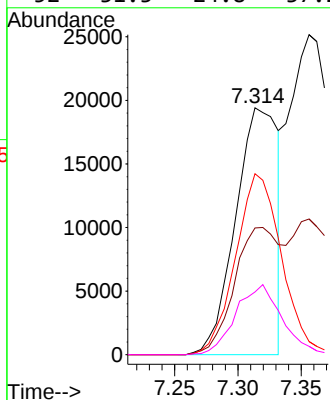
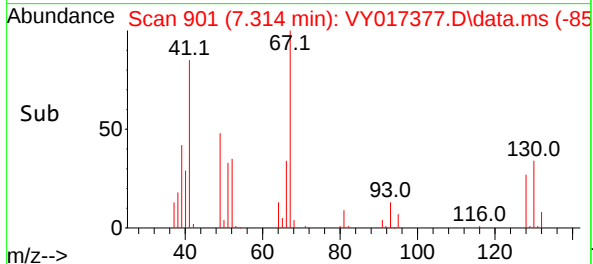
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100



Tgt Ion: 41 Resp: 4518
Ion Ratio Lower Upper
41 100
39 59.4 41.9 62.9
67 80.0 59.8 89.6
52 31.3 24.8 37.2

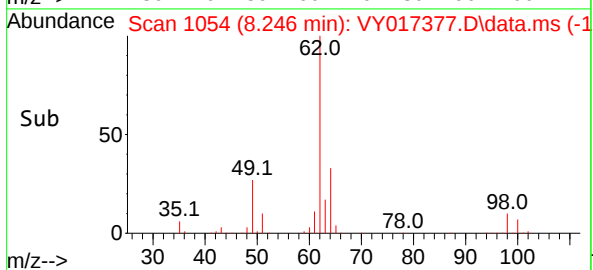
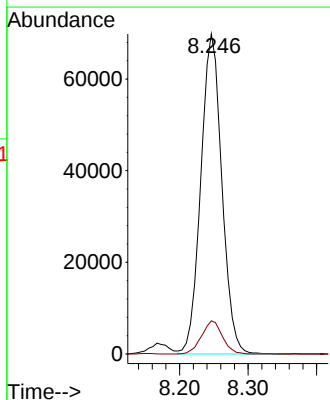
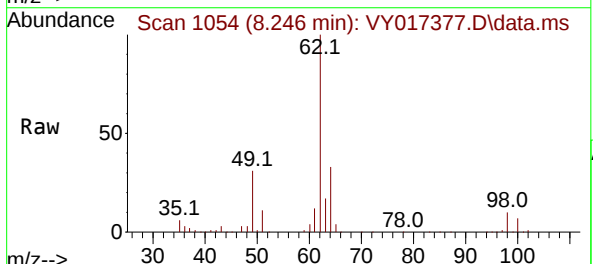
Manual Integrations
APPROVED

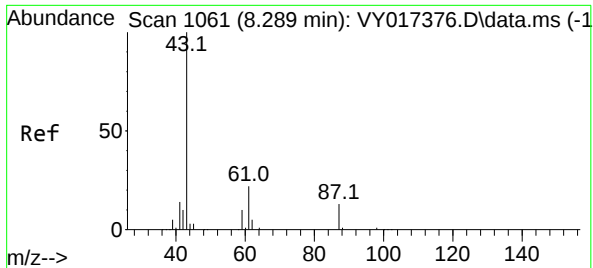
Reviewed By :Mahesh Dadoda 02/15/2024
Supervised By :Semsettin Yesilyurt 02/15/2024



#42
1,2-Dichloroethane
Concen: 99.457 ug/l
RT: 8.246 min Scan# 1054
Delta R.T. -0.006 min
Lab File: VY017377.D
Acq: 14 Feb 2024 12:11

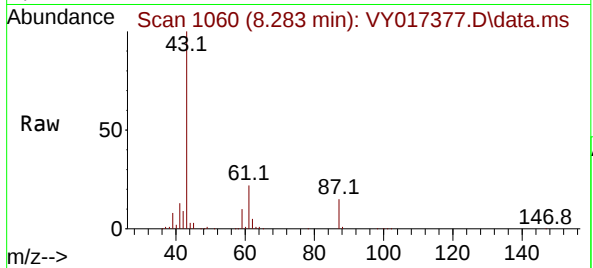
Tgt Ion: 62 Resp: 149235
Ion Ratio Lower Upper
62 100
98 10.2 0.0 20.2





#43
Isopropyl Acetate
Concen: 103.543 ug/l
RT: 8.283 min Scan# 1106
Delta R.T. -0.006 min
Lab File: VY017377.D
Acq: 14 Feb 2024 12:11

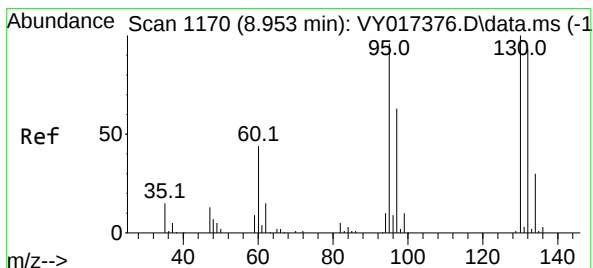
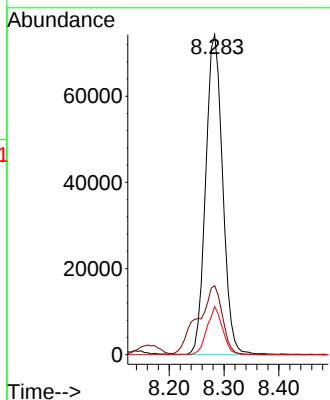
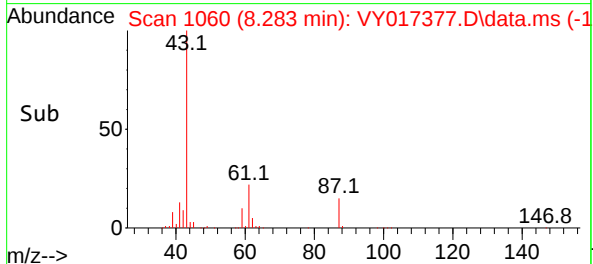
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100



Tgt Ion: 43 Resp: 15867
Ion Ratio Lower Upper
43 100
61 31.3 24.8 37.2
87 13.7 10.7 16.1

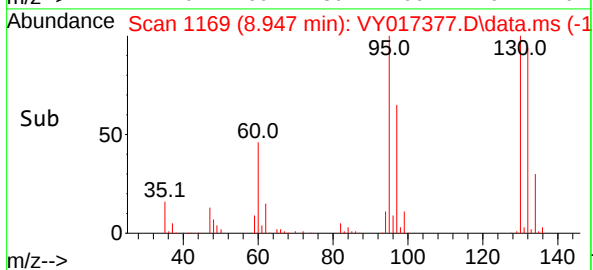
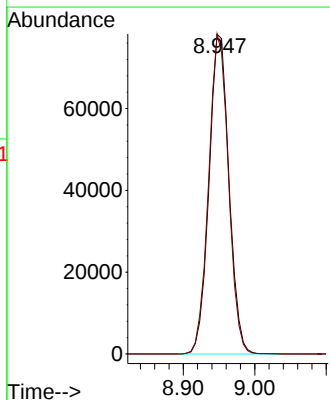
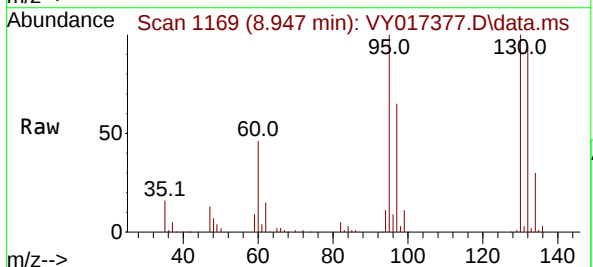
Manual Integrations
APPROVED

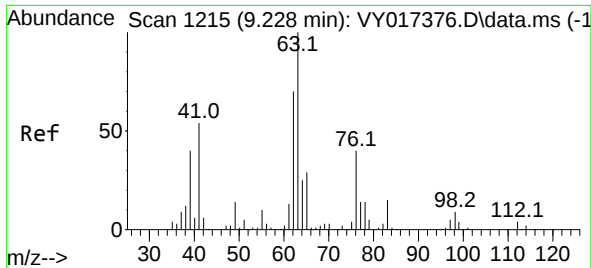
Reviewed By :Mahesh Dadoda 02/15/2024
Supervised By :Semsettin Yesilyurt 02/15/2024



#44
Trichloroethene
Concen: 99.471 ug/l
RT: 8.947 min Scan# 1169
Delta R.T. -0.006 min
Lab File: VY017377.D
Acq: 14 Feb 2024 12:11

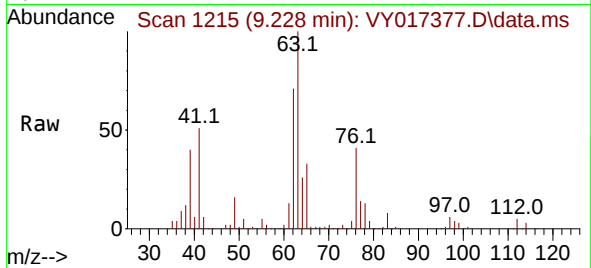
Tgt Ion:130 Resp: 151544
Ion Ratio Lower Upper
130 100
95 100.1 0.0 203.8





#45
1,2-Dichloropropane
Concen: 101.130 ug/l
RT: 9.228 min Scan# 1215
Delta R.T. 0.000 min
Lab File: VY017377.D
Acq: 14 Feb 2024 12:11

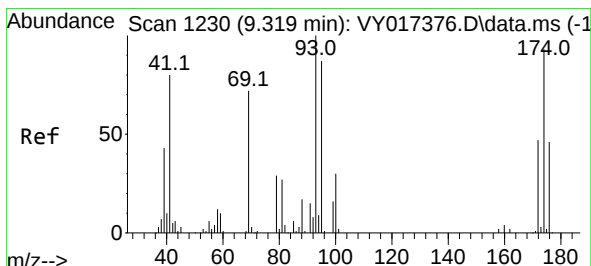
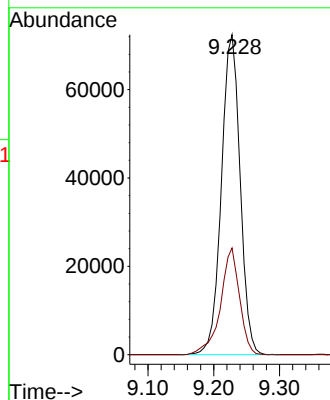
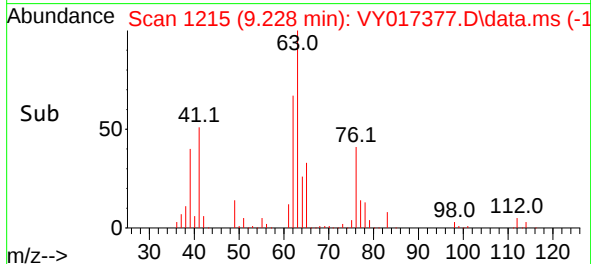
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100



Tgt Ion: 63 Resp: 14349
Ion Ratio Lower Upper
63 100
65 33.4 24.6 36.8

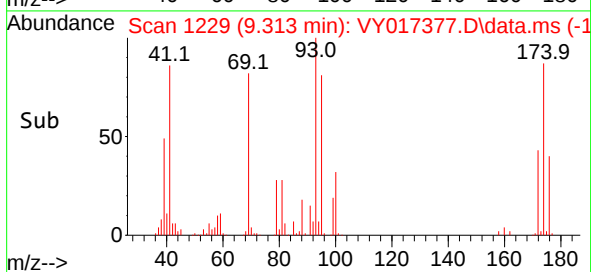
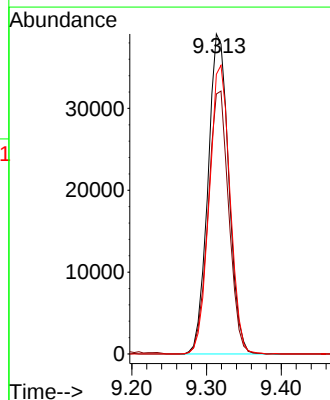
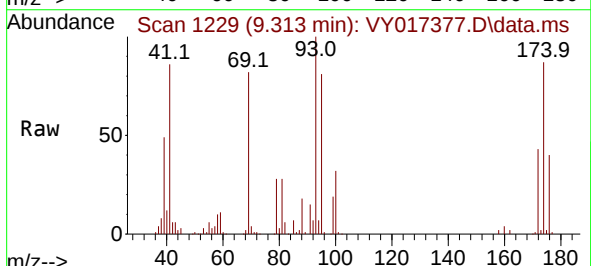
Manual Integrations
APPROVED

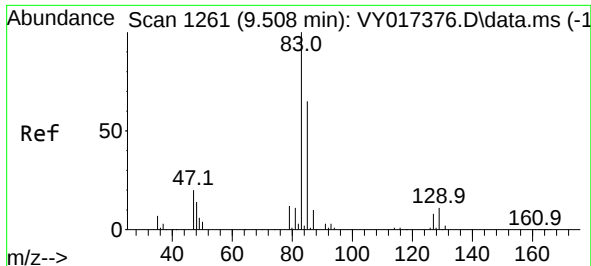
Reviewed By :Mahesh Dadoda 02/15/2024
Supervised By :Semsettin Yesilyurt 02/15/2024



#46
Dibromomethane
Concen: 102.591 ug/l
RT: 9.313 min Scan# 1229
Delta R.T. -0.006 min
Lab File: VY017377.D
Acq: 14 Feb 2024 12:11

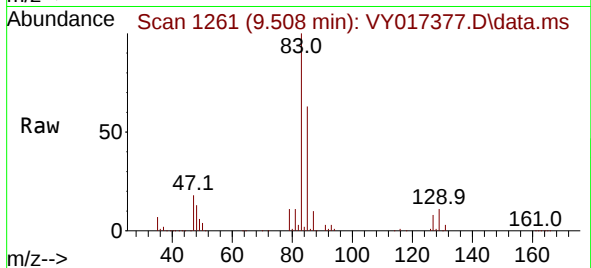
Tgt Ion: 93 Resp: 75536
Ion Ratio Lower Upper
93 100
95 81.6 66.6 99.8
174 89.8 73.8 110.6





#47
Bromodichloromethane
Concen: 100.644 ug/l
RT: 9.508 min Scan# 1261
Delta R.T. 0.000 min
Lab File: VY017377.D
Acq: 14 Feb 2024 12:11

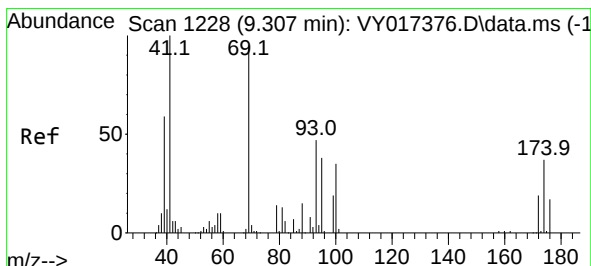
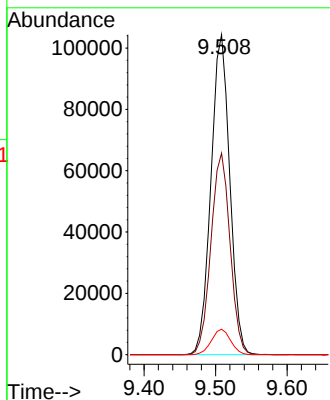
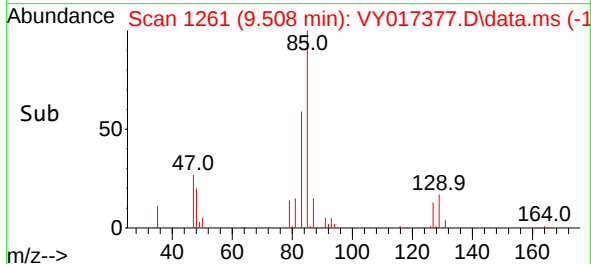
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100



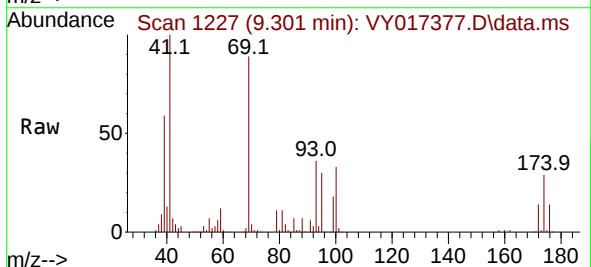
Tgt Ion: 83 Resp: 19059
Ion Ratio Lower Upper
83 100
85 62.9 53.2 79.8
127 7.9 6.4 9.6

Manual Integrations
APPROVED

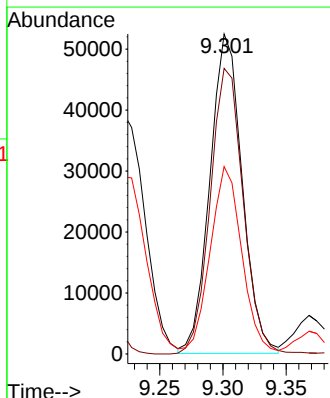
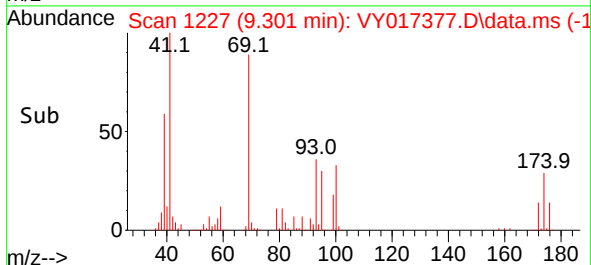
Reviewed By :Mahesh Dadoda 02/15/2024
Supervised By :Semsettin Yesilyurt 02/15/2024

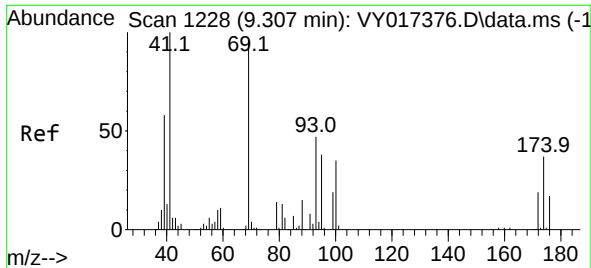


#48
Methyl methacrylate
Concen: 114.928 ug/l
RT: 9.301 min Scan# 1227
Delta R.T. -0.006 min
Lab File: VY017377.D
Acq: 14 Feb 2024 12:11



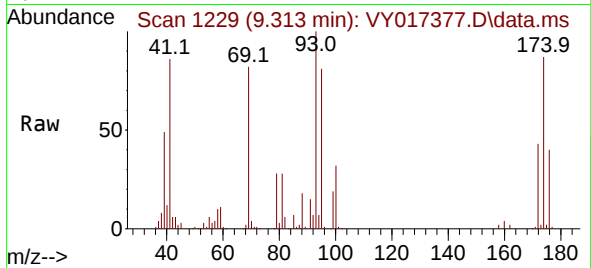
Tgt Ion: 41 Resp: 92860
Ion Ratio Lower Upper
41 100
69 91.7 72.1 108.1
39 55.3 42.8 64.2





#49
1,4-Dioxane
Concen: 2030.124 ug/l
RT: 9.313 min Scan# 1229
Delta R.T. 0.006 min
Lab File: VY017377.D
Acq: 14 Feb 2024 12:11

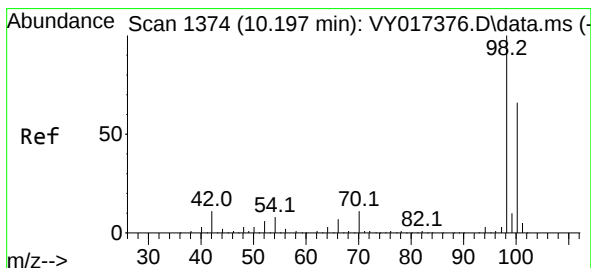
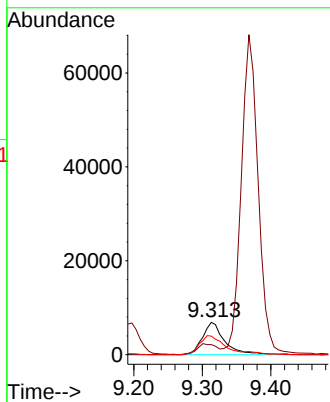
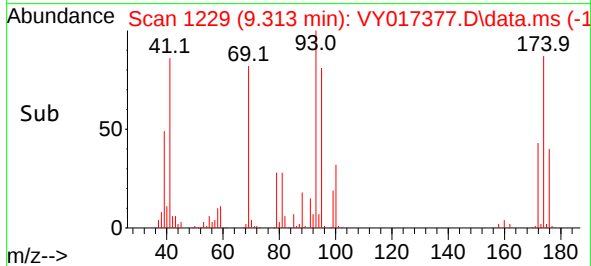
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100



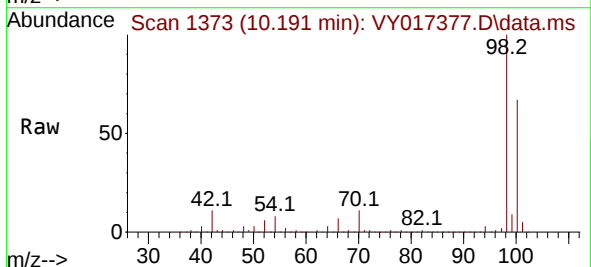
Tgt Ion: 88 Resp: 1540
Ion Ratio Lower Upper
88 100
43 30.2 28.2 42.4
58 70.7 52.2 78.2

Manual Integrations
APPROVED

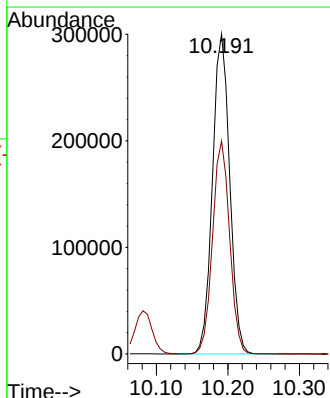
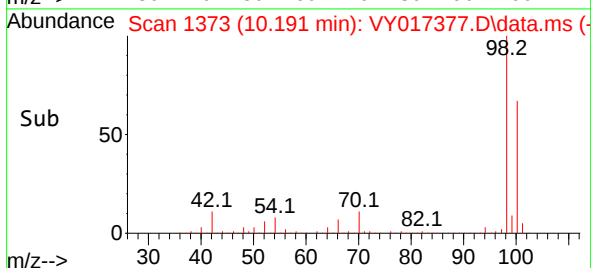
Reviewed By :Mahesh Dadoda 02/15/2024
Supervised By :Semsettin Yesilyurt 02/15/2024

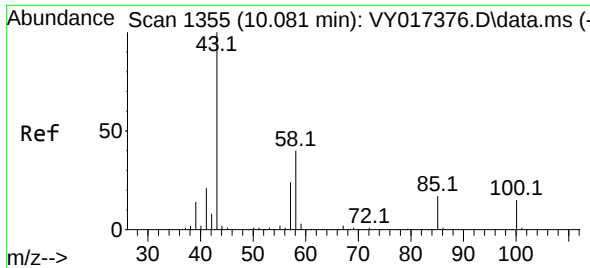


#50
Toluene-d8
Concen: 100.754 ug/l
RT: 10.191 min Scan# 1373
Delta R.T. -0.006 min
Lab File: VY017377.D
Acq: 14 Feb 2024 12:11



Tgt Ion: 98 Resp: 501750
Ion Ratio Lower Upper
98 100
100 66.1 52.3 78.5





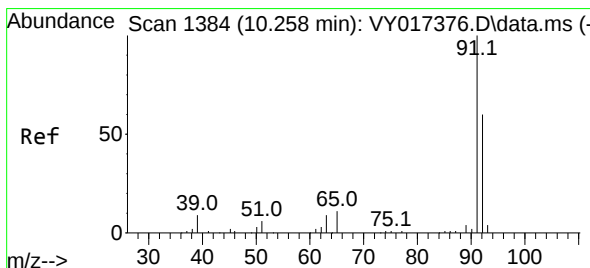
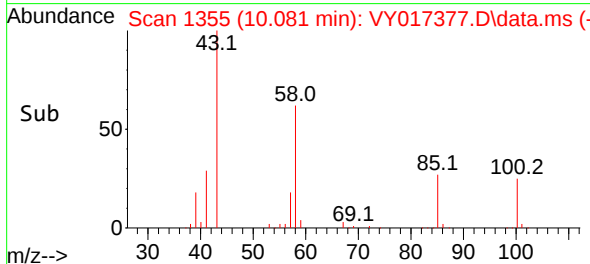
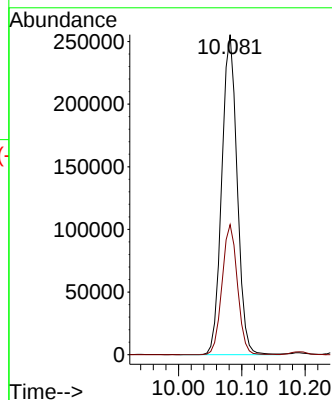
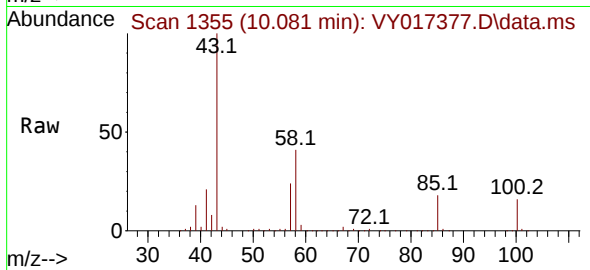
#51
4-Methyl-2-Pentanone
Concen: 515.221 ug/l
RT: 10.081 min Scan# 1355
Delta R.T. 0.000 min
Lab File: VY017377.D
Acq: 14 Feb 2024 12:11

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Tgt Ion: 43 Resp: 42900
Ion Ratio Lower Upper
43 100
58 40.6 32.2 48.2

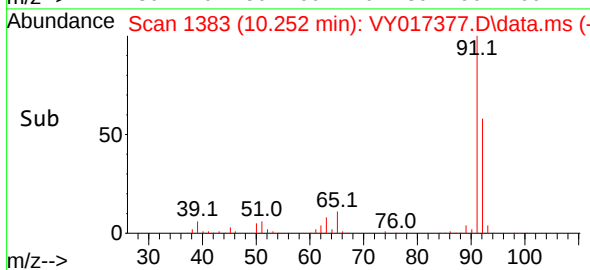
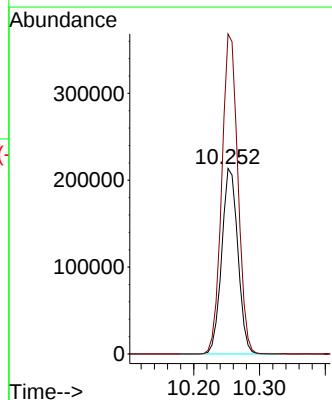
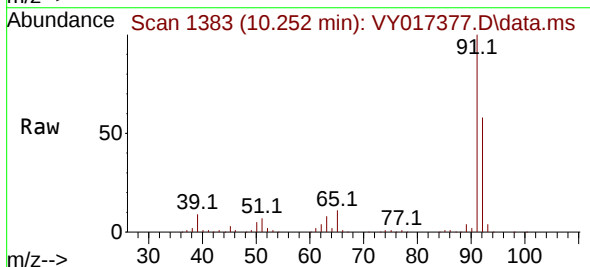
Manual Integrations
APPROVED

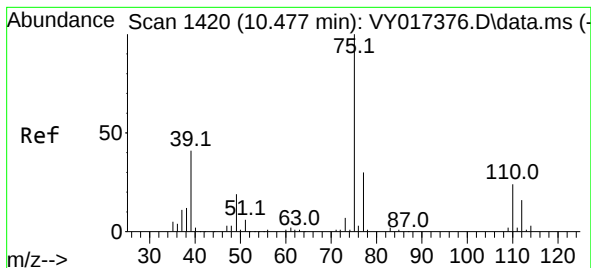
Reviewed By :Mahesh Dadoda 02/15/2024
Supervised By :Semsettin Yesilyurt 02/15/2024



#52
Toluene
Concen: 101.744 ug/l
RT: 10.252 min Scan# 1383
Delta R.T. -0.006 min
Lab File: VY017377.D
Acq: 14 Feb 2024 12:11

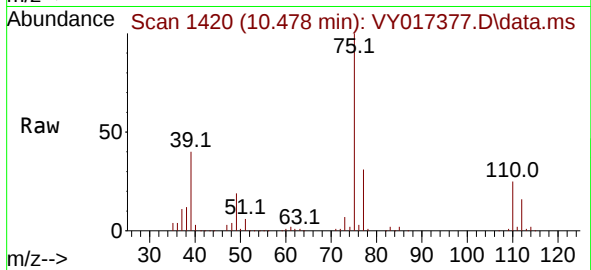
Tgt Ion: 92 Resp: 364532
Ion Ratio Lower Upper
92 100
91 172.5 137.6 206.4





#53
t-1,3-Dichloropropene
Concen: 104.745 ug/l
RT: 10.478 min Scan# 1420
Delta R.T. 0.000 min
Lab File: VY017377.D
Acq: 14 Feb 2024 12:11

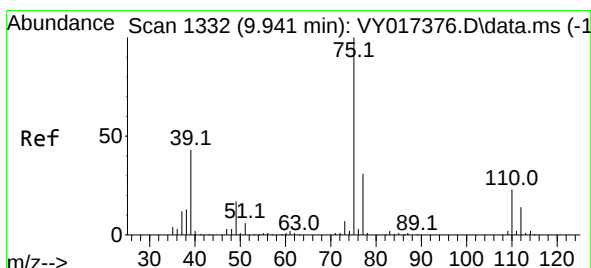
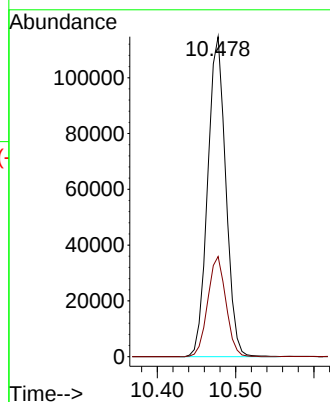
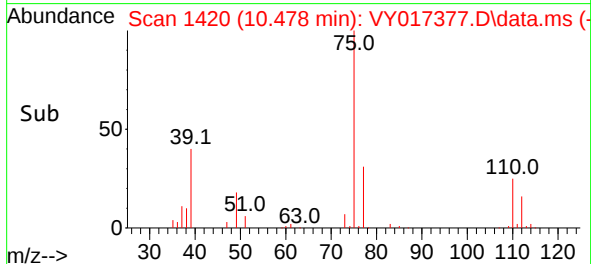
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100



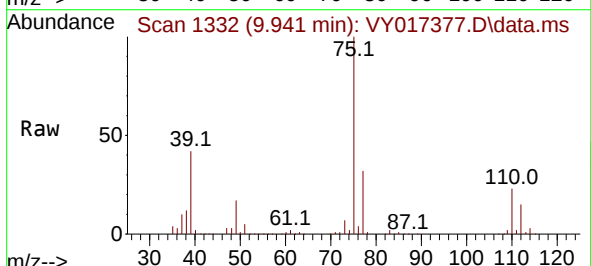
Tgt Ion: 75 Resp: 183760
Ion Ratio Lower Upper
75 100
77 31.3 24.6 36.8

Manual Integrations
APPROVED

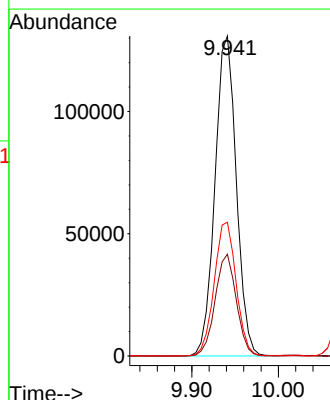
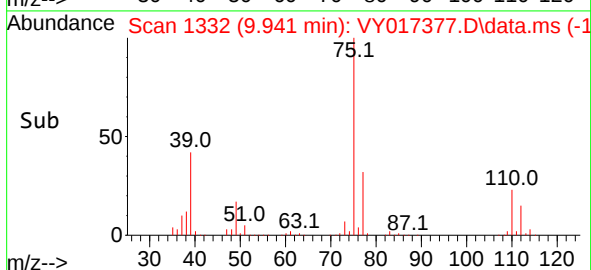
Reviewed By :Mahesh Dadoda 02/15/2024
Supervised By :Semsettin Yesilyurt 02/15/2024

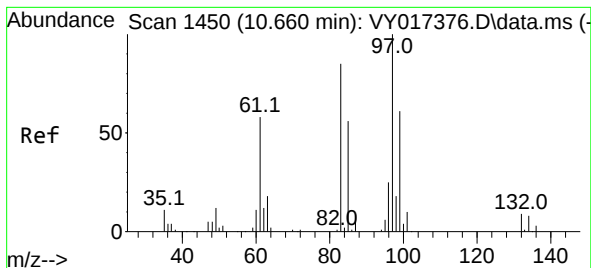


#54
cis-1,3-Dichloropropene
Concen: 104.185 ug/l
RT: 9.941 min Scan# 1332
Delta R.T. 0.000 min
Lab File: VY017377.D
Acq: 14 Feb 2024 12:11



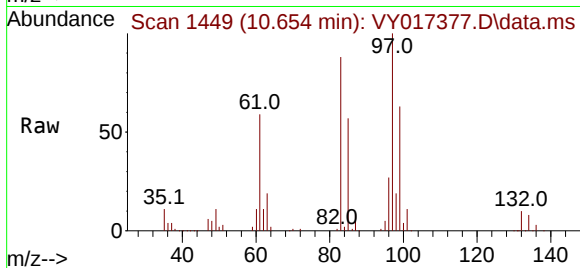
Tgt Ion: 75 Resp: 223755
Ion Ratio Lower Upper
75 100
77 31.8 24.6 36.8
39 41.8 33.6 50.4





#55
1,1,2-Trichloroethane
Concen: 100.441 ug/l
RT: 10.654 min Scan# 1449
Delta R.T. -0.006 min
Lab File: VY017377.D
Acq: 14 Feb 2024 12:11

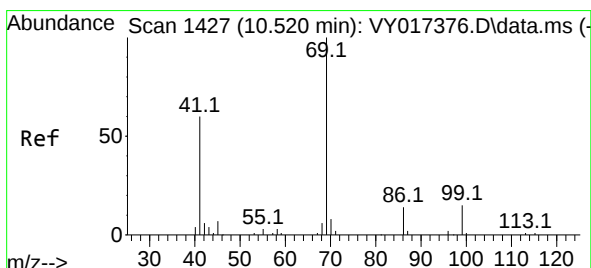
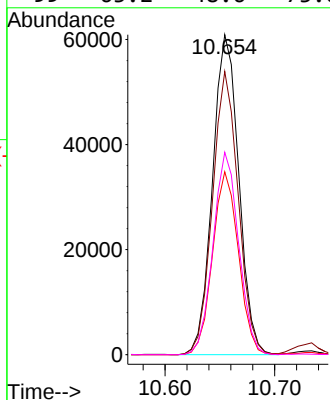
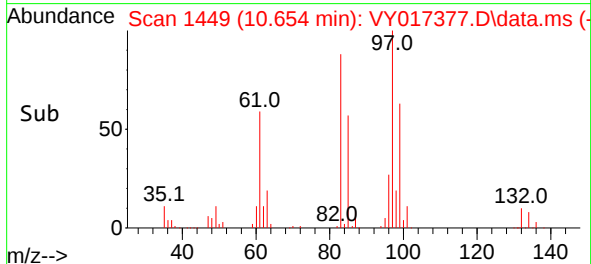
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100



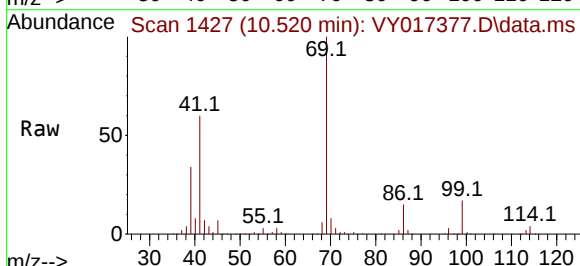
Tgt Ion:	97	Resp:	10142
Ion	Ratio	Lower	Upper
97	100		
83	88.5	69.4	104.2
85	57.1	43.9	65.9
99	63.2	48.6	73.0

Manual Integrations
APPROVED

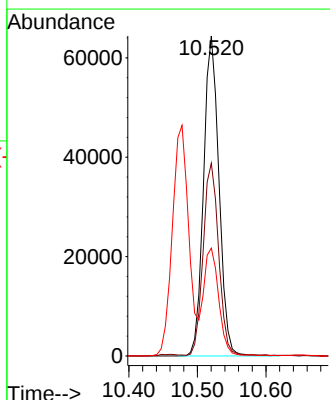
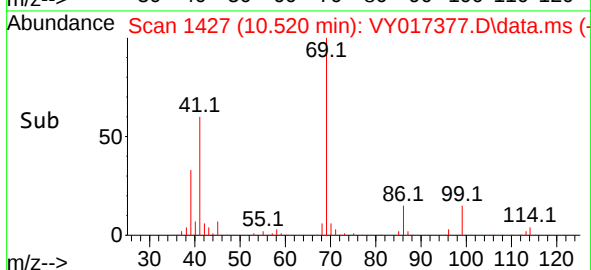
Reviewed By :Mahesh Dadoda 02/15/2024
Supervised By :Semsettin Yesilyurt 02/15/2024

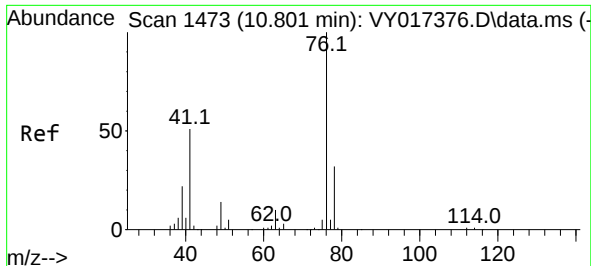


#56
Ethyl methacrylate
Concen: 98.222 ug/l
RT: 10.520 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VY017377.D
Acq: 14 Feb 2024 12:11



Tgt Ion:	69	Resp:	101092
Ion	Ratio	Lower	Upper
69	100		
41	59.9	49.2	73.8
39	32.0	26.8	40.2





#57

1,3-Dichloropropane

Concen: 101.775 ug/l

RT: 10.801 min Scan# 1473

Delta R.T. 0.000 min

Lab File: VY017377.D

Acq: 14 Feb 2024 12:11

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC100

Tgt Ion: 76 Resp: 177000

Ion Ratio Lower Upper

76 100

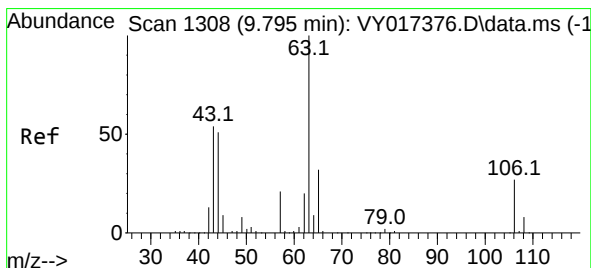
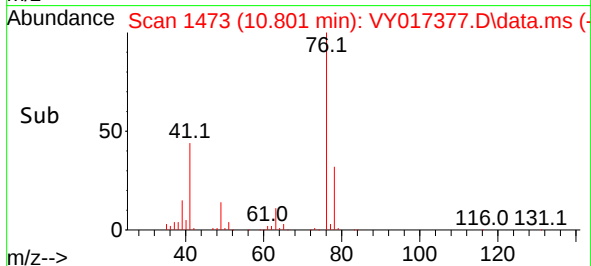
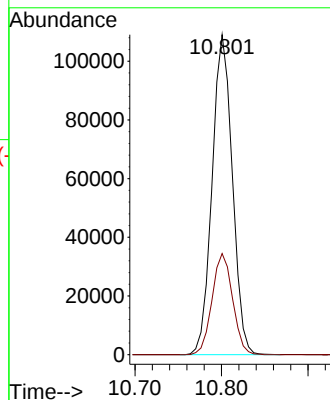
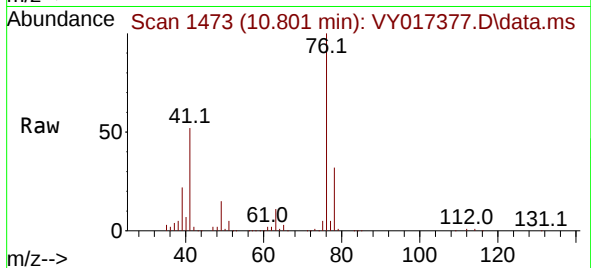
78 32.0 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/15/2024

Supervised By :Semsettin Yesilyurt 02/15/2024



#58

2-Chloroethyl Vinyl ether

Concen: 583.491 ug/l

RT: 9.795 min Scan# 1308

Delta R.T. 0.000 min

Lab File: VY017377.D

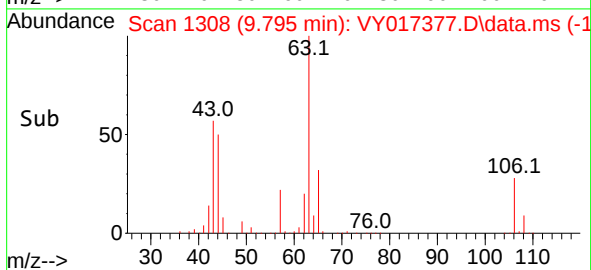
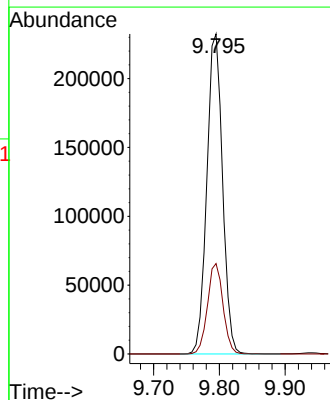
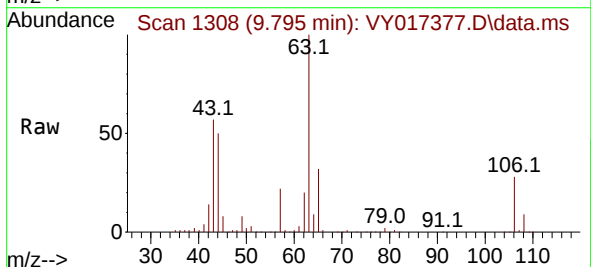
Acq: 14 Feb 2024 12:11

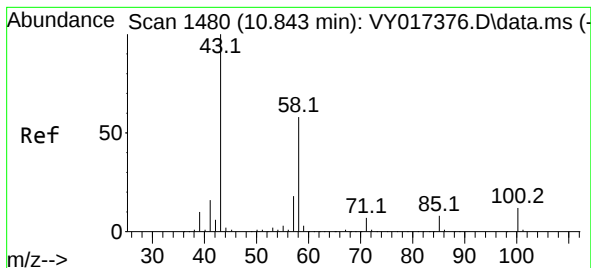
Tgt Ion: 63 Resp: 385163

Ion Ratio Lower Upper

63 100

106 28.0 22.4 33.6





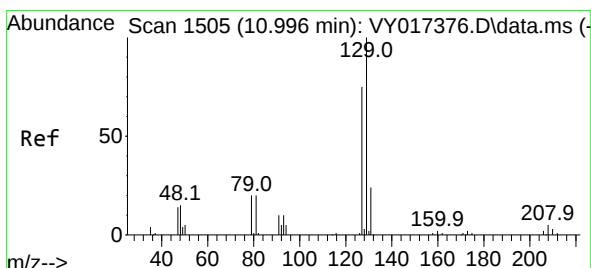
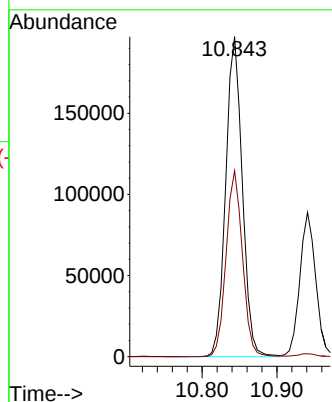
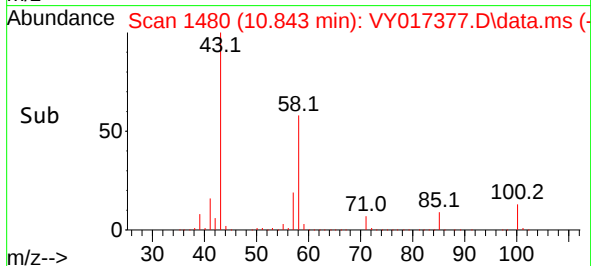
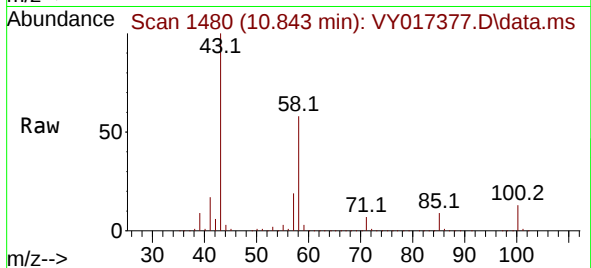
#59
2-Hexanone
Concen: 508.860 ug/l
RT: 10.843 min Scan# 1480
Delta R.T. 0.000 min
Lab File: VY017377.D
Acq: 14 Feb 2024 12:11

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

Tgt Ion: 43 Resp: 30448
Ion Ratio Lower Upper
43 100
58 57.4 28.1 84.3

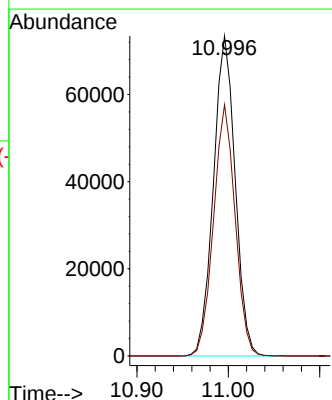
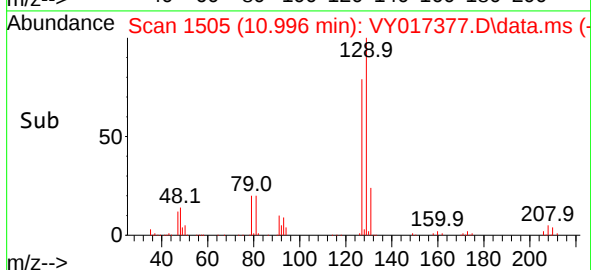
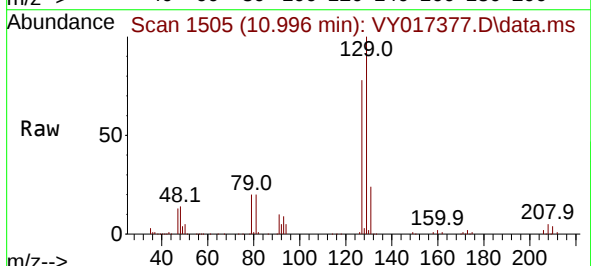
Manual Integrations
APPROVED

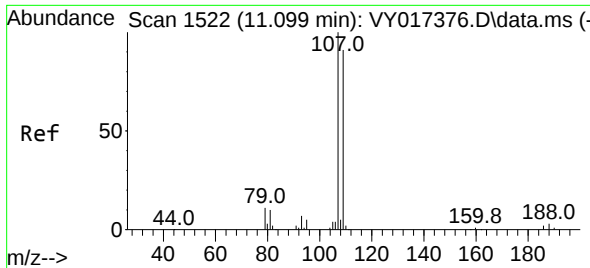
Reviewed By :Mahesh Dadoda 02/15/2024
Supervised By :Semsettin Yesilyurt 02/15/2024



#60
Dibromochloromethane
Concen: 103.478 ug/l
RT: 10.996 min Scan# 1505
Delta R.T. 0.000 min
Lab File: VY017377.D
Acq: 14 Feb 2024 12:11

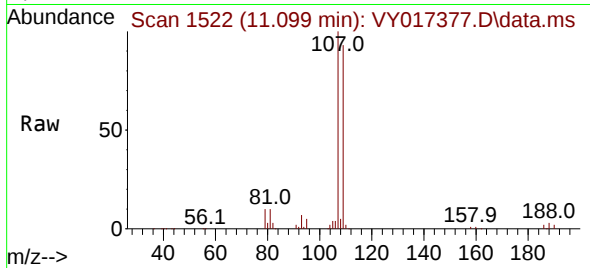
Tgt Ion:129 Resp: 121350
Ion Ratio Lower Upper
129 100
127 77.9 39.2 117.6





#61
1,2-Dibromoethane
Concen: 101.635 ug/l
RT: 11.099 min Scan# 1522
Delta R.T. 0.000 min
Lab File: VY017377.D
Acq: 14 Feb 2024 12:11

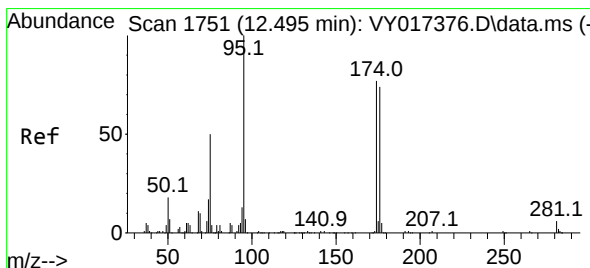
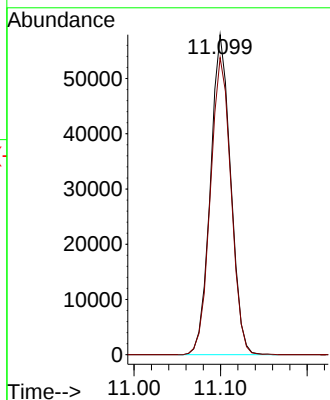
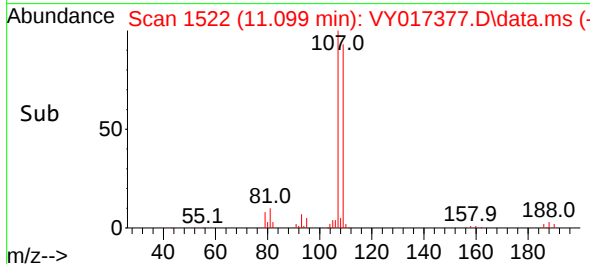
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100



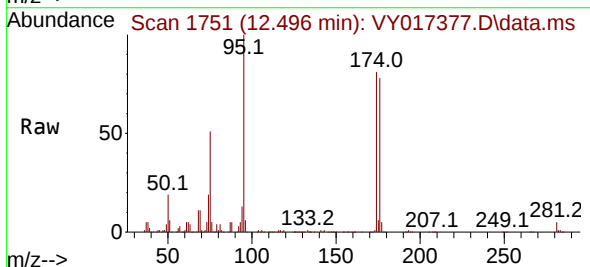
Tgt Ion:107 Resp: 9411
Ion Ratio Lower Upper
107 100
109 94.5 75.4 113.2

Manual Integrations
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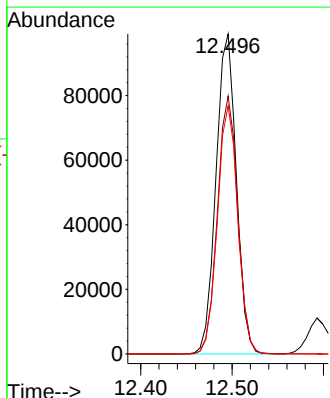
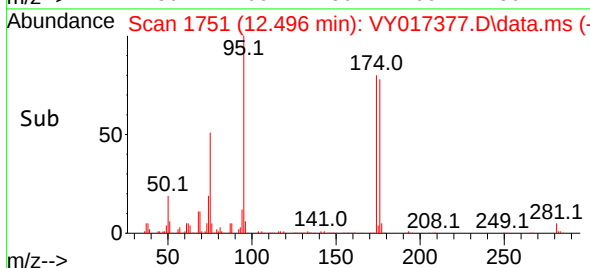
Reviewed By :Mahesh Dadoda 02/15/2024
Supervised By :Semsettin Yesilyurt 02/15/2024

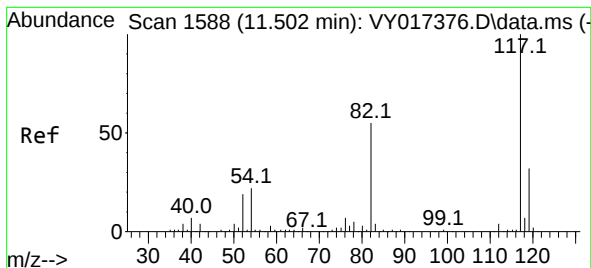


#62
4-Bromofluorobenzene
Concen: 100.353 ug/l
RT: 12.496 min Scan# 1751
Delta R.T. 0.000 min
Lab File: VY017377.D
Acq: 14 Feb 2024 12:11



Tgt Ion: 95 Resp: 153206
Ion Ratio Lower Upper
95 100
174 80.7 0.0 160.0
176 77.4 0.0 151.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.502 min Scan# 1158

Delta R.T. 0.000 min

Lab File: VY017377.D

Acq: 14 Feb 2024 12:11

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC100

Tgt Ion:117 Resp: 173089

Ion Ratio Lower Upper

117 100

82 54.1 43.8 65.8

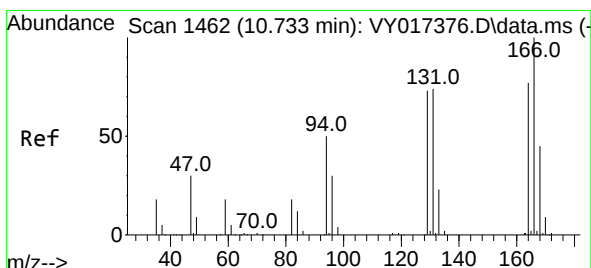
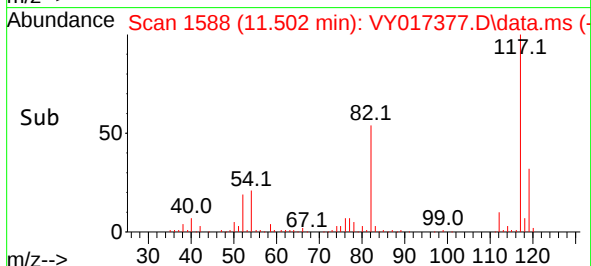
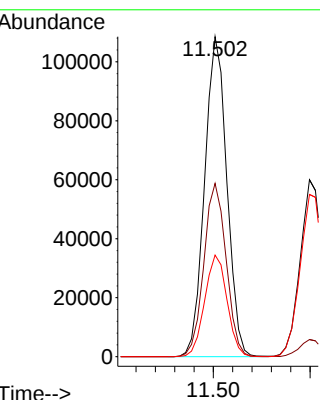
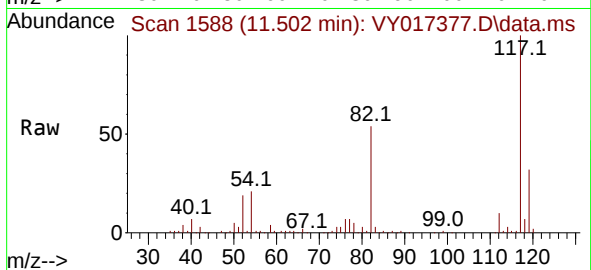
119 31.7 26.5 39.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/15/2024

Supervised By :Semsettin Yesilyurt 02/15/2024



#64

Tetrachloroethene

Concen: 100.579 ug/l

RT: 10.734 min Scan# 1462

Delta R.T. 0.000 min

Lab File: VY017377.D

Acq: 14 Feb 2024 12:11

Tgt Ion:164 Resp: 128714

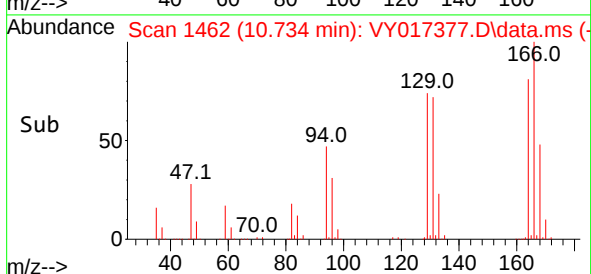
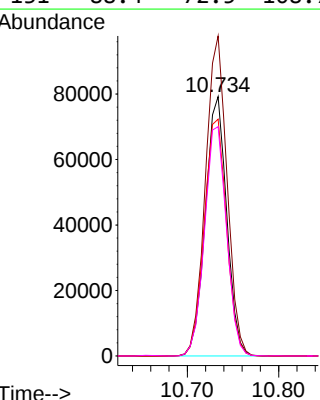
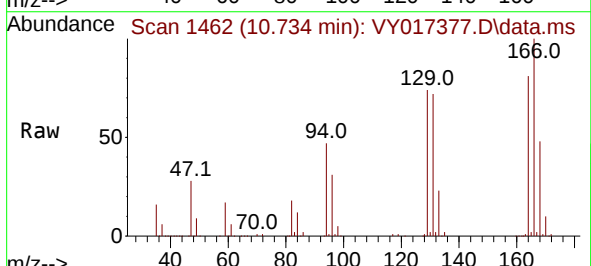
Ion Ratio Lower Upper

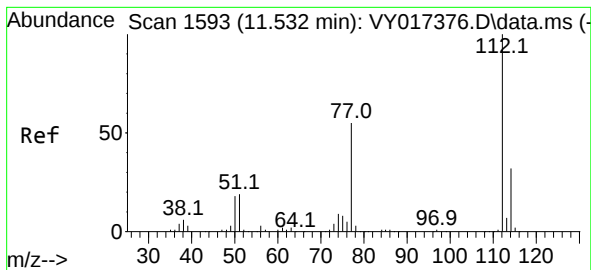
164 100

166 123.4 98.8 148.2

129 91.3 78.9 118.3

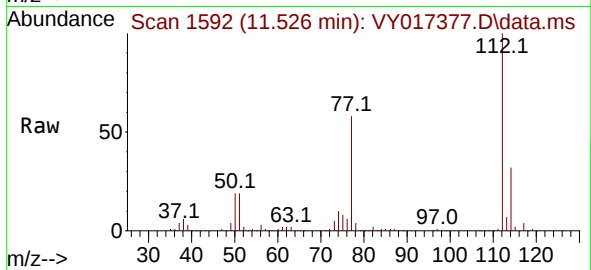
131 88.4 72.5 108.7





#65
Chlorobenzene
Concen: 100.181 ug/l
RT: 11.526 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY017377.D
Acq: 14 Feb 2024 12:11

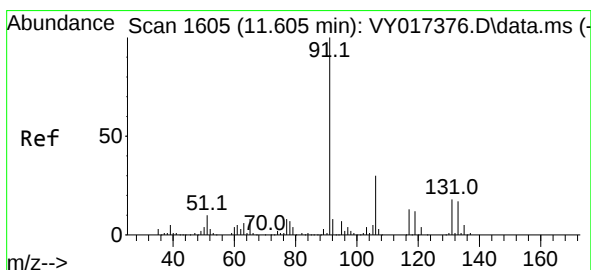
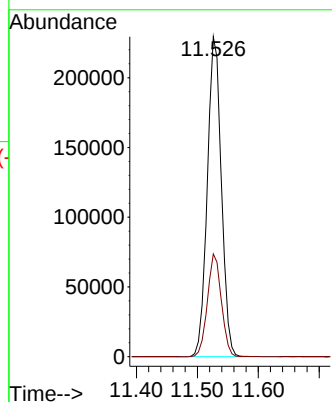
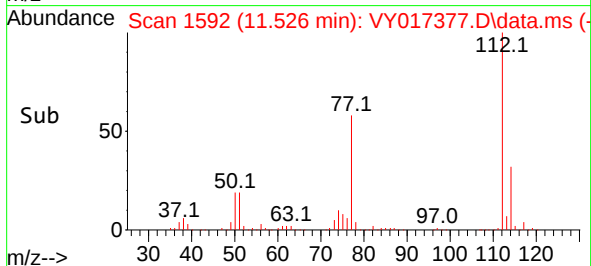
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100



Tgt Ion:112 Resp: 367630
Ion Ratio Lower Upper
112 100
114 32.1 26.1 39.1

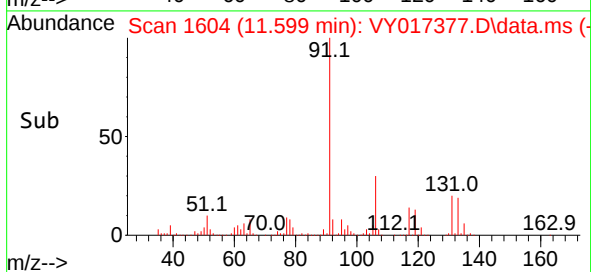
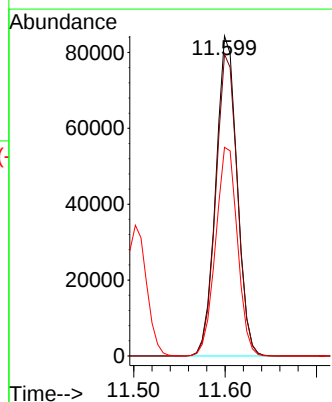
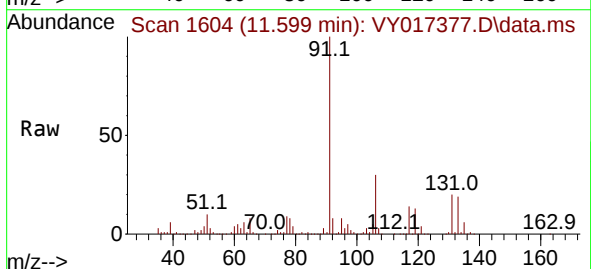
Manual Integrations
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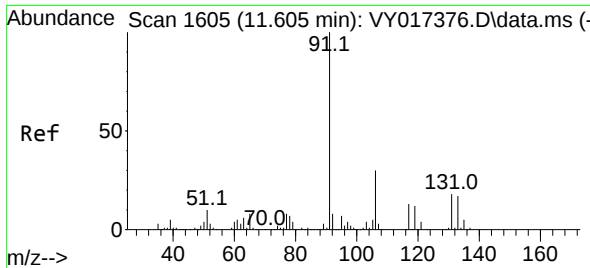
Reviewed By :Mahesh Dadoda 02/15/2024
Supervised By :Semsettin Yesilyurt 02/15/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 103.411 ug/l
RT: 11.599 min Scan# 1604
Delta R.T. -0.006 min
Lab File: VY017377.D
Acq: 14 Feb 2024 12:11

Tgt Ion:131 Resp: 136500
Ion Ratio Lower Upper
131 100
133 95.6 47.0 141.0
119 67.0 33.3 99.9





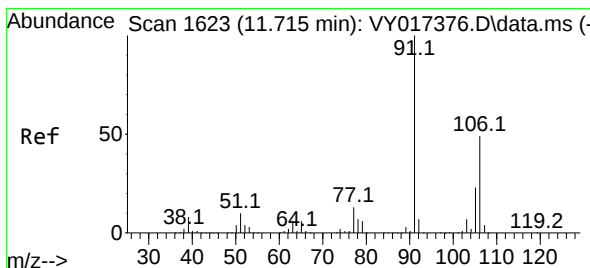
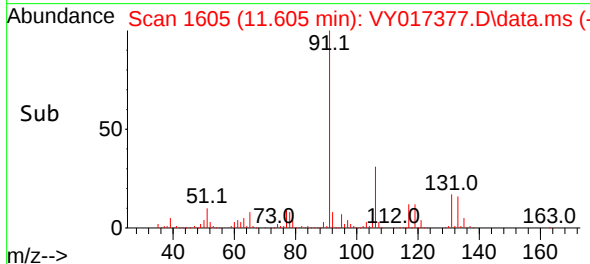
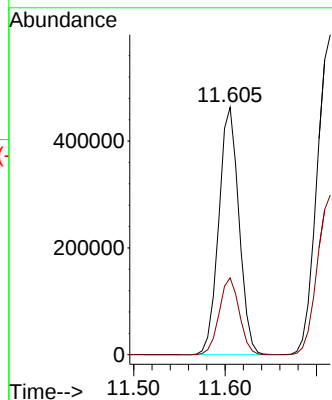
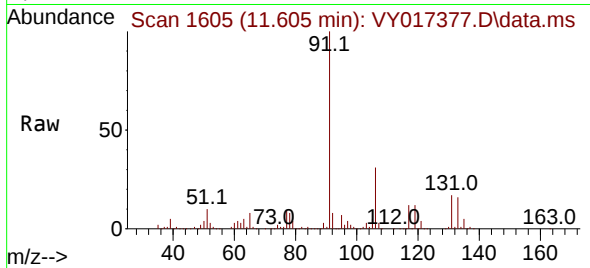
#67
Ethyl Benzene
Concen: 105.223 ug/l
RT: 11.605 min Scan# 1605
Delta R.T. 0.000 min
Lab File: VY017377.D
Acq: 14 Feb 2024 12:11

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Tgt Ion: 91 Resp: 711235
Ion Ratio Lower Upper
91 100
106 31.1 25.0 37.4

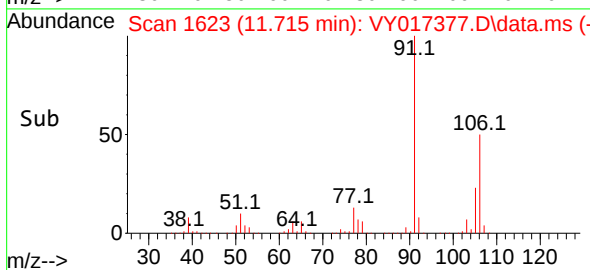
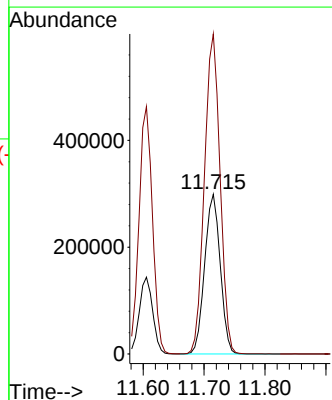
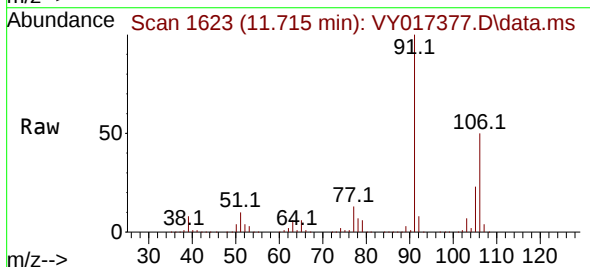
Manual Integrations
APPROVED

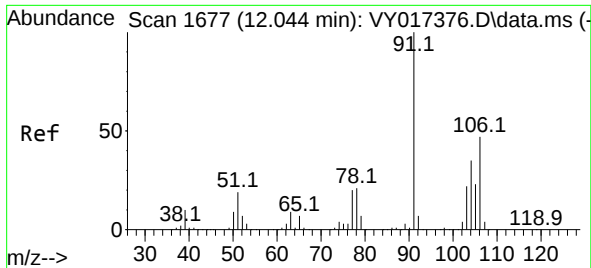
Reviewed By :Mahesh Dadoda 02/15/2024
Supervised By :Semsettin Yesilyurt 02/15/2024



#68
m/p-Xylenes
Concen: 208.445 ug/l
RT: 11.715 min Scan# 1623
Delta R.T. 0.000 min
Lab File: VY017377.D
Acq: 14 Feb 2024 12:11

Tgt Ion:106 Resp: 531229
Ion Ratio Lower Upper
106 100
91 201.2 160.7 241.1





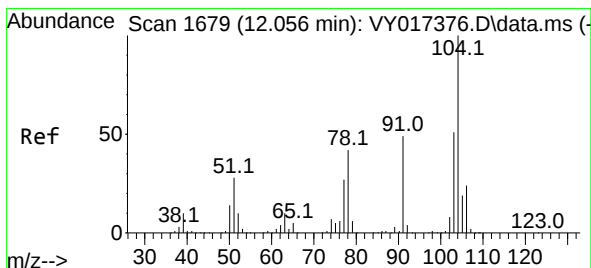
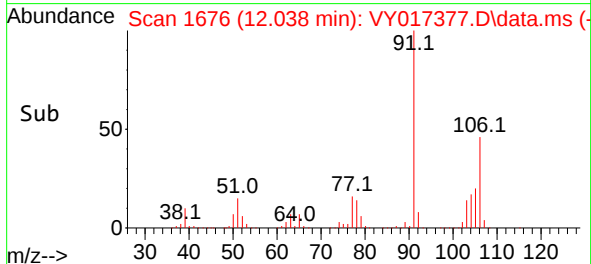
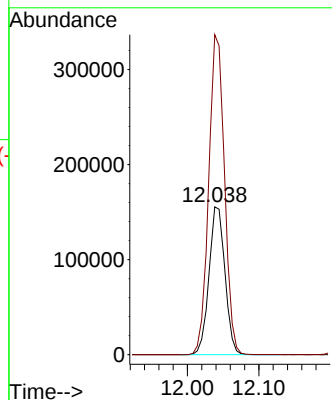
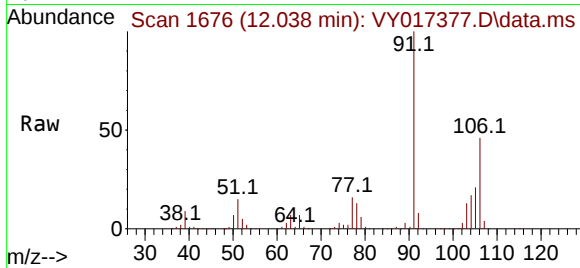
#69
o-Xylene
Concen: 104.603 ug/l
RT: 12.038 min Scan# 1676
Delta R.T. -0.006 min
Lab File: VY017377.D
Acq: 14 Feb 2024 12:11

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

Tgt Ion:106 Resp: 24116
Ion Ratio Lower Upper
106 100
91 214.2 106.5 319.5

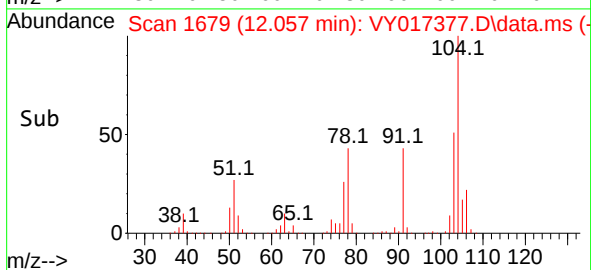
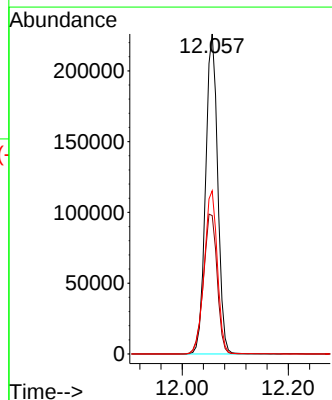
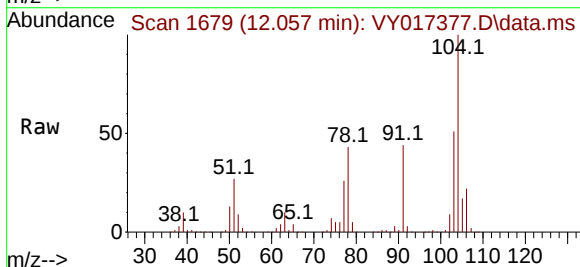
Manual Integrations
APPROVED

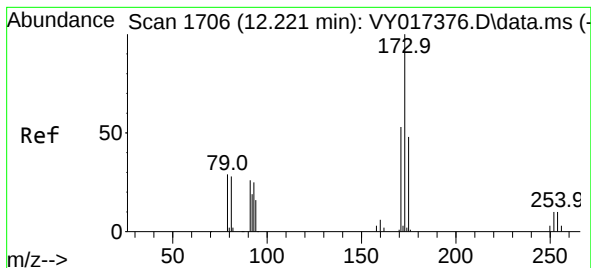
Reviewed By :Mahesh Dadoda 02/15/2024
Supervised By :Semsettin Yesilyurt 02/15/2024



#70
Styrene
Concen: 101.045 ug/l
RT: 12.057 min Scan# 1679
Delta R.T. 0.000 min
Lab File: VY017377.D
Acq: 14 Feb 2024 12:11

Tgt Ion:104 Resp: 357403
Ion Ratio Lower Upper
104 100
78 49.2 39.2 58.8
103 55.2 43.8 65.6





#71

Bromoform

Concen: 106.261 ug/l

RT: 12.221 min Scan# 1706

Delta R.T. 0.000 min

Lab File: VY017377.D

Acq: 14 Feb 2024 12:11

Instrument :

MSVOA_Y

ClientSampleId :

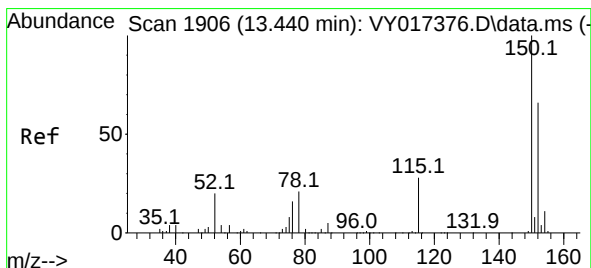
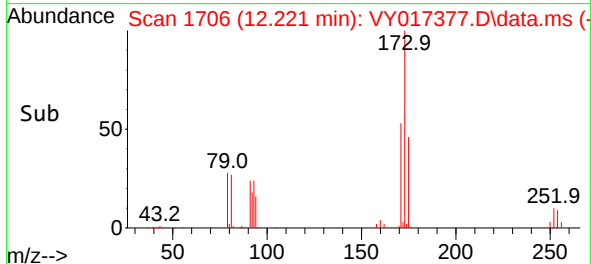
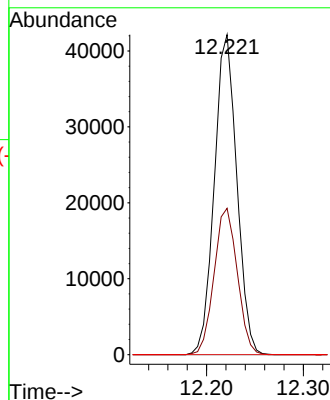
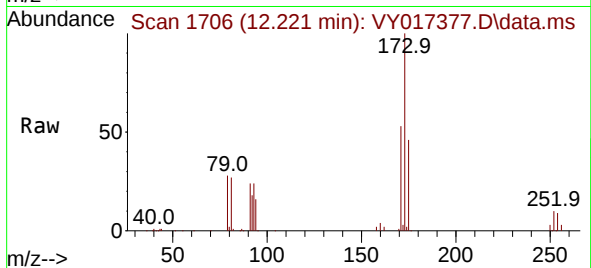
VSTDICC100

Tgt Ion:173 Resp: 68002
 Ion Ratio Lower Upper
 173 100
 175 47.3 23.5 70.6
 254 0.0 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/15/2024
 Supervised By :Semsettin Yesilyurt 02/15/2024



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

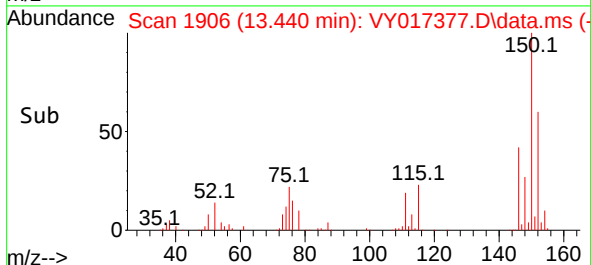
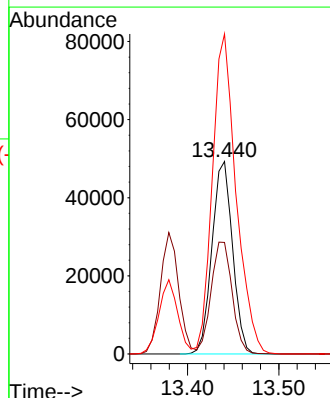
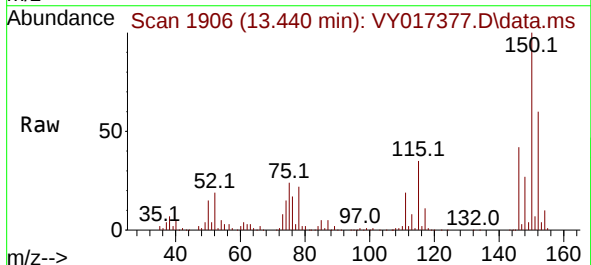
RT: 13.440 min Scan# 1906

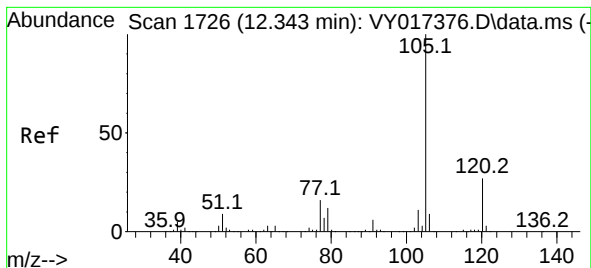
Delta R.T. 0.000 min

Lab File: VY017377.D

Acq: 14 Feb 2024 12:11

Tgt Ion:152 Resp: 77211
 Ion Ratio Lower Upper
 152 100
 115 59.2 30.0 90.0
 150 191.4 0.0 344.6





#73

Isopropylbenzene

Concen: 101.343 ug/l

RT: 12.343 min Scan# 1726

Delta R.T. 0.000 min

Lab File: VY017377.D

Acq: 14 Feb 2024 12:11

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

Tgt Ion:105 Resp: 65208

Ion Ratio Lower Upper

105 100

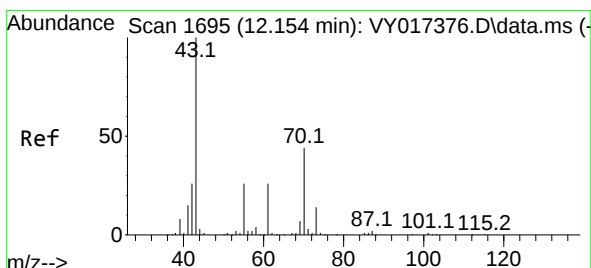
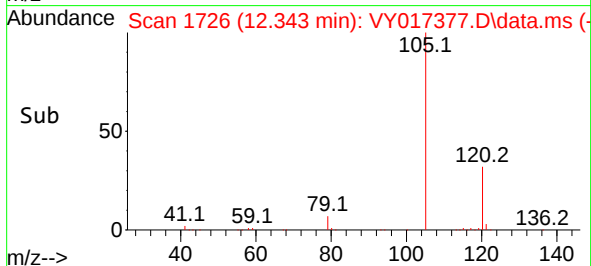
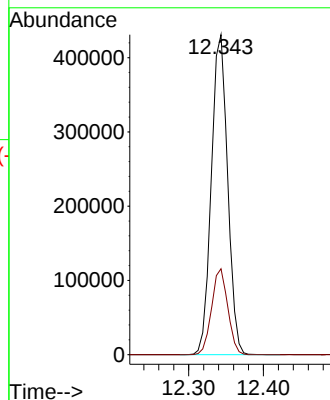
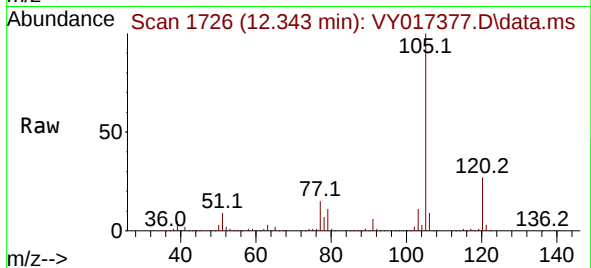
120 26.6 13.0 39.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/15/2024

Supervised By :Semsettin Yesilyurt 02/15/2024



#74

N-ethyl acetate

Concen: 105.926 ug/l

RT: 12.154 min Scan# 1695

Delta R.T. 0.000 min

Lab File: VY017377.D

Acq: 14 Feb 2024 12:11

Tgt Ion: 43 Resp: 134758

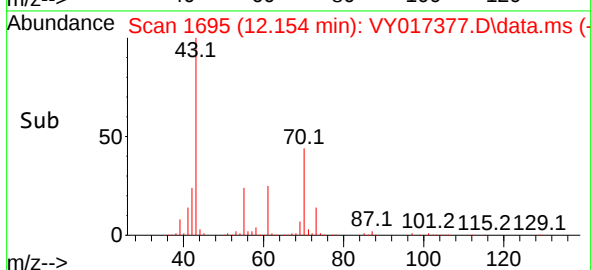
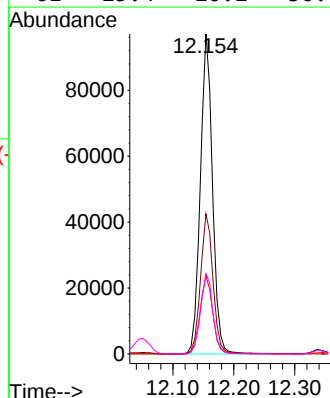
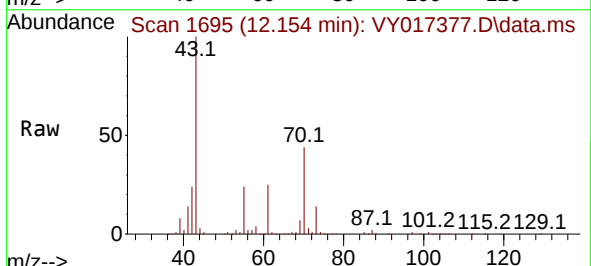
Ion Ratio Lower Upper

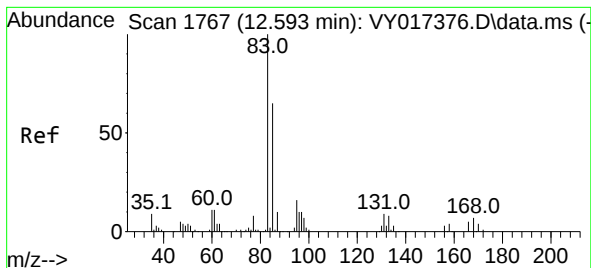
43 100

70 44.9 36.6 55.0

55 25.5 22.2 33.4

61 25.4 20.2 30.4





#75

1,1,2,2-Tetrachloroethane

Concen: 97.640 ug/l

RT: 12.593 min Scan# 1767

Delta R.T. 0.000 min

Lab File: VY017377.D

Acq: 14 Feb 2024 12:11

Instrument :

MSVOA_Y

ClientSampleId :

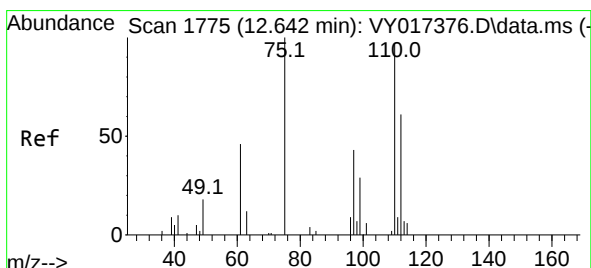
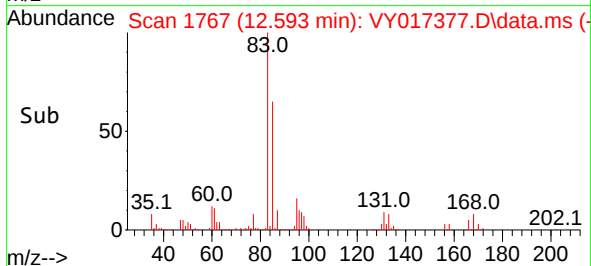
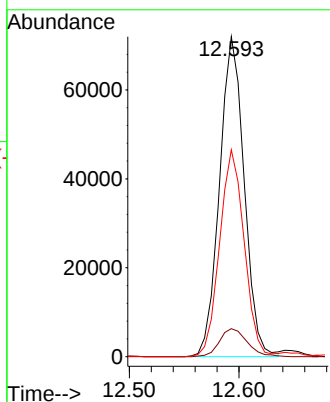
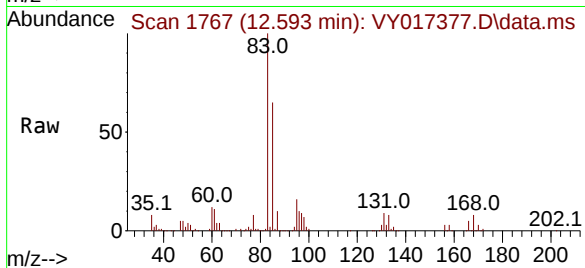
VSTDICC100

Tgt Ion:	83	Resp:	11259
Ion Ratio	Lower	Upper	
83	100		
131	9.8	4.9	14.6
85	64.2	32.6	98.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/15/2024
Supervised By :Semsettin Yesilyurt 02/15/2024



#76

1,2,3-Trichloropropane

Concen: 99.435 ug/l m

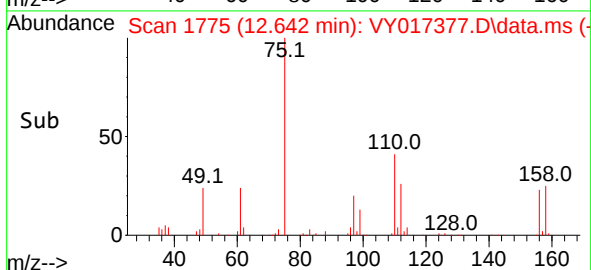
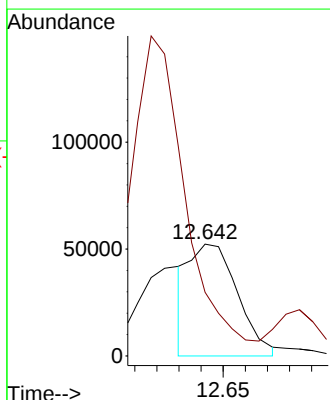
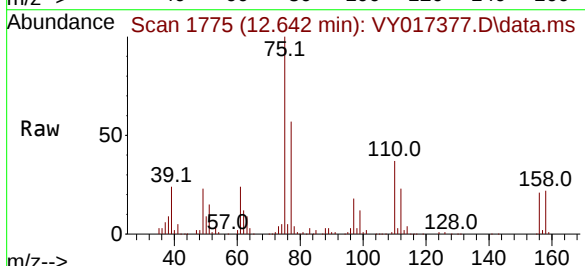
RT: 12.642 min Scan# 1775

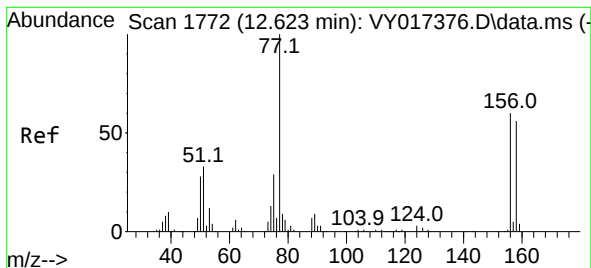
Delta R.T. 0.000 min

Lab File: VY017377.D

Acq: 14 Feb 2024 12:11

Tgt Ion:	75	Resp:	79210
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 101.184 ug/l

RT: 12.624 min Scan# 1772

Delta R.T. 0.000 min

Lab File: VY017377.D

Acq: 14 Feb 2024 12:11

Instrument :

MSVOA_Y

ClientSampleId :

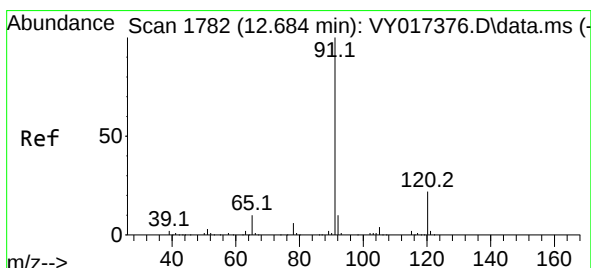
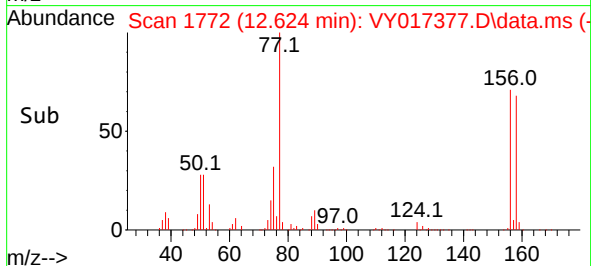
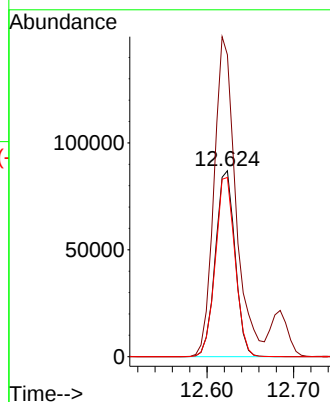
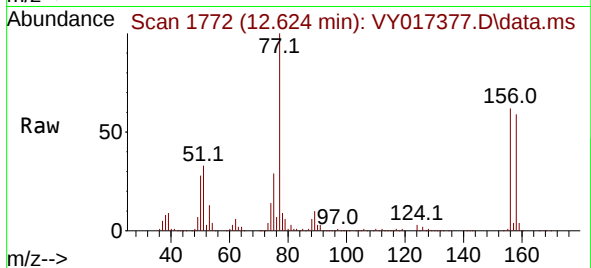
VSTDIC100

Tgt Ion:	156	Resp:	137108
Ion Ratio	Lower	Upper	
156	100		
77	190.5	97.3	291.8
158	97.0	48.4	145.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/15/2024
Supervised By :Semsettin Yesilyurt 02/15/2024



#78

n-propylbenzene

Concen: 99.854 ug/l

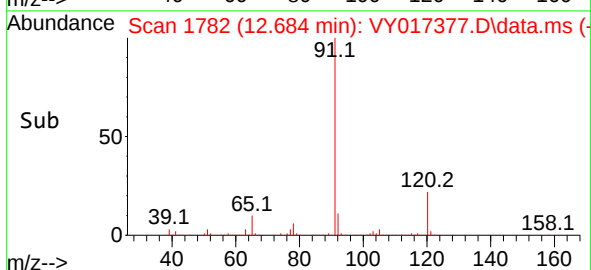
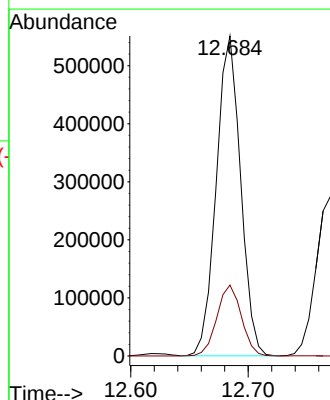
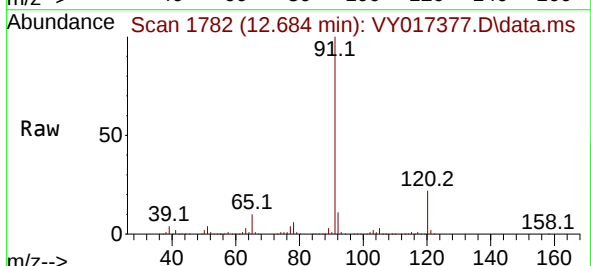
RT: 12.684 min Scan# 1782

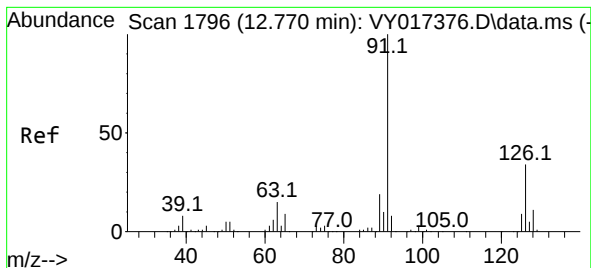
Delta R.T. 0.000 min

Lab File: VY017377.D

Acq: 14 Feb 2024 12:11

Tgt Ion:	91	Resp:	790998
Ion Ratio	Lower	Upper	
91	100		
120	22.4	11.0	33.0





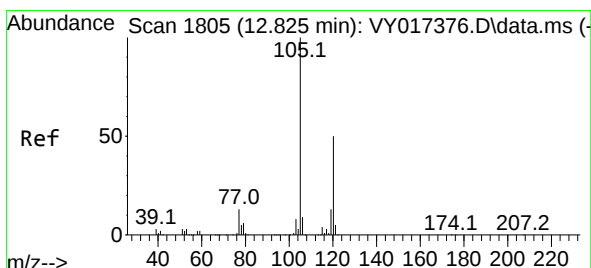
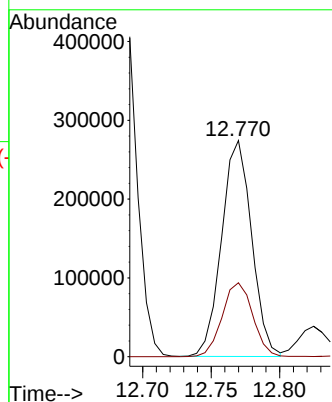
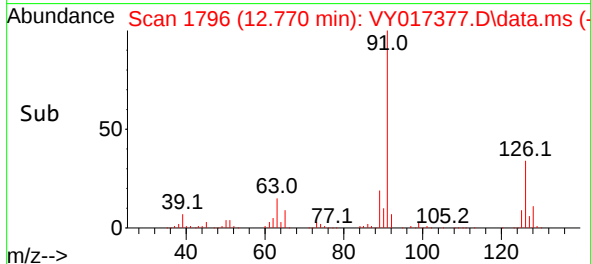
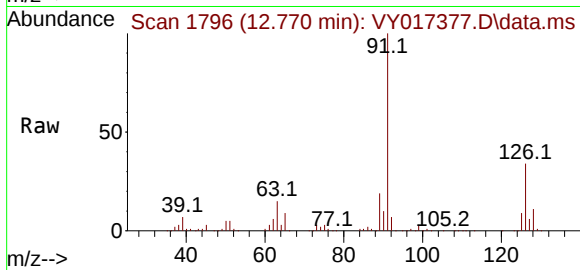
#79
2-Chlorotoluene
Concen: 96.956 ug/l
RT: 12.770 min Scan# 1796
Delta R.T. 0.000 min
Lab File: VY017377.D
Acq: 14 Feb 2024 12:11

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Tgt Ion: 91 Resp: 41911
Ion Ratio Lower Upper
91 100
126 34.8 17.0 51.0

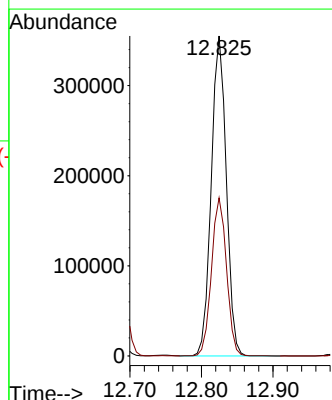
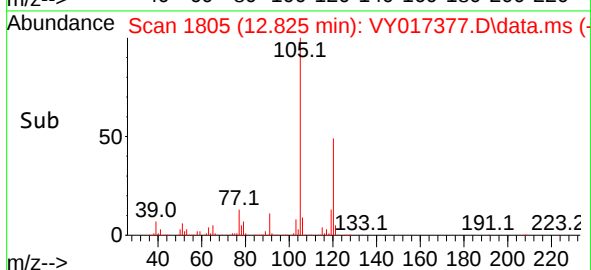
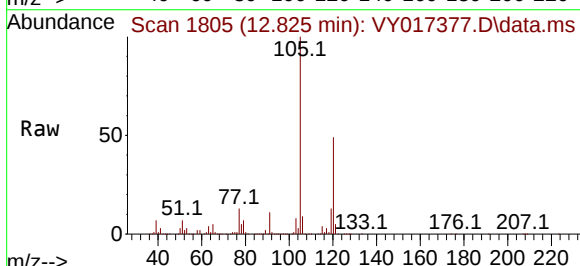
Manual Integrations
APPROVED

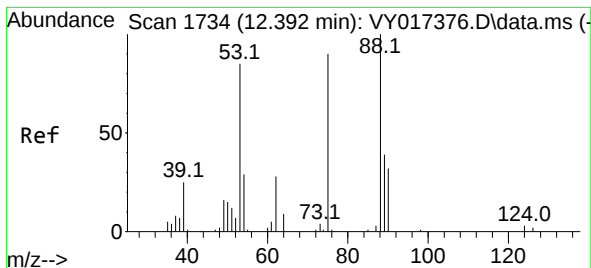
Reviewed By :Mahesh Dadoda 02/15/2024
Supervised By :Semsettin Yesilyurt 02/15/2024



#80
1,3,5-Trimethylbenzene
Concen: 102.279 ug/l
RT: 12.825 min Scan# 1805
Delta R.T. 0.000 min
Lab File: VY017377.D
Acq: 14 Feb 2024 12:11

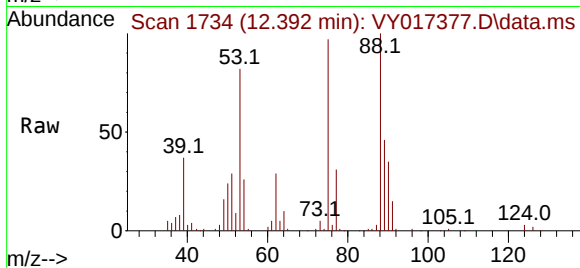
Tgt Ion:105 Resp: 517205
Ion Ratio Lower Upper
105 100
120 49.5 24.3 72.8





#81
trans-1,4-Dichloro-2-butene
Concen: 102.548 ug/l
RT: 12.392 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY017377.D
Acq: 14 Feb 2024 12:11

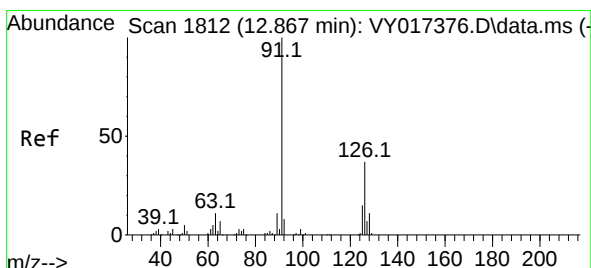
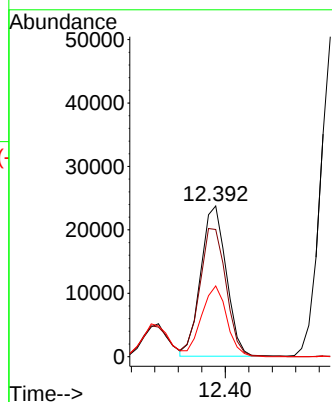
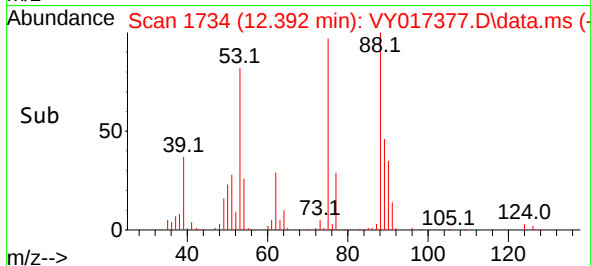
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100



Tgt Ion: 75 Resp: 3573
Ion Ratio Lower Upper
75 100
53 88.6 74.0 111.0
89 47.0 36.5 54.7

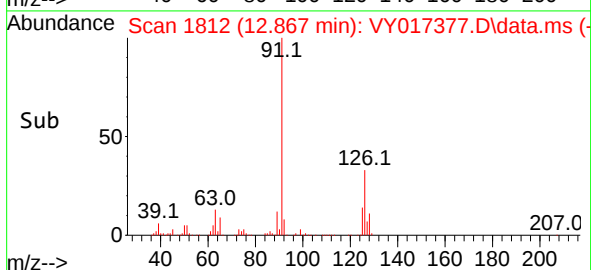
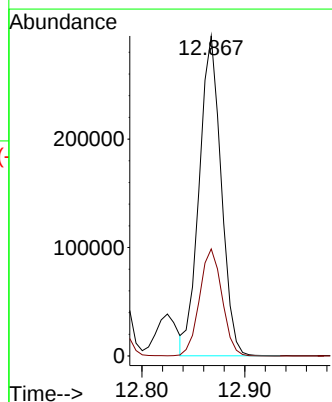
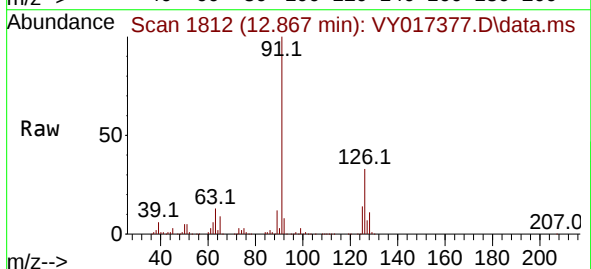
Manual Integrations
APPROVED

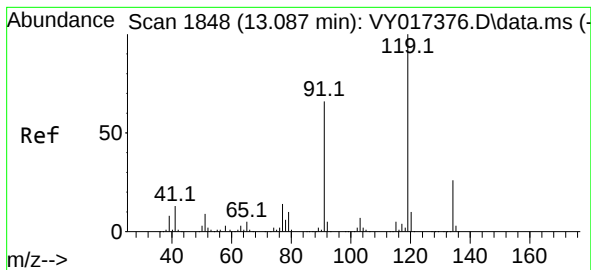
Reviewed By :Mahesh Dadoda 02/15/2024
Supervised By :Semsettin Yesilyurt 02/15/2024



#82
4-Chlorotoluene
Concen: 98.253 ug/l
RT: 12.867 min Scan# 1812
Delta R.T. 0.000 min
Lab File: VY017377.D
Acq: 14 Feb 2024 12:11

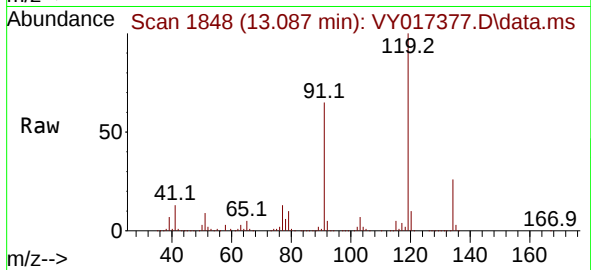
Tgt Ion: 91 Resp: 437226
Ion Ratio Lower Upper
91 100
126 34.4 17.1 51.2





#83
tert-Butylbenzene
Concen: 101.545 ug/l
RT: 13.087 min Scan# 1848
Delta R.T. 0.000 min
Lab File: VY017377.D
Acq: 14 Feb 2024 12:11

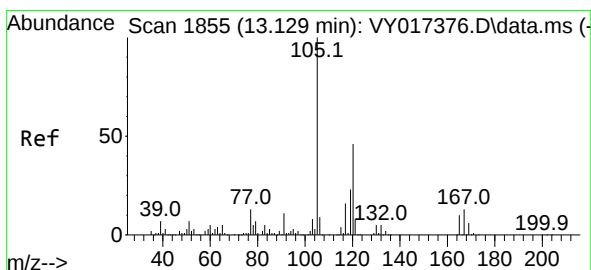
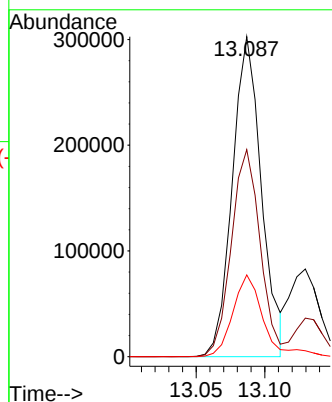
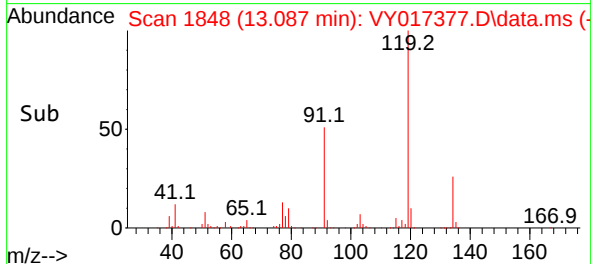
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100



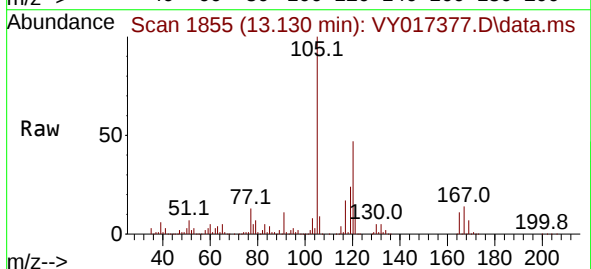
Tgt Ion:119 Resp: 448440
Ion Ratio Lower Upper
119 100
91 64.0 31.5 94.5
134 26.7 13.1 39.3

Manual Integrations
APPROVED

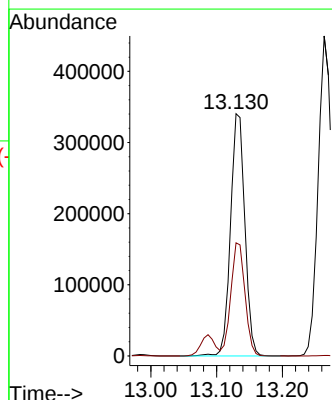
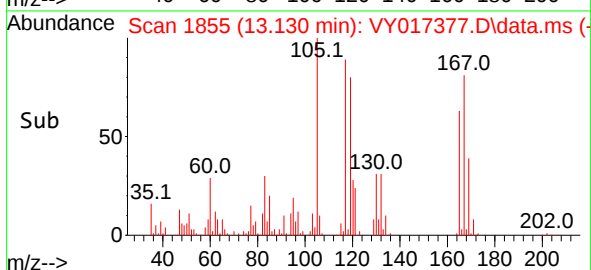
Reviewed By :Mahesh Dadoda 02/15/2024
Supervised By :Semsettin Yesilyurt 02/15/2024

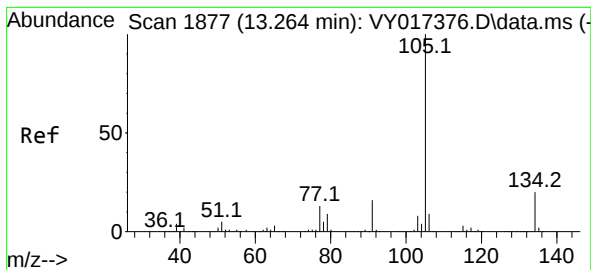


#84
1,2,4-Trimethylbenzene
Concen: 103.382 ug/l
RT: 13.130 min Scan# 1855
Delta R.T. 0.000 min
Lab File: VY017377.D
Acq: 14 Feb 2024 12:11



Tgt Ion:105 Resp: 516072
Ion Ratio Lower Upper
105 100
120 46.0 22.1 66.3





#85

sec-Butylbenzene

Concen: 97.864 ug/l

RT: 13.264 min Scan# 1877

Delta R.T. 0.000 min

Lab File: VY017377.D

Acq: 14 Feb 2024 12:11

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC100

Tgt Ion:105 Resp: 65946

Ion Ratio Lower Upper

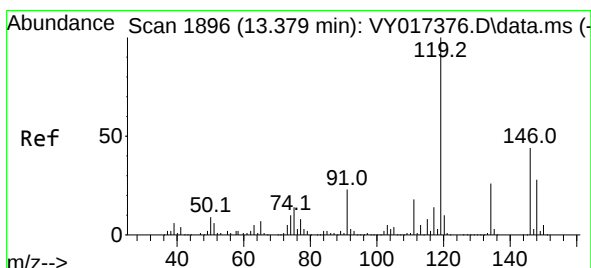
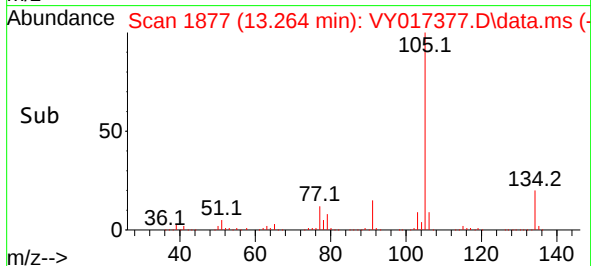
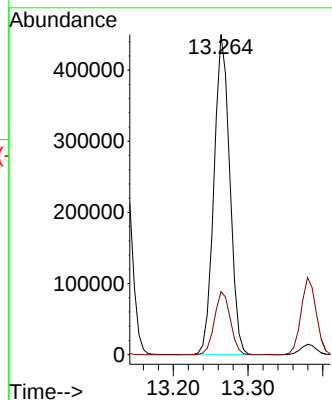
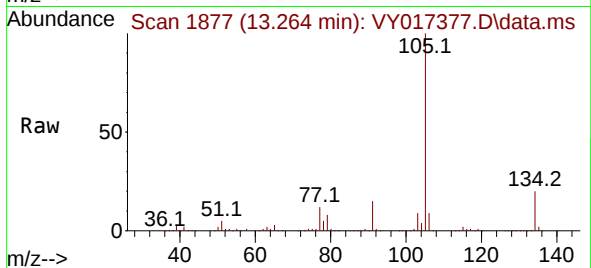
105 100

134 19.8 9.7 28.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/15/2024
Supervised By :Semsettin Yesilyurt 02/15/2024



#86

p-Isopropyltoluene

Concen: 103.790 ug/l

RT: 13.379 min Scan# 1896

Delta R.T. 0.000 min

Lab File: VY017377.D

Acq: 14 Feb 2024 12:11

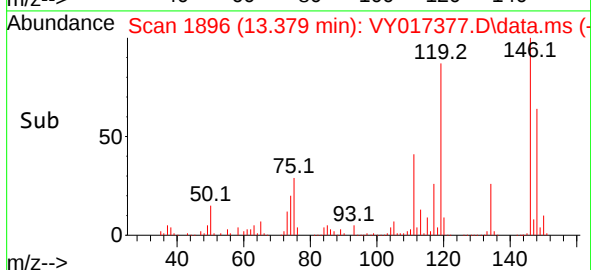
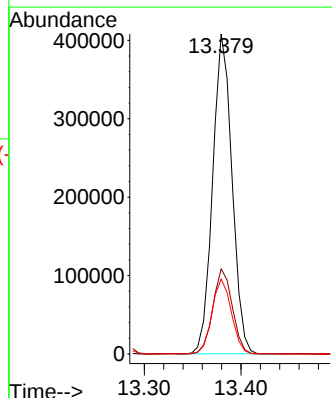
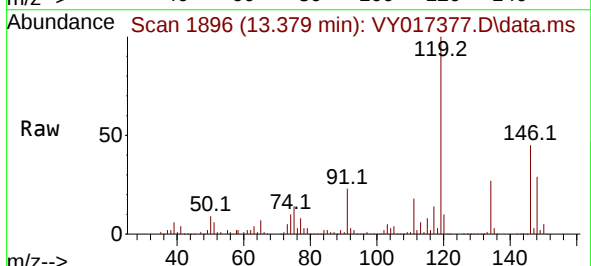
Tgt Ion:119 Resp: 565953

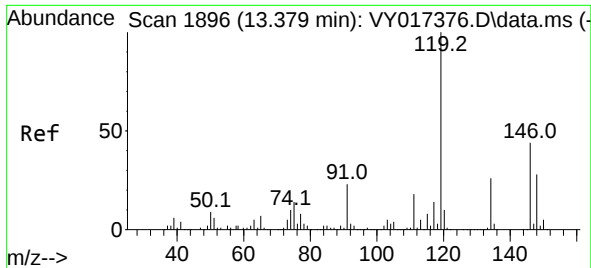
Ion Ratio Lower Upper

119 100

134 26.7 13.1 39.1

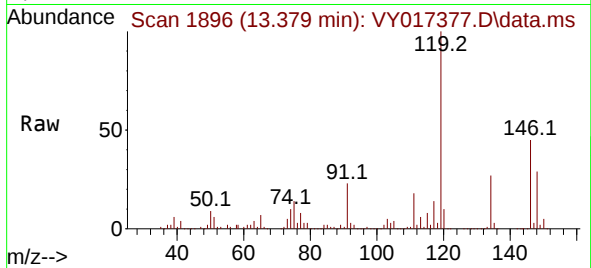
91 23.5 11.7 35.0





#87
1,3-Dichlorobenzene
Concen: 99.574 ug/l
RT: 13.379 min Scan# 1896
Delta R.T. 0.000 min
Lab File: VY017377.D
Acq: 14 Feb 2024 12:11

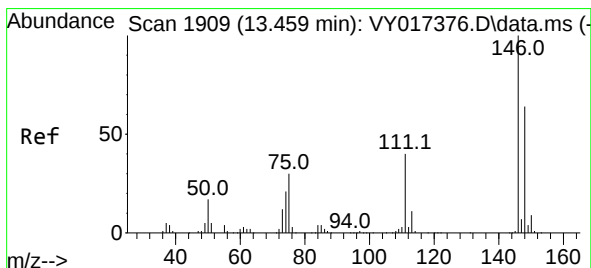
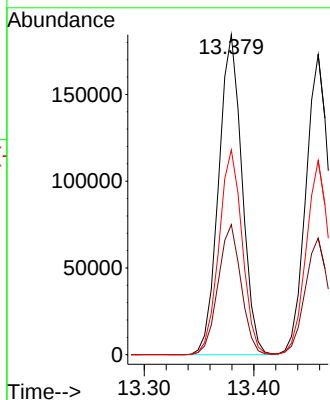
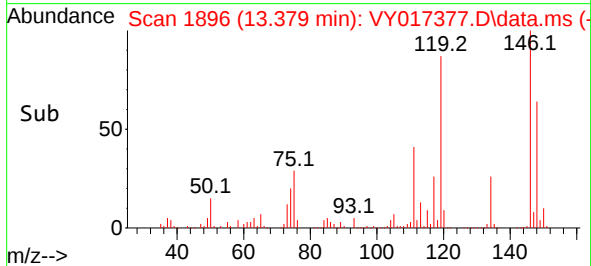
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100



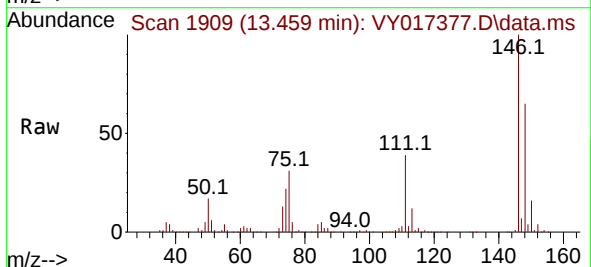
Tgt Ion:146 Resp: 273078
Ion Ratio Lower Upper
146 100
111 40.0 20.2 60.5
148 63.7 31.9 95.9

Manual Integrations
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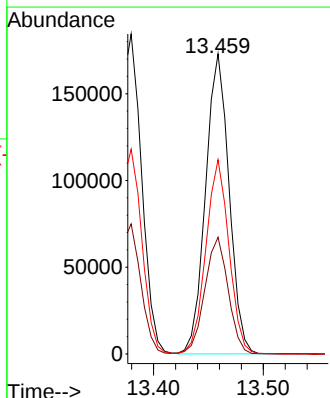
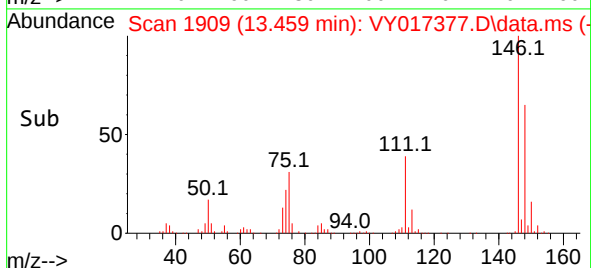
Reviewed By :Mahesh Dadoda 02/15/2024
Supervised By :Semsettin Yesilyurt 02/15/2024

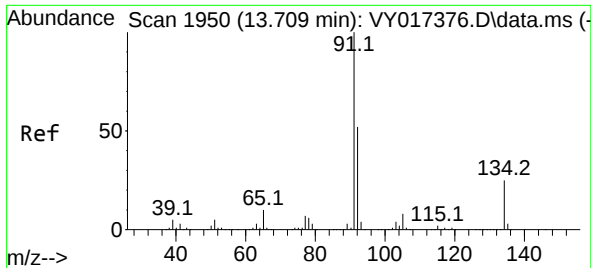


#88
1,4-Dichlorobenzene
Concen: 96.558 ug/l
RT: 13.459 min Scan# 1909
Delta R.T. 0.000 min
Lab File: VY017377.D
Acq: 14 Feb 2024 12:11



Tgt Ion:146 Resp: 257591
Ion Ratio Lower Upper
146 100
111 38.6 19.3 57.9
148 63.8 31.6 94.7





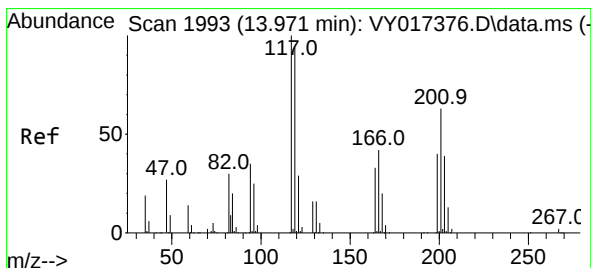
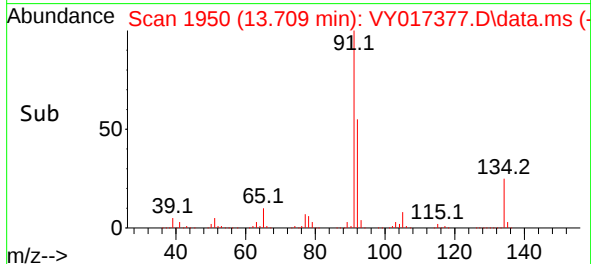
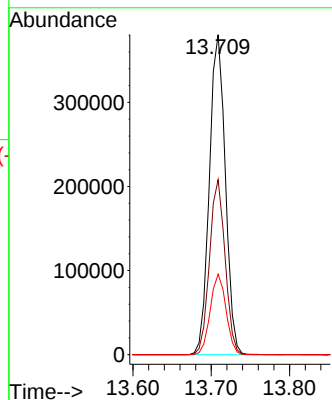
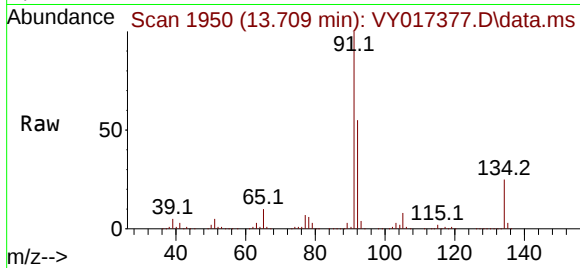
#89
n-Butylbenzene
Concen: 101.548 ug/l
RT: 13.709 min Scan# 1950
Delta R.T. 0.000 min
Lab File: VY017377.D
Acq: 14 Feb 2024 12:11

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Tgt Ion: 91 Resp: 537869
Ion Ratio Lower Upper
91 100
92 53.4 26.4 79.2
134 24.9 12.3 36.8

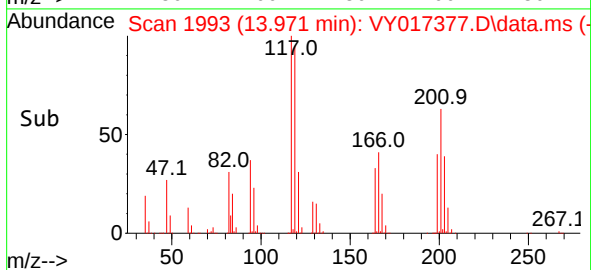
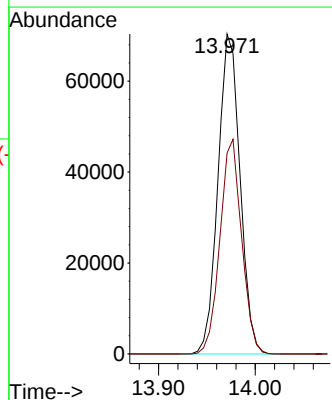
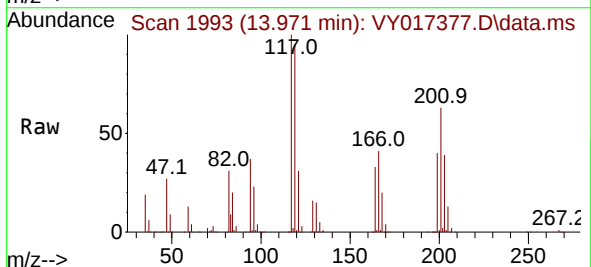
Manual Integrations
APPROVED

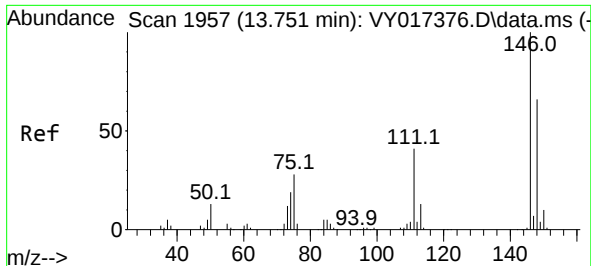
Reviewed By :Mahesh Dadoda 02/15/2024
Supervised By :Semsettin Yesilyurt 02/15/2024



#90
Hexachloroethane
Concen: 98.460 ug/l
RT: 13.971 min Scan# 1993
Delta R.T. 0.000 min
Lab File: VY017377.D
Acq: 14 Feb 2024 12:11

Tgt Ion:117 Resp: 111286
Ion Ratio Lower Upper
117 100
201 66.0 33.4 100.1





#91

1,2-Dichlorobenzene

Concen: 99.073 ug/l

RT: 13.751 min Scan# 1957

Delta R.T. 0.000 min

Lab File: VY017377.D

Acq: 14 Feb 2024 12:11

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC100

Tgt Ion:146 Resp: 22391

Ion Ratio Lower Upper

146 100

111 42.0 20.5 61.6

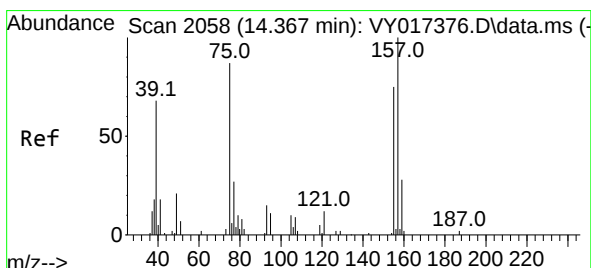
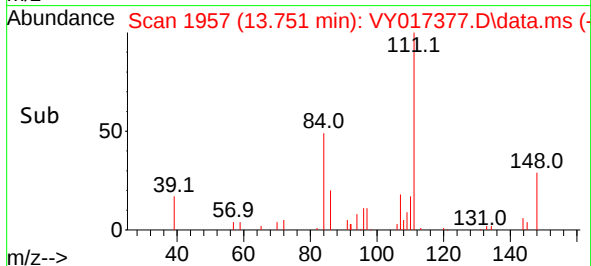
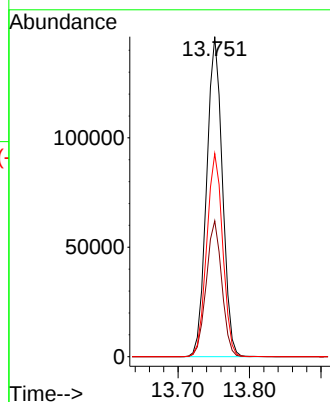
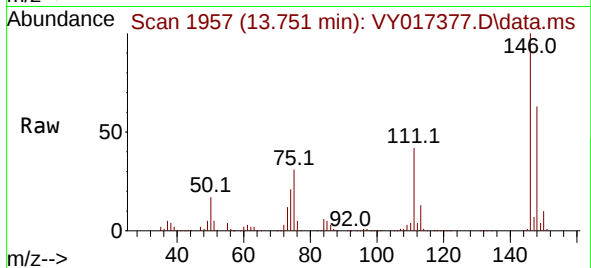
148 64.2 31.4 94.3

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/15/2024

Supervised By :Semsettin Yesilyurt 02/15/2024



#92

1,2-Dibromo-3-Chloropropane

Concen: 101.958 ug/l

RT: 14.367 min Scan# 2058

Delta R.T. 0.000 min

Lab File: VY017377.D

Acq: 14 Feb 2024 12:11

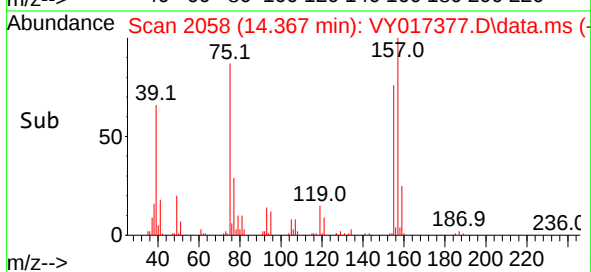
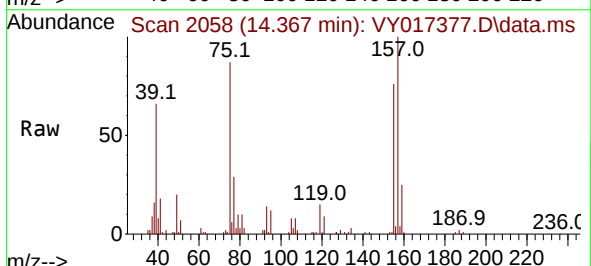
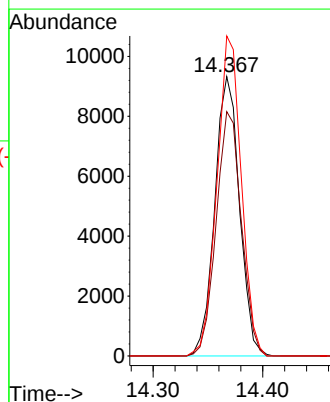
Tgt Ion: 75 Resp: 14601

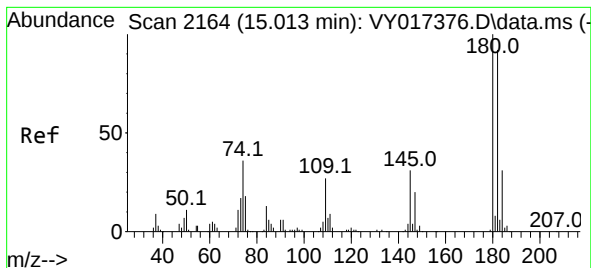
Ion Ratio Lower Upper

75 100

155 89.1 42.1 126.3

157 113.2 55.8 167.4





#93

1,2,4-Trichlorobenzene

Concen: 108.925 ug/l

RT: 15.019 min Scan# 2165

Delta R.T. 0.006 min

Lab File: VY017377.D

Acq: 14 Feb 2024 12:11

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC100

Tgt Ion:180 Resp: 122820

Ion Ratio Lower Upper

180 100

182 93.3 47.9 143.7

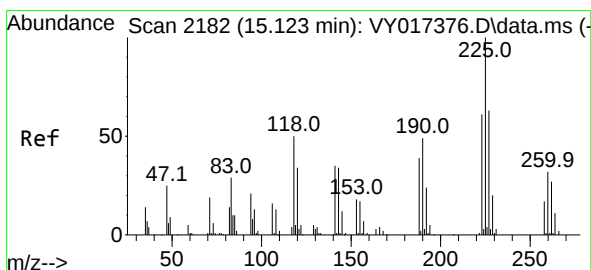
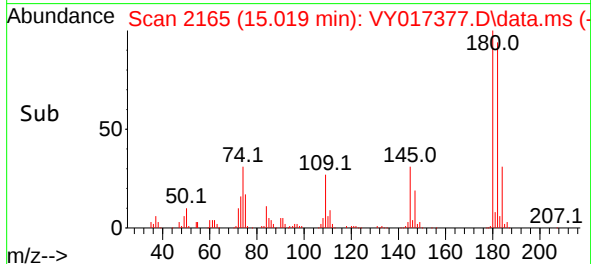
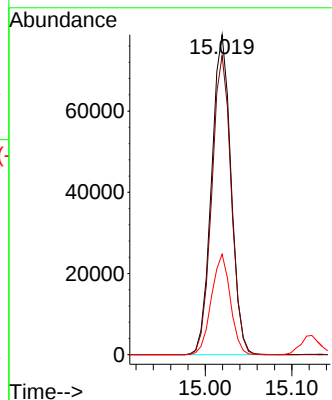
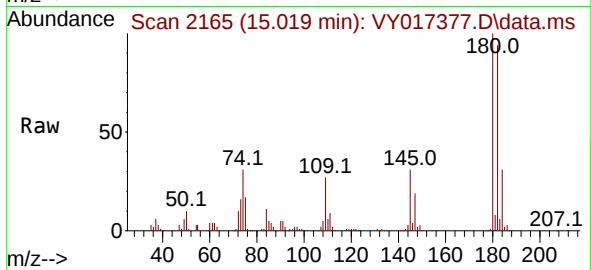
145 30.7 15.9 47.7

Manual Integrations

APPROVED

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#94

Hexachlorobutadiene

Concen: 95.213 ug/l

RT: 15.123 min Scan# 2182

Delta R.T. 0.000 min

Lab File: VY017377.D

Acq: 14 Feb 2024 12:11

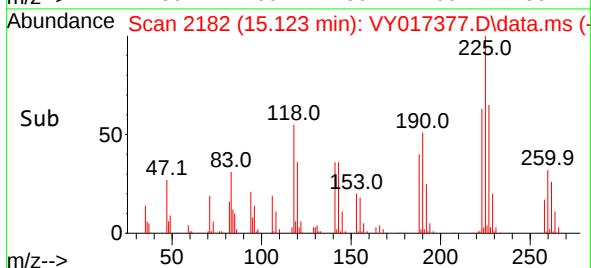
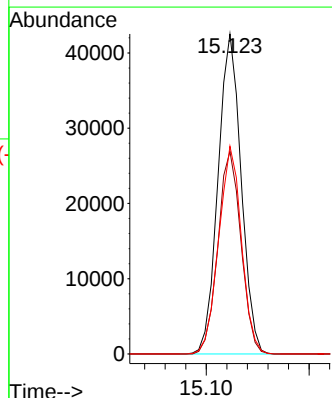
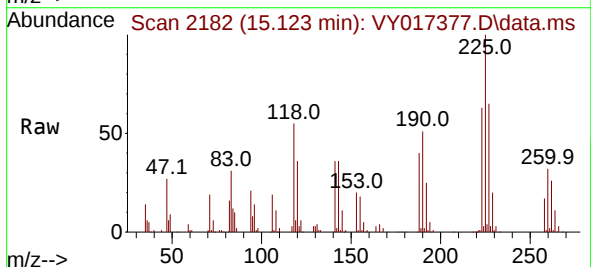
Tgt Ion:225 Resp: 66266

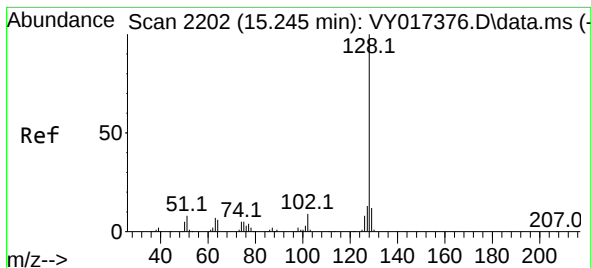
Ion Ratio Lower Upper

225 100

223 63.0 31.4 94.3

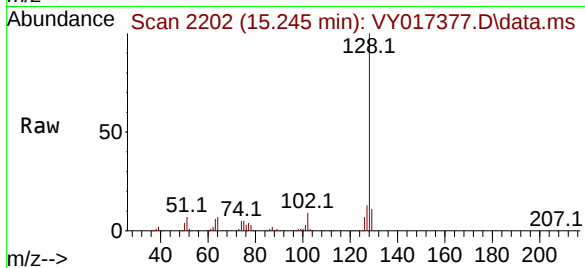
227 64.1 32.3 96.8





#95
Naphthalene
Concen: 119.721 ug/l
RT: 15.245 min Scan# 21
Delta R.T. 0.000 min
Lab File: VY017377.D
Acq: 14 Feb 2024 12:11

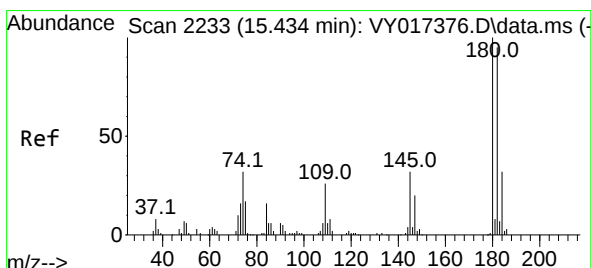
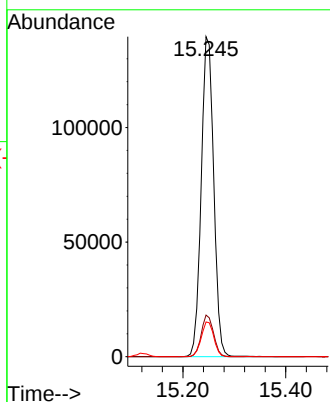
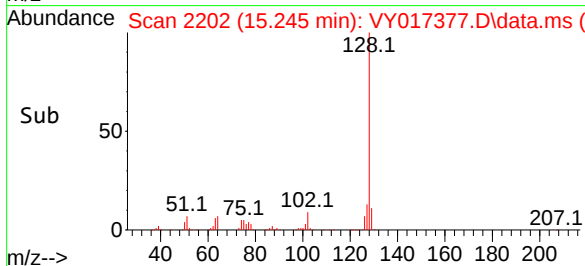
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100



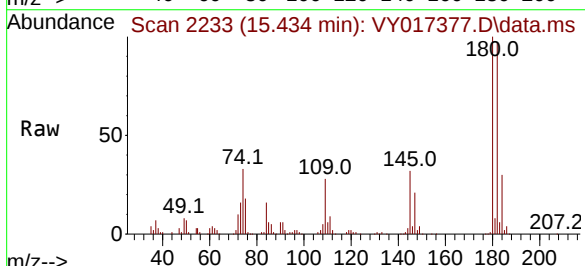
Tgt Ion:128 Resp: 23492
Ion Ratio Lower Upper
128 100
127 12.8 10.2 15.4
129 10.9 8.6 12.8

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 02/15/2024
Supervised By :Semsettin Yesilyurt 02/15/2024



#96
1,2,3-Trichlorobenzene
Concen: 108.067 ug/l
RT: 15.434 min Scan# 2233
Delta R.T. 0.000 min
Lab File: VY017377.D
Acq: 14 Feb 2024 12:11



Tgt Ion:180 Resp: 102235
Ion Ratio Lower Upper
180 100
182 93.9 46.3 138.8
145 31.9 16.1 48.2

