

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021924\
 Data File : VY017404.D
 Acq On : 19 Feb 2024 11:22
 Operator : SY/MD
 Sample : VSTDICC150
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC150

Quant Time: Feb 19 12:09:50 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y021924S.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 19 11:54:50 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 02/20/2024
 Supervised By :Semsettin Yesilyurt 02/20/2024

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	187730	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.703	114	285820	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	247427	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	114166	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	224770	109.490	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 218.980%#			
35) Dibromofluoromethane	7.728	113	261214	144.752	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 289.500%#			
50) Toluene-d8	10.191	98	1017207	147.084	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 294.160%#			
62) 4-Bromofluorobenzene	12.489	95	312700	147.610	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 295.220%#			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.912	85	191837	124.765	ug/l	98
3) Chloromethane	2.119	50	386088	115.460	ug/l	98
4) Vinyl Chloride	2.259	62	468587	116.786	ug/l	99
5) Bromomethane	2.656	94	363259	125.883	ug/l	98
6) Chloroethane	2.802	64	308974	121.129	ug/l	97
7) Trichlorofluoromethane	3.131	101	464588	120.758	ug/l	99
8) Diethyl Ether	3.540	74	136313	121.436	ug/l	81
9) 1,1,2-Trichlorotrifluo...	3.912	101	277206	124.644	ug/l	95
10) Methyl Iodide	4.107	142	320942	145.896	ug/l	97
11) Tert butyl alcohol	4.997	59	67248	412.362	ug/l	99
12) 1,1-Dichloroethene	3.881	96	262845	127.705	ug/l	93
13) Acrolein	3.741	56	91771	440.340	ug/l	99
14) Allyl chloride	4.497	41	315998	99.325	ug/l #	94
15) Acrylonitrile	5.180	53	264094	536.174	ug/l	99
16) Acetone	3.966	43	228620	413.185	ug/l	93
17) Carbon Disulfide	4.210	76	758144	118.411	ug/l	99
18) Methyl Acetate	4.491	43	218762	135.364	ug/l #	90
19) Methyl tert-butyl Ether	5.234	73	632573	128.058	ug/l	98
20) Methylene Chloride	4.735	84	276222	80.909	ug/l	87
21) trans-1,2-Dichloroethene	5.234	96	311419	129.922	ug/l	92
22) Diisopropyl ether	6.131	45	742987	105.782	ug/l	94
23) Vinyl Acetate	6.076	43	1424252m	381.022	ug/l	
24) 1,1-Dichloroethane	6.033	63	484990	113.627	ug/l	98
25) 2-Butanone	7.002	43	336041	465.751	ug/l	90
26) 2,2-Dichloropropane	6.996	77	445725	122.824	ug/l	96
27) cis-1,2-Dichloroethene	6.996	96	352707	131.768	ug/l	91
28) Bromochloromethane	7.350	49	181321	99.903	ug/l #	72
29) Tetrahydrofuran	7.362	42	197325	488.429	ug/l #	83
30) Chloroform	7.521	83	518664	120.309	ug/l	97
31) Cyclohexane	7.801	56	430751	109.024	ug/l	88
32) 1,1,1-Trichloroethane	7.716	97	470782	126.712	ug/l	96
36) 1,1-Dichloropropene	7.929	75	416983	138.145	ug/l	96
37) Ethyl Acetate	7.088	43	139047	105.499	ug/l #	94
38) Carbon Tetrachloride	7.911	117	427713	148.932	ug/l	97
39) Methylcyclohexane	9.197	83	547817	154.494	ug/l	93
40) Benzene	8.173	78	1219399	140.432	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.319	41	68323	110.194	ug/l	93
42) 1,2-Dichloroethane	8.252	62	282589	124.949	ug/l	97
43) Isopropyl Acetate	8.283	43	278316	116.776	ug/l #	91
44) Trichloroethene	8.953	130	339724	154.764	ug/l	92
45) 1,2-Dichloropropane	9.228	63	283882	131.391	ug/l	98
46) Dibromomethane	9.313	93	158876	141.983	ug/l #	88
47) Bromodichloromethane	9.508	83	398165	141.410	ug/l	100
48) Methyl methacrylate	9.301	41	161196	133.980	ug/l #	87
49) 1,4-Dioxane	9.319	88	32047	2837.845	ug/l #	89
51) 4-Methyl-2-Pentanone	10.081	43	746922	582.593	ug/l	90
52) Toluene	10.252	92	797372	152.453	ug/l	99
53) t-1,3-Dichloropropene	10.477	75	382976	144.828	ug/l	99
54) cis-1,3-Dichloropropene	9.941	75	460470	142.944	ug/l #	91
55) 1,1,2-Trichloroethane	10.654	97	224407	147.825	ug/l	98
56) Ethyl methacrylate	10.520	69	209681	134.199	ug/l #	85
57) 1,3-Dichloropropane	10.801	76	364100	138.213	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.795	63	741283	726.584	ug/l	94
59) 2-Hexanone	10.843	43	531211	582.053	ug/l	88
60) Dibromochloromethane	10.996	129	275325	157.300	ug/l	100
61) 1,2-Dibromoethane	11.099	107	209918	150.192	ug/l	98
64) Tetrachloroethene	10.727	164	298774	162.606	ug/l	95
65) Chlorobenzene	11.526	112	807397	150.378	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.599	131	319164	162.715	ug/l	99
67) Ethyl Benzene	11.599	91	1553785	156.682	ug/l	98
68) m/p-Xylenes	11.709	106	1203523	323.834	ug/l	94
69) o-Xylene	12.038	106	555276	162.764	ug/l	92
70) Styrene	12.050	104	814881	155.736	ug/l	98
71) Bromoform	12.215	173	163636	172.547	ug/l #	100
73) Isopropylbenzene	12.337	105	1456081	152.181	ug/l	98
74) N-amyl acetate	12.154	43	236688	115.818	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.587	83	243865	135.391	ug/l	99
76) 1,2,3-Trichloropropane	12.642	75	145274m	132.772	ug/l	
77) Bromobenzene	12.617	156	329982	160.625	ug/l	84
78) n-propylbenzene	12.678	91	1684995	141.731	ug/l	96
79) 2-Chlorotoluene	12.764	91	911545	138.643	ug/l	96
80) 1,3,5-Trimethylbenzene	12.818	105	1136584	148.849	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.386	75	76174	141.043	ug/l	89
82) 4-Chlorotoluene	12.861	91	931296	138.945	ug/l	96
83) tert-Butylbenzene	13.081	119	992262	151.401	ug/l	95
84) 1,2,4-Trimethylbenzene	13.129	105	1143881	152.181	ug/l	98
85) sec-Butylbenzene	13.264	105	1441824	143.958	ug/l	98
86) p-Isopropyltoluene	13.379	119	1287030	157.287	ug/l	97
87) 1,3-Dichlorobenzene	13.373	146	658366	160.483	ug/l	98
88) 1,4-Dichlorobenzene	13.453	146	599820	149.484	ug/l	98
89) n-Butylbenzene	13.702	91	1128150	144.367	ug/l	98
90) Hexachloroethane	13.971	117	238552	141.818	ug/l	83
91) 1,2-Dichlorobenzene	13.745	146	528032	153.101	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.361	75	29900	133.653	ug/l	77
93) 1,2,4-Trichlorobenzene	15.013	180	295576	178.087	ug/l	99
94) Hexachlorobutadiene	15.117	225	161849	169.193	ug/l	97
95) Naphthalene	15.245	128	544267	183.211	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	248900	179.765	ug/l	98

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QLast Update : Mon Feb 19 11:54:50 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

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Manual Integrations

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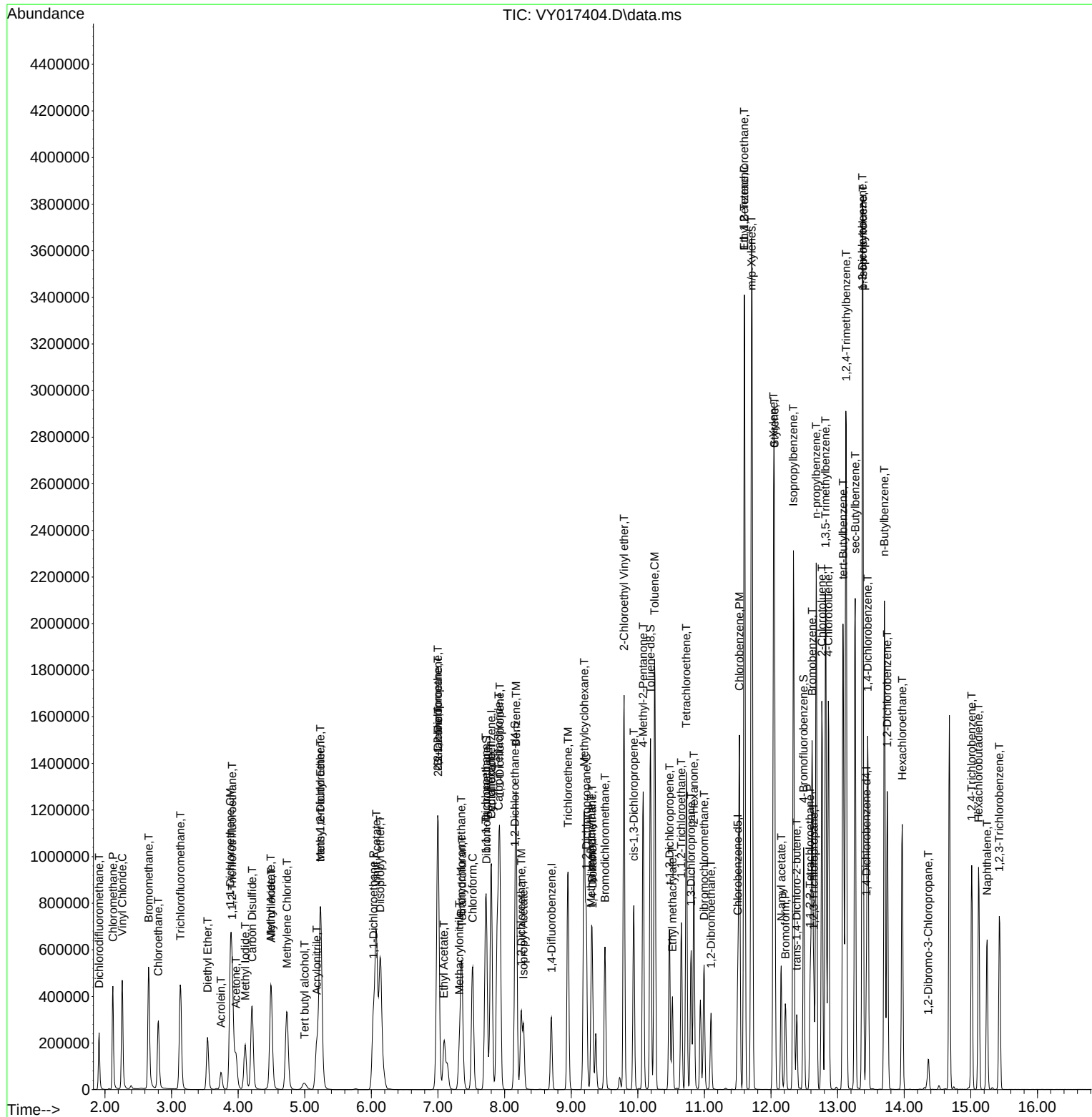
Quant Time: Feb 19 12:09:50 2024

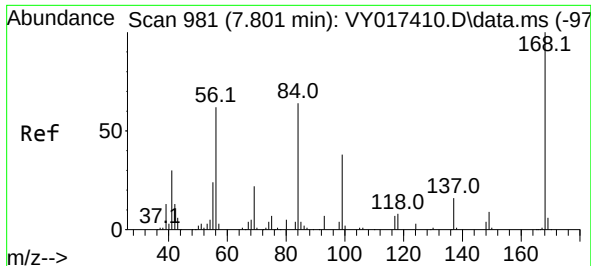
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QLast Update : Mon Feb 19 11:54:50 2024

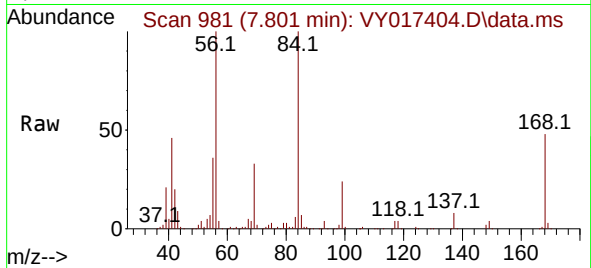
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY017404.D
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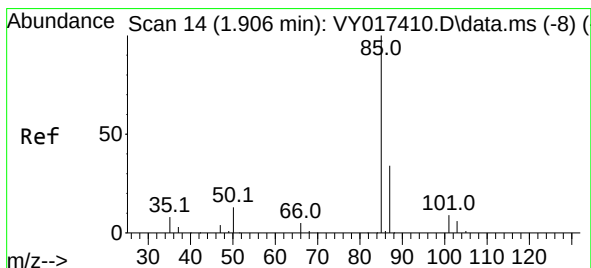
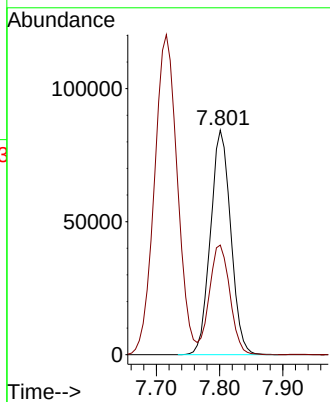
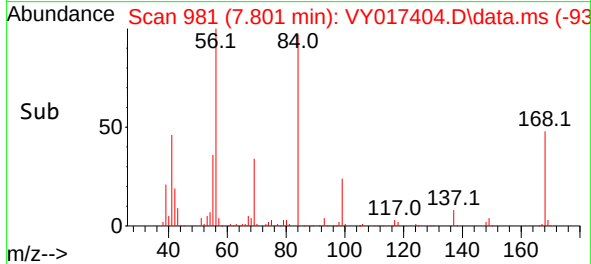
Instrument :
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VSTDIC150



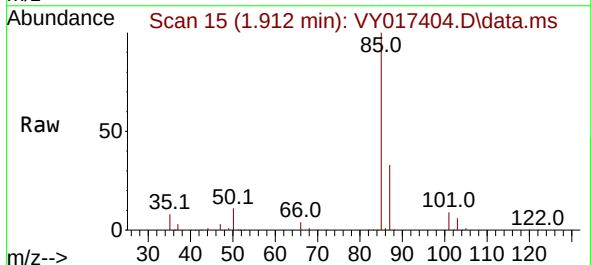
Tgt Ion:168 Resp: 187730
Ion Ratio Lower Upper
168 100
99 48.8 44.8 67.2

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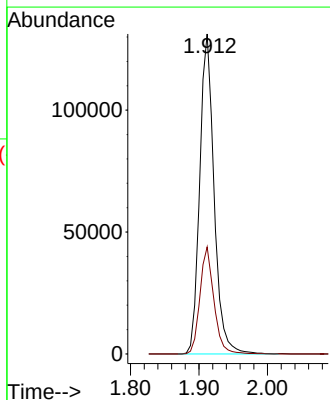
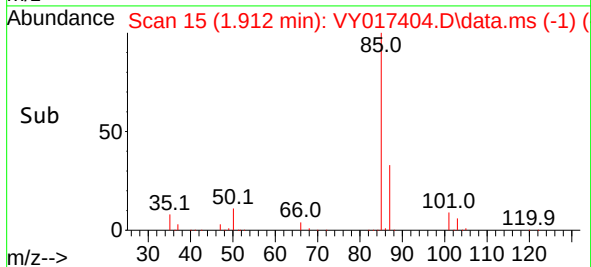
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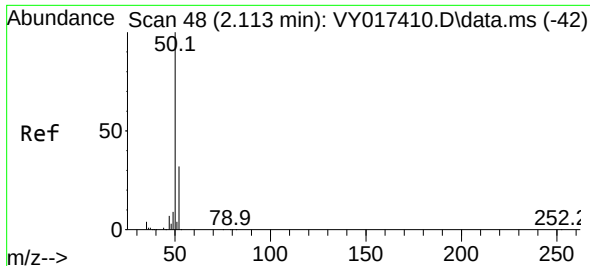


#2
Dichlorodifluoromethane
Concen: 124.765 ug/l
RT: 1.912 min Scan# 15
Delta R.T. 0.006 min
Lab File: VY017404.D
Acq: 19 Feb 2024 11:22



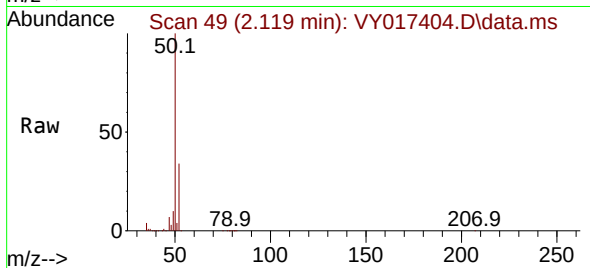
Tgt Ion: 85 Resp: 191837
Ion Ratio Lower Upper
85 100
87 33.4 16.2 48.6





#3
Chloromethane
Concen: 115.460 ug/l
RT: 2.119 min Scan# 49
Delta R.T. 0.000 min
Lab File: VY017404.D
Acq: 19 Feb 2024 11:22

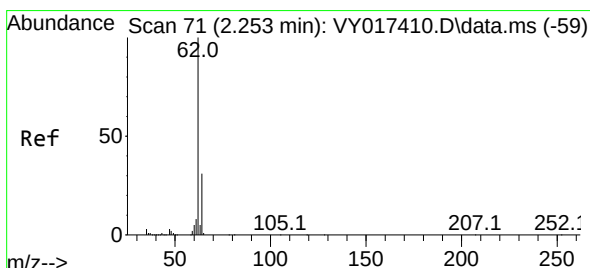
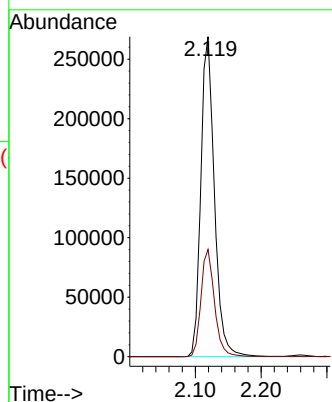
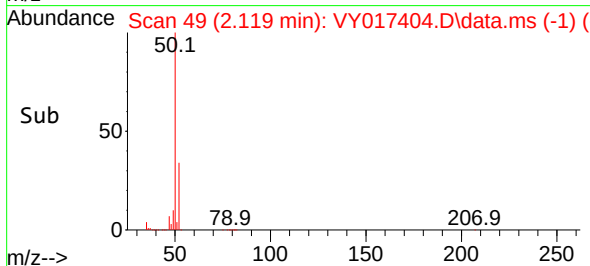
Instrument :
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Tgt Ion: 50 Resp: 386088
Ion Ratio Lower Upper
50 100
52 33.5 26.0 39.0

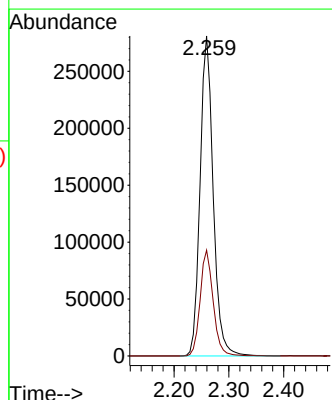
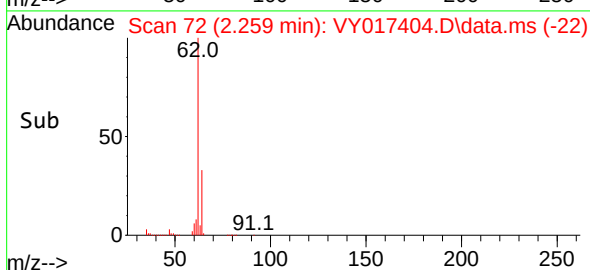
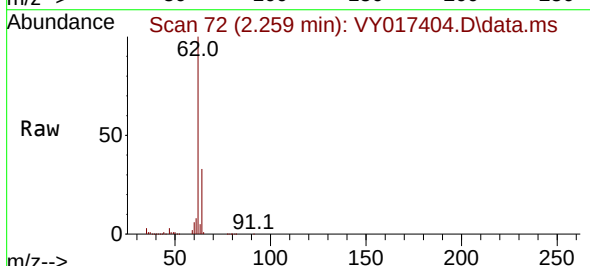
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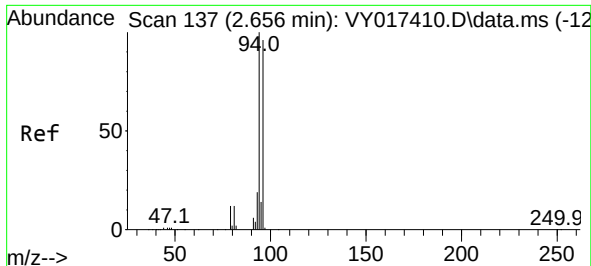
Reviewed By :Mahesh Dadoda 02/20/2024
Supervised By :Semsettin Yesilyurt 02/20/2024



#4
Vinyl Chloride
Concen: 116.786 ug/l
RT: 2.259 min Scan# 72
Delta R.T. 0.006 min
Lab File: VY017404.D
Acq: 19 Feb 2024 11:22

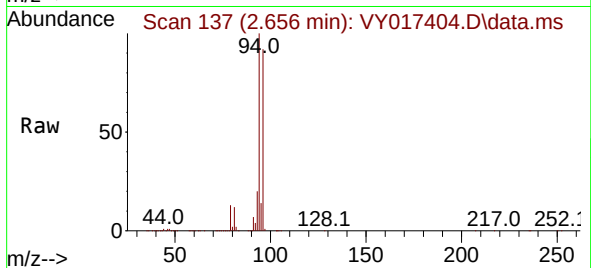
Tgt Ion: 62 Resp: 468587
Ion Ratio Lower Upper
62 100
64 33.1 26.0 39.0





#5
Bromomethane
Concen: 125.883 ug/l
RT: 2.656 min Scan# 137
Delta R.T. 0.000 min
Lab File: VY017404.D
Acq: 19 Feb 2024 11:22

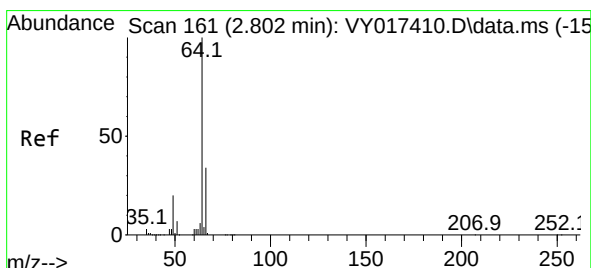
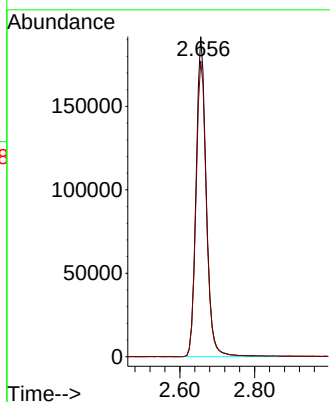
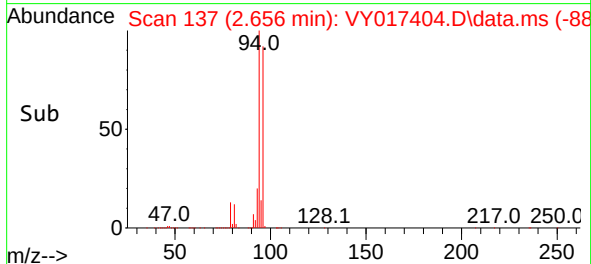
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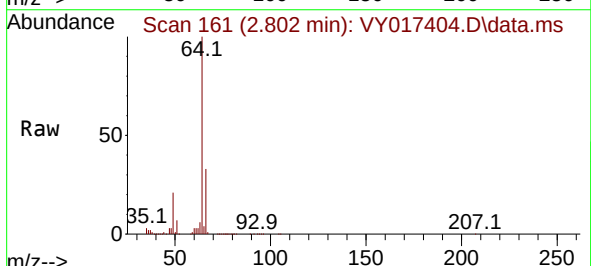
Tgt Ion: 94 Resp: 363259
Ion Ratio Lower Upper
94 100
96 92.5 72.5 108.7

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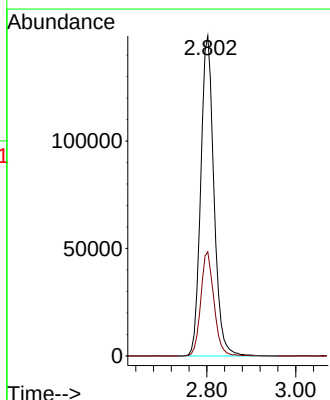
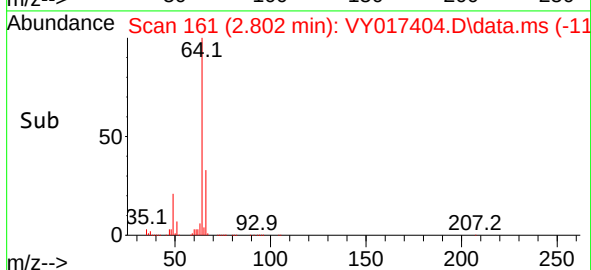
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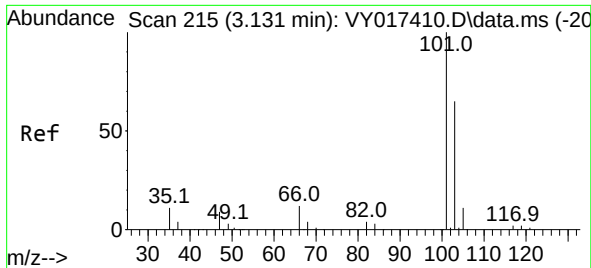


#6
Chloroethane
Concen: 121.129 ug/l
RT: 2.802 min Scan# 161
Delta R.T. 0.000 min
Lab File: VY017404.D
Acq: 19 Feb 2024 11:22



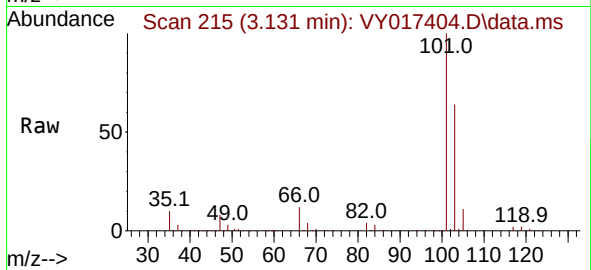
Tgt Ion: 64 Resp: 308974
Ion Ratio Lower Upper
64 100
66 32.6 27.6 41.4





#7
Trichlorofluoromethane
Concen: 120.758 ug/l
RT: 3.131 min Scan# 215
Delta R.T. -0.006 min
Lab File: VY017404.D
Acq: 19 Feb 2024 11:22

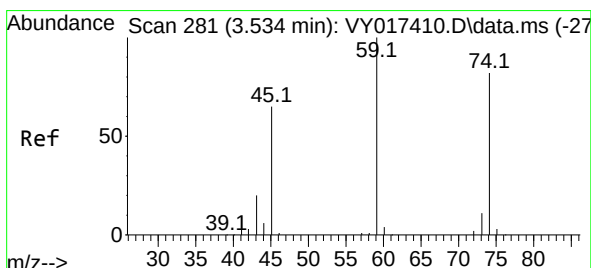
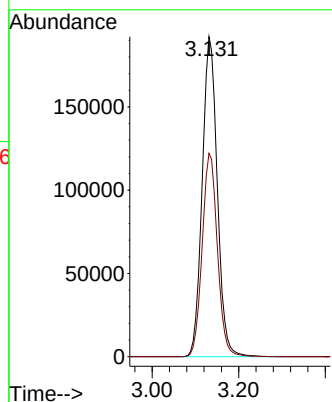
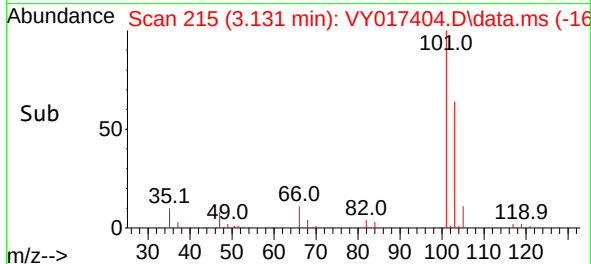
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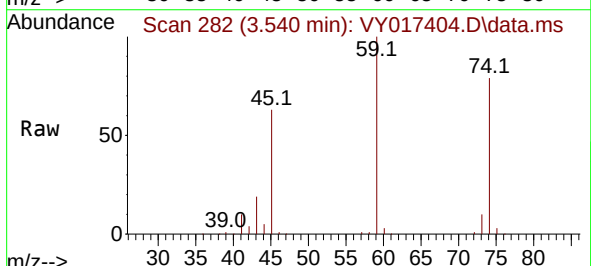
Tgt Ion:101 Resp: 46458
Ion Ratio Lower Upper
101 100
103 63.6 50.4 75.6

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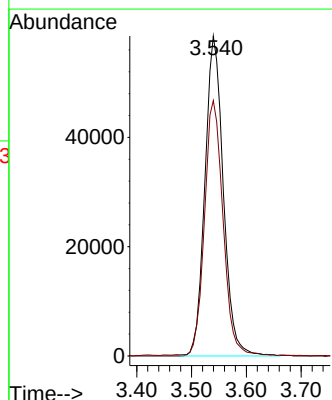
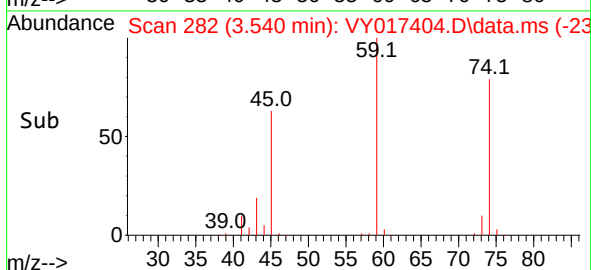
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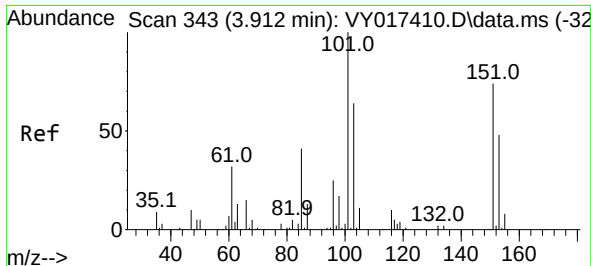


#8
Diethyl Ether
Concen: 121.436 ug/l
RT: 3.540 min Scan# 282
Delta R.T. 0.000 min
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Tgt Ion: 74 Resp: 136313
Ion Ratio Lower Upper
74 100
45 80.3 49.8 149.3





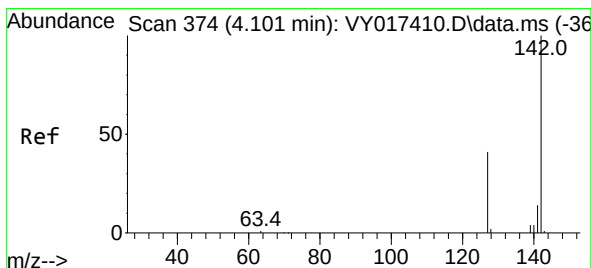
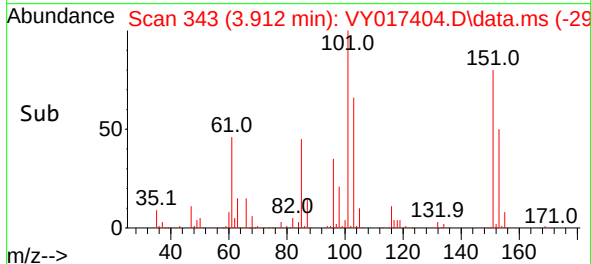
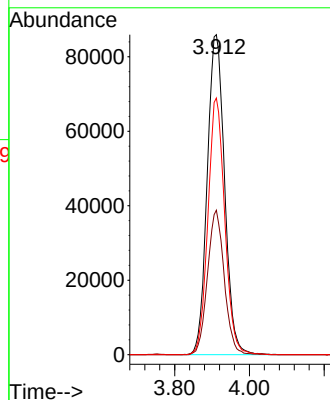
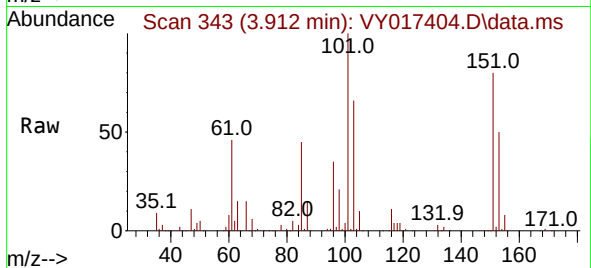
#9
1,1,2-Trichlorotrifluoroethane
Concen: 124.644 ug/l
RT: 3.912 min Scan# 343
Delta R.T. 0.000 min
Lab File: VY017404.D
Acq: 19 Feb 2024 11:22

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tgt Ion:101 Resp: 277200
Ion Ratio Lower Upper
101 100
85 43.7 36.8 55.2
151 77.6 57.8 86.6

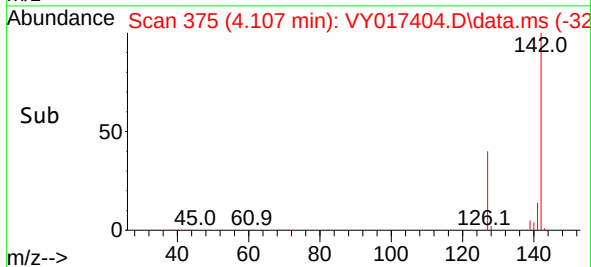
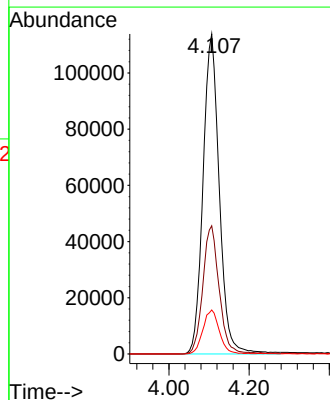
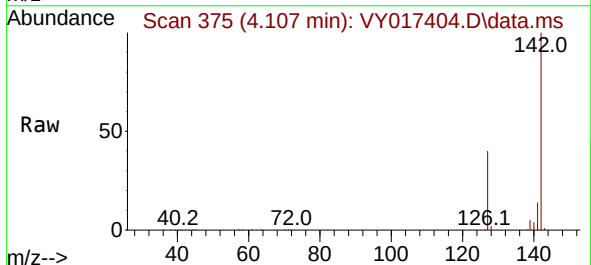
Manual Integrations
APPROVED

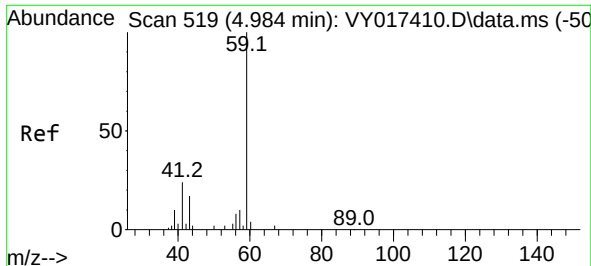
Reviewed By :Mahesh Dadoda 02/20/2024
Supervised By :Semsettin Yesilyurt 02/20/2024



#10
Methyl Iodide
Concen: 145.896 ug/l
RT: 4.107 min Scan# 375
Delta R.T. 0.006 min
Lab File: VY017404.D
Acq: 19 Feb 2024 11:22

Tgt Ion:142 Resp: 320942
Ion Ratio Lower Upper
142 100
127 40.1 34.0 51.0
141 13.9 11.5 17.3





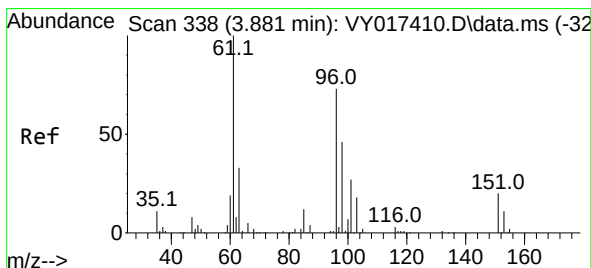
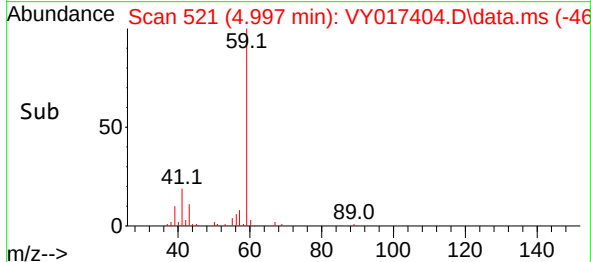
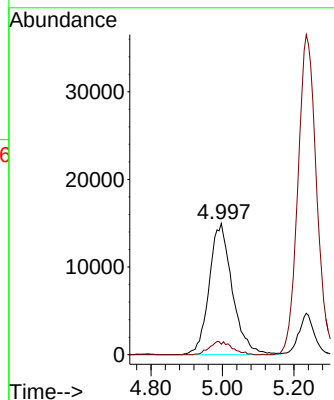
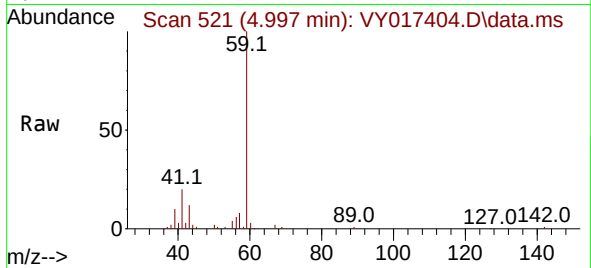
#11
Tert butyl alcohol
Concen: 412.362 ug/l
RT: 4.997 min Scan# 519
Delta R.T. 0.037 min
Lab File: VY017404.D
Acq: 19 Feb 2024 11:22

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tgt Ion: 59 Resp: 67248
Ion Ratio Lower Upper
59 100
57 9.8 7.6 11.4

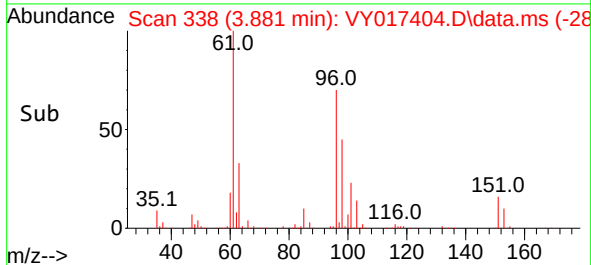
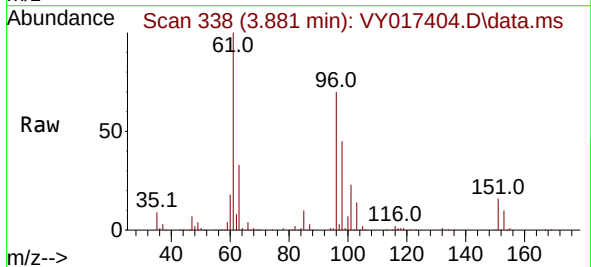
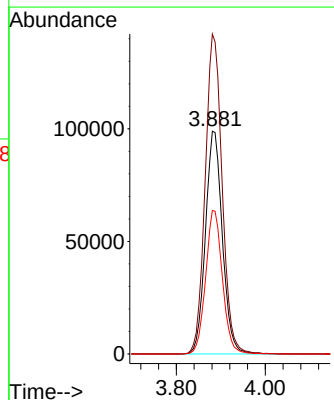
Manual Integrations
APPROVED

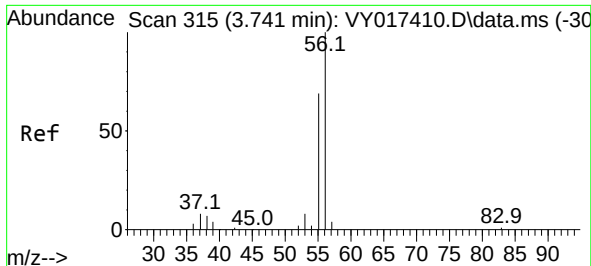
Reviewed By :Mahesh Dadoda 02/20/2024
Supervised By :Semsettin Yesilyurt 02/20/2024



#12
1,1-Dichloroethene
Concen: 127.705 ug/l
RT: 3.881 min Scan# 338
Delta R.T. 0.000 min
Lab File: VY017404.D
Acq: 19 Feb 2024 11:22

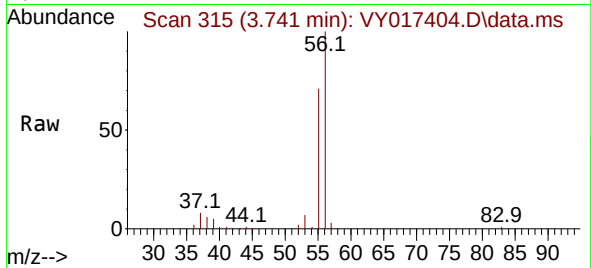
Tgt Ion: 96 Resp: 262845
Ion Ratio Lower Upper
96 100
61 143.7 123.8 185.8
98 64.4 49.4 74.2





#13
Acrolein
Concen: 440.340 ug/l
RT: 3.741 min Scan# 315
Delta R.T. 0.006 min
Lab File: VY017404.D
Acq: 19 Feb 2024 11:22

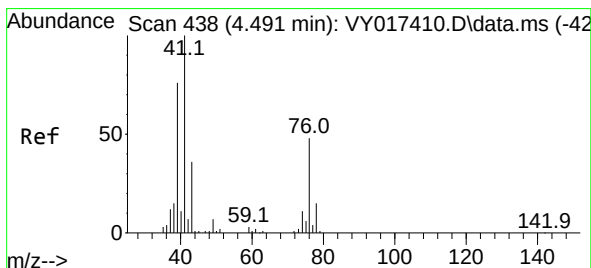
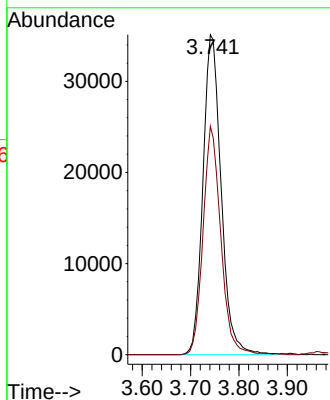
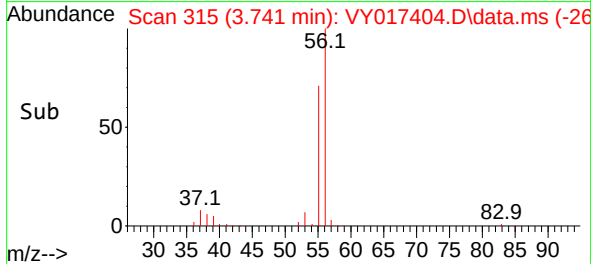
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150



Tgt Ion: 56 Resp: 9177
Ion Ratio Lower Upper
56 100
55 69.3 56.2 84.4

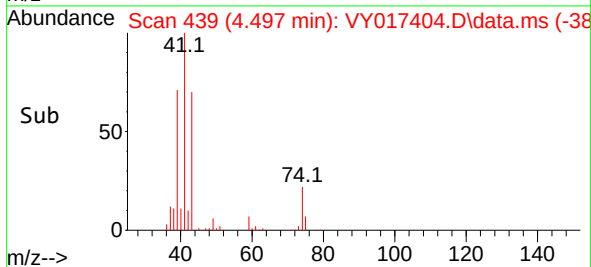
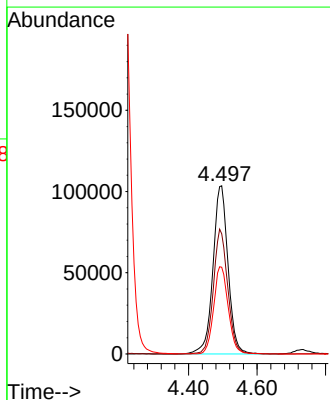
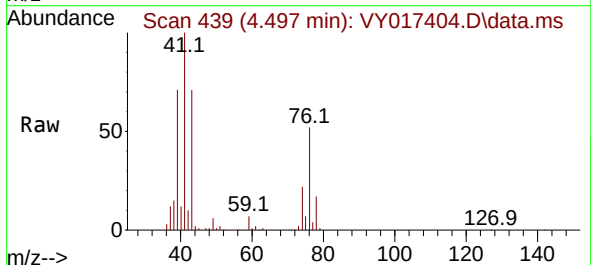
Manual Integrations
APPROVED

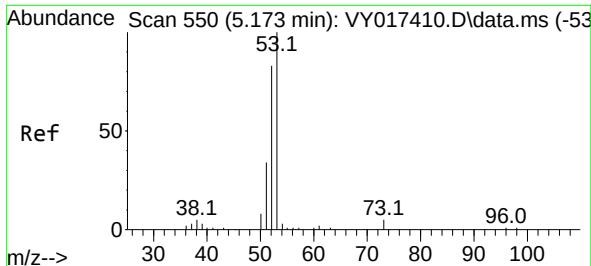
Reviewed By :Mahesh Dadoda 02/20/2024
Supervised By :Semsettin Yesilyurt 02/20/2024



#14
Allyl chloride
Concen: 99.325 ug/l
RT: 4.497 min Scan# 439
Delta R.T. 0.006 min
Lab File: VY017404.D
Acq: 19 Feb 2024 11:22

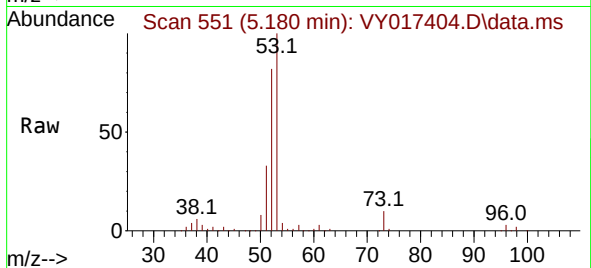
Tgt Ion: 41 Resp: 315998
Ion Ratio Lower Upper
41 100
39 70.9 56.5 84.7
76 50.0 31.7 47.5





#15
Acrylonitrile
Concen: 536.174 ug/l
RT: 5.180 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY017404.D
Acq: 19 Feb 2024 11:22

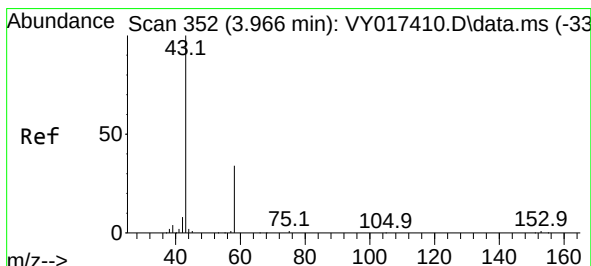
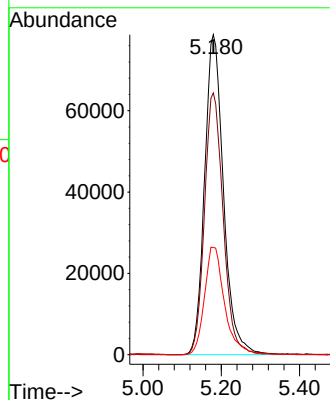
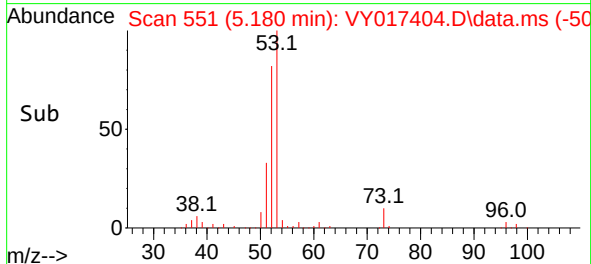
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150



Tgt Ion: 53 Resp: 264094
Ion Ratio Lower Upper
53 100
52 80.8 65.2 97.8
51 35.6 29.4 44.0

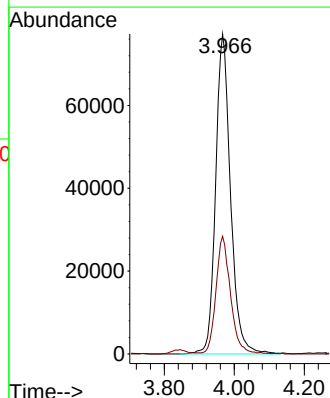
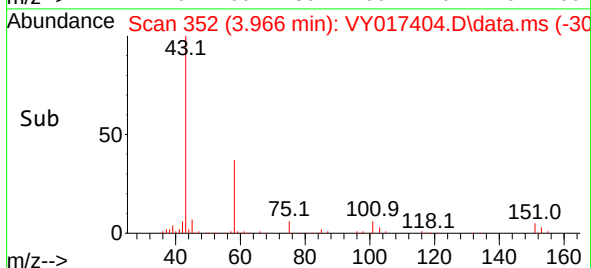
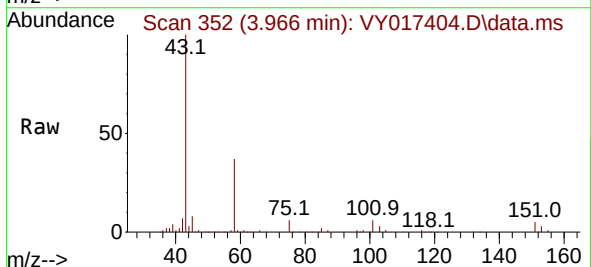
Manual Integrations
APPROVED

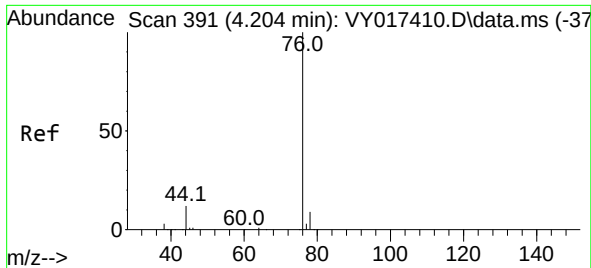
Reviewed By :Mahesh Dadoda 02/20/2024
Supervised By :Semsettin Yesilyurt 02/20/2024



#16
Acetone
Concen: 413.185 ug/l
RT: 3.966 min Scan# 352
Delta R.T. 0.012 min
Lab File: VY017404.D
Acq: 19 Feb 2024 11:22

Tgt Ion: 43 Resp: 228620
Ion Ratio Lower Upper
43 100
58 36.7 26.3 39.5





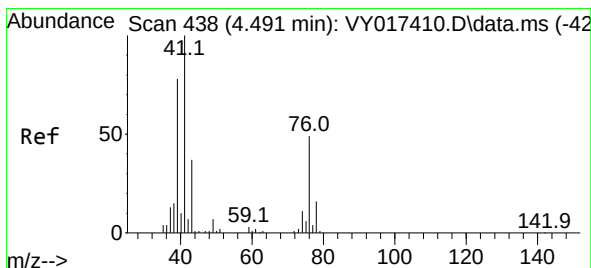
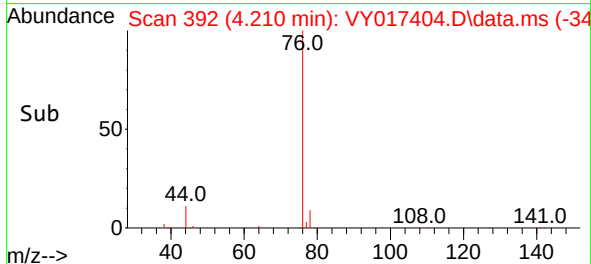
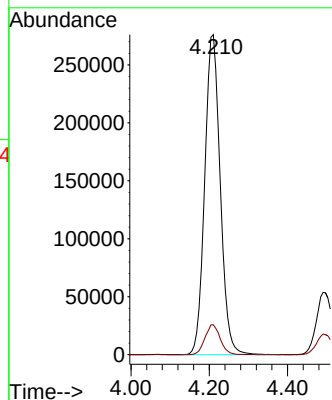
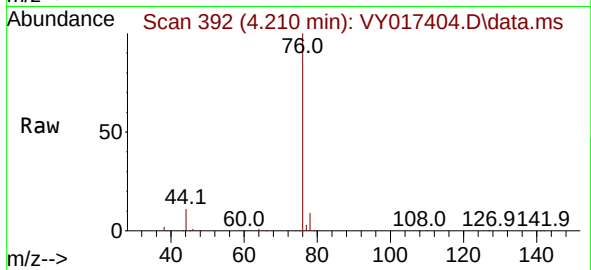
#17
Carbon Disulfide
Concen: 118.411 ug/l
RT: 4.210 min Scan# 391
Delta R.T. 0.006 min
Lab File: VY017404.D
Acq: 19 Feb 2024 11:22

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Tgt Ion: 76 Resp: 758144
Ion Ratio Lower Upper
76 100
78 9.4 7.3 10.9

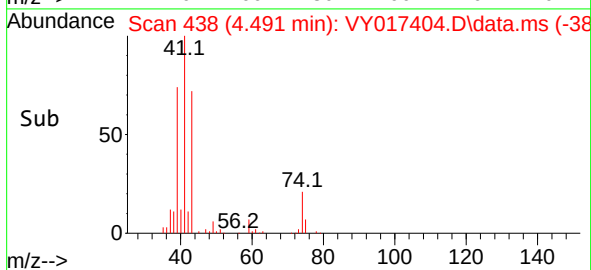
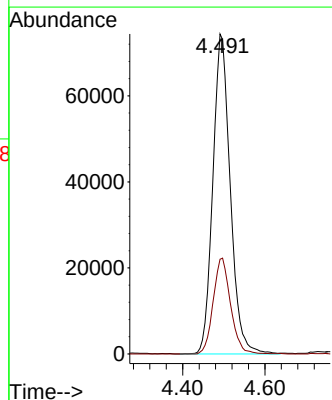
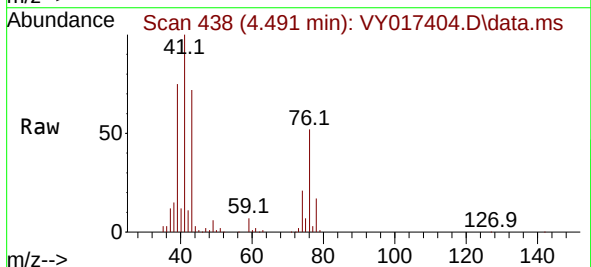
Manual Integrations
APPROVED

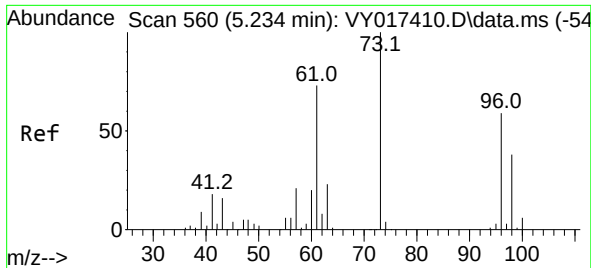
Reviewed By :Mahesh Dadoda 02/20/2024
Supervised By :Semsettin Yesilyurt 02/20/2024



#18
Methyl Acetate
Concen: 135.364 ug/l
RT: 4.491 min Scan# 438
Delta R.T. -0.000 min
Lab File: VY017404.D
Acq: 19 Feb 2024 11:22

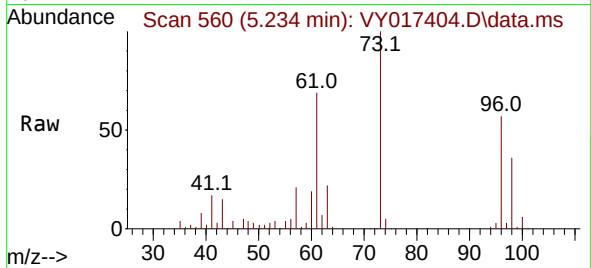
Tgt Ion: 43 Resp: 218762
Ion Ratio Lower Upper
43 100
74 29.9 19.8 29.8#





#19
Methyl tert-butyl Ether
Concen: 128.058 ug/l
RT: 5.234 min Scan# 50
Delta R.T. 0.000 min
Lab File: VY017404.D
Acq: 19 Feb 2024 11:22

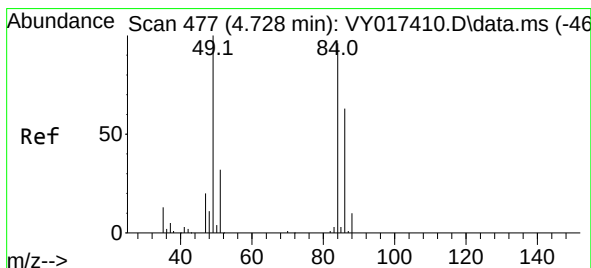
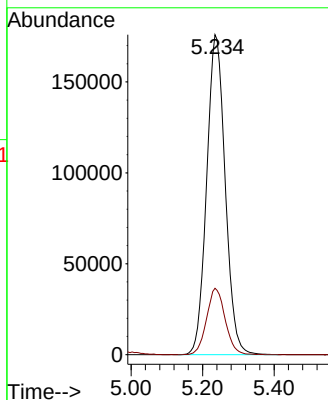
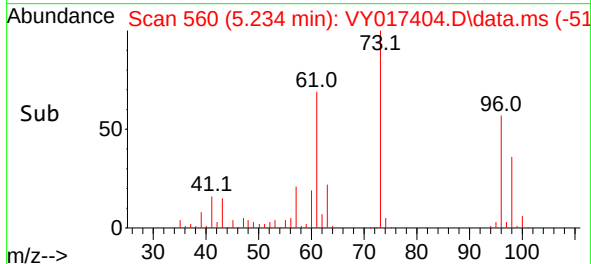
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150



Tgt Ion: 73 Resp: 63257
Ion Ratio Lower Upper
73 100
57 20.7 17.4 26.2

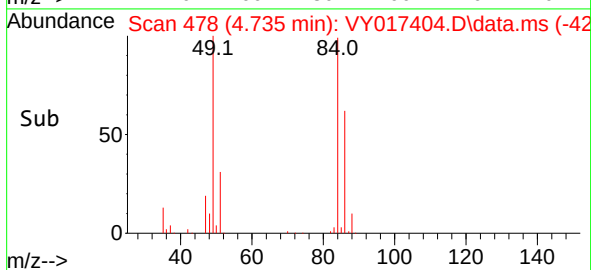
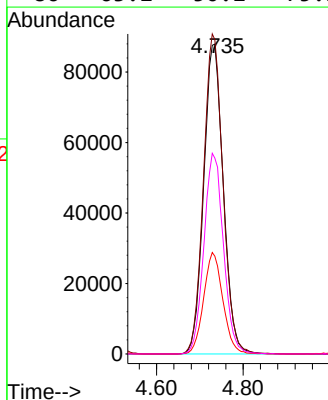
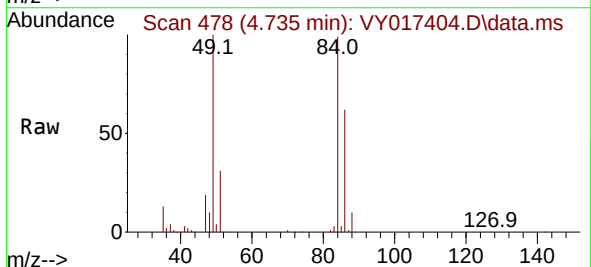
Manual Integrations
APPROVED

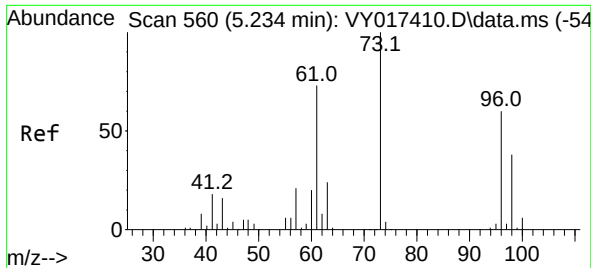
Reviewed By :Mahesh Dadoda 02/20/2024
Supervised By :Semsettin Yesilyurt 02/20/2024



#20
Methylene Chloride
Concen: 80.909 ug/l
RT: 4.735 min Scan# 478
Delta R.T. 0.007 min
Lab File: VY017404.D
Acq: 19 Feb 2024 11:22

Tgt Ion: 84 Resp: 276222
Ion Ratio Lower Upper
84 100
49 101.4 99.6 149.4
51 31.5 30.7 46.1
86 63.2 50.2 75.2





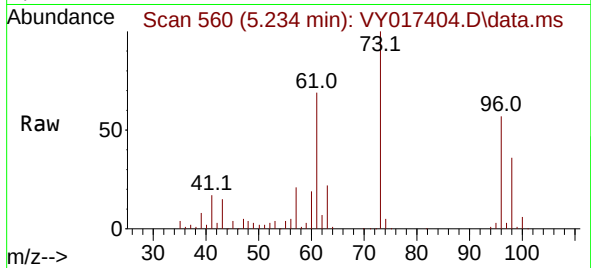
#21
trans-1,2-Dichloroethene
Concen: 129.922 ug/l
RT: 5.234 min Scan# 560
Delta R.T. 0.000 min
Lab File: VY017404.D
Acq: 19 Feb 2024 11:22

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

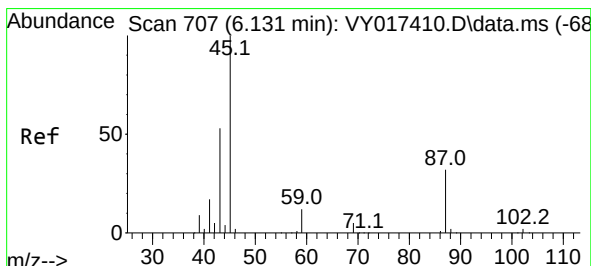
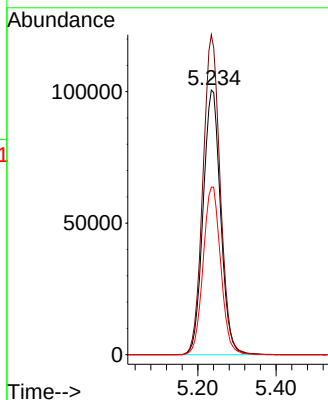
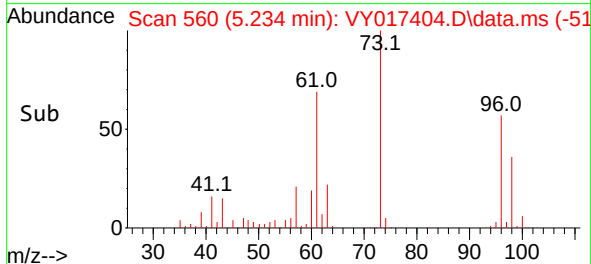


Tgt Ion: 96 Resp: 311419
Ion Ratio Lower Upper
96 100
61 120.9 107.3 160.9
98 63.3 49.0 73.6

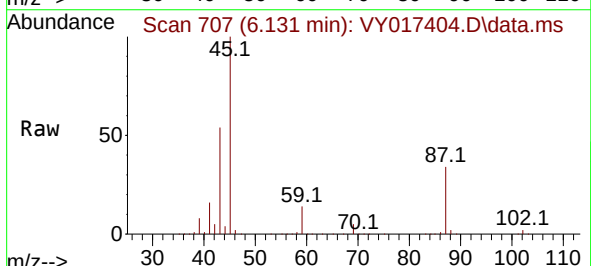
Manual Integrations

APPROVED

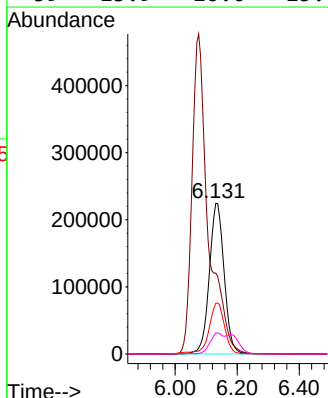
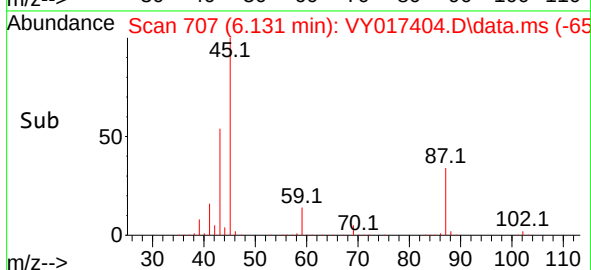
Reviewed By :Mahesh Dadoda 02/20/2024
Supervised By :Semsettin Yesilyurt 02/20/2024

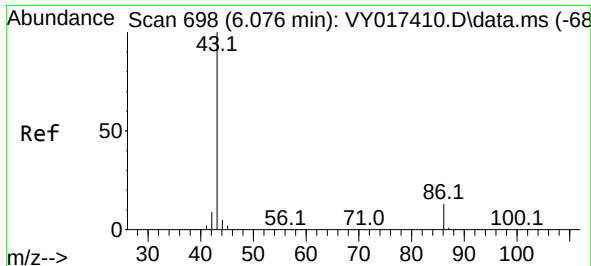


#22
Diisopropyl ether
Concen: 105.782 ug/l
RT: 6.131 min Scan# 707
Delta R.T. 0.000 min
Lab File: VY017404.D
Acq: 19 Feb 2024 11:22



Tgt Ion: 45 Resp: 742987
Ion Ratio Lower Upper
45 100
43 53.7 45.0 67.6
87 33.7 22.5 33.7
59 13.9 10.0 15.0





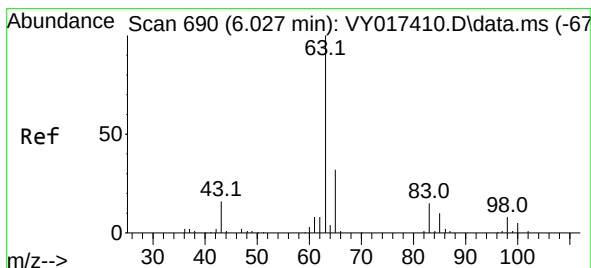
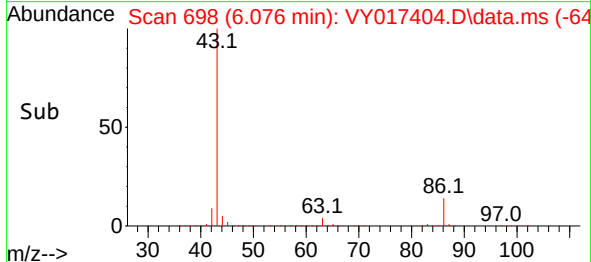
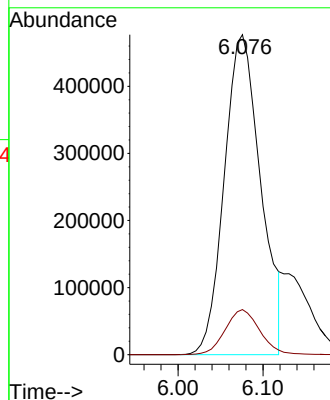
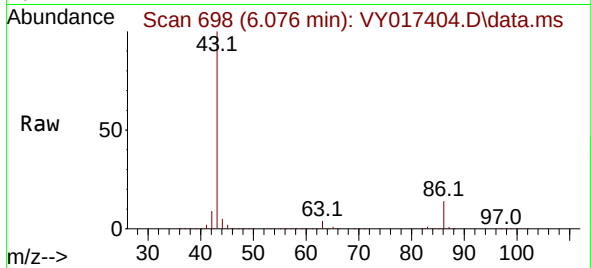
#23
 Vinyl Acetate
 Concen: 381.022 ug/l m
 RT: 6.076 min Scan# 698
 Delta R.T. 0.000 min
 Lab File: VY017404.D
 Acq: 19 Feb 2024 11:22

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

Tgt Ion: 43 Resp: 142425
 Ion Ratio Lower Upper
 43 100
 86 14.1 8.6 13.0

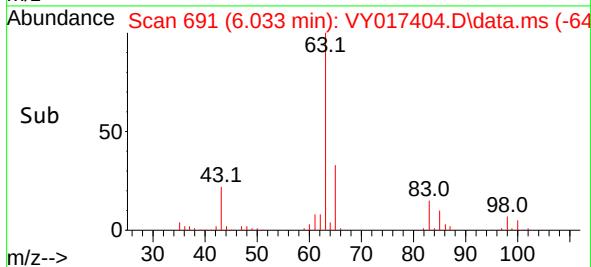
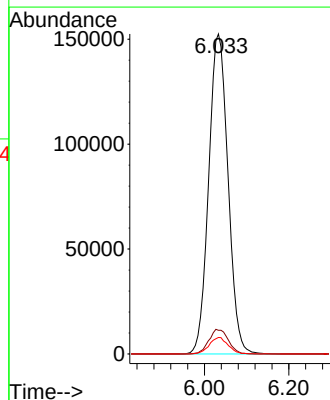
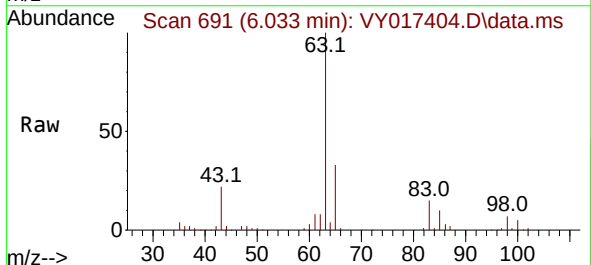
Manual Integrations
 APPROVED

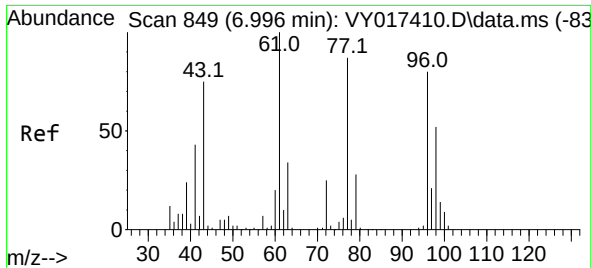
Reviewed By :Mahesh Dadoda 02/20/2024
 Supervised By :Semsettin Yesilyurt 02/20/2024



#24
 1,1-Dichloroethane
 Concen: 113.627 ug/l
 RT: 6.033 min Scan# 691
 Delta R.T. 0.000 min
 Lab File: VY017404.D
 Acq: 19 Feb 2024 11:22

Tgt Ion: 63 Resp: 484990
 Ion Ratio Lower Upper
 63 100
 98 7.4 3.2 9.6
 100 5.1 2.4 7.2





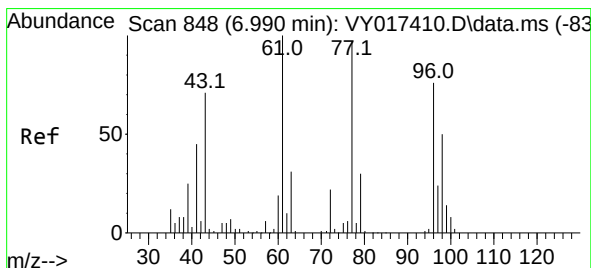
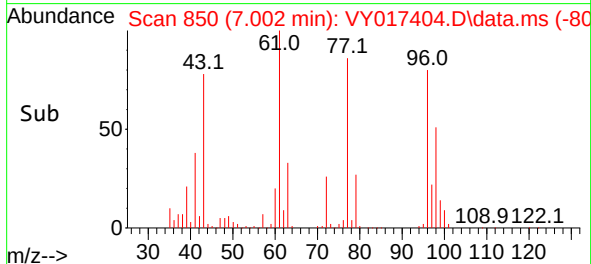
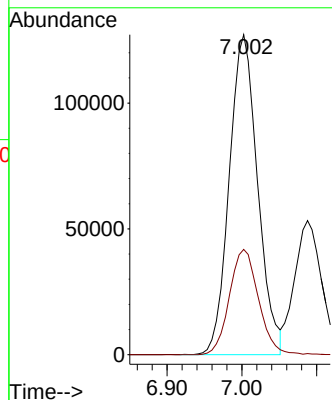
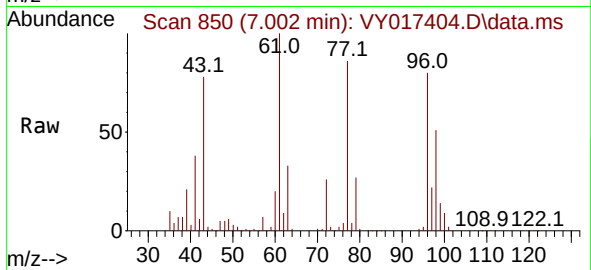
#25
2-Butanone
Concen: 465.751 ug/l
RT: 7.002 min Scan# 850
Delta R.T. 0.006 min
Lab File: VY017404.D
Acq: 19 Feb 2024 11:22

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Tgt Ion: 43 Resp: 33604
Ion Ratio Lower Upper
43 100
72 32.9 22.1 33.1

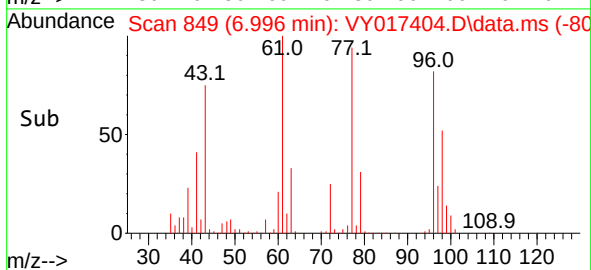
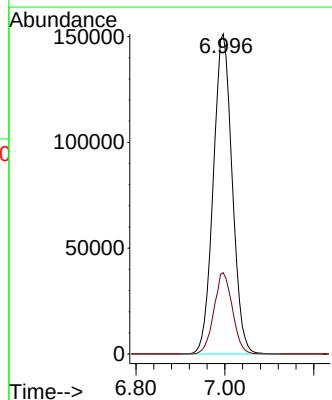
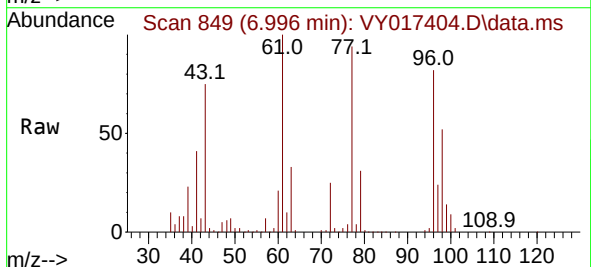
Manual Integrations
APPROVED

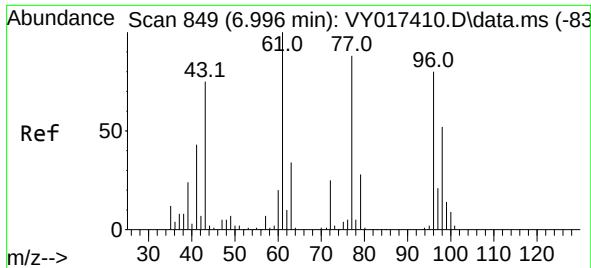
Reviewed By :Mahesh Dadoda 02/20/2024
Supervised By :Semsettin Yesilyurt 02/20/2024



#26
2,2-Dichloropropane
Concen: 122.824 ug/l
RT: 6.996 min Scan# 849
Delta R.T. 0.000 min
Lab File: VY017404.D
Acq: 19 Feb 2024 11:22

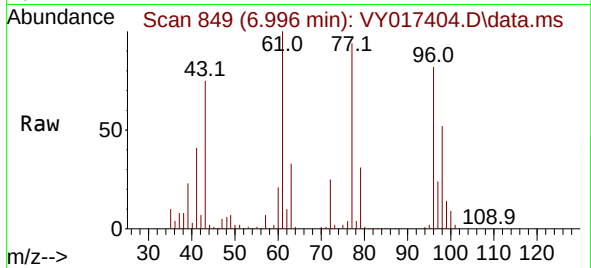
Tgt Ion: 77 Resp: 445725
Ion Ratio Lower Upper
77 100
97 24.8 11.6 34.7





#27
cis-1,2-Dichloroethene
Concen: 131.768 ug/l
RT: 6.996 min Scan# 849
Delta R.T. -0.006 min
Lab File: VY017404.D
Acq: 19 Feb 2024 11:22

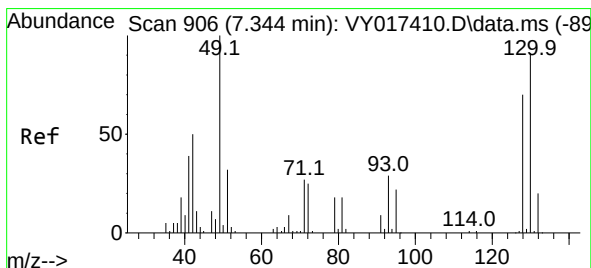
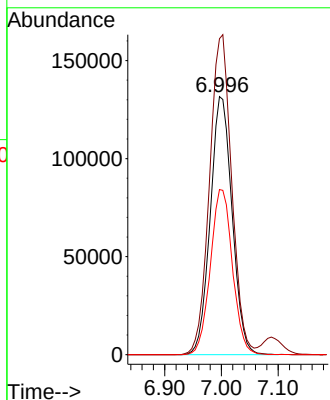
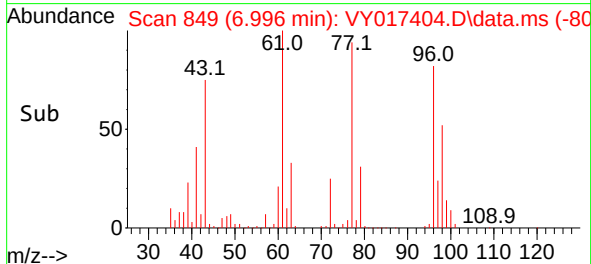
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150



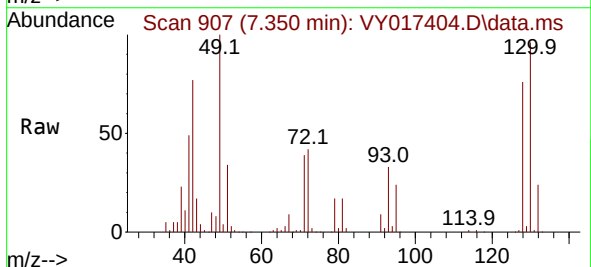
Tgt Ion: 96 Resp: 35270
Ion Ratio Lower Upper
96 100
61 125.7 0.0 283.8
98 64.6 0.0 128.6

Manual Integrations
APPROVED

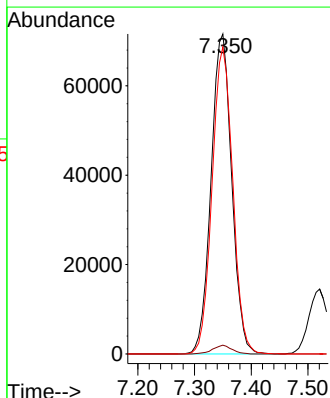
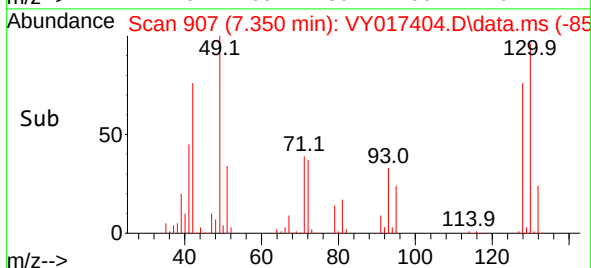
Reviewed By :Mahesh Dadoda 02/20/2024
Supervised By :Semsettin Yesilyurt 02/20/2024

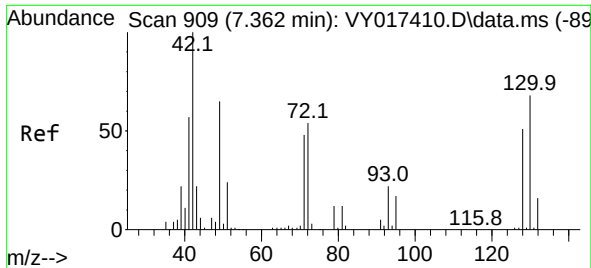


#28
Bromochloromethane
Concen: 99.903 ug/l
RT: 7.350 min Scan# 907
Delta R.T. 0.006 min
Lab File: VY017404.D
Acq: 19 Feb 2024 11:22



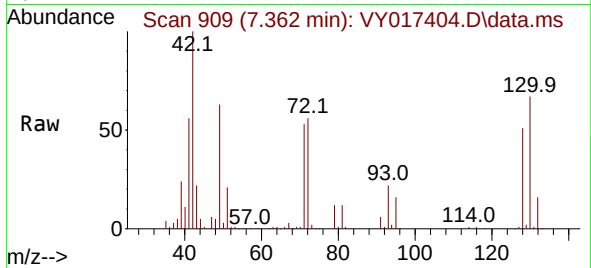
Tgt Ion: 49 Resp: 181321
Ion Ratio Lower Upper
49 100
129 2.6 0.0 3.8
130 95.5 57.4 86.2#





#29
Tetrahydrofuran
Concen: 488.429 ug/l
RT: 7.362 min Scan# 909
Delta R.T. 0.000 min
Lab File: VY017404.D
Acq: 19 Feb 2024 11:22

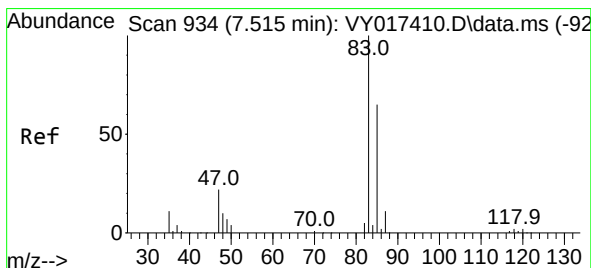
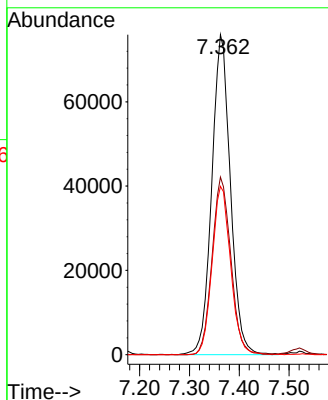
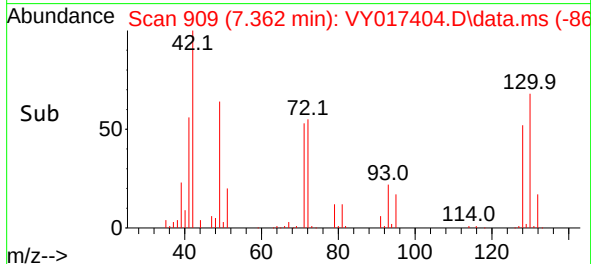
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150



Tgt Ion: 42 Resp: 197325
Ion Ratio Lower Upper
42 100
72 55.6 35.7 53.5
71 52.4 33.6 50.4

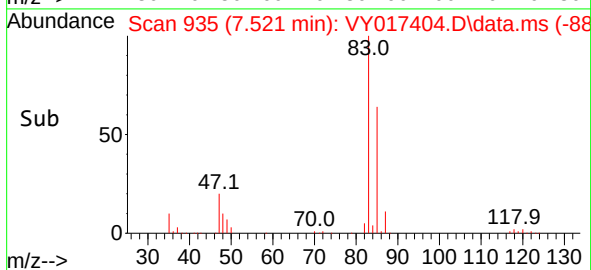
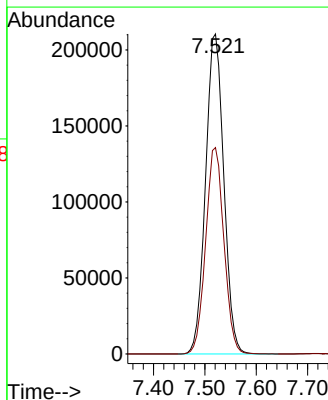
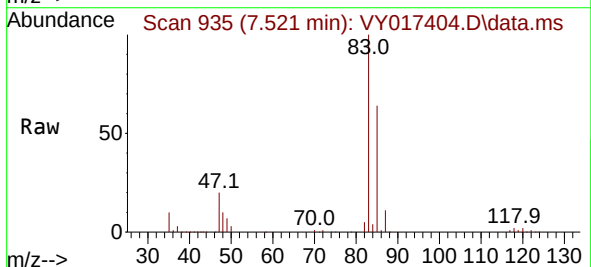
Manual Integrations
APPROVED

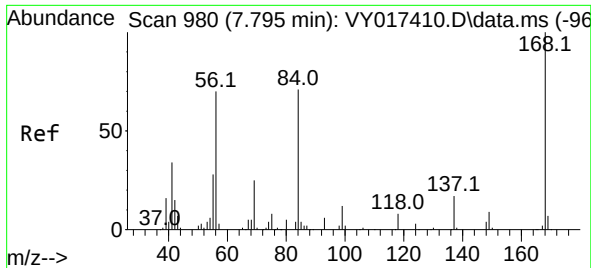
Reviewed By :Mahesh Dadoda 02/20/2024
Supervised By :Semsettin Yesilyurt 02/20/2024



#30
Chloroform
Concen: 120.309 ug/l
RT: 7.521 min Scan# 935
Delta R.T. 0.000 min
Lab File: VY017404.D
Acq: 19 Feb 2024 11:22

Tgt Ion: 83 Resp: 518664
Ion Ratio Lower Upper
83 100
85 64.5 49.9 74.9





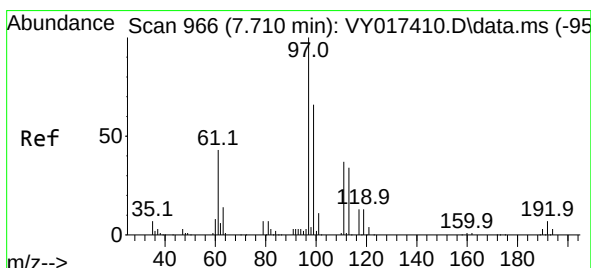
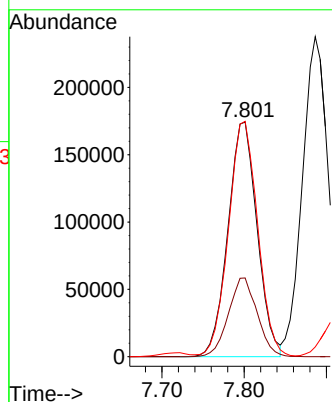
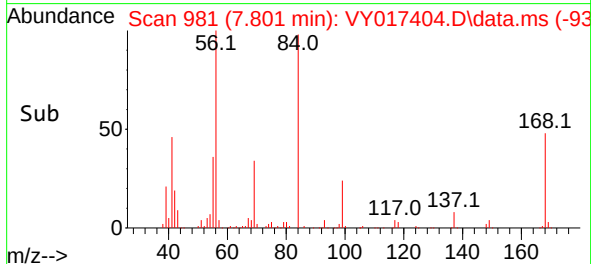
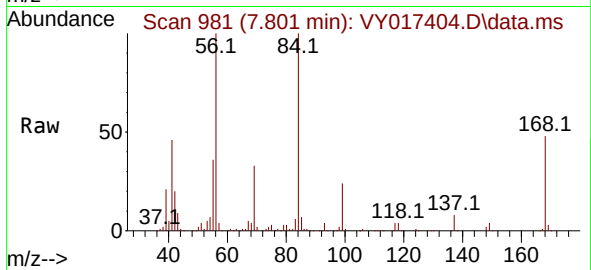
#31
Cyclohexane
Concen: 109.024 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY017404.D
Acq: 19 Feb 2024 11:22

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tgt Ion: 56 Resp: 43075
Ion Ratio Lower Upper
56 100
69 33.6 25.2 37.8
84 98.6 68.2 102.4

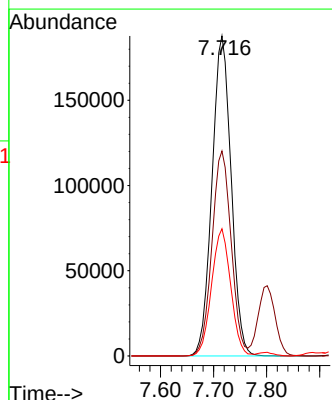
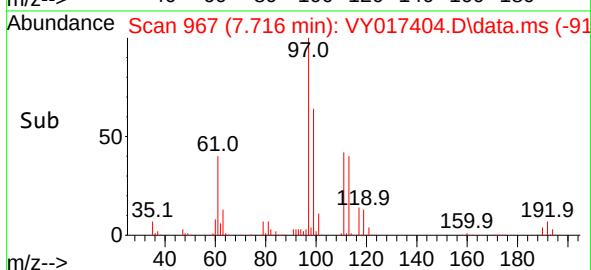
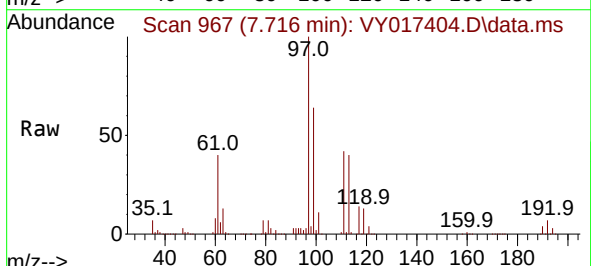
Manual Integrations
APPROVED

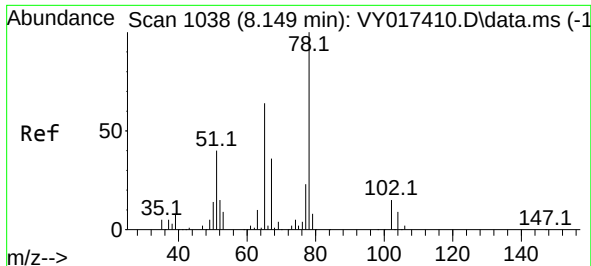
Reviewed By :Mahesh Dadoda 02/20/2024
Supervised By :Semsettin Yesilyurt 02/20/2024



#32
1,1,1-Trichloroethane
Concen: 126.712 ug/l
RT: 7.716 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY017404.D
Acq: 19 Feb 2024 11:22

Tgt Ion: 97 Resp: 470782
Ion Ratio Lower Upper
97 100
99 64.5 52.6 78.8
61 39.9 36.4 54.6





#33

1,2-Dichloroethane-d4

Concen: 109.490 ug/l

RT: 8.155 min Scan# 1109

Delta R.T. 0.000 min

Lab File: VY017404.D

Acq: 19 Feb 2024 11:22

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

Tgt Ion: 65 Resp: 224770

Ion Ratio Lower Upper

65 100

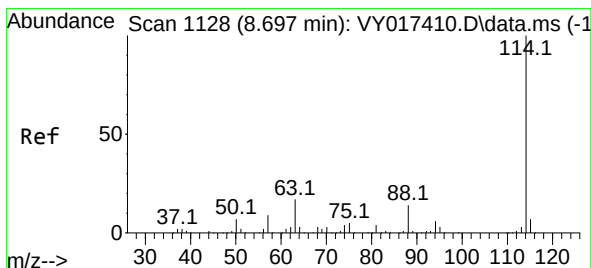
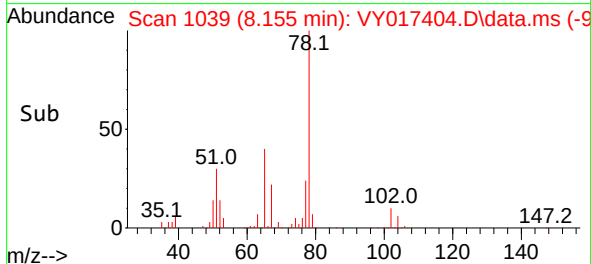
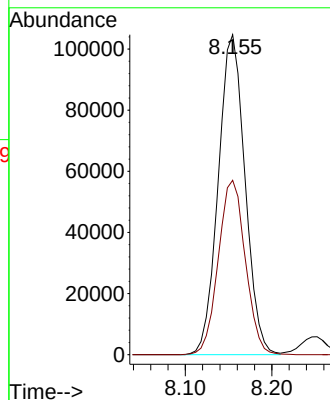
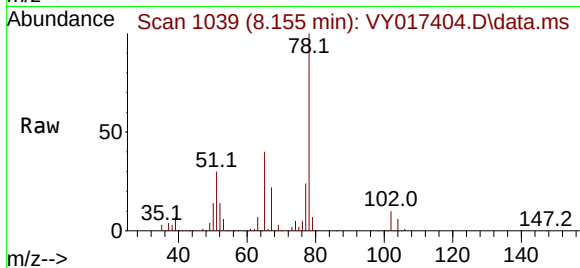
67 55.1 0.0 108.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/20/2024

Supervised By :Semsettin Yesilyurt 02/20/2024



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.703 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VY017404.D

Acq: 19 Feb 2024 11:22

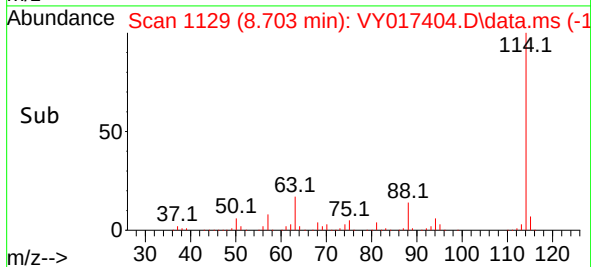
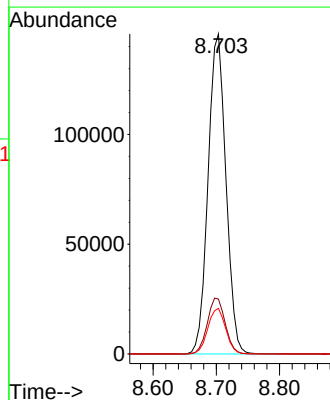
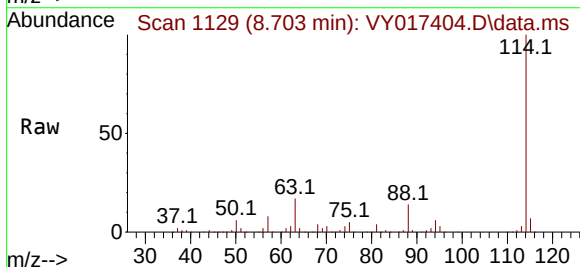
Tgt Ion:114 Resp: 285820

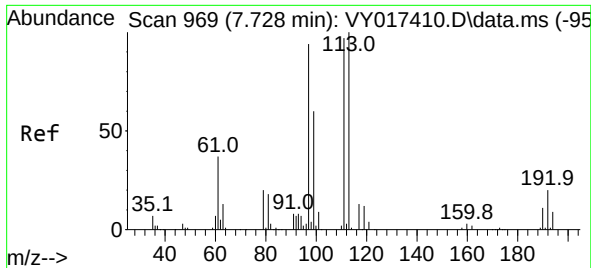
Ion Ratio Lower Upper

114 100

63 17.1 0.0 40.0

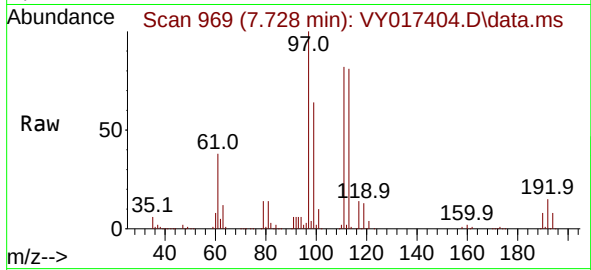
88 14.2 0.0 30.2





#35
Dibromofluoromethane
Concen: 144.752 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY017404.D
Acq: 19 Feb 2024 11:22

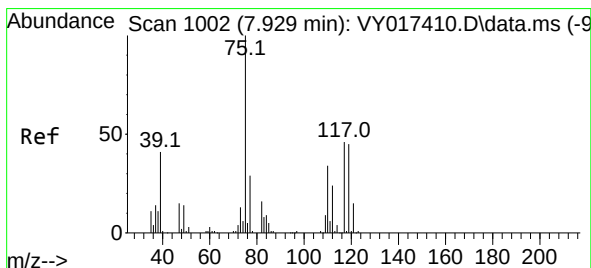
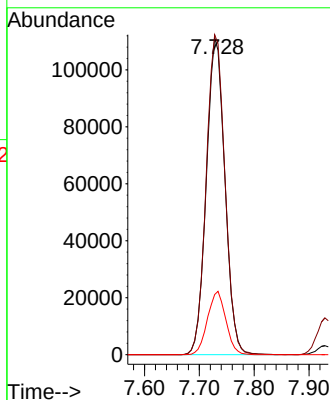
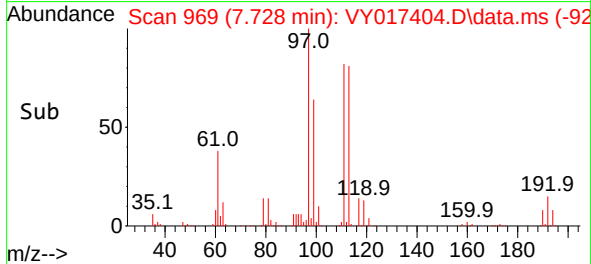
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150



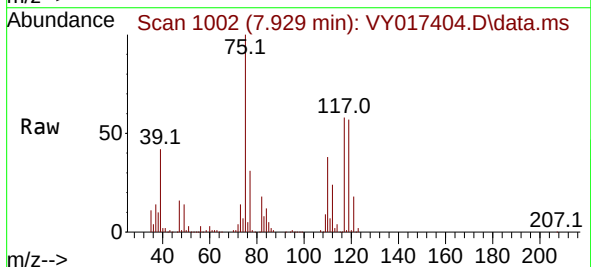
Tgt Ion:113 Resp: 261214
Ion Ratio Lower Upper
113 100
111 102.0 82.1 123.1
192 19.8 14.1 21.1

Manual Integrations
APPROVED

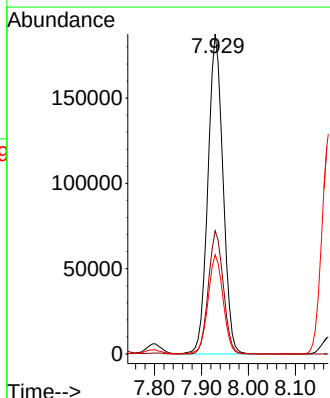
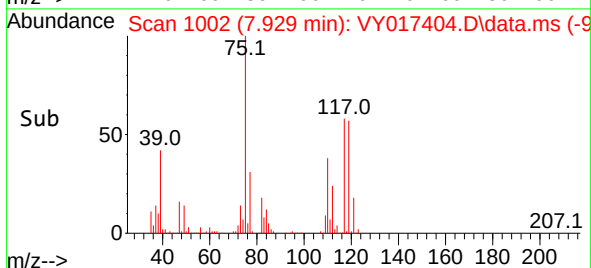
Reviewed By :Mahesh Dadoda 02/20/2024
Supervised By :Semsettin Yesilyurt 02/20/2024

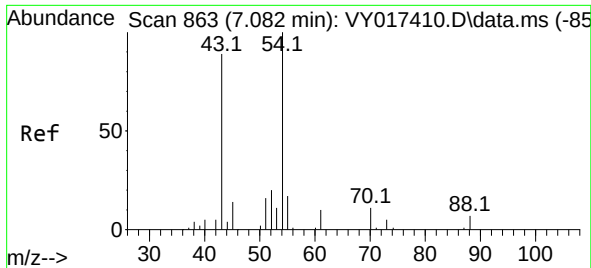


#36
1,1-Dichloropropene
Concen: 138.145 ug/l
RT: 7.929 min Scan# 1002
Delta R.T. 0.000 min
Lab File: VY017404.D
Acq: 19 Feb 2024 11:22



Tgt Ion: 75 Resp: 416983
Ion Ratio Lower Upper
75 100
110 38.2 17.0 51.0
77 31.1 24.6 37.0





#37

Ethyl Acetate

Concen: 105.499 ug/l

RT: 7.088 min Scan# 863

Delta R.T. 0.000 min

Lab File: VY017404.D

Acq: 19 Feb 2024 11:22

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC150

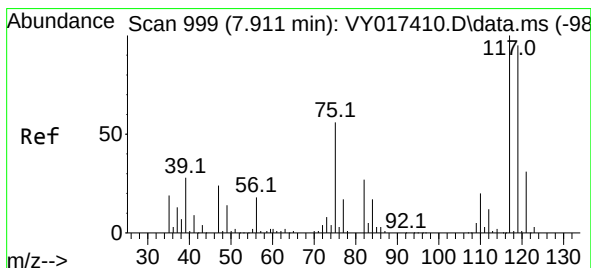
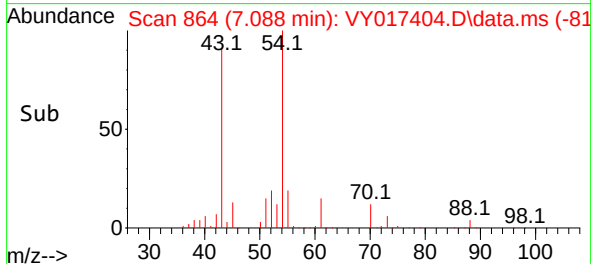
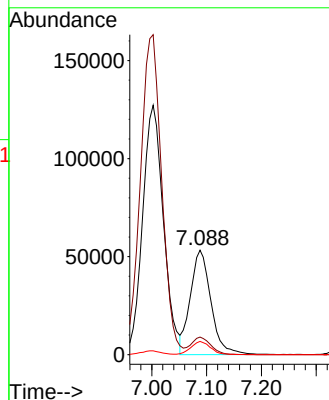
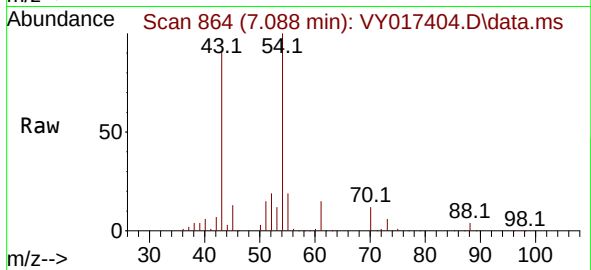
Tgt Ion: 43 Resp: 13904

Ion	Ratio	Lower	Upper
43	100		
61	16.2	11.1	16.7
70	12.1	7.8	11.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/20/2024
Supervised By :Semsettin Yesilyurt 02/20/2024



#38

Carbon Tetrachloride

Concen: 148.932 ug/l

RT: 7.911 min Scan# 999

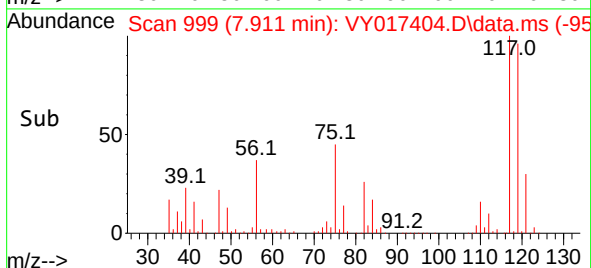
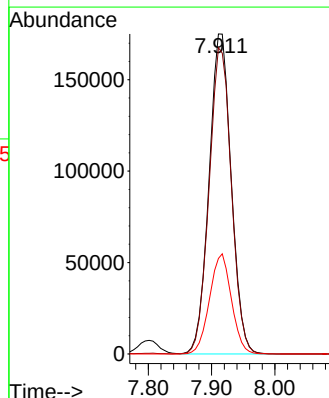
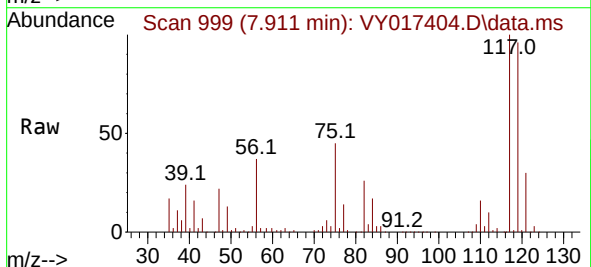
Delta R.T. -0.006 min

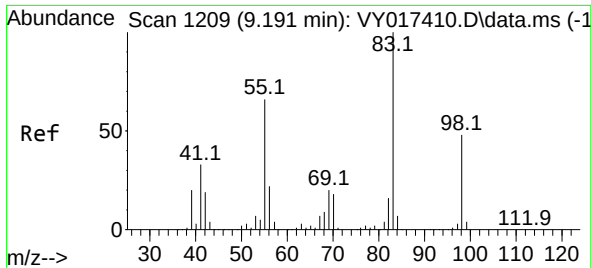
Lab File: VY017404.D

Acq: 19 Feb 2024 11:22

Tgt Ion:117 Resp: 427713

Ion	Ratio	Lower	Upper
117	100		
119	95.7	79.3	118.9
121	29.8	24.0	36.0





#39

Methylcyclohexane

Concen: 154.494 ug/l

RT: 9.197 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY017404.D

Acq: 19 Feb 2024 11:22

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

Tgt Ion: 83 Resp: 54781

Ion Ratio Lower Upper

83 100

55 64.9 57.8 86.8

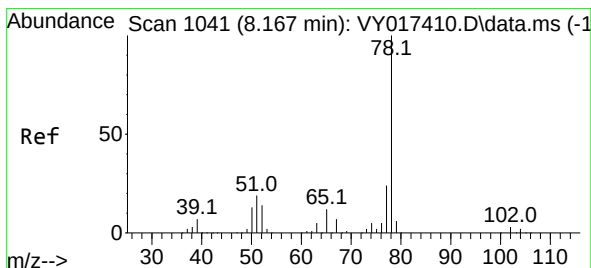
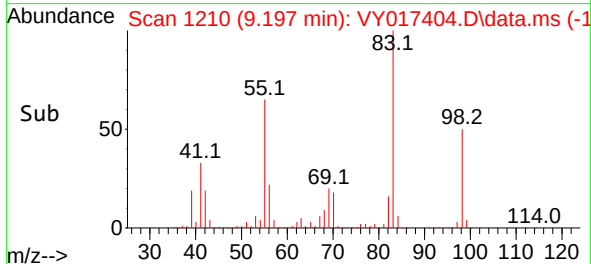
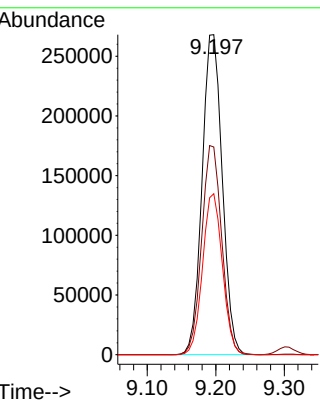
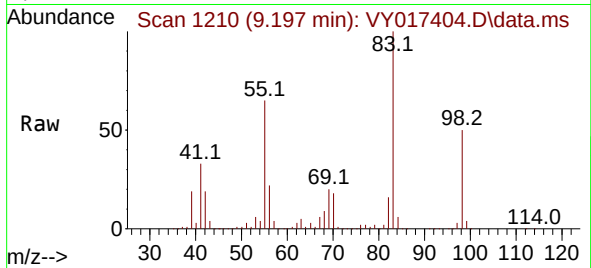
98 50.3 38.2 57.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/20/2024

Supervised By :Semsettin Yesilyurt 02/20/2024



#40

Benzene

Concen: 140.432 ug/l

RT: 8.173 min Scan# 1042

Delta R.T. 0.000 min

Lab File: VY017404.D

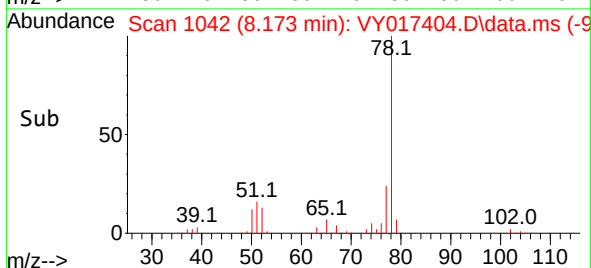
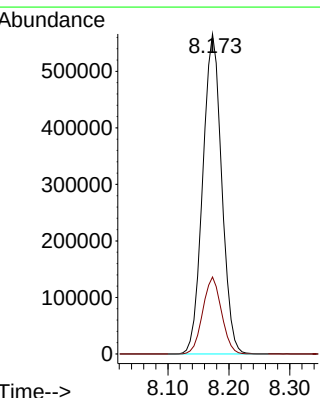
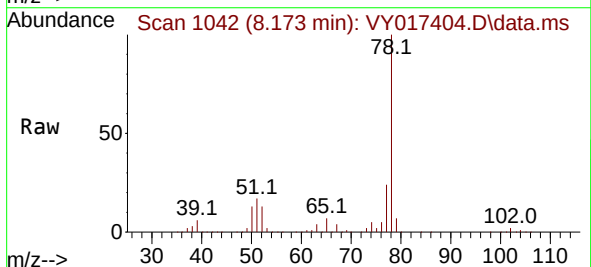
Acq: 19 Feb 2024 11:22

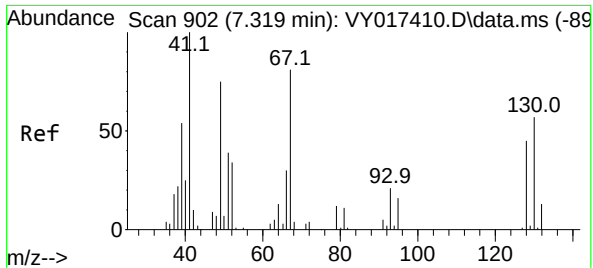
Tgt Ion: 78 Resp: 1219399

Ion Ratio Lower Upper

78 100

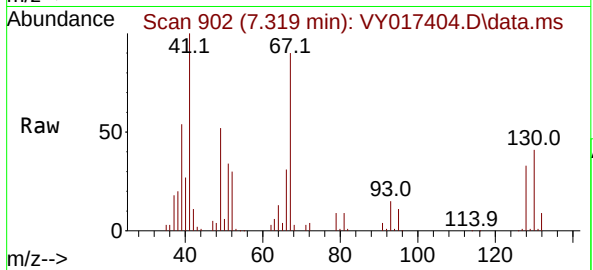
77 24.0 18.4 27.6





#41
Methacrylonitrile
Concen: 110.194 ug/l
RT: 7.319 min Scan# 902
Delta R.T. 0.000 min
Lab File: VY017404.D
Acq: 19 Feb 2024 11:22

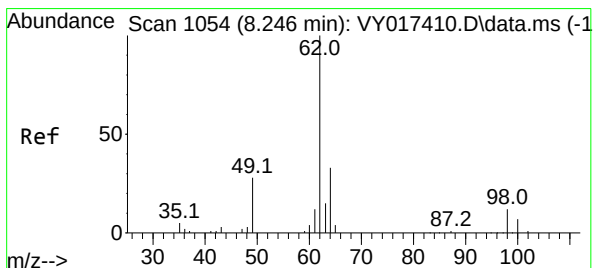
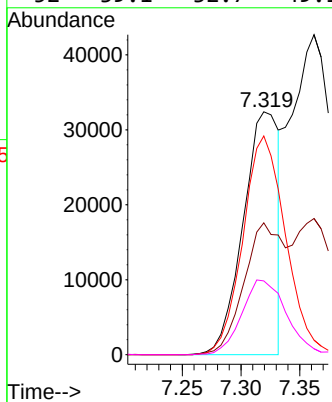
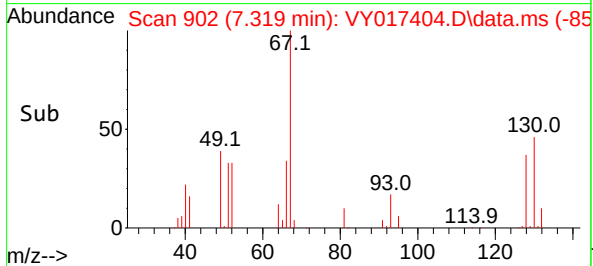
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150



Tgt Ion: 41 Resp: 6832
Ion Ratio Lower Upper
41 100
39 59.9 51.2 76.8
67 108.5 79.0 118.6
52 39.1 32.7 49.1

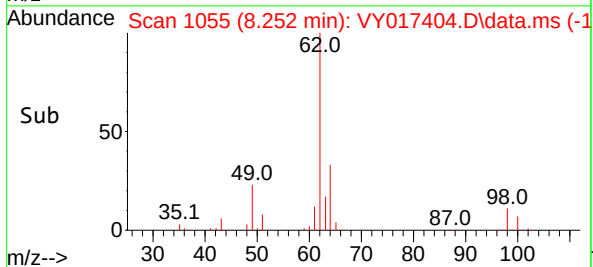
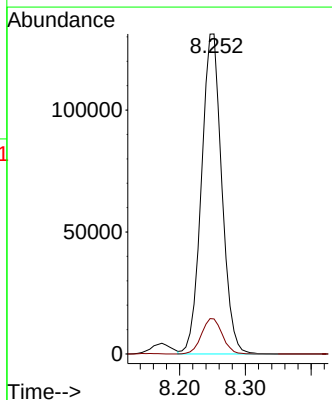
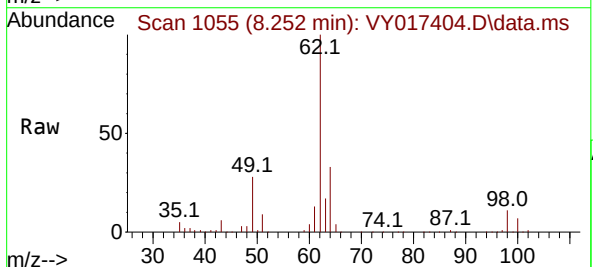
Manual Integrations
APPROVED

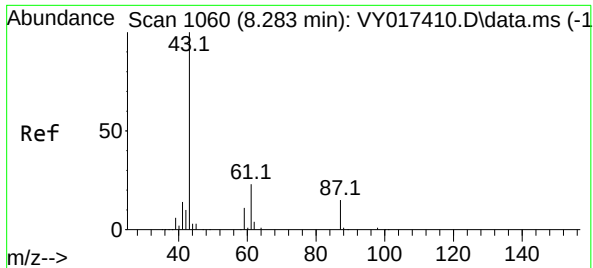
Reviewed By :Mahesh Dadoda 02/20/2024
Supervised By :Semsettin Yesilyurt 02/20/2024



#42
1,2-Dichloroethane
Concen: 124.949 ug/l
RT: 8.252 min Scan# 1055
Delta R.T. 0.000 min
Lab File: VY017404.D
Acq: 19 Feb 2024 11:22

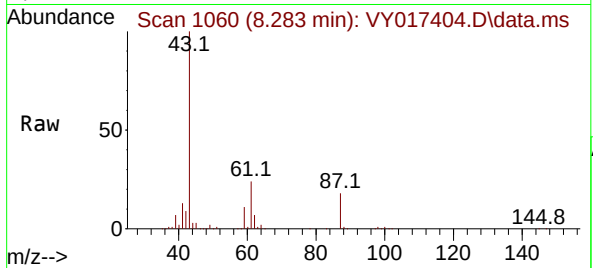
Tgt Ion: 62 Resp: 282589
Ion Ratio Lower Upper
62 100
98 11.3 0.0 20.2





#43
Isopropyl Acetate
Concen: 116.776 ug/l
RT: 8.283 min Scan# 1060
Delta R.T. 0.000 min
Lab File: VY017404.D
Acq: 19 Feb 2024 11:22

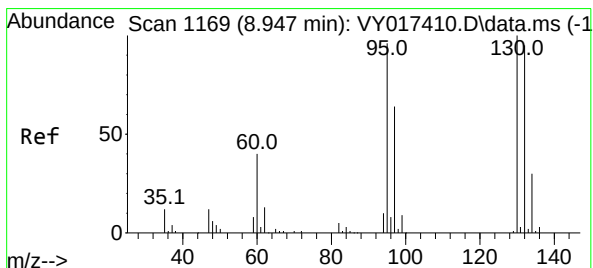
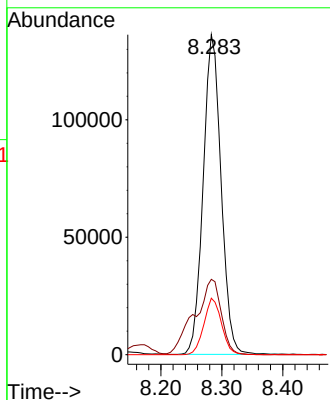
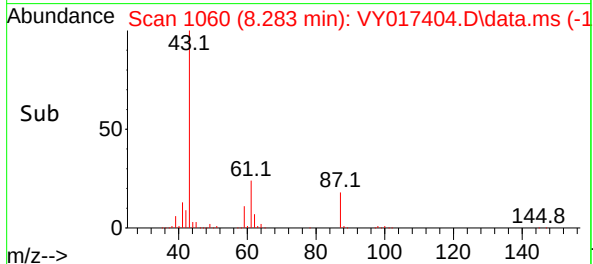
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150



Tgt Ion: 43 Resp: 278310
Ion Ratio Lower Upper
43 100
61 35.0 24.6 36.8
87 17.4 10.6 15.8

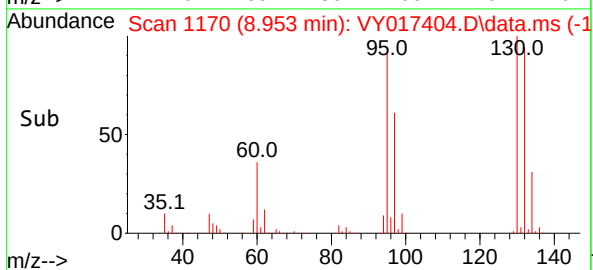
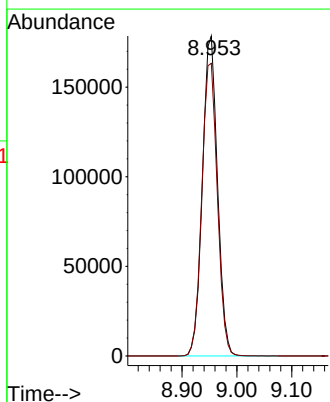
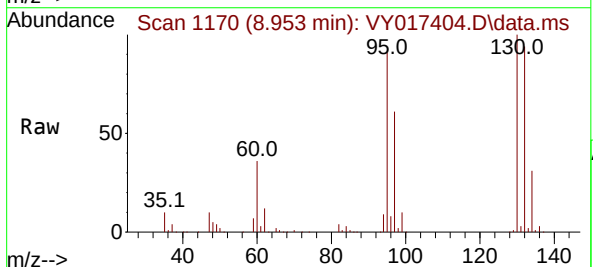
Manual Integrations
APPROVED

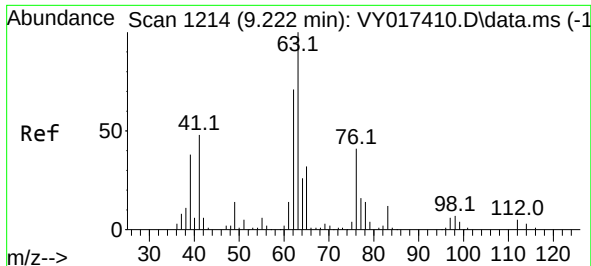
Reviewed By :Mahesh Dadoda 02/20/2024
Supervised By :Semsettin Yesilyurt 02/20/2024



#44
Trichloroethene
Concen: 154.764 ug/l
RT: 8.953 min Scan# 1170
Delta R.T. 0.000 min
Lab File: VY017404.D
Acq: 19 Feb 2024 11:22

Tgt Ion:130 Resp: 339724
Ion Ratio Lower Upper
130 100
95 91.5 0.0 198.4





#45

1,2-Dichloropropane

Concen: 131.391 ug/l

RT: 9.228 min Scan# 1214

Delta R.T. 0.000 min

Lab File: VY017404.D

Acq: 19 Feb 2024 11:22

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

Tgt Ion: 63 Resp: 28388

Ion Ratio Lower Upper

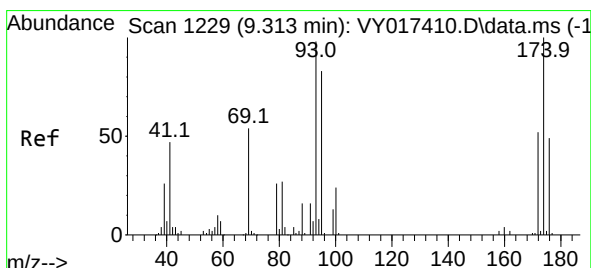
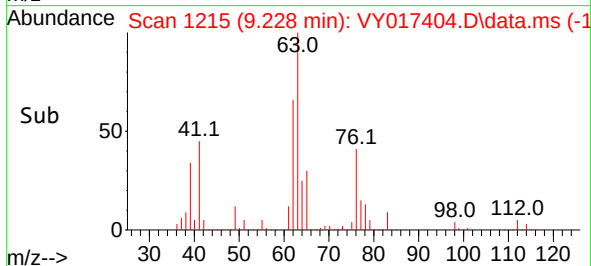
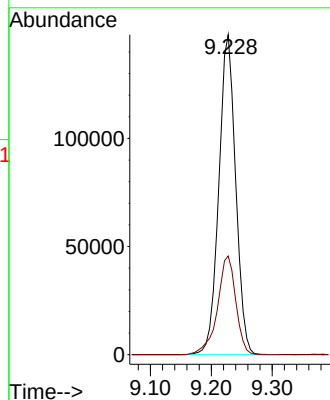
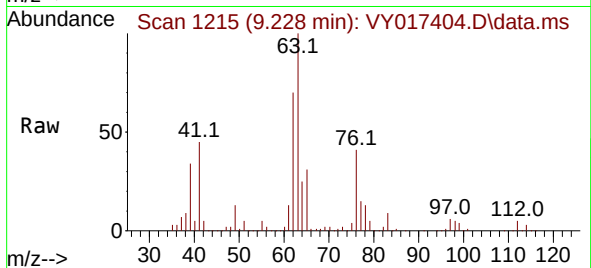
63 100

65 30.8 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/20/2024
Supervised By :Semsettin Yesilyurt 02/20/2024



#46

Dibromomethane

Concen: 141.983 ug/l

RT: 9.313 min Scan# 1229

Delta R.T. -0.006 min

Lab File: VY017404.D

Acq: 19 Feb 2024 11:22

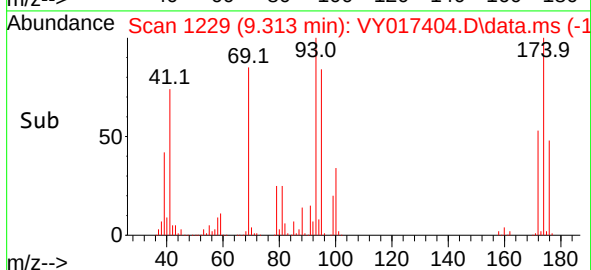
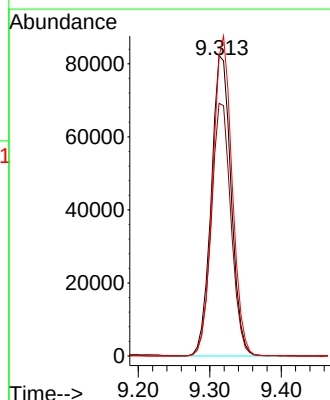
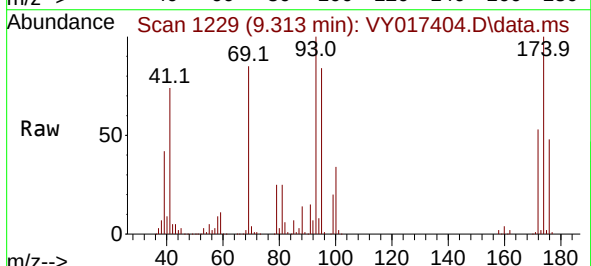
Tgt Ion: 93 Resp: 158876

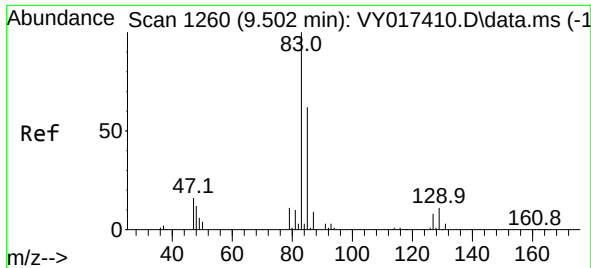
Ion Ratio Lower Upper

93 100

95 83.3 65.8 98.8

174 104.1 67.5 101.3





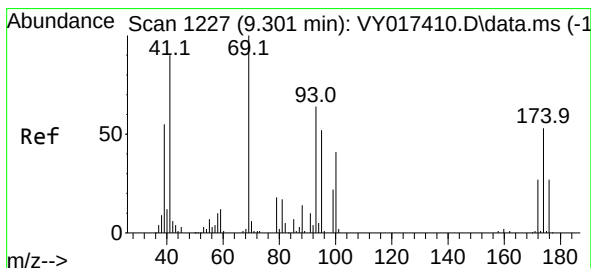
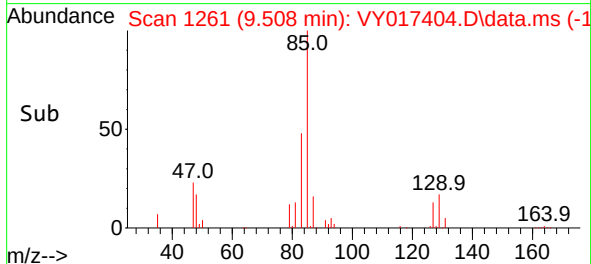
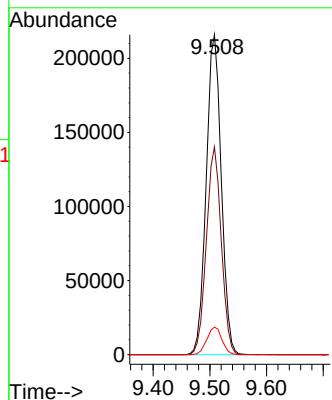
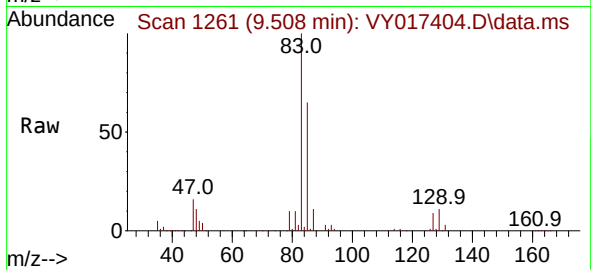
#47
Bromodichloromethane
Concen: 141.410 ug/l
RT: 9.508 min Scan# 1260
Delta R.T. 0.000 min
Lab File: VY017404.D
Acq: 19 Feb 2024 11:22

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tgt Ion: 83 Resp: 39816
Ion Ratio Lower Upper
83 100
85 65.0 52.2 78.2
127 8.6 6.8 10.2

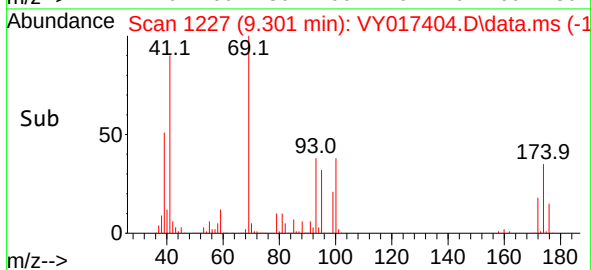
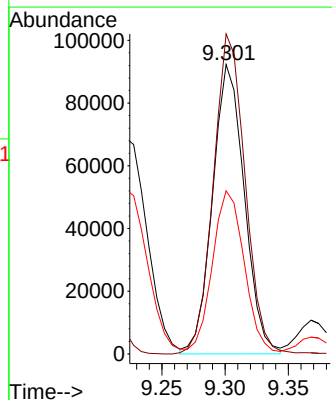
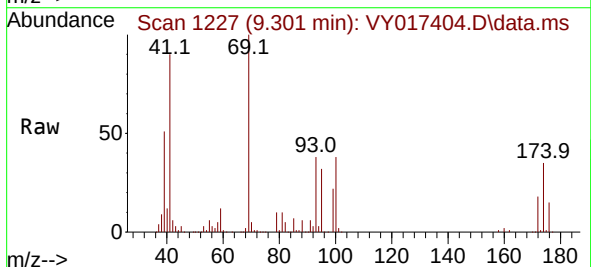
Manual Integrations
APPROVED

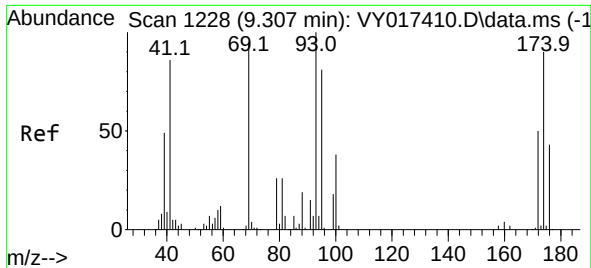
Reviewed By :Mahesh Dadoda 02/20/2024
Supervised By :Semsettin Yesilyurt 02/20/2024



#48
Methyl methacrylate
Concen: 133.980 ug/l
RT: 9.301 min Scan# 1227
Delta R.T. -0.000 min
Lab File: VY017404.D
Acq: 19 Feb 2024 11:22

Tgt Ion: 41 Resp: 161196
Ion Ratio Lower Upper
41 100
69 110.5 72.9 109.3#
39 54.6 44.0 66.0





#49

1,4-Dioxane

Concen: 2837.845 ug/l

RT: 9.319 min Scan# 1228

Delta R.T. 0.012 min

Lab File: VY017404.D

Acq: 19 Feb 2024 11:22

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC150

Tgt Ion: 88 Resp: 3204

Ion Ratio Lower Upper

88 100

43 24.7 30.7 46.1

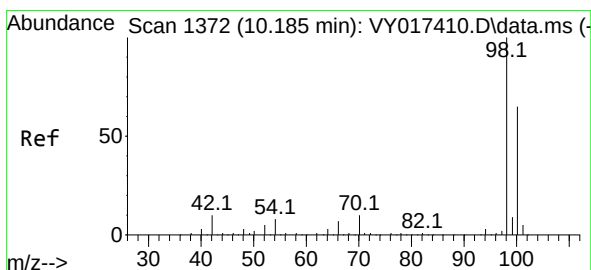
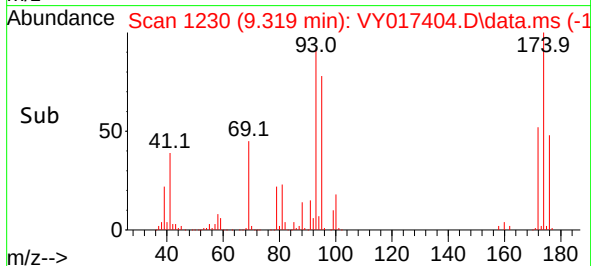
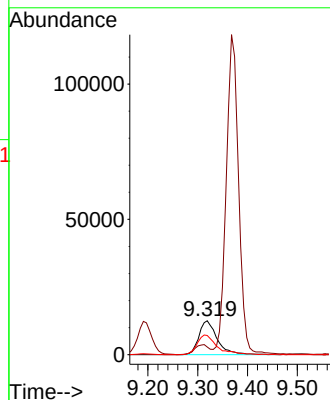
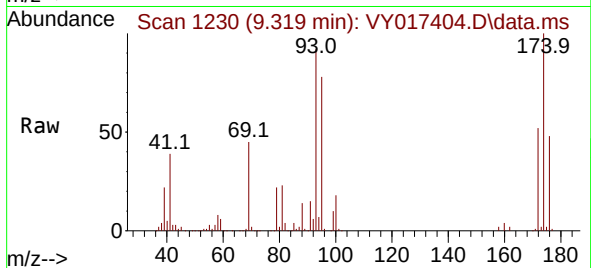
58 62.7 52.4 78.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/20/2024

Supervised By :Semsettin Yesilyurt 02/20/2024



#50

Toluene-d8

Concen: 147.084 ug/l

RT: 10.191 min Scan# 1373

Delta R.T. 0.000 min

Lab File: VY017404.D

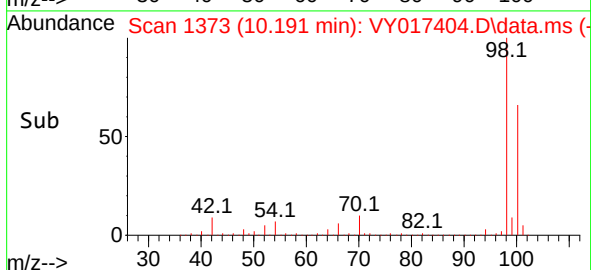
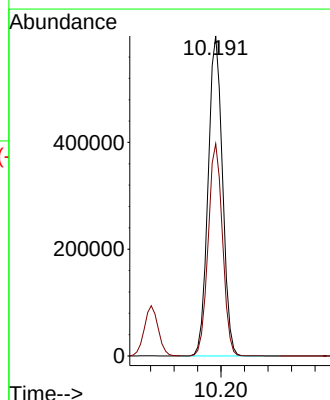
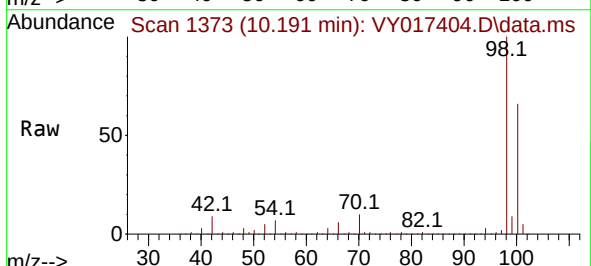
Acq: 19 Feb 2024 11:22

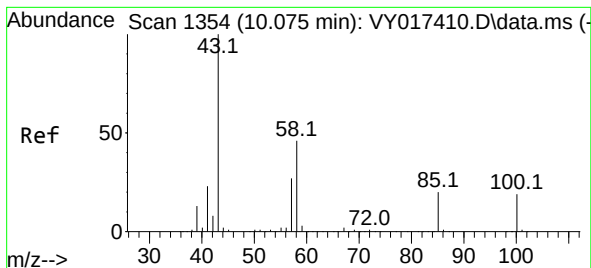
Tgt Ion: 98 Resp: 1017207

Ion Ratio Lower Upper

98 100

100 66.0 52.4 78.6





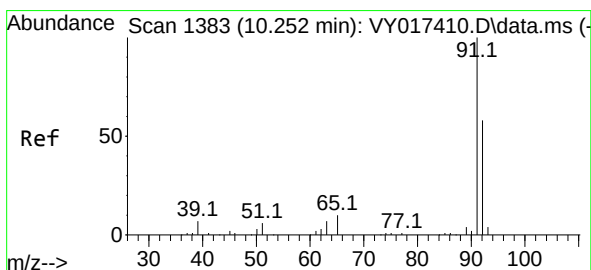
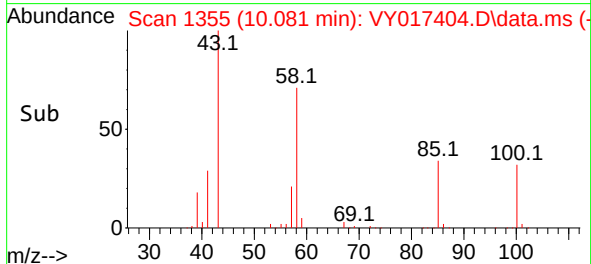
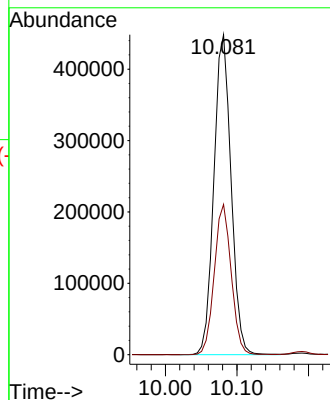
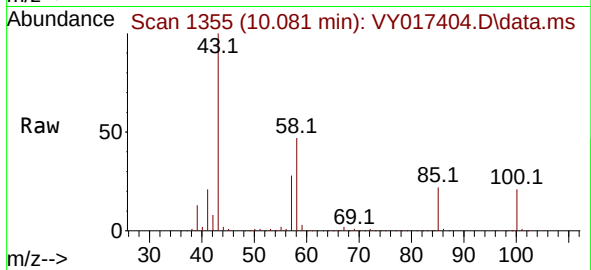
#51
4-Methyl-2-Pentanone
Concen: 582.593 ug/l
RT: 10.081 min Scan# 1355
Delta R.T. 0.000 min
Lab File: VY017404.D
Acq: 19 Feb 2024 11:22

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Tgt Ion: 43 Resp: 746922
Ion Ratio Lower Upper
43 100
58 46.3 32.2 48.2

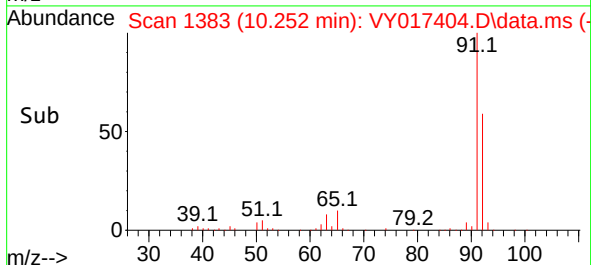
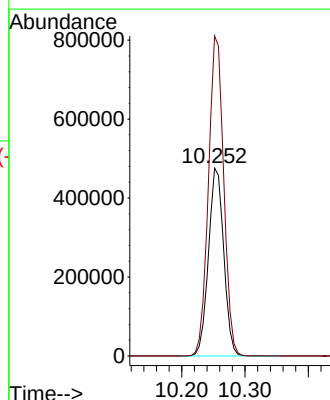
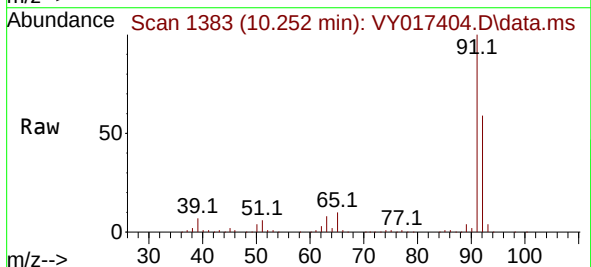
Manual Integrations
APPROVED

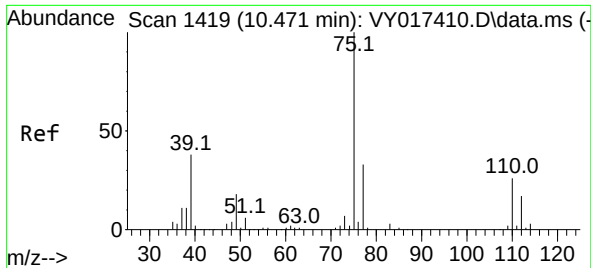
Reviewed By :Mahesh Dadoda 02/20/2024
Supervised By :Semsettin Yesilyurt 02/20/2024



#52
Toluene
Concen: 152.453 ug/l
RT: 10.252 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VY017404.D
Acq: 19 Feb 2024 11:22

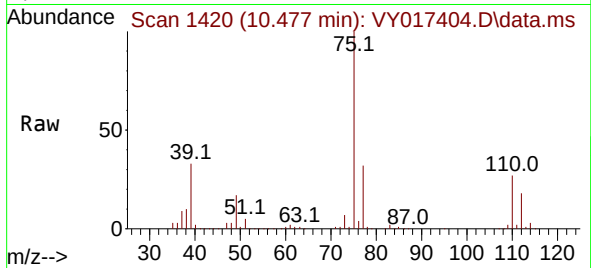
Tgt Ion: 92 Resp: 797372
Ion Ratio Lower Upper
92 100
91 171.0 138.2 207.2





#53
t-1,3-Dichloropropene
Concen: 144.828 ug/l
RT: 10.477 min Scan# 1419
Delta R.T. 0.006 min
Lab File: VY017404.D
Acq: 19 Feb 2024 11:22

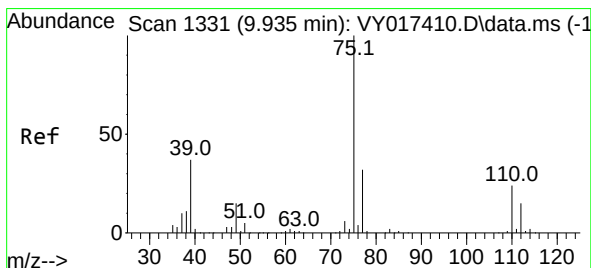
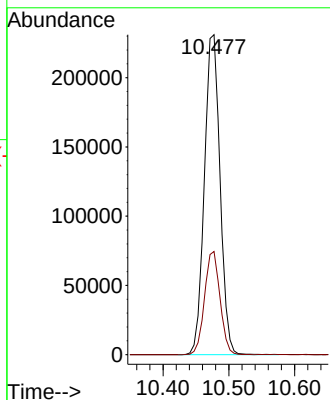
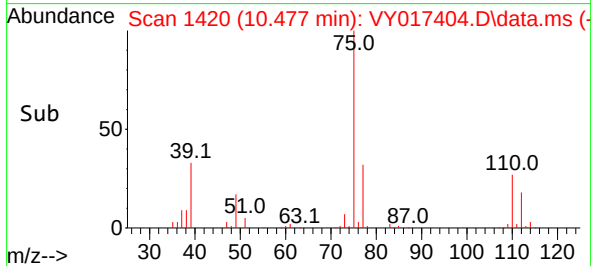
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150



Tgt Ion: 75 Resp: 382970
Ion Ratio Lower Upper
75 100
77 32.3 26.2 39.2

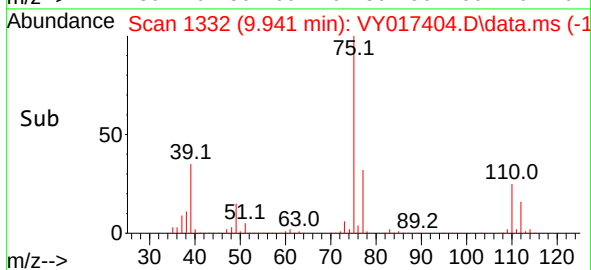
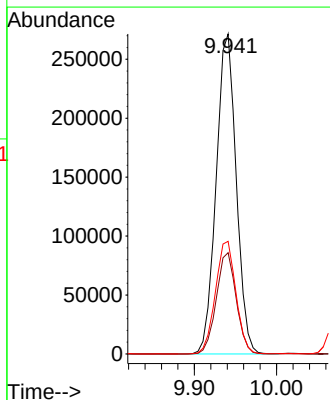
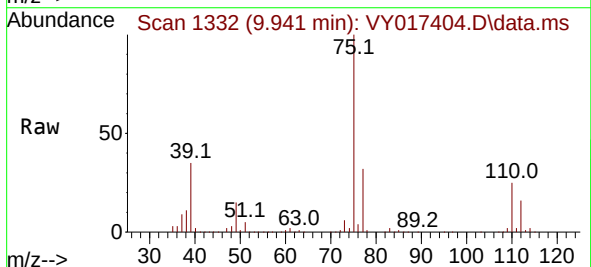
Manual Integrations
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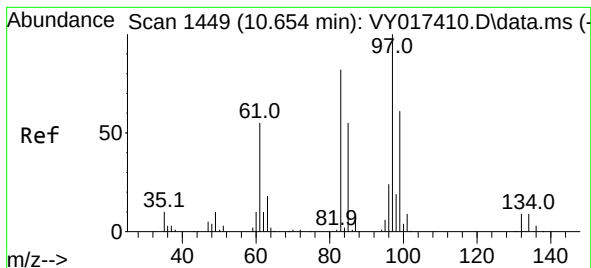
Reviewed By :Mahesh Dadoda 02/20/2024
Supervised By :Semsettin Yesilyurt 02/20/2024



#54
cis-1,3-Dichloropropene
Concen: 142.944 ug/l
RT: 9.941 min Scan# 1332
Delta R.T. 0.006 min
Lab File: VY017404.D
Acq: 19 Feb 2024 11:22

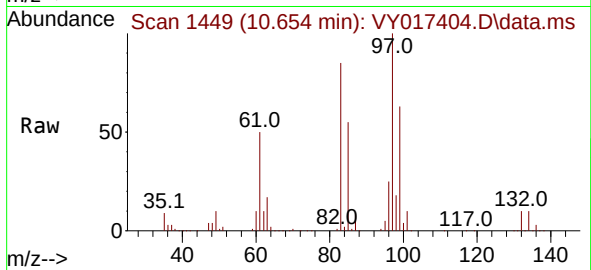
Tgt Ion: 75 Resp: 460470
Ion Ratio Lower Upper
75 100
77 31.7 25.6 38.4
39 35.2 35.8 53.6#





#55
1,1,2-Trichloroethane
Concen: 147.825 ug/l
RT: 10.654 min Scan# 1449
Delta R.T. 0.000 min
Lab File: VY017404.D
Acq: 19 Feb 2024 11:22

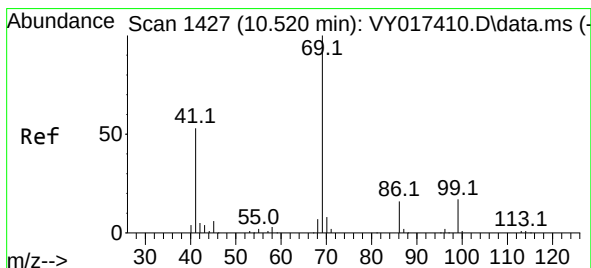
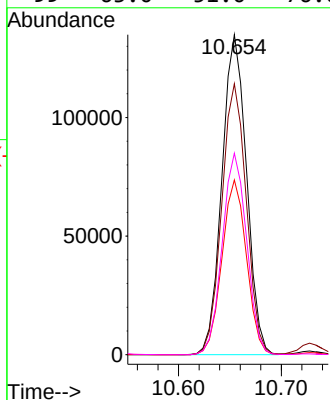
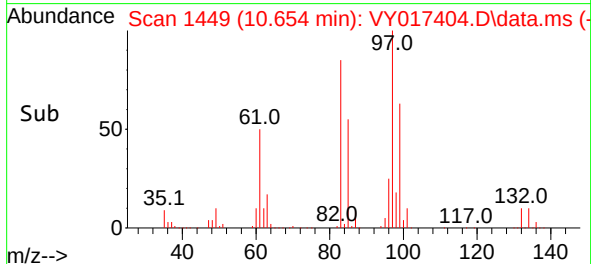
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150



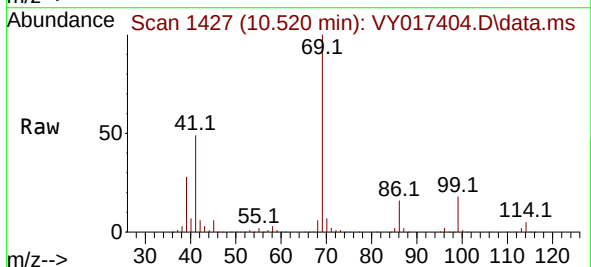
Tgt Ion:	97	Resp:	22440
Ion	Ratio	Lower	Upper
97	100		
83	84.7	69.4	104.0
85	54.6	45.0	67.4
99	63.0	51.0	76.6

Manual Integrations
APPROVED

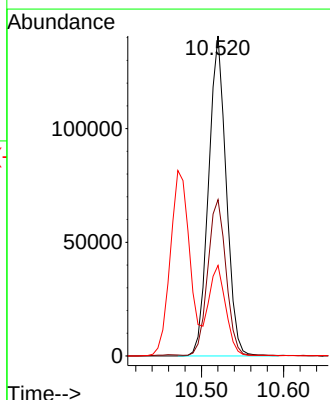
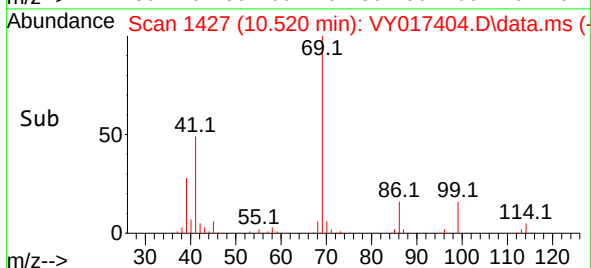
Reviewed By :Mahesh Dadoda 02/20/2024
Supervised By :Semsettin Yesilyurt 02/20/2024

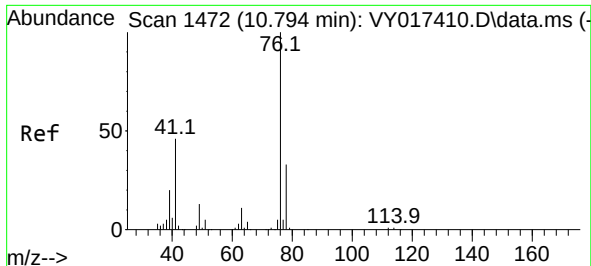


#56
Ethyl methacrylate
Concen: 134.199 ug/l
RT: 10.520 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VY017404.D
Acq: 19 Feb 2024 11:22



Tgt Ion:	69	Resp:	209681
Ion	Ratio	Lower	Upper
69	100		
41	50.5	49.9	74.9
39	26.1	27.9	41.9





#57

1,3-Dichloropropane

Concen: 138.213 ug/l

RT: 10.801 min Scan# 1472

Delta R.T. 0.000 min

Lab File: VY017404.D

Acq: 19 Feb 2024 11:22

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

Tgt Ion: 76 Resp: 364100

Ion Ratio Lower Upper

76 100

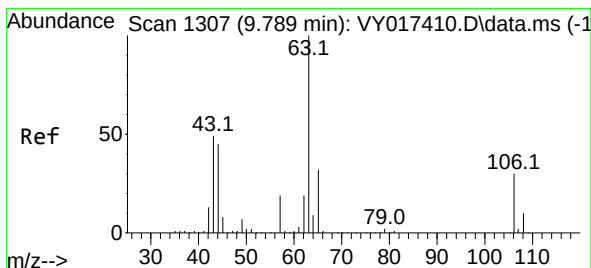
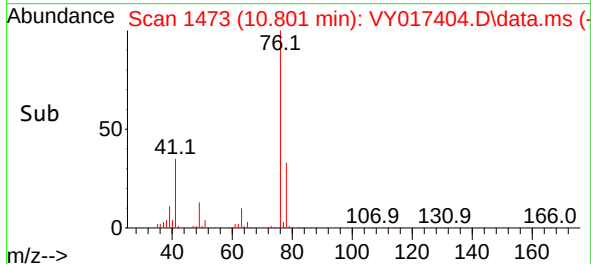
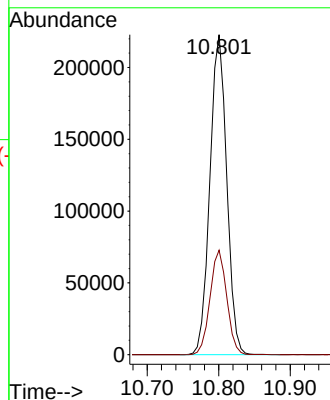
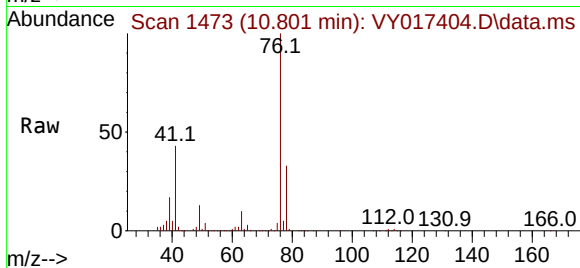
78 32.4 25.6 38.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/20/2024

Supervised By :Semsettin Yesilyurt 02/20/2024



#58

2-Chloroethyl Vinyl ether

Concen: 726.584 ug/l

RT: 9.795 min Scan# 1308

Delta R.T. 0.007 min

Lab File: VY017404.D

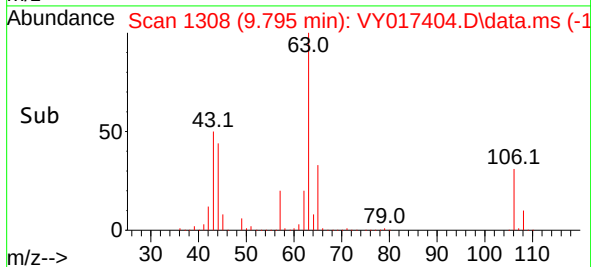
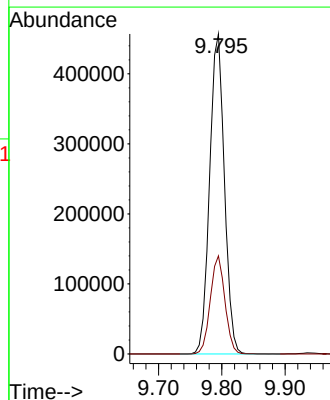
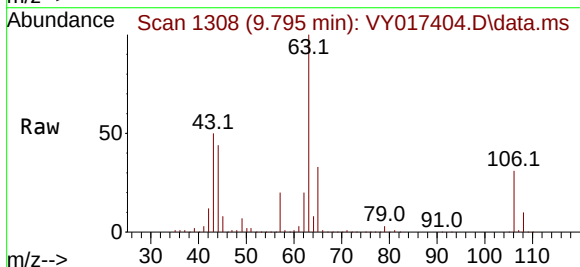
Acq: 19 Feb 2024 11:22

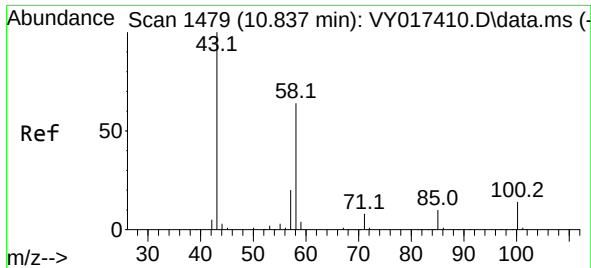
Tgt Ion: 63 Resp: 741283

Ion Ratio Lower Upper

63 100

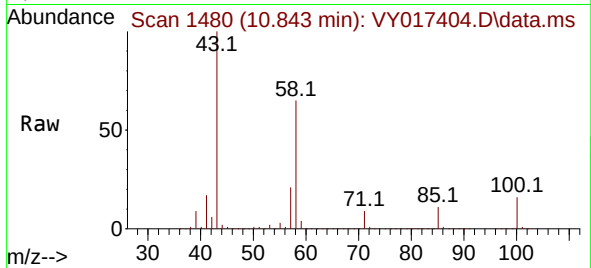
106 30.3 21.9 32.9





#59
2-Hexanone
Concen: 582.053 ug/l
RT: 10.843 min Scan# 1479
Delta R.T. 0.006 min
Lab File: VY017404.D
Acq: 19 Feb 2024 11:22

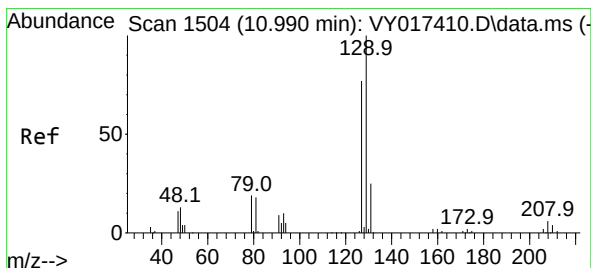
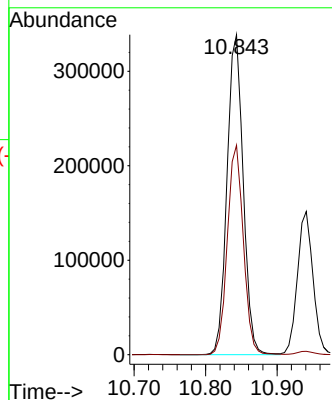
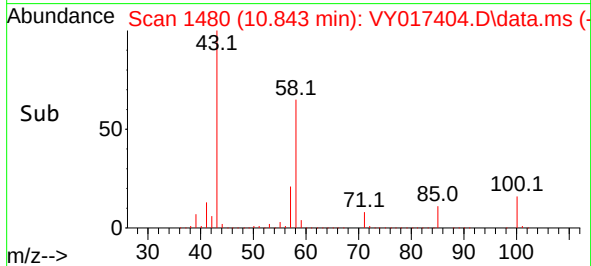
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150



Tgt Ion: 43 Resp: 53121
Ion Ratio Lower Upper
43 100
58 64.8 28.0 83.9

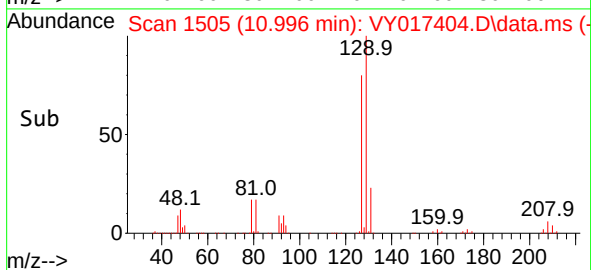
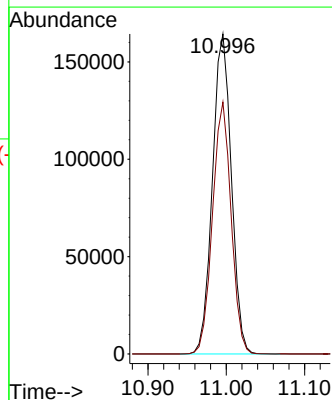
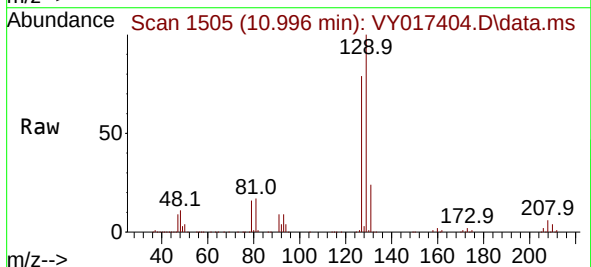
Manual Integrations
APPROVED

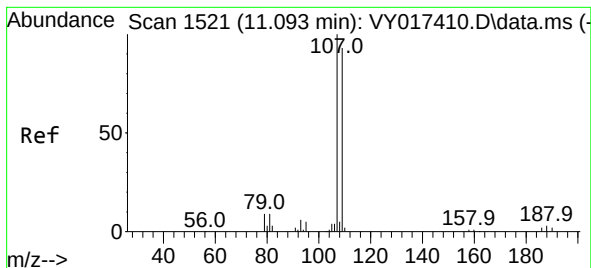
Reviewed By :Mahesh Dadoda 02/20/2024
Supervised By :Semsettin Yesilyurt 02/20/2024



#60
Dibromochloromethane
Concen: 157.300 ug/l
RT: 10.996 min Scan# 1505
Delta R.T. 0.000 min
Lab File: VY017404.D
Acq: 19 Feb 2024 11:22

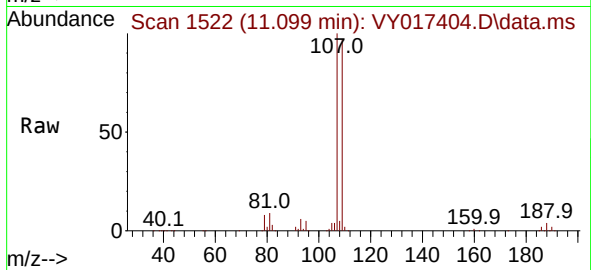
Tgt Ion:129 Resp: 275325
Ion Ratio Lower Upper
129 100
127 77.6 38.6 116.0





#61
1,2-Dibromoethane
Concen: 150.192 ug/l
RT: 11.099 min Scan# 1521
Delta R.T. 0.000 min
Lab File: VY017404.D
Acq: 19 Feb 2024 11:22

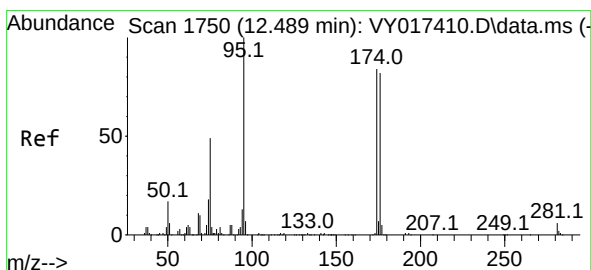
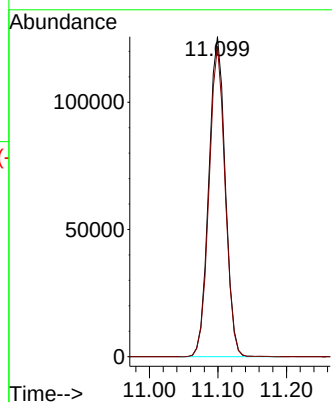
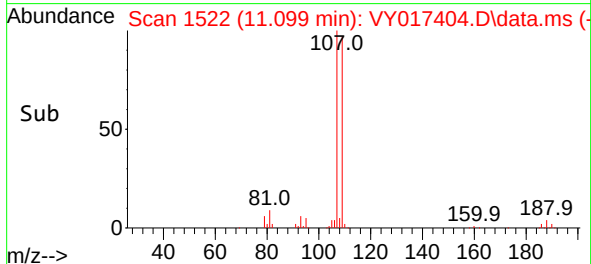
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150



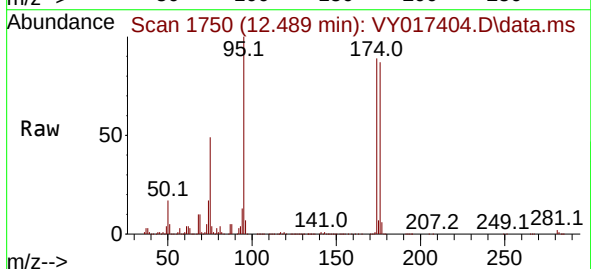
Tgt Ion:107 Resp: 209918
Ion Ratio Lower Upper
107 100
109 94.8 74.0 111.0

Manual Integrations
APPROVED

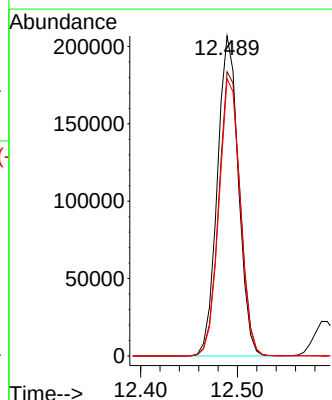
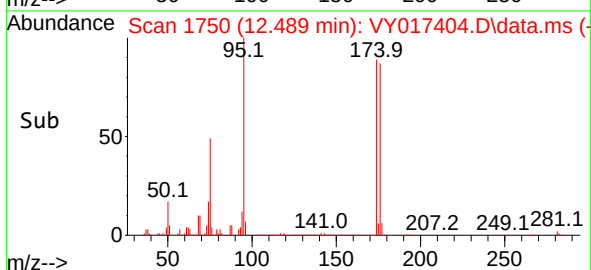
Reviewed By :Mahesh Dadoda 02/20/2024
Supervised By :Semsettin Yesilyurt 02/20/2024

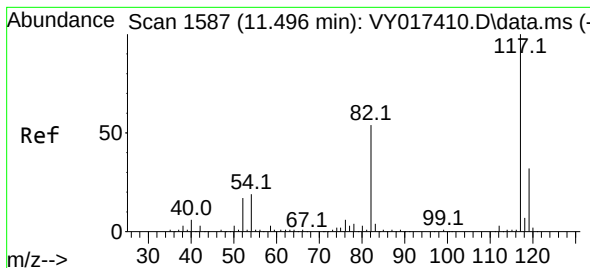


#62
4-Bromofluorobenzene
Concen: 147.610 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VY017404.D
Acq: 19 Feb 2024 11:22



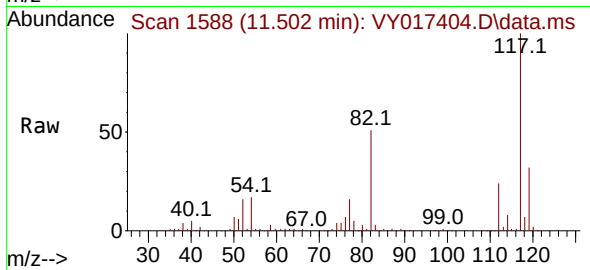
Tgt Ion: 95 Resp: 312700
Ion Ratio Lower Upper
95 100
174 90.3 0.0 152.6
176 87.4 0.0 145.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 11588
Delta R.T. 0.000 min
Lab File: VY017404.D
Acq: 19 Feb 2024 11:22

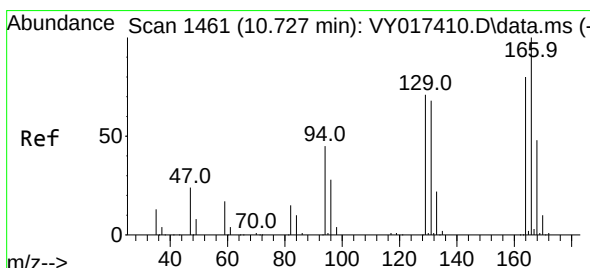
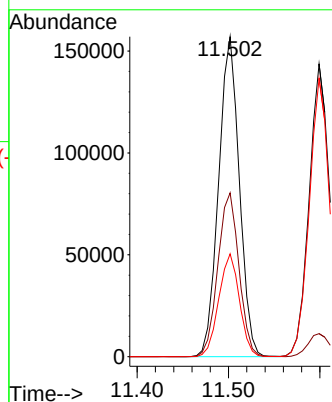
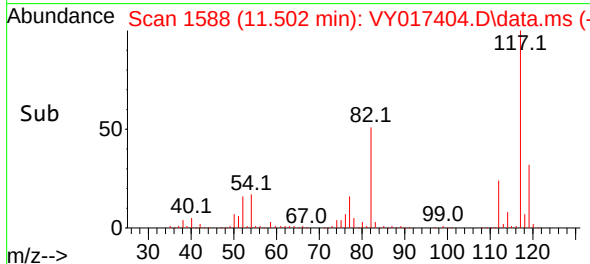
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150



Tgt Ion:117 Resp: 24742
Ion Ratio Lower Upper
117 100
82 51.2 43.0 64.4
119 32.1 25.6 38.4

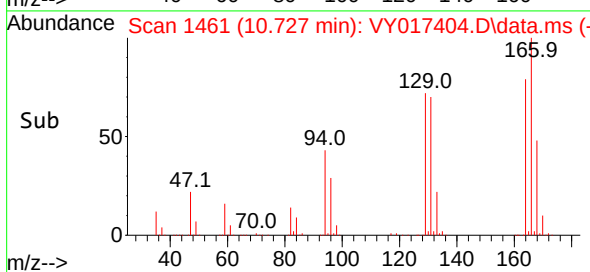
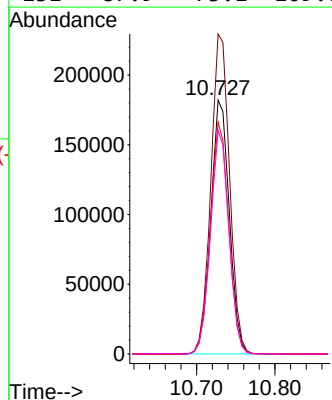
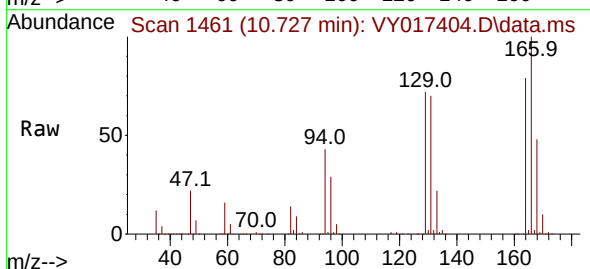
Manual Integrations
APPROVED

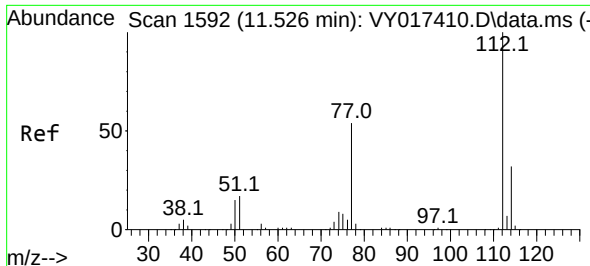
Reviewed By :Mahesh Dadoda 02/20/2024
Supervised By :Semsettin Yesilyurt 02/20/2024



#64
Tetrachloroethene
Concen: 162.606 ug/l
RT: 10.727 min Scan# 1461
Delta R.T. 0.000 min
Lab File: VY017404.D
Acq: 19 Feb 2024 11:22

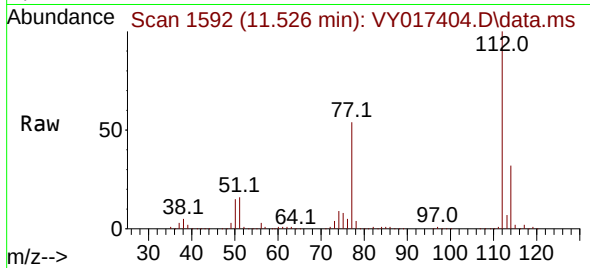
Tgt Ion:164 Resp: 298774
Ion Ratio Lower Upper
164 100
166 126.0 97.8 146.8
129 91.3 79.0 118.6
131 87.9 73.1 109.7





#65
Chlorobenzene
Concen: 150.378 ug/l
RT: 11.526 min Scan# 11592
Delta R.T. 0.000 min
Lab File: VY017404.D
Acq: 19 Feb 2024 11:22

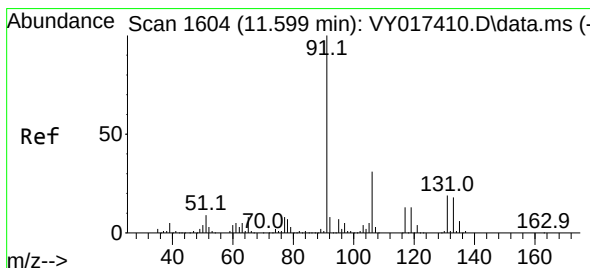
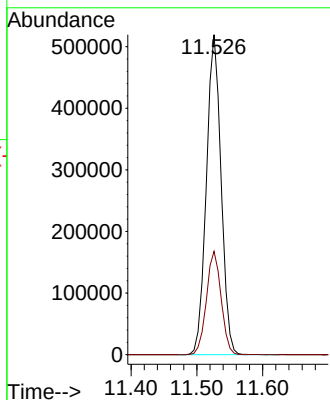
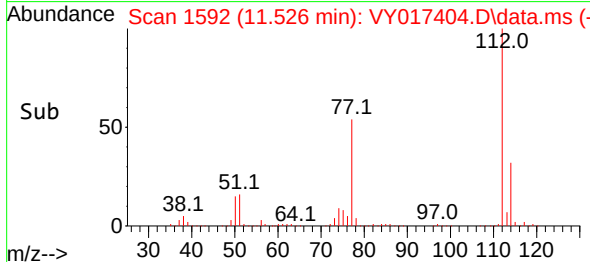
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150



Tgt Ion:112 Resp: 80739
Ion Ratio Lower Upper
112 100
114 32.3 25.2 37.8

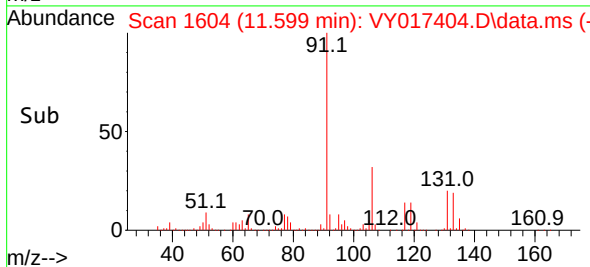
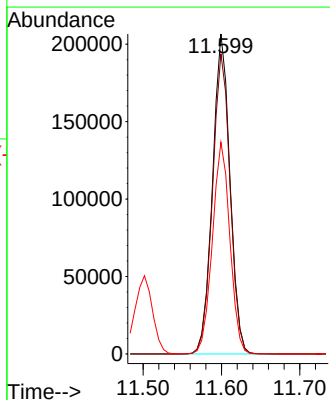
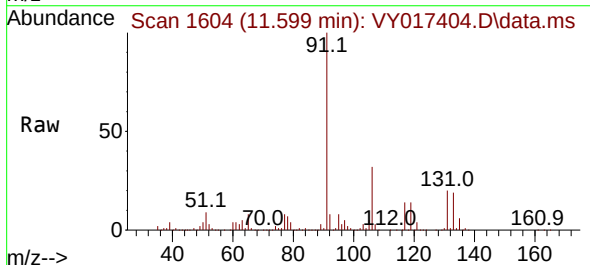
Manual Integrations
APPROVED

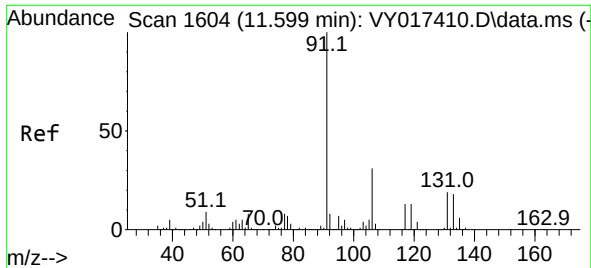
Reviewed By :Mahesh Dadoda 02/20/2024
Supervised By :Semsettin Yesilyurt 02/20/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 162.715 ug/l
RT: 11.599 min Scan# 1604
Delta R.T. 0.000 min
Lab File: VY017404.D
Acq: 19 Feb 2024 11:22

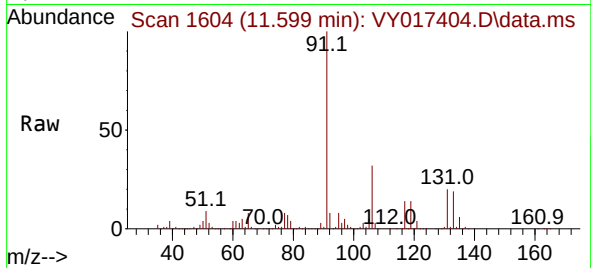
Tgt Ion:131 Resp: 319164
Ion Ratio Lower Upper
131 100
133 95.0 47.8 143.3
119 66.4 33.9 101.6





#67
Ethyl Benzene
Concen: 156.682 ug/l
RT: 11.599 min Scan# 1604
Delta R.T. 0.000 min
Lab File: VY017404.D
Acq: 19 Feb 2024 11:22

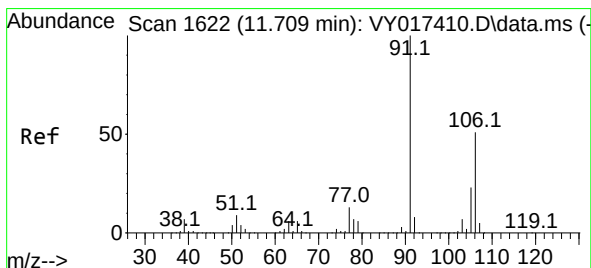
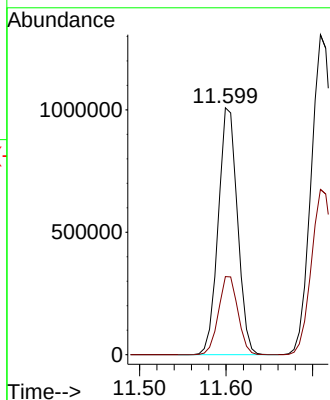
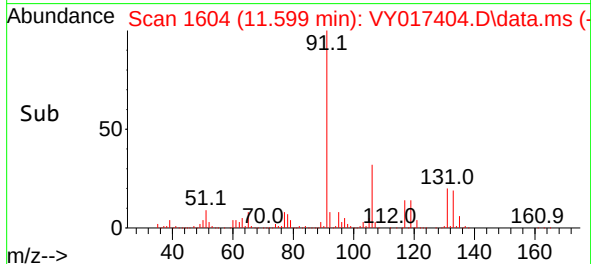
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150



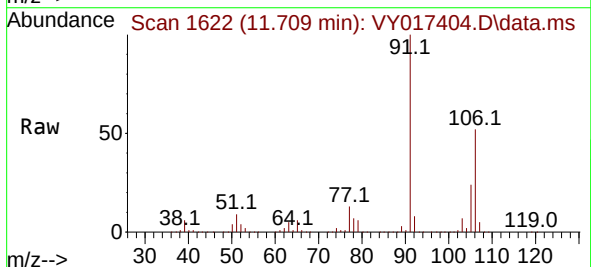
Tgt Ion: 91 Resp: 155378
Ion Ratio Lower Upper
91 100
106 31.6 24.3 36.5

Manual Integrations
APPROVED

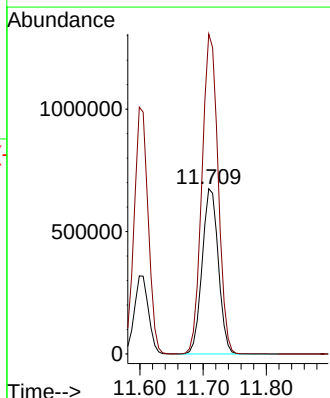
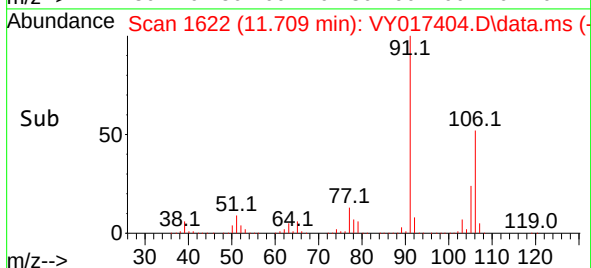
Reviewed By :Mahesh Dadoda 02/20/2024
Supervised By :Semsettin Yesilyurt 02/20/2024

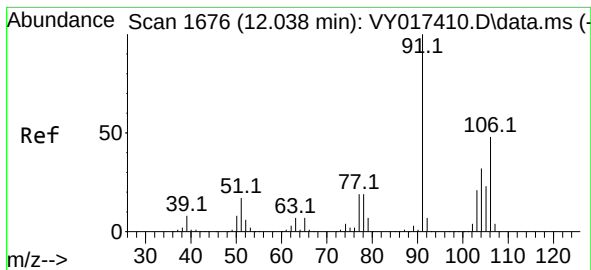


#68
m/p-Xylenes
Concen: 323.834 ug/l
RT: 11.709 min Scan# 1622
Delta R.T. 0.000 min
Lab File: VY017404.D
Acq: 19 Feb 2024 11:22



Tgt Ion:106 Resp: 1203523
Ion Ratio Lower Upper
106 100
91 192.9 162.1 243.1





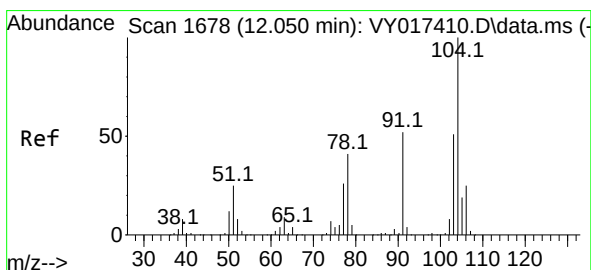
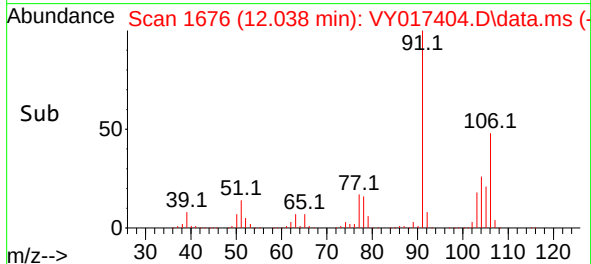
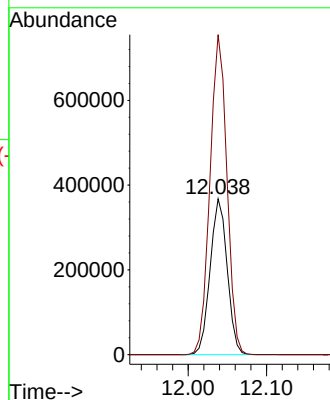
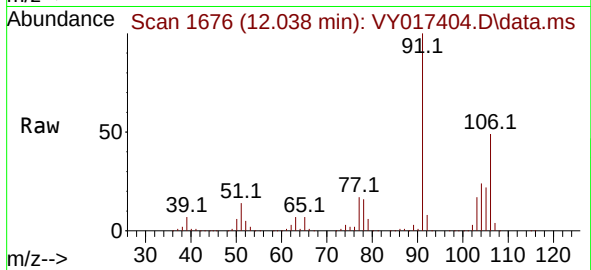
#69
o-Xylene
Concen: 162.764 ug/l
RT: 12.038 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VY017404.D
Acq: 19 Feb 2024 11:22

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tgt Ion:106 Resp: 555270
Ion Ratio Lower Upper
106 100
91 204.2 108.3 324.8

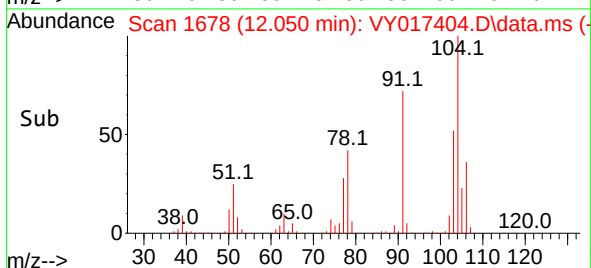
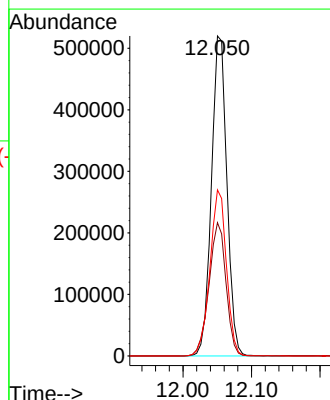
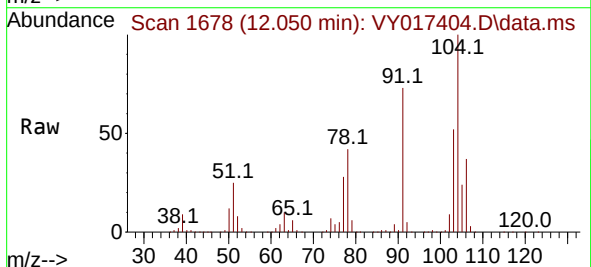
Manual Integrations
APPROVED

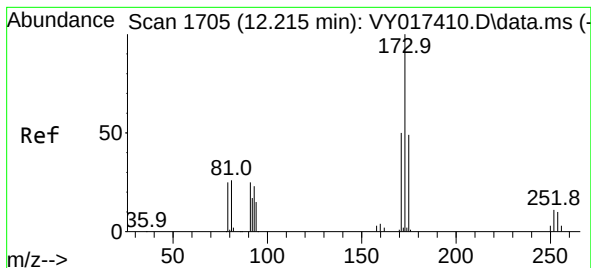
Reviewed By :Mahesh Dadoda 02/20/2024
Supervised By :Semsettin Yesilyurt 02/20/2024



#70
Styrene
Concen: 155.736 ug/l
RT: 12.050 min Scan# 1678
Delta R.T. 0.000 min
Lab File: VY017404.D
Acq: 19 Feb 2024 11:22

Tgt Ion:104 Resp: 814881
Ion Ratio Lower Upper
104 100
78 45.8 39.3 58.9
103 55.4 44.3 66.5





#71

Bromoform

Concen: 172.547 ug/l

RT: 12.215 min Scan# 1705

Delta R.T. 0.000 min

Lab File: VY017404.D

Acq: 19 Feb 2024 11:22

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

Tgt Ion:173 Resp: 163630

Ion Ratio Lower Upper

173 100

175 48.0 24.1 72.3

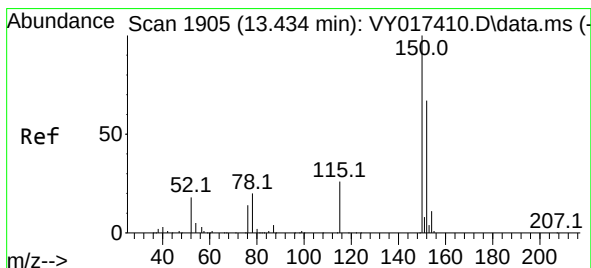
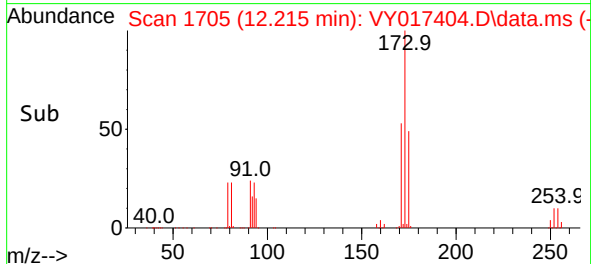
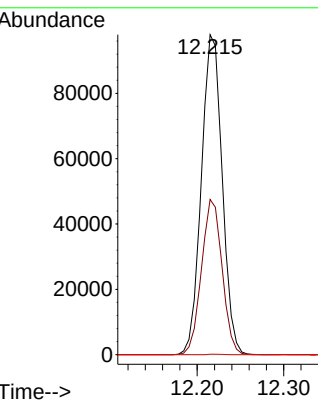
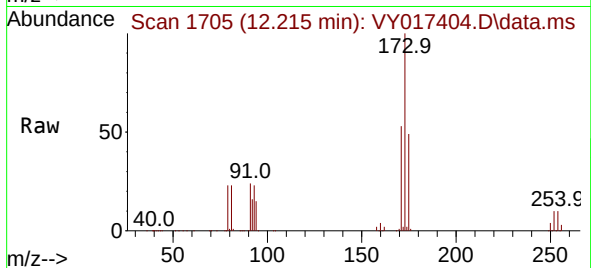
254 0.1 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/20/2024

Supervised By :Semsettin Yesilyurt 02/20/2024



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.434 min Scan# 1905

Delta R.T. 0.000 min

Lab File: VY017404.D

Acq: 19 Feb 2024 11:22

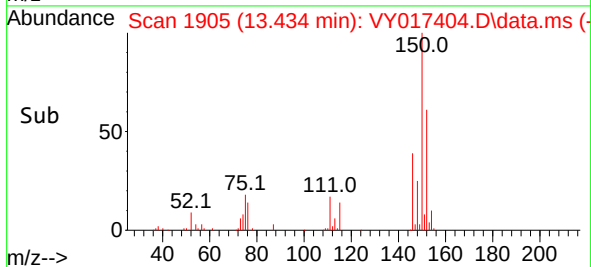
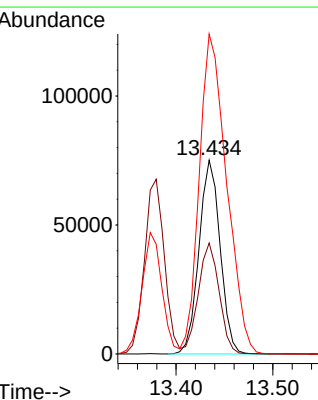
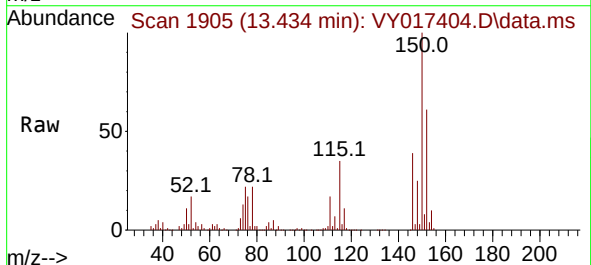
Tgt Ion:152 Resp: 114166

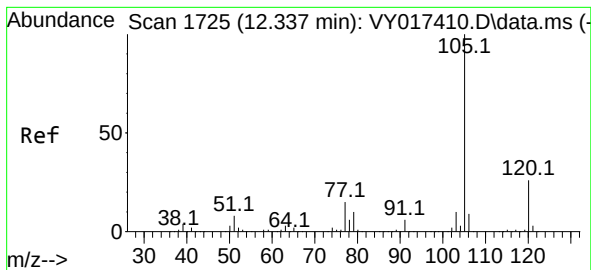
Ion Ratio Lower Upper

152 100

115 56.7 30.0 90.1

150 213.4 0.0 349.8





#73

Isopropylbenzene

Concen: 152.181 ug/l

RT: 12.337 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY017404.D

Acq: 19 Feb 2024 11:22

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC150

Tgt Ion:105 Resp: 145608

Ion Ratio Lower Upper

105 100

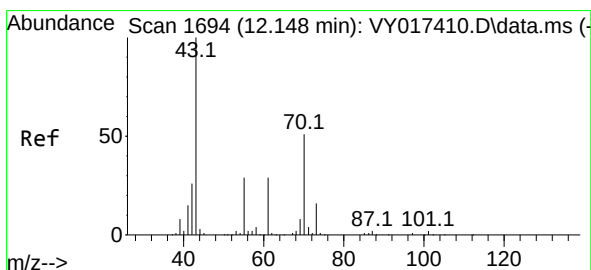
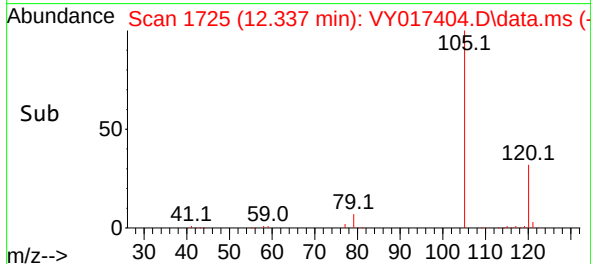
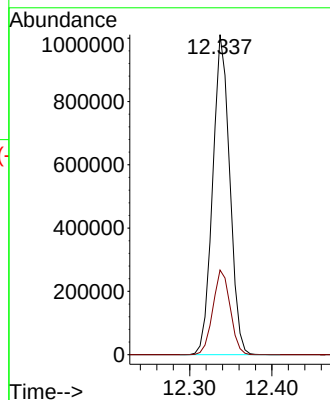
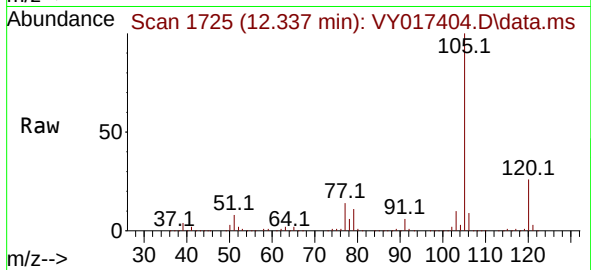
120 26.9 13.0 39.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/20/2024

Supervised By :Semsettin Yesilyurt 02/20/2024



#74

N-ethyl acetate

Concen: 115.818 ug/l

RT: 12.154 min Scan# 1695

Delta R.T. 0.000 min

Lab File: VY017404.D

Acq: 19 Feb 2024 11:22

Tgt Ion: 43 Resp: 236688

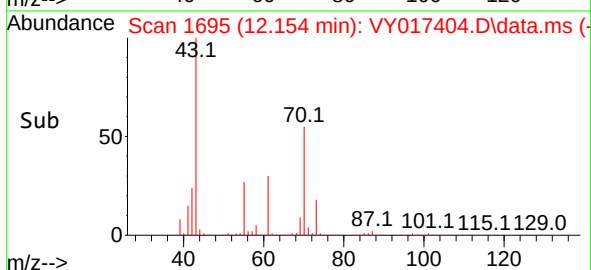
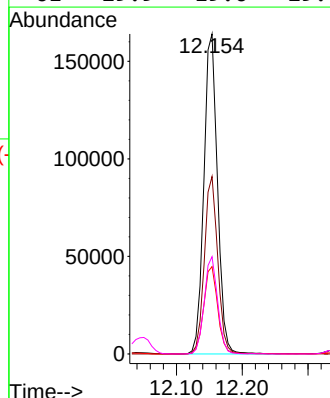
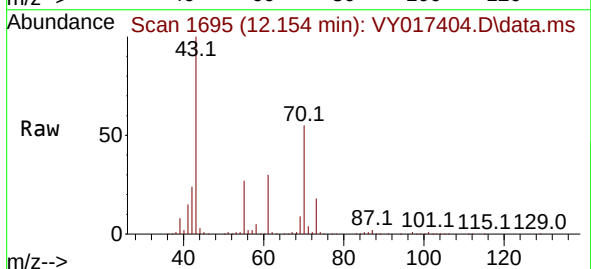
Ion Ratio Lower Upper

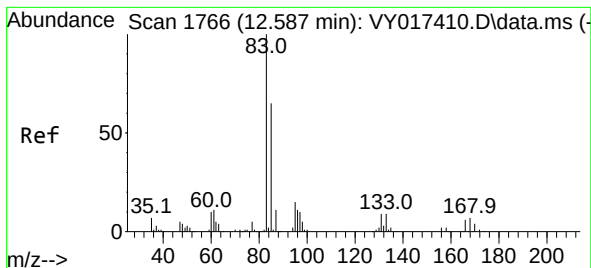
43 100

70 54.5 34.8 52.2#

55 27.9 21.2 31.8

61 29.9 19.6 29.4#





#75

1,1,2,2-Tetrachloroethane

Concen: 135.391 ug/l

RT: 12.587 min Scan# 1766

Delta R.T. 0.000 min

Lab File: VY017404.D

Acq: 19 Feb 2024 11:22

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

Tgt Ion: 83 Resp: 24386

Ion Ratio Lower Upper

83 100

131 10.0 4.5 13.7

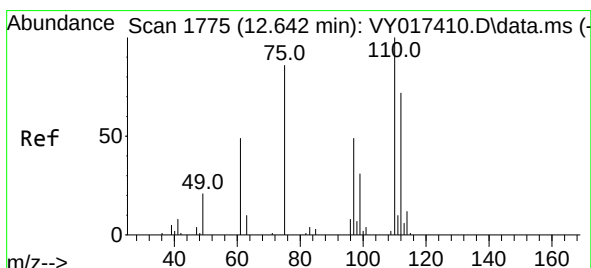
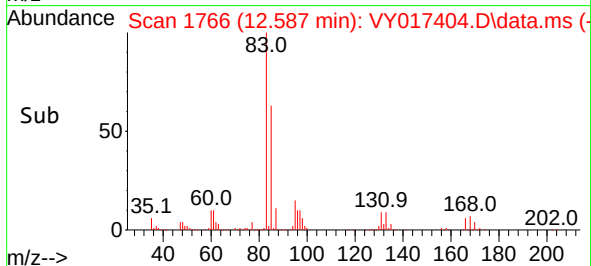
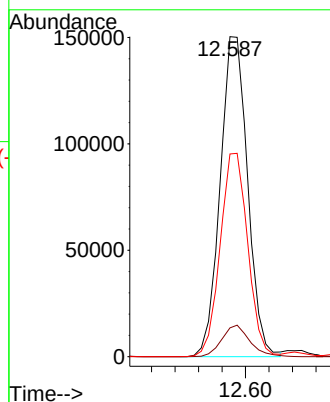
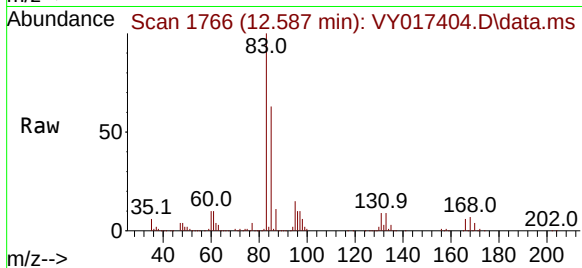
85 63.8 32.0 96.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/20/2024

Supervised By :Semsettin Yesilyurt 02/20/2024



#76

1,2,3-Trichloropropane

Concen: 132.772 ug/l m

RT: 12.642 min Scan# 1775

Delta R.T. 0.000 min

Lab File: VY017404.D

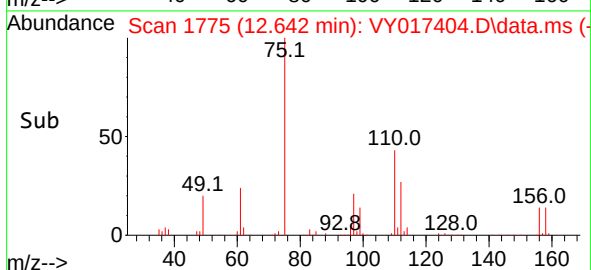
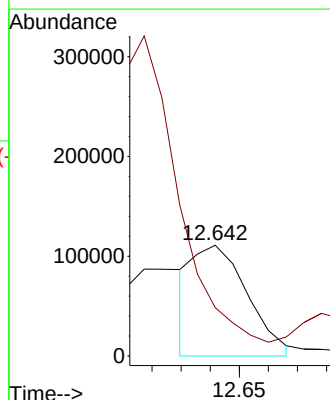
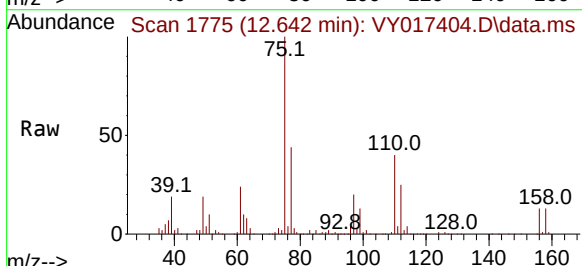
Acq: 19 Feb 2024 11:22

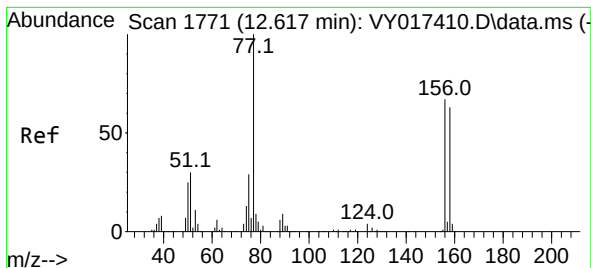
Tgt Ion: 75 Resp: 145274

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 160.625 ug/l

RT: 12.617 min Scan# 1771

Delta R.T. 0.000 min

Lab File: VY017404.D

Acq: 19 Feb 2024 11:22

Instrument :

MSVOA_Y

ClientSampleId :

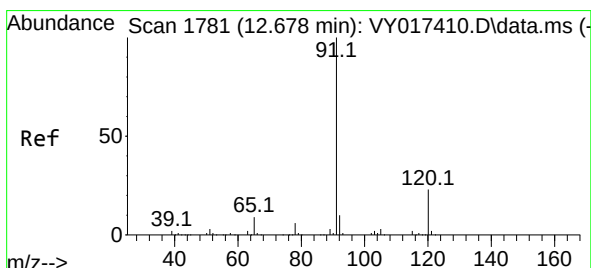
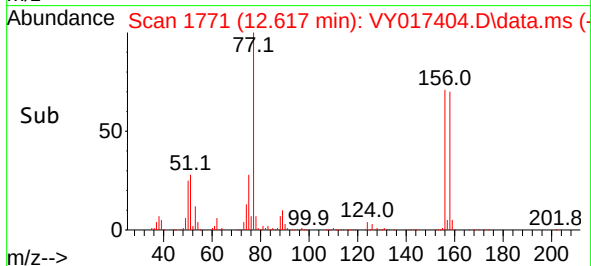
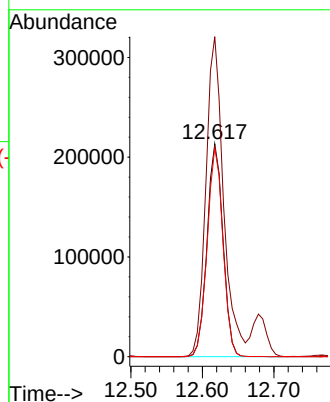
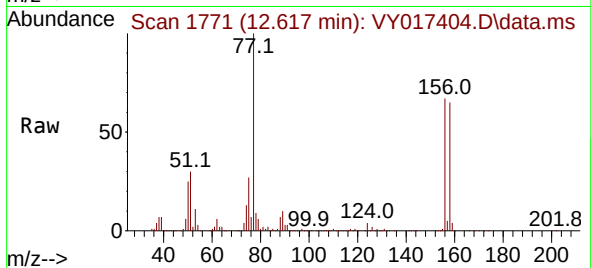
VSTDIC150

Tgt Ion:	156	Resp:	32998
Ion Ratio	Lower	Upper	
156	100		
77	166.6	101.3	303.9
158	97.2	48.8	146.3

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/20/2024
Supervised By :Semsettin Yesilyurt 02/20/2024



#78

n-propylbenzene

Concen: 141.731 ug/l

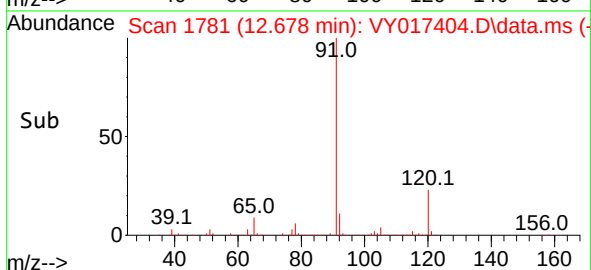
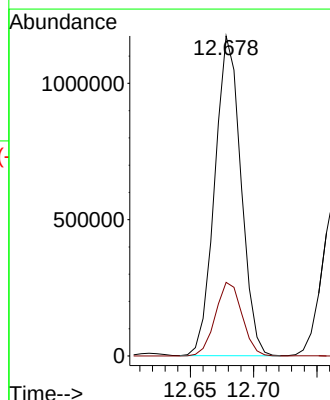
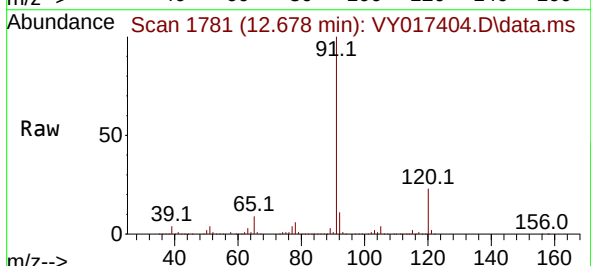
RT: 12.678 min Scan# 1781

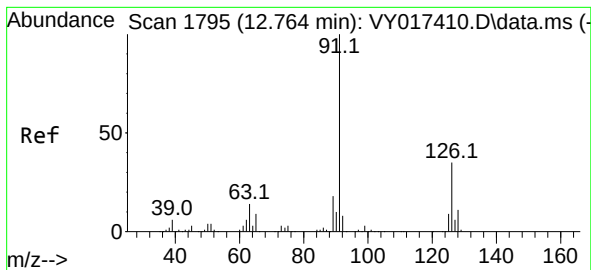
Delta R.T. 0.000 min

Lab File: VY017404.D

Acq: 19 Feb 2024 11:22

Tgt Ion:	91	Resp:	1684995
Ion Ratio	Lower	Upper	
91	100		
120	23.5	10.8	32.4





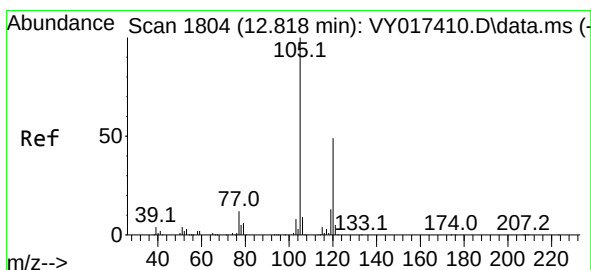
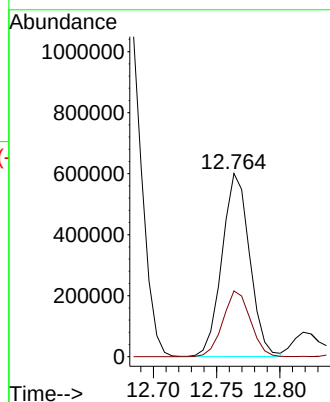
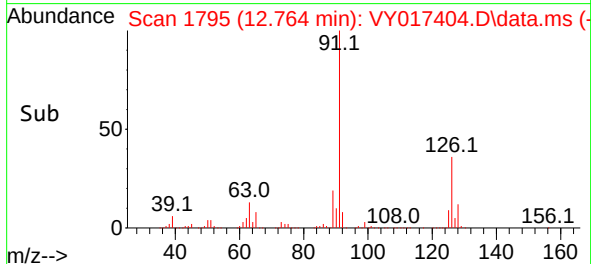
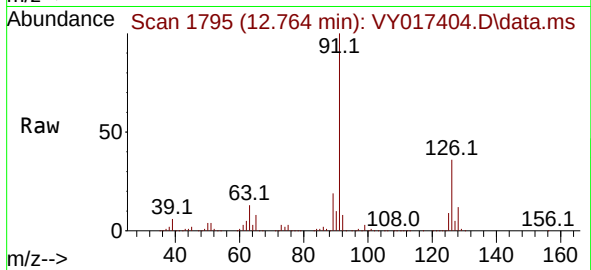
#79
2-Chlorotoluene
Concen: 138.643 ug/l
RT: 12.764 min Scan# 1795
Delta R.T. 0.000 min
Lab File: VY017404.D
Acq: 19 Feb 2024 11:22

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tgt Ion: 91 Resp: 911549
Ion Ratio Lower Upper
91 100
126 35.7 16.7 50.0

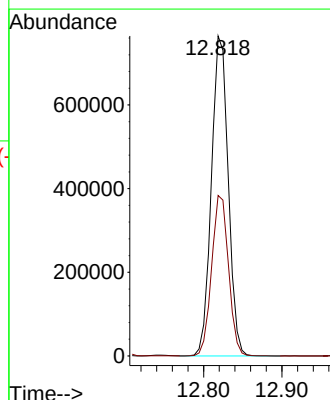
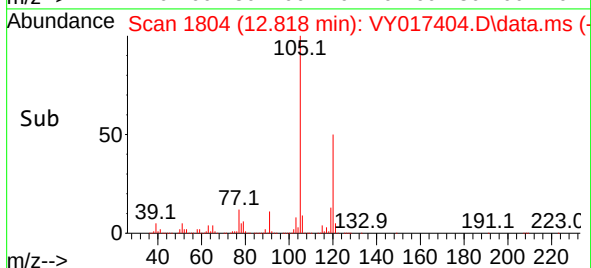
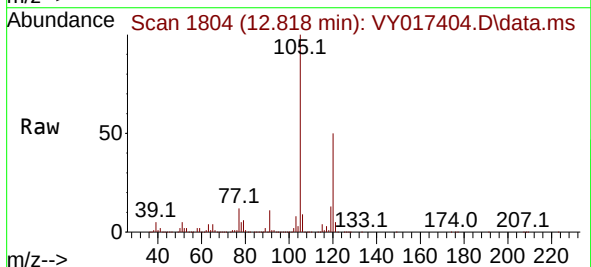
Manual Integrations
APPROVED

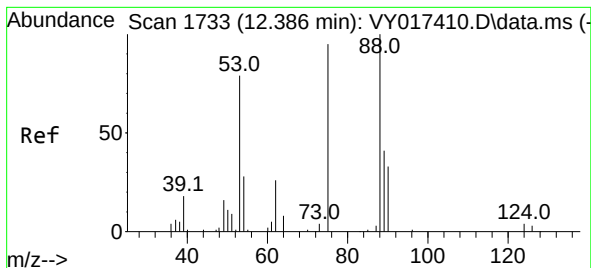
Reviewed By :Mahesh Dadoda 02/20/2024
Supervised By :Semsettin Yesilyurt 02/20/2024



#80
1,3,5-Trimethylbenzene
Concen: 148.849 ug/l
RT: 12.818 min Scan# 1804
Delta R.T. 0.000 min
Lab File: VY017404.D
Acq: 19 Feb 2024 11:22

Tgt Ion:105 Resp: 1136584
Ion Ratio Lower Upper
105 100
120 50.5 24.4 73.2





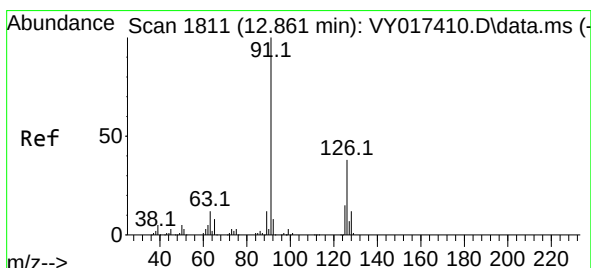
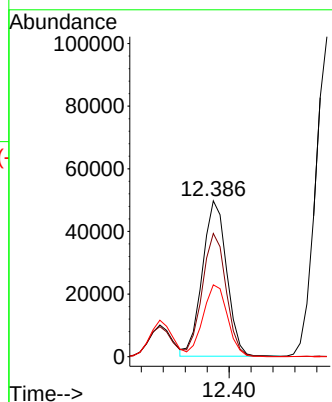
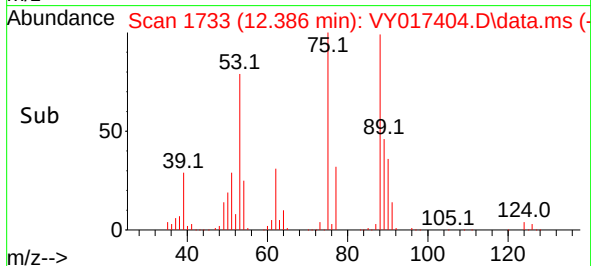
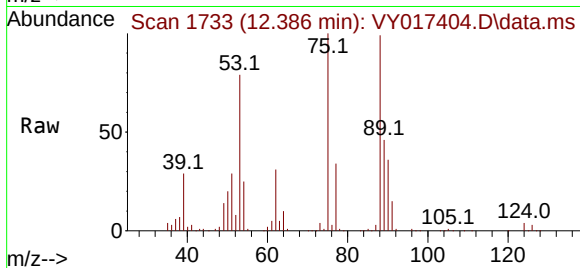
#81
trans-1,4-Dichloro-2-butene
Concen: 141.043 ug/l
RT: 12.386 min Scan# 1733
Delta R.T. 0.000 min
Lab File: VY017404.D
Acq: 19 Feb 2024 11:22

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tgt Ion: 75 Resp: 76174
Ion Ratio Lower Upper
75 100
53 77.7 74.3 111.5
89 46.6 37.4 56.2

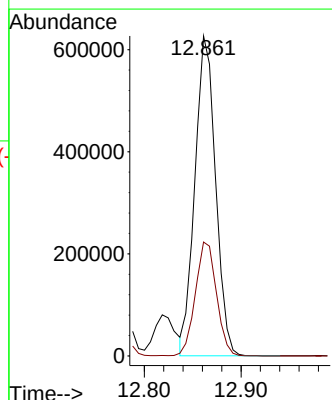
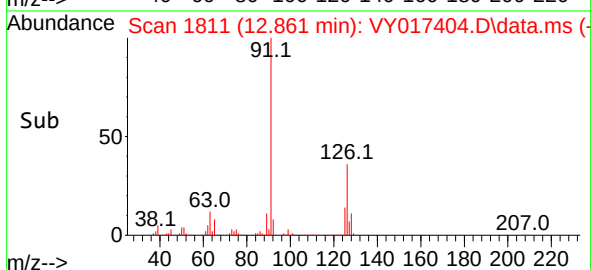
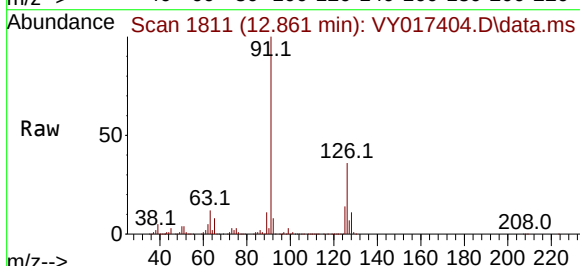
Manual Integrations
APPROVED

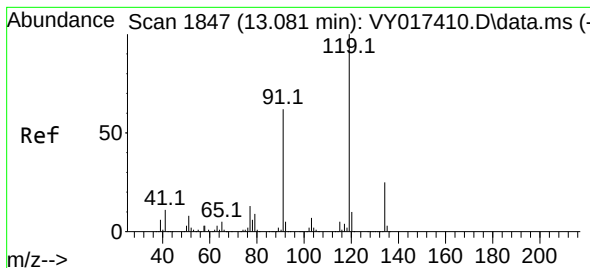
Reviewed By :Mahesh Dadoda 02/20/2024
Supervised By :Semsettin Yesilyurt 02/20/2024



#82
4-Chlorotoluene
Concen: 138.945 ug/l
RT: 12.861 min Scan# 1811
Delta R.T. 0.000 min
Lab File: VY017404.D
Acq: 19 Feb 2024 11:22

Tgt Ion: 91 Resp: 931296
Ion Ratio Lower Upper
91 100
126 36.5 17.1 51.3





#83

tert-Butylbenzene

Concen: 151.401 ug/l

RT: 13.081 min Scan# 1847

Delta R.T. 0.000 min

Lab File: VY017404.D

Acq: 19 Feb 2024 11:22

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

Tgt Ion:119 Resp: 992262

Ion Ratio Lower Upper

119 100

91 61.6 33.7 101.0

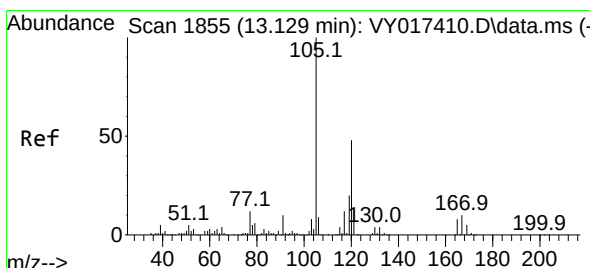
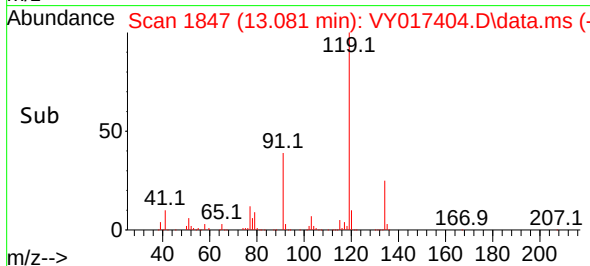
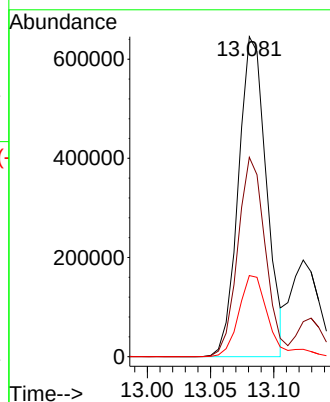
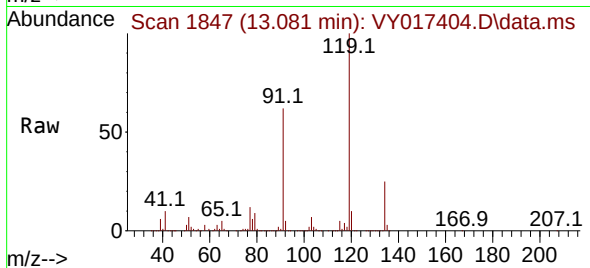
134 27.3 13.7 41.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/20/2024

Supervised By :Semsettin Yesilyurt 02/20/2024



#84

1,2,4-Trimethylbenzene

Concen: 152.181 ug/l

RT: 13.129 min Scan# 1855

Delta R.T. 0.000 min

Lab File: VY017404.D

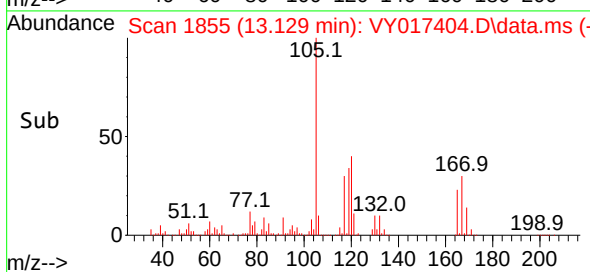
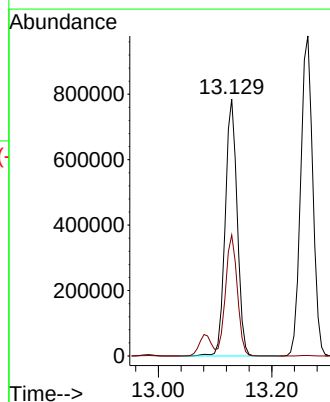
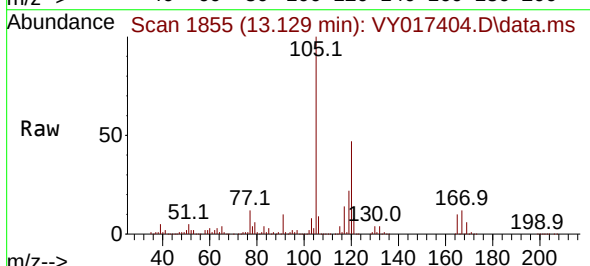
Acq: 19 Feb 2024 11:22

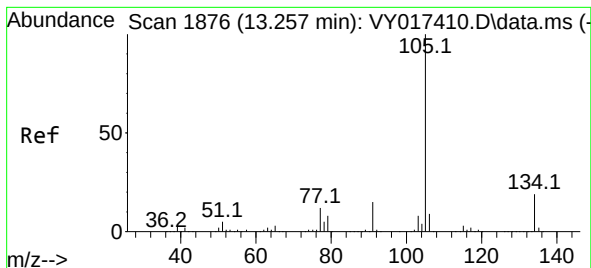
Tgt Ion:105 Resp: 1143881

Ion Ratio Lower Upper

105 100

120 46.7 22.7 68.0





#85

sec-Butylbenzene

Concen: 143.958 ug/l

RT: 13.264 min Scan# 1876

Delta R.T. 0.006 min

Lab File: VY017404.D

Acq: 19 Feb 2024 11:22

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC150

Tgt Ion:105 Resp: 1441824

Ion Ratio Lower Upper

105 100

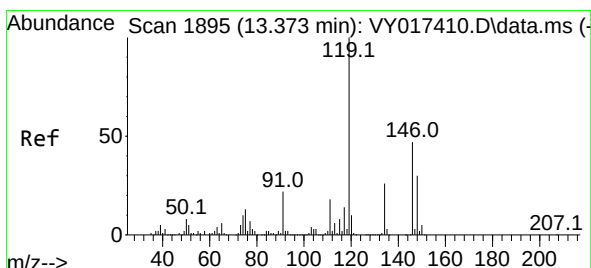
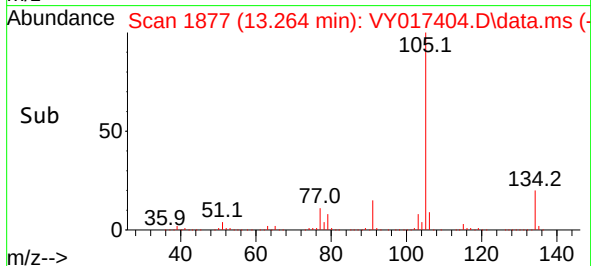
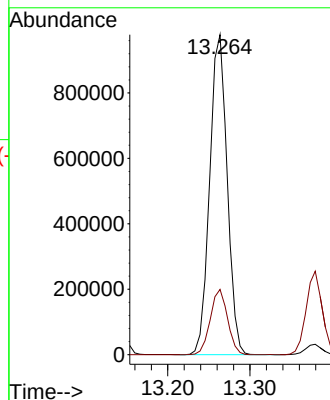
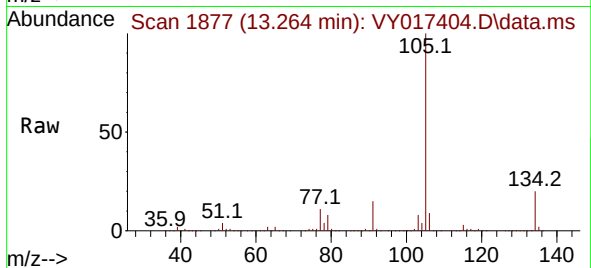
134 20.1 9.7 29.1

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/20/2024

Supervised By :Semsettin Yesilyurt 02/20/2024



#86

p-Isopropyltoluene

Concen: 157.287 ug/l

RT: 13.379 min Scan# 1896

Delta R.T. 0.006 min

Lab File: VY017404.D

Acq: 19 Feb 2024 11:22

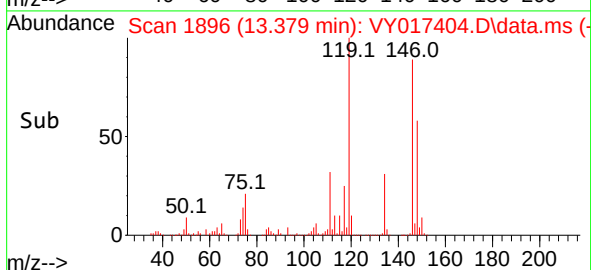
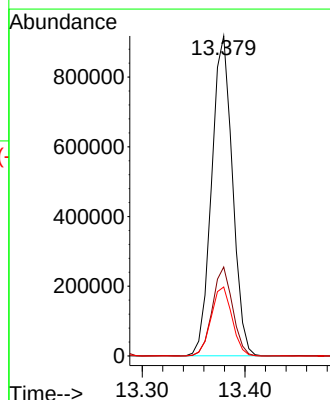
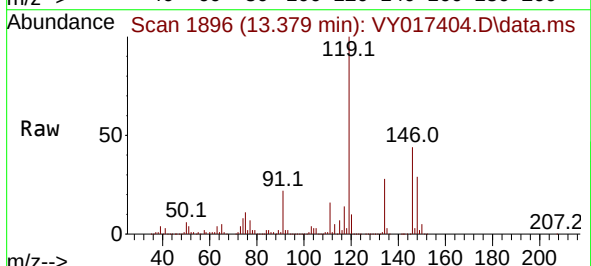
Tgt Ion:119 Resp: 1287030

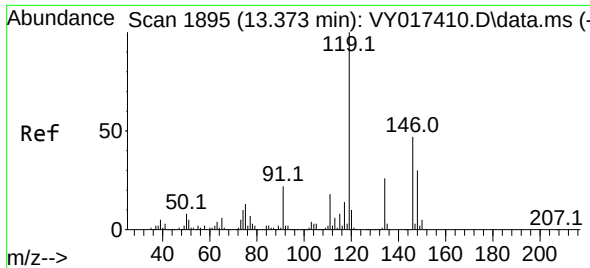
Ion Ratio Lower Upper

119 100

134 27.0 13.2 39.5

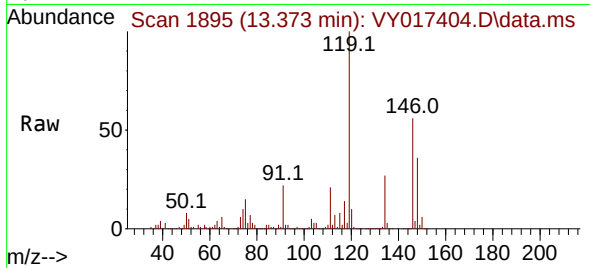
91 21.7 11.9 35.7





#87
1,3-Dichlorobenzene
Concen: 160.483 ug/l
RT: 13.373 min Scan# 1895
Delta R.T. 0.000 min
Lab File: VY017404.D
Acq: 19 Feb 2024 11:22

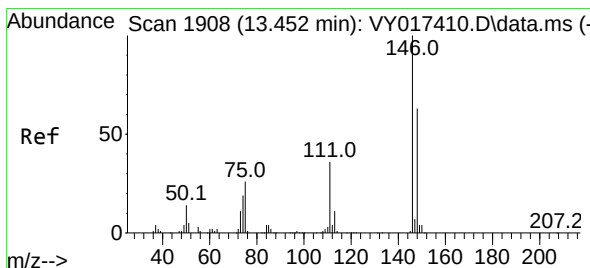
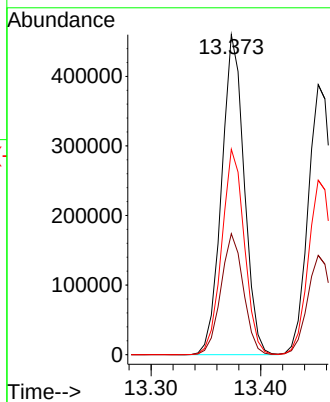
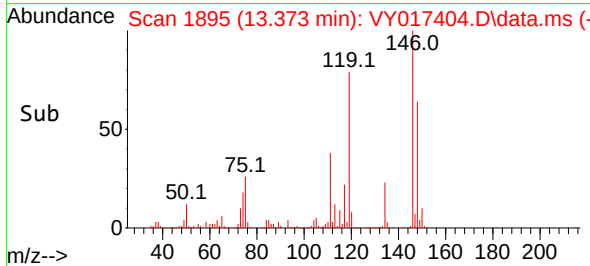
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150



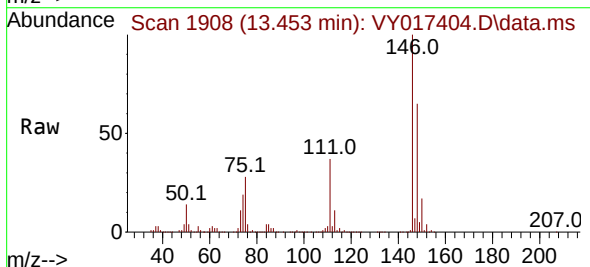
Tgt Ion:146 Resp: 658360
Ion Ratio Lower Upper
146 100
111 37.7 20.0 60.0
148 64.2 31.9 95.9

Manual Integrations
APPROVED

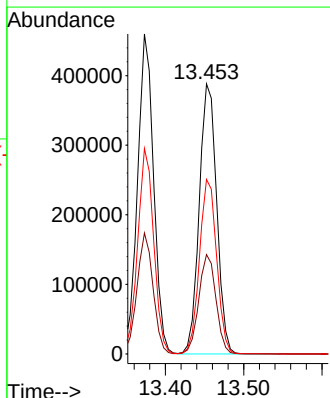
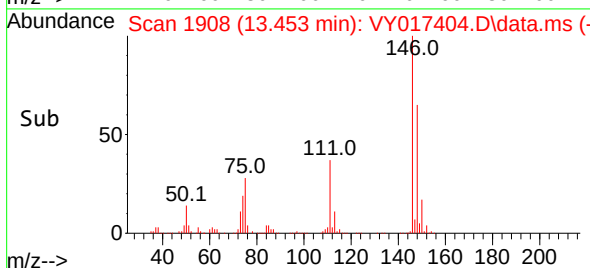
Reviewed By :Mahesh Dadoda 02/20/2024
Supervised By :Semsettin Yesilyurt 02/20/2024

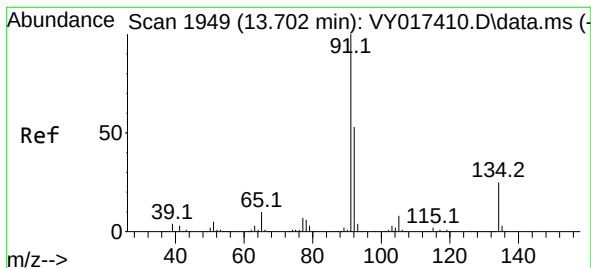


#88
1,4-Dichlorobenzene
Concen: 149.484 ug/l
RT: 13.453 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VY017404.D
Acq: 19 Feb 2024 11:22



Tgt Ion:146 Resp: 599820
Ion Ratio Lower Upper
146 100
111 36.1 19.8 59.3
148 63.9 31.9 95.5





#89

n-Butylbenzene

Concen: 144.367 ug/l

RT: 13.702 min Scan# 1949

Delta R.T. 0.000 min

Lab File: VY017404.D

Acq: 19 Feb 2024 11:22

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

Tgt Ion: 91 Resp: 1128150

Ion Ratio Lower Upper

91 100

92 53.2 26.1 78.2

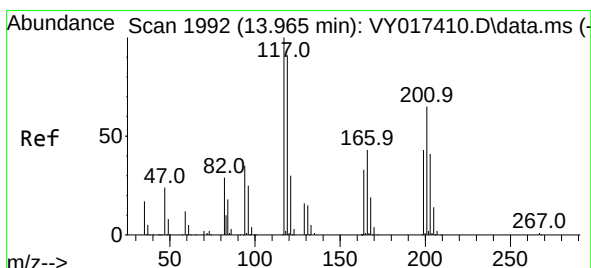
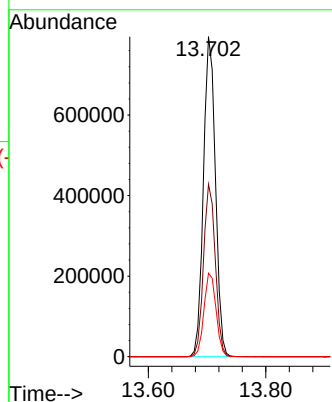
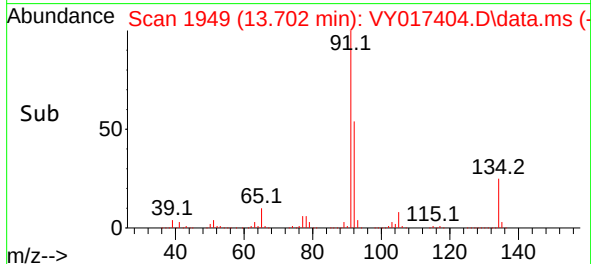
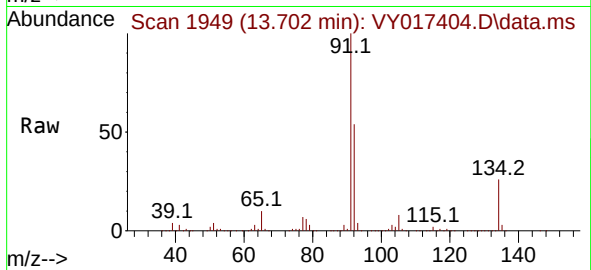
134 26.3 12.1 36.3

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/20/2024

Supervised By :Semsettin Yesilyurt 02/20/2024



#90

Hexachloroethane

Concen: 141.818 ug/l

RT: 13.971 min Scan# 1993

Delta R.T. 0.006 min

Lab File: VY017404.D

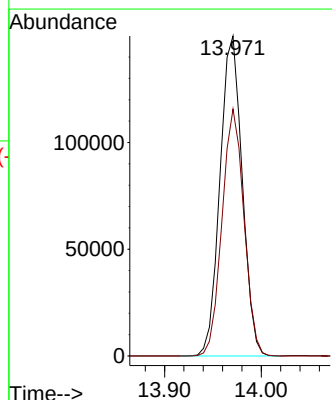
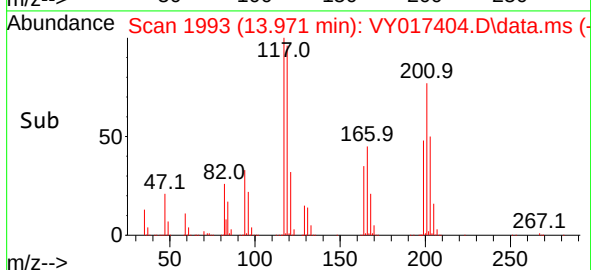
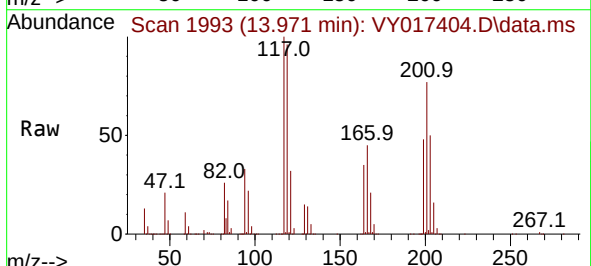
Acq: 19 Feb 2024 11:22

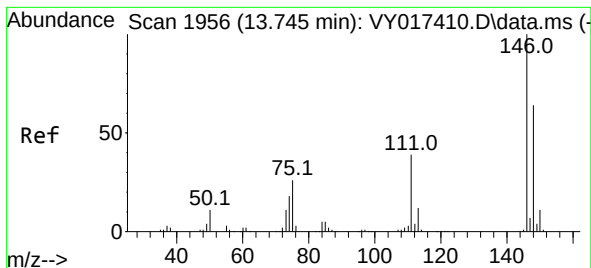
Tgt Ion:117 Resp: 238552

Ion Ratio Lower Upper

117 100

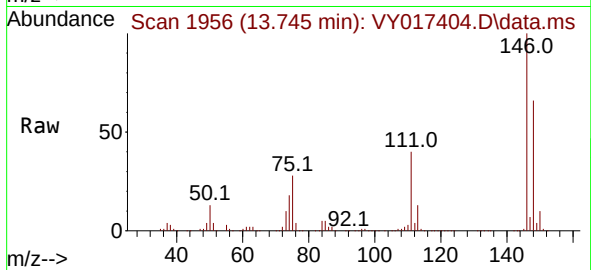
201 76.1 31.3 93.9





#91
1,2-Dichlorobenzene
Concen: 153.101 ug/l
RT: 13.745 min Scan# 1956
Delta R.T. 0.000 min
Lab File: VY017404.D
Acq: 19 Feb 2024 11:22

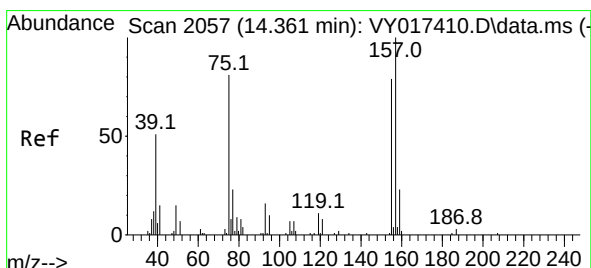
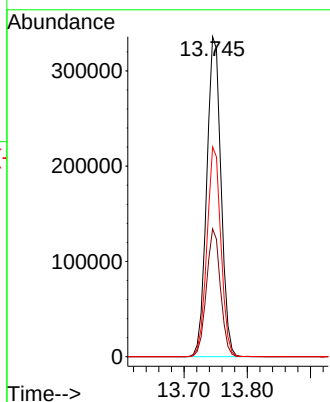
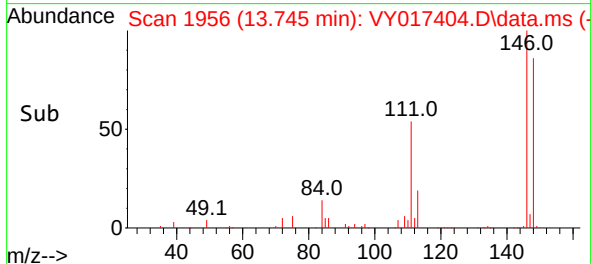
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150



Tgt Ion:146 Resp: 52803
Ion Ratio Lower Upper
146 100
111 39.2 20.7 62.1
148 64.1 31.3 93.9

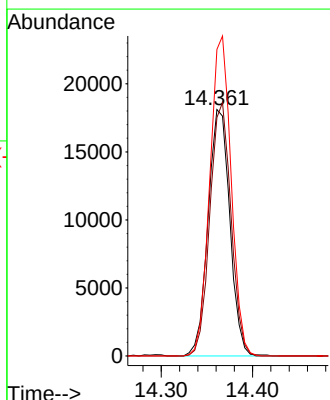
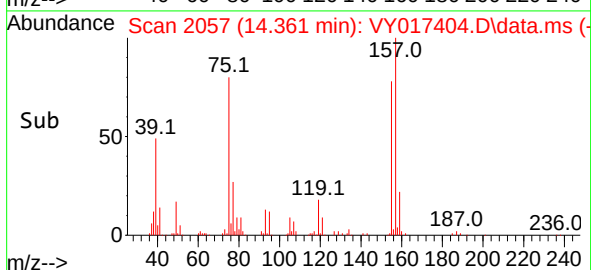
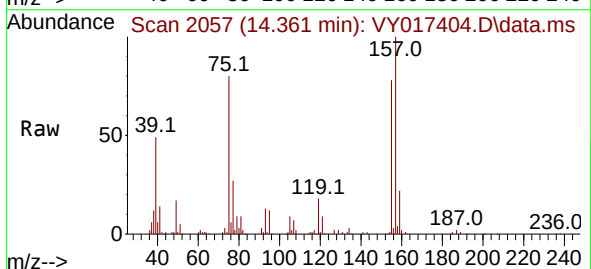
Manual Integrations
APPROVED

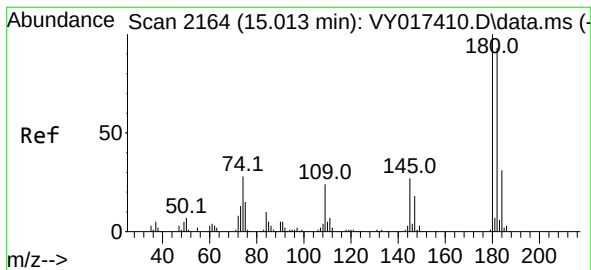
Reviewed By :Mahesh Dadoda 02/20/2024
Supervised By :Semsettin Yesilyurt 02/20/2024



#92
1,2-Dibromo-3-Chloropropane
Concen: 133.653 ug/l
RT: 14.361 min Scan# 2057
Delta R.T. 0.000 min
Lab File: VY017404.D
Acq: 19 Feb 2024 11:22

Tgt Ion: 75 Resp: 29900
Ion Ratio Lower Upper
75 100
155 99.7 41.1 123.4
157 127.1 50.3 151.0





#93

1,2,4-Trichlorobenzene

Concen: 178.087 ug/l

RT: 15.013 min Scan# 2164

Delta R.T. 0.000 min

Lab File: VY017404.D

Acq: 19 Feb 2024 11:22

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

Tgt Ion:180 Resp: 295570

Ion Ratio Lower Upper

180 100

182 95.3 47.6 142.9

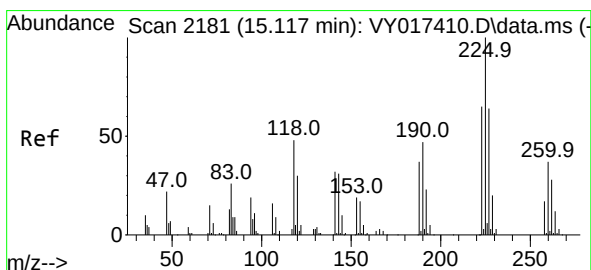
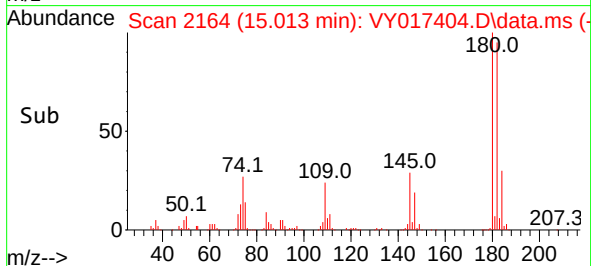
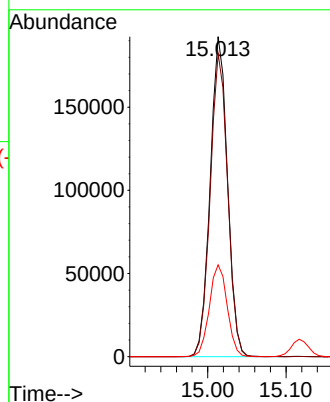
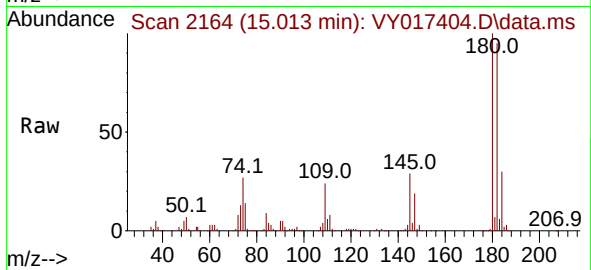
145 29.5 15.5 46.5

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/20/2024

Supervised By :Semsettin Yesilyurt 02/20/2024



#94

Hexachlorobutadiene

Concen: 169.193 ug/l

RT: 15.117 min Scan# 2181

Delta R.T. 0.000 min

Lab File: VY017404.D

Acq: 19 Feb 2024 11:22

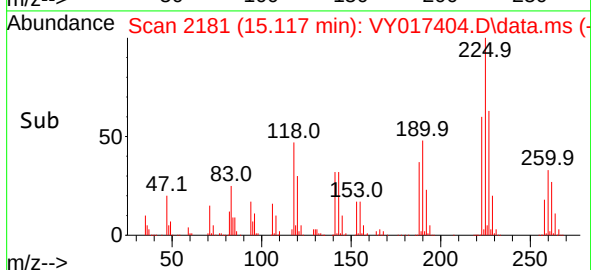
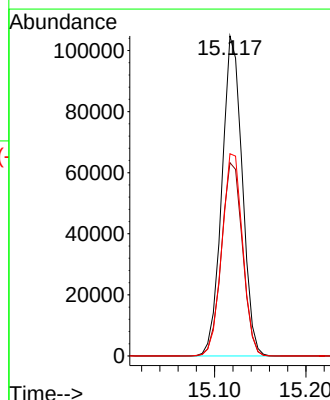
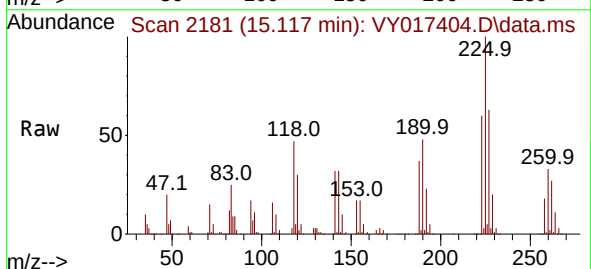
Tgt Ion:225 Resp: 161849

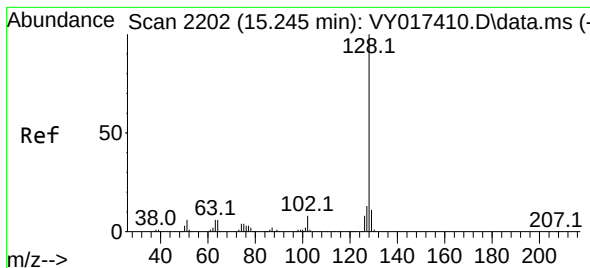
Ion Ratio Lower Upper

225 100

223 62.4 32.5 97.4

227 64.5 31.1 93.3





#95

Naphthalene

Concen: 183.211 ug/l

RT: 15.245 min Scan# 21

Delta R.T. -0.000 min

Lab File: VY017404.D

Acq: 19 Feb 2024 11:22

Instrument :

MSVOA_Y

ClientSampleId :

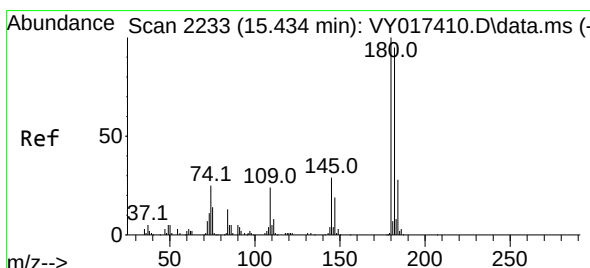
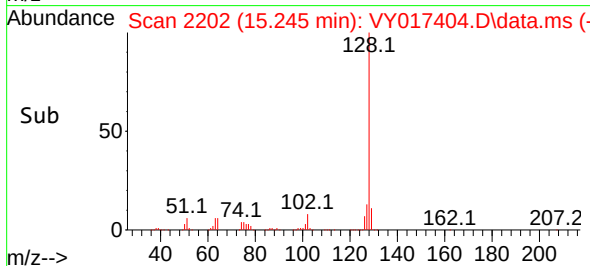
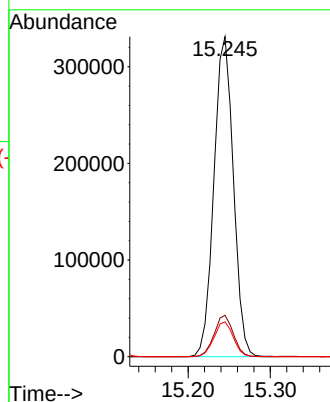
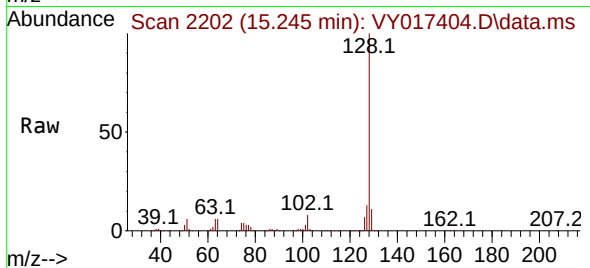
VSTDICC150

Tgt Ion:128	Resp: 54426
Ion Ratio	Lower Upper
128 100	
127 12.8	10.3 15.5
129 10.8	8.4 12.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/20/2024
Supervised By :Semsettin Yesilyurt 02/20/2024



#96

1,2,3-Trichlorobenzene

Concen: 179.765 ug/l

RT: 15.428 min Scan# 2232

Delta R.T. -0.006 min

Lab File: VY017404.D

Acq: 19 Feb 2024 11:22

Tgt Ion:180	Resp: 248900
Ion Ratio	Lower Upper
180 100	
182 95.0	46.9 140.7
145 29.7	16.5 49.5

