

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122023\
 Data File : VY016724.D
 Acq On : 20 Dec 2023 14:39
 Operator : SY/MD
 Sample : VSTDICC005
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC005

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 12/21/2023
 Supervised By :Semsettin Yesilyurt 12/21/2023

Quant Time: Dec 21 00:49:52 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122023S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 21 00:33:36 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	159875	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	273251	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	229115	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	93350	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	6284	4.306	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	8.620%#		
35) Dibromofluoromethane	7.728	113	6558	4.190	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	8.380%#		
50) Toluene-d8	10.191	98	23370	4.142	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	8.280%#		
62) 4-Bromofluorobenzene	12.495	95	7718	4.216	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	8.440%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.912	85	7527	5.509	ug/l	96
3) Chloromethane	2.119	50	11798	5.618	ug/l	98
4) Vinyl Chloride	2.253	62	12531	5.283	ug/l	95
5) Bromomethane	2.668	94	9211	5.452	ug/l	95
6) Chloroethane	2.802	64	8689	5.406	ug/l	96
7) Trichlorofluoromethane	3.137	101	14311	5.179	ug/l	87
8) Diethyl Ether	3.540	74	4429	5.010	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.905	101	8659	5.108	ug/l	97
10) Methyl Iodide	4.100	142	7986	4.521	ug/l	100
11) Tert butyl alcohol	5.003	59	3353m	28.051	ug/l	
12) 1,1-Dichloroethene	3.887	96	7449	4.935	ug/l	97
13) Acrolein	3.747	56	2450	30.606	ug/l	90
14) Allyl chloride	4.491	41	10837	4.688	ug/l	97
15) Acrylonitrile	5.186	53	8198	21.899	ug/l	99
16) Acetone	3.979	43	10923	27.677	ug/l	98
17) Carbon Disulfide	4.204	76	20239	4.928	ug/l	98
18) Methyl Acetate	4.497	43	6263	4.061	ug/l	99
19) Methyl tert-butyl Ether	5.234	73	17696	4.557	ug/l	97
20) Methylene Chloride	4.734	84	18419	6.400	ug/l	93
21) trans-1,2-Dichloroethene	5.241	96	8376	4.866	ug/l	91
22) Diisopropyl ether	6.137	45	23360	4.466	ug/l	97
23) Vinyl Acetate	6.076	43	54028	21.842	ug/l	99
24) 1,1-Dichloroethane	6.033	63	15533	4.944	ug/l	98
25) 2-Butanone	7.008	43	13129	24.162	ug/l	100
26) 2,2-Dichloropropane	6.996	77	13895	5.068	ug/l	98
27) cis-1,2-Dichloroethene	6.996	96	9513	4.802	ug/l	94
28) Bromochloromethane	7.344	49	5180	4.166	ug/l #	99
29) Tetrahydrofuran	7.368	42	5979	20.123	ug/l	96
30) Chloroform	7.515	83	16012	4.978	ug/l	99
31) Cyclohexane	7.801	56	15236	5.449	ug/l #	73
32) 1,1,1-Trichloroethane	7.716	97	14503	5.137	ug/l	98
36) 1,1-Dichloropropene	7.929	75	12588	5.016	ug/l	98
37) Ethyl Acetate	7.082	43	4249	3.869	ug/l #	92
38) Carbon Tetrachloride	7.905	117	12132	4.886	ug/l	95
39) Methylcyclohexane	9.191	83	12863	4.440	ug/l	97
40) Benzene	8.173	78	35387	4.846	ug/l	98

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Quant Time: Dec 21 00:49:52 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122023S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 21 00:33:36 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.319	41	2357	4.127	ug/l #	84
42) 1,2-Dichloroethane	8.240	62	8889	4.666	ug/l	98
43) Isopropyl Acetate	8.283	43	8817	4.221	ug/l	96
44) Trichloroethene	8.953	130	8878	4.763	ug/l	99
45) 1,2-Dichloropropane	9.222	63	8842	4.827	ug/l	95
46) Dibromomethane	9.313	93	4451	4.704	ug/l	99
47) Bromodichloromethane	9.508	83	12066	4.838	ug/l	88
48) Methyl methacrylate	9.307	41	4454	3.801	ug/l	96
49) 1,4-Dioxane	9.337	88	759	82.639	ug/l #	89
51) 4-Methyl-2-Pentanone	10.081	43	22466	20.185	ug/l	97
52) Toluene	10.252	92	19576	4.473	ug/l	91
53) t-1,3-Dichloropropene	10.477	75	9464	4.161	ug/l #	87
54) cis-1,3-Dichloropropene	9.941	75	12299	4.483	ug/l	95
55) 1,1,2-Trichloroethane	10.654	97	6371	4.719	ug/l	95
56) Ethyl methacrylate	10.514	69	4530	3.816	ug/l	94
57) 1,3-Dichloropropane	10.800	76	10392	4.532	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.795	63	13239	40.406	ug/l	100
59) 2-Hexanone	10.843	43	17249	20.783	ug/l	96
60) Dibromochloromethane	10.996	129	7151	4.579	ug/l	97
61) 1,2-Dibromoethane	11.099	107	5529	4.566	ug/l	99
64) Tetrachloroethene	10.727	164	6835	4.802	ug/l	91
65) Chlorobenzene	11.526	112	21564	4.790	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.599	131	7936	4.686	ug/l	96
67) Ethyl Benzene	11.605	91	37931	4.578	ug/l	100
68) m/p-Xylenes	11.715	106	26789	8.756	ug/l	98
69) o-Xylene	12.038	106	11828	4.214	ug/l	90
70) Styrene	12.056	104	16993	4.091	ug/l	98
71) Bromoform	12.221	173	3761	4.454	ug/l #	95
73) Isopropylbenzene	12.343	105	33039	4.544	ug/l	99
74) N-amyl acetate	12.154	43	5922	3.870	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.593	83	7071	4.867	ug/l	99
76) 1,2,3-Trichloropropane	12.648	75	5718m	5.532	ug/l	
77) Bromobenzene	12.623	156	7654	4.826	ug/l	97
78) n-propylbenzene	12.684	91	40634	4.613	ug/l	100
79) 2-Chlorotoluene	12.770	91	23082	4.736	ug/l	96
80) 1,3,5-Trimethylbenzene	12.825	105	25641	4.455	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.392	75	1994	4.538	ug/l	90
82) 4-Chlorotoluene	12.867	91	23461	4.692	ug/l	99
83) tert-Butylbenzene	13.087	119	22325	4.460	ug/l	95
84) 1,2,4-Trimethylbenzene	13.129	105	24506	4.318	ug/l	98
85) sec-Butylbenzene	13.263	105	34131	4.603	ug/l	98
86) p-Isopropyltoluene	13.379	119	26429	4.280	ug/l	99
87) 1,3-Dichlorobenzene	13.379	146	14745	4.757	ug/l	98
88) 1,4-Dichlorobenzene	13.459	146	14731	4.867	ug/l	91
89) n-Butylbenzene	13.709	91	25914	4.390	ug/l	98
90) Hexachloroethane	13.971	117	6327	4.921	ug/l	98
91) 1,2-Dichlorobenzene	13.751	146	12622	4.780	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.367	75	917	4.869	ug/l	92
93) 1,2,4-Trichlorobenzene	15.019	180	5897	4.209	ug/l	98
94) Hexachlorobutadiene	15.123	225	3757	4.721	ug/l	95
95) Naphthalene	15.251	128	9605	6.550	ug/l	98
96) 1,2,3-Trichlorobenzene	15.440	180	4797	4.020	ug/l	98

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Sample : VSTDICC005
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

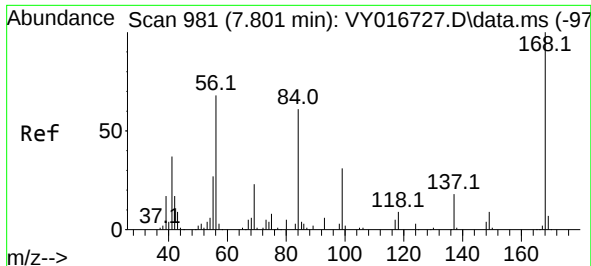
Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 12/21/2023
Supervised By :Semsettin Yesilyurt 12/21/2023

Quant Time: Dec 21 00:49:52 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122023S.M
Quant Title : SW846 8260
QLast Update : Thu Dec 21 00:33:36 2023
Response via : Initial Calibration

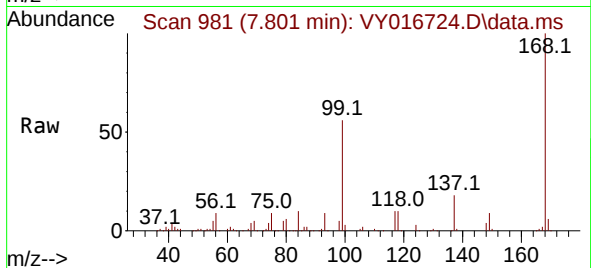
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY016724.D
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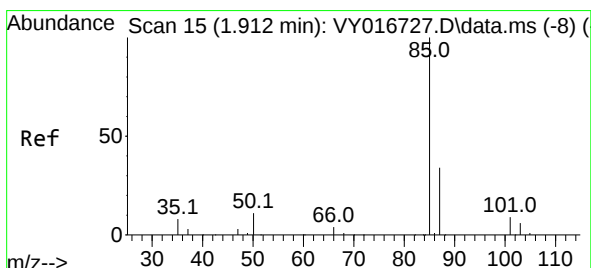
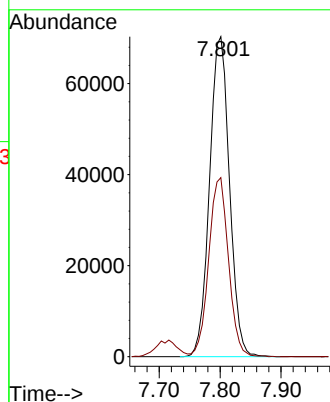
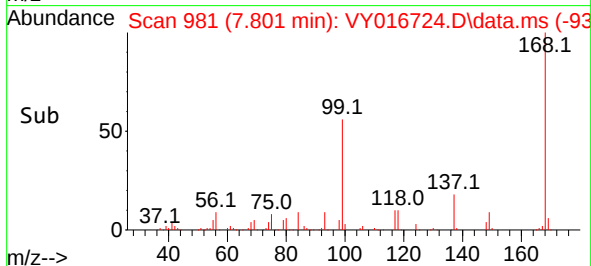
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005



Tgt Ion:168 Resp: 159875
Ion Ratio Lower Upper
168 100
99 55.9 44.2 66.4

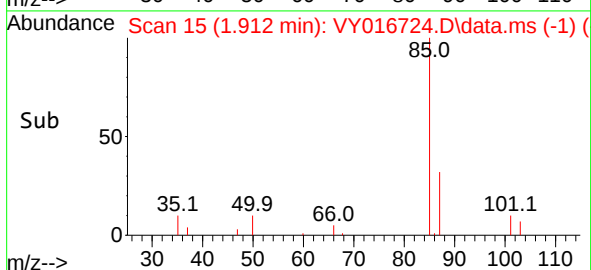
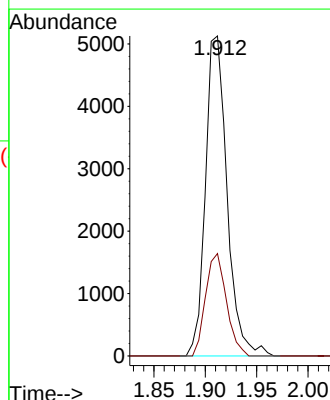
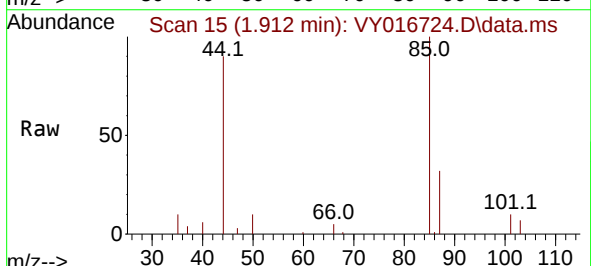
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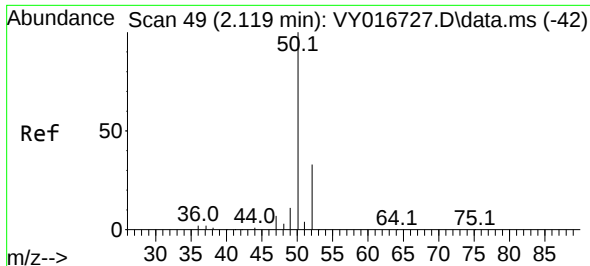
Reviewed By :Mahesh Dadoda 12/21/2023
Supervised By :Semsettin Yesilyurt 12/21/2023



#2
Dichlorodifluoromethane
Concen: 5.509 ug/l
RT: 1.912 min Scan# 15
Delta R.T. 0.000 min
Lab File: VY016724.D
Acq: 20 Dec 2023 14:39

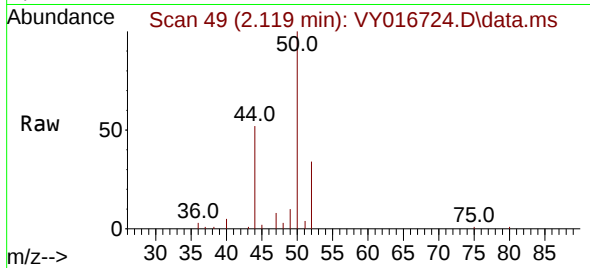
Tgt Ion: 85 Resp: 7527
Ion Ratio Lower Upper
85 100
87 32.0 17.1 51.3





#3
Chloromethane
Concen: 5.618 ug/l
RT: 2.119 min Scan# 49
Delta R.T. 0.000 min
Lab File: VY016724.D
Acq: 20 Dec 2023 14:39

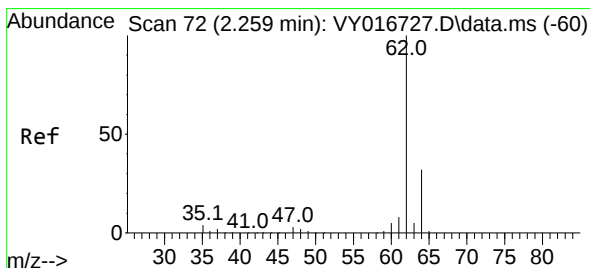
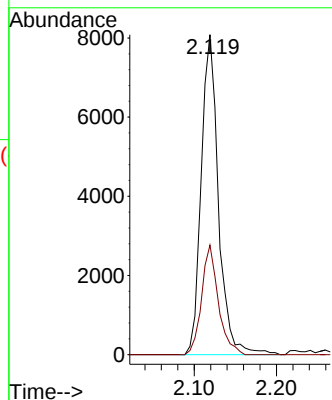
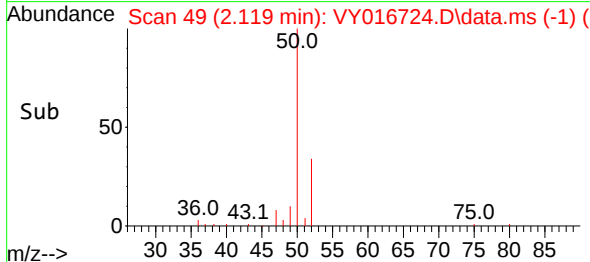
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005



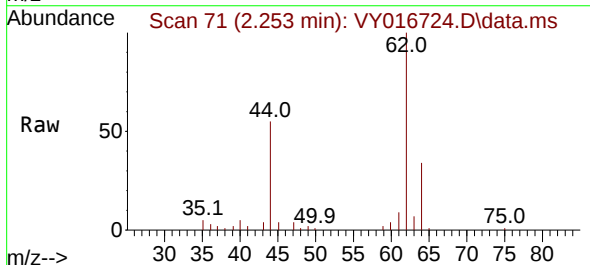
Tgt Ion: 50 Resp: 11798
Ion Ratio Lower Upper
50 100
52 34.3 26.7 40.1

Manual Integrations
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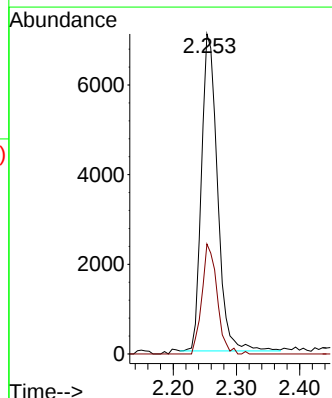
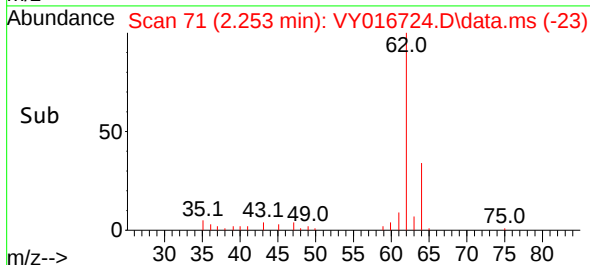
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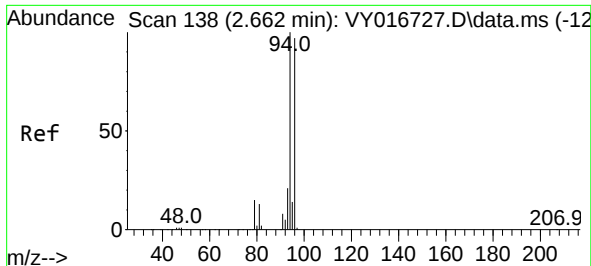


#4
Vinyl Chloride
Concen: 5.283 ug/l
RT: 2.253 min Scan# 71
Delta R.T. -0.006 min
Lab File: VY016724.D
Acq: 20 Dec 2023 14:39



Tgt Ion: 62 Resp: 12531
Ion Ratio Lower Upper
62 100
64 34.7 25.7 38.5





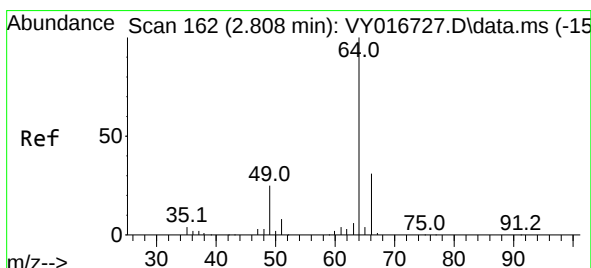
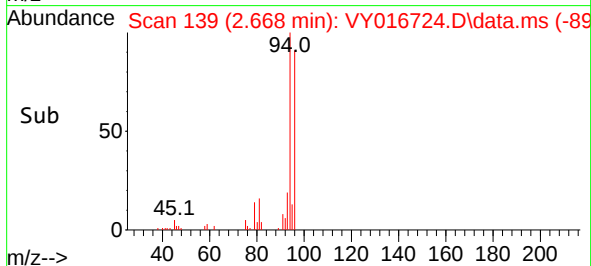
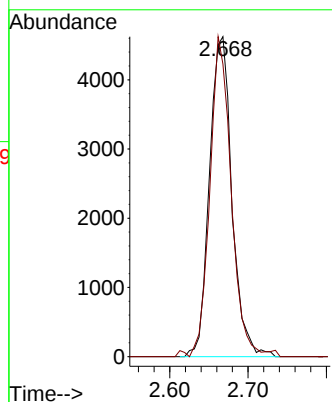
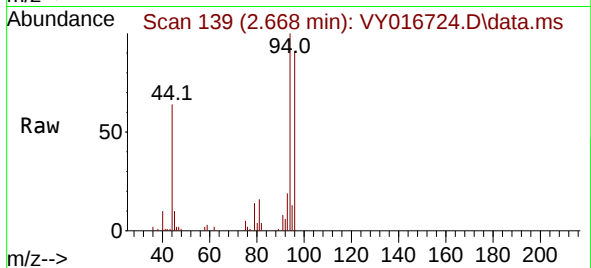
#5
Bromomethane
Concen: 5.452 ug/l
RT: 2.668 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY016724.D
Acq: 20 Dec 2023 14:39

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Tgt Ion: 94 Resp: 921
Ion Ratio Lower Upper
94 100
96 91.5 77.3 115.9

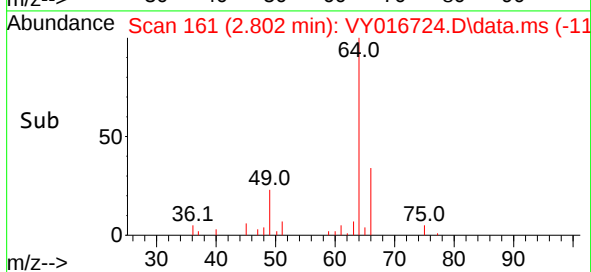
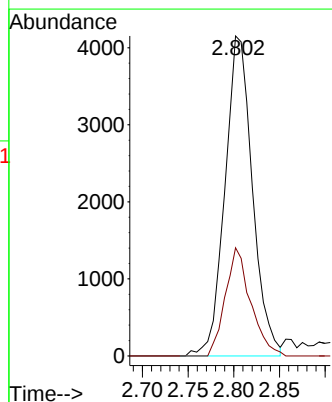
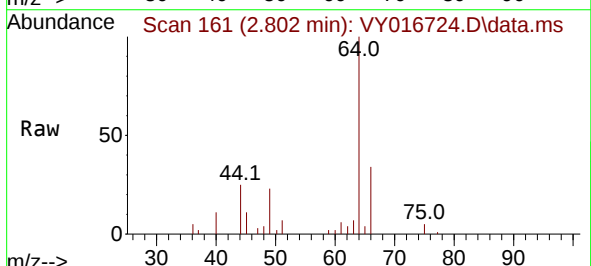
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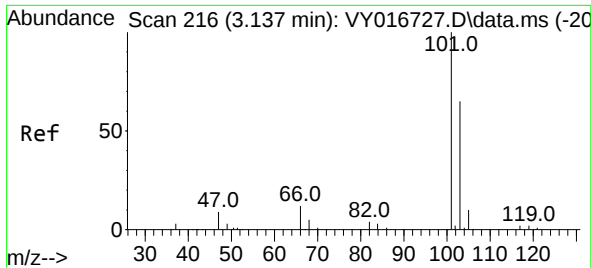
Reviewed By :Mahesh Dadoda 12/21/2023
Supervised By :Semsettin Yesilyurt 12/21/2023



#6
Chloroethane
Concen: 5.406 ug/l
RT: 2.802 min Scan# 161
Delta R.T. -0.006 min
Lab File: VY016724.D
Acq: 20 Dec 2023 14:39

Tgt Ion: 64 Resp: 8689
Ion Ratio Lower Upper
64 100
66 33.8 25.1 37.7





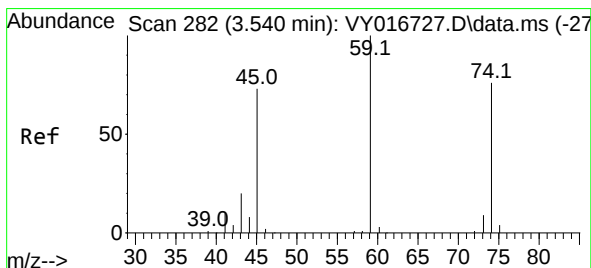
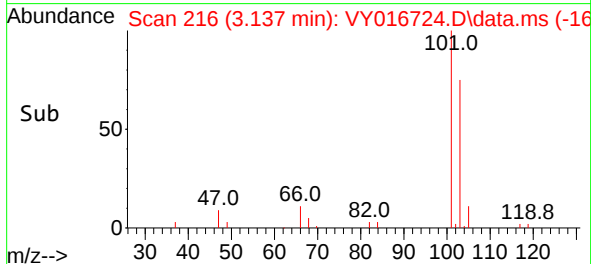
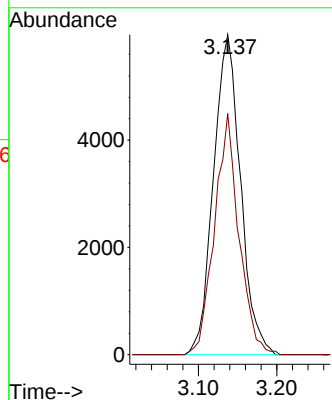
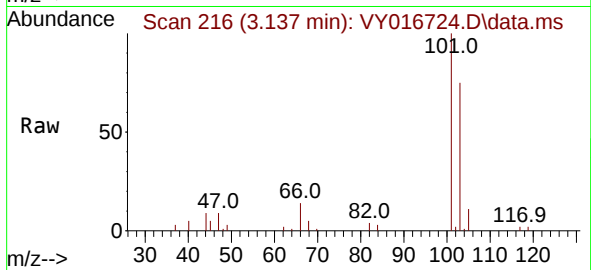
#7
Trichlorofluoromethane
Concen: 5.179 ug/l
RT: 3.137 min Scan# 216
Delta R.T. 0.000 min
Lab File: VY016724.D
Acq: 20 Dec 2023 14:39

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Tgt Ion:101 Resp: 1431
Ion Ratio Lower Upper
101 100
103 75.4 51.9 77.9

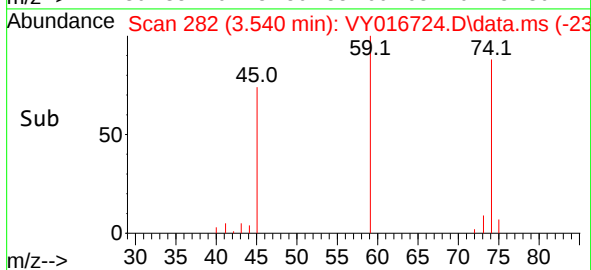
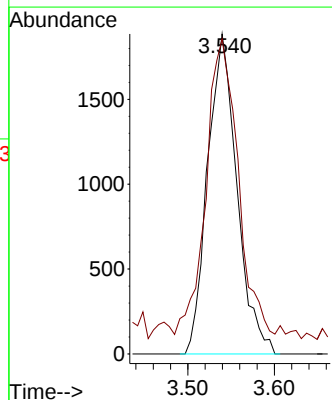
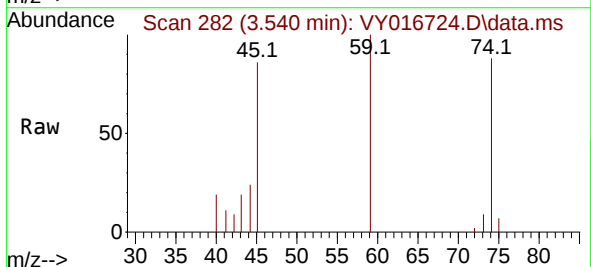
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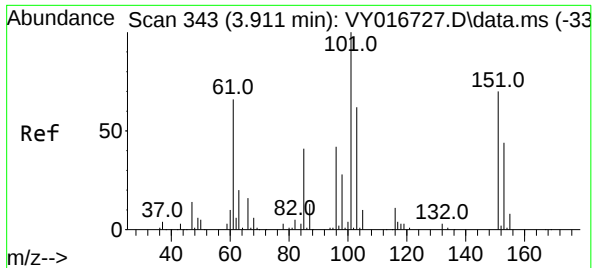
Reviewed By :Mahesh Dadoda 12/21/2023
Supervised By :Semsettin Yesilyurt 12/21/2023



#8
Diethyl Ether
Concen: 5.010 ug/l
RT: 3.540 min Scan# 282
Delta R.T. 0.000 min
Lab File: VY016724.D
Acq: 20 Dec 2023 14:39

Tgt Ion: 74 Resp: 4429
Ion Ratio Lower Upper
74 100
45 100.0 47.9 143.7





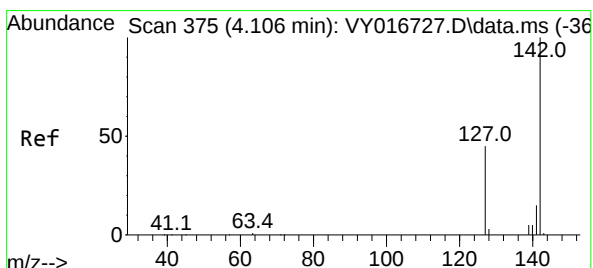
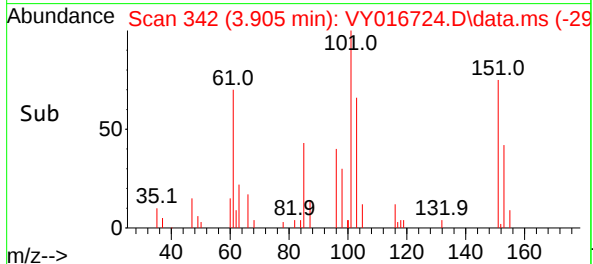
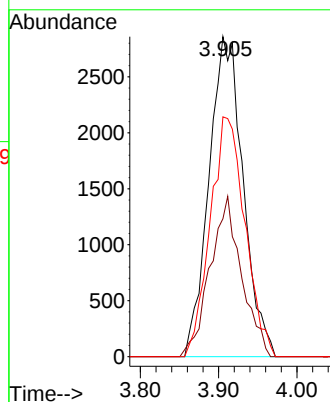
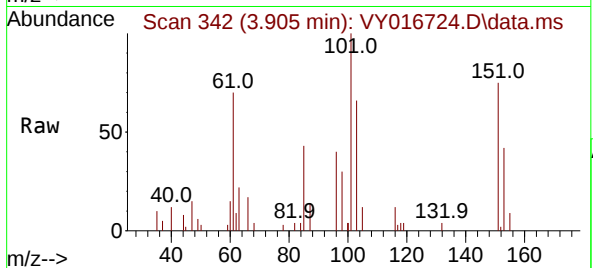
#9
1,1,2-Trichlorotrifluoroethane
Concen: 5.108 ug/l
RT: 3.905 min Scan# 343
Delta R.T. -0.006 min
Lab File: VY016724.D
Acq: 20 Dec 2023 14:39

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tgt Ion:101 Resp: 8659
Ion Ratio Lower Upper
101 100
85 46.0 35.8 53.6
151 76.4 58.6 88.0

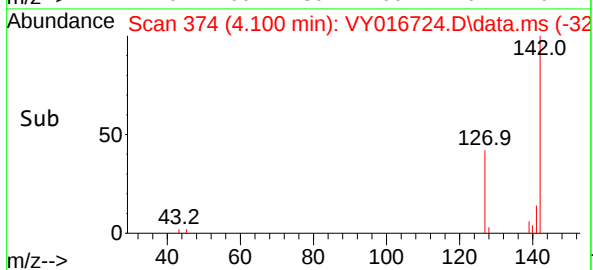
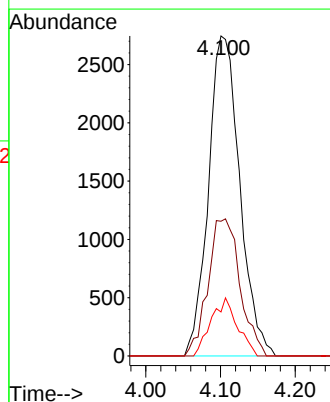
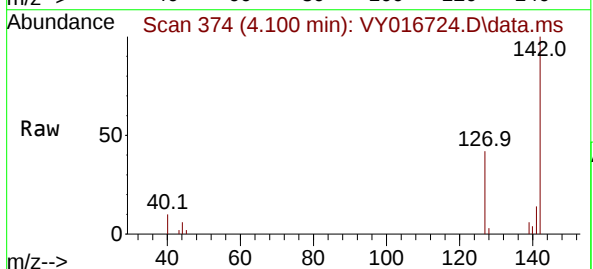
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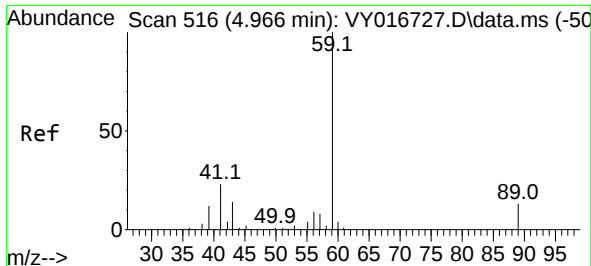
Reviewed By :Mahesh Dadoda 12/21/2023
Supervised By :Semsettin Yesilyurt 12/21/2023



#10
Methyl Iodide
Concen: 4.521 ug/l
RT: 4.100 min Scan# 374
Delta R.T. -0.006 min
Lab File: VY016724.D
Acq: 20 Dec 2023 14:39

Tgt Ion:142 Resp: 7986
Ion Ratio Lower Upper
142 100
127 43.8 35.1 52.7
141 15.3 11.8 17.6





#11

Tert butyl alcohol

Concen: 28.051 ug/l m

RT: 5.003 min Scan# 516

Delta R.T. 0.037 min

Lab File: VY016724.D

Acq: 20 Dec 2023 14:39

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

Tgt Ion: 59 Resp: 335

Ion Ratio Lower Upper

59 100

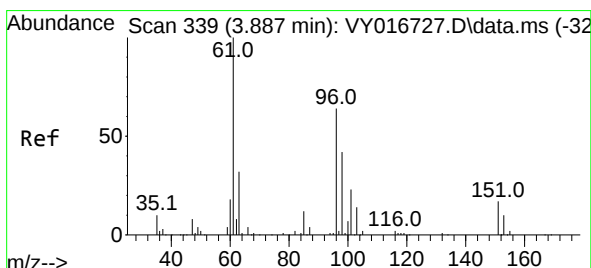
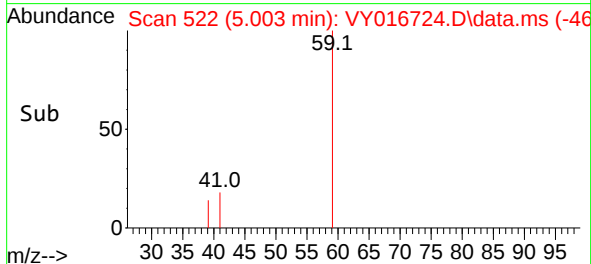
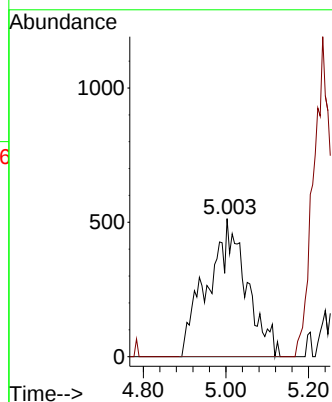
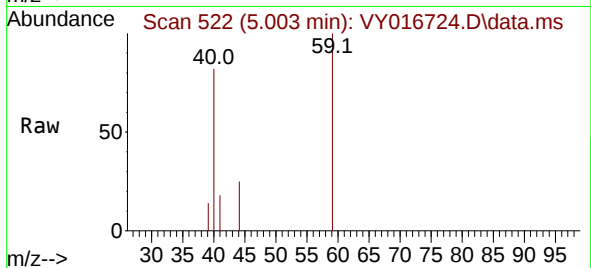
57 0.0 7.4 11.0

Manual Integrations

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Reviewed By :Mahesh Dadoda 12/21/2023

Supervised By :Semsettin Yesilyurt 12/21/2023



#12

1,1-Dichloroethene

Concen: 4.935 ug/l

RT: 3.887 min Scan# 339

Delta R.T. 0.000 min

Lab File: VY016724.D

Acq: 20 Dec 2023 14:39

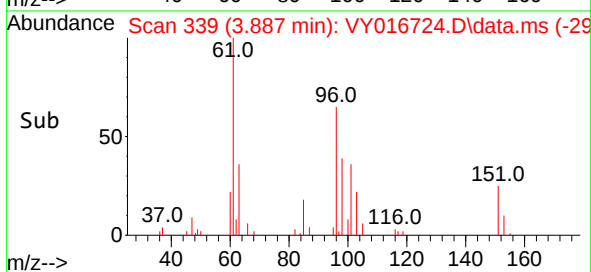
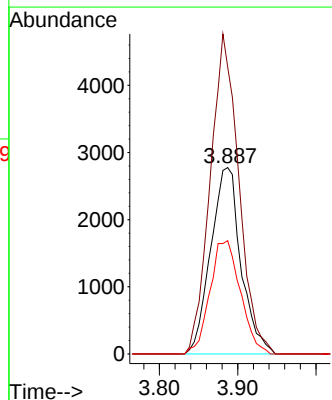
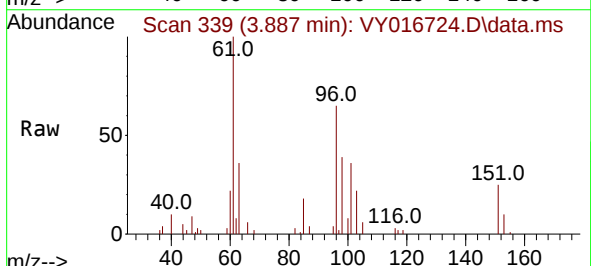
Tgt Ion: 96 Resp: 7449

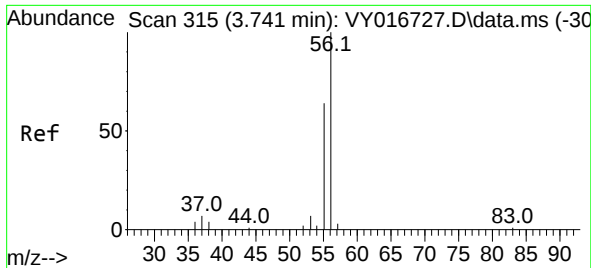
Ion Ratio Lower Upper

96 100

61 153.9 124.2 186.2

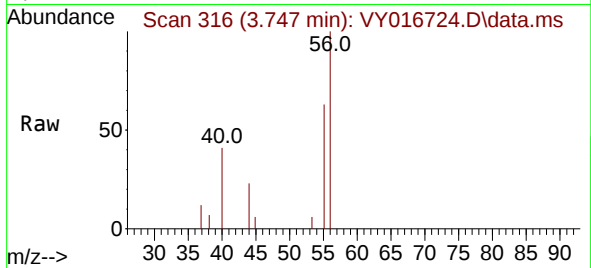
98 60.8 52.6 79.0





#13
Acrolein
Concen: 30.606 ug/l
RT: 3.747 min Scan# 316
Delta R.T. 0.006 min
Lab File: VY016724.D
Acq: 20 Dec 2023 14:39

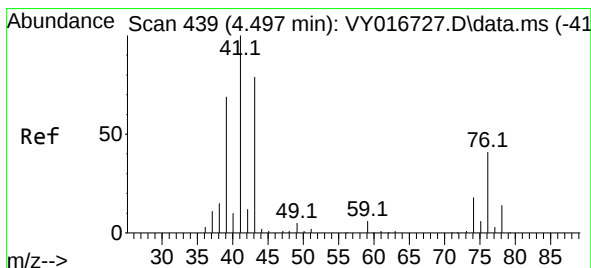
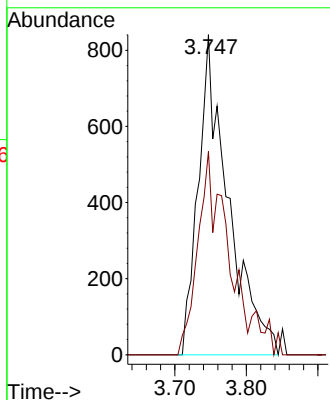
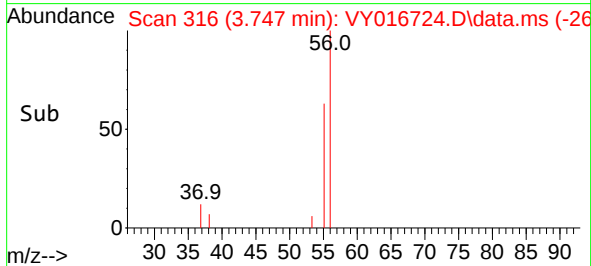
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005



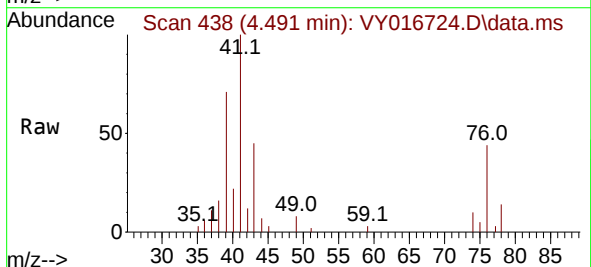
Tgt Ion: 56 Resp: 2450
Ion Ratio Lower Upper
56 100
55 60.9 55.4 83.0

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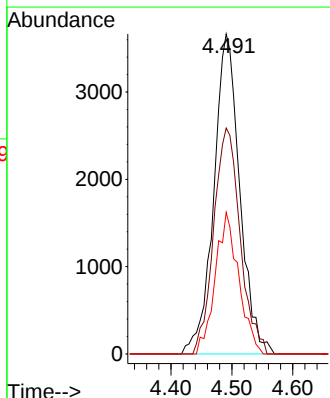
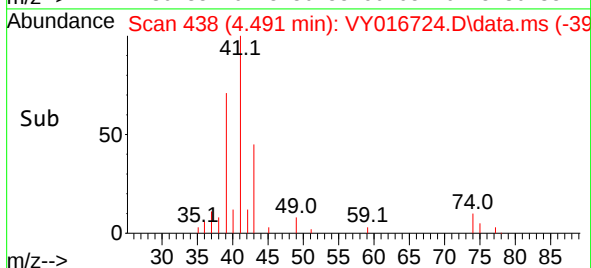
Reviewed By :Mahesh Dadoda 12/21/2023
Supervised By :Semsettin Yesilyurt 12/21/2023

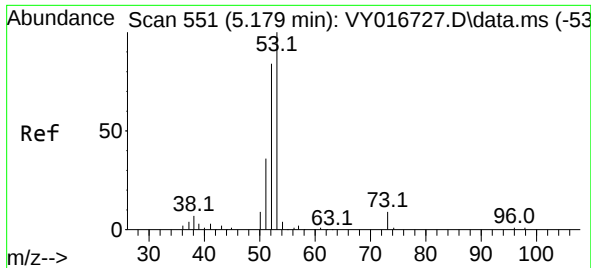


#14
Allyl chloride
Concen: 4.688 ug/l
RT: 4.491 min Scan# 438
Delta R.T. -0.006 min
Lab File: VY016724.D
Acq: 20 Dec 2023 14:39



Tgt Ion: 41 Resp: 10837
Ion Ratio Lower Upper
41 100
39 71.9 54.7 82.1
76 40.0 31.8 47.6





#15

Acrylonitrile

Concen: 21.899 ug/l

RT: 5.186 min Scan# 51

Delta R.T. 0.007 min

Lab File: VY016724.D

Acq: 20 Dec 2023 14:39

Instrument :

MSVOA_Y

ClientSampleId :

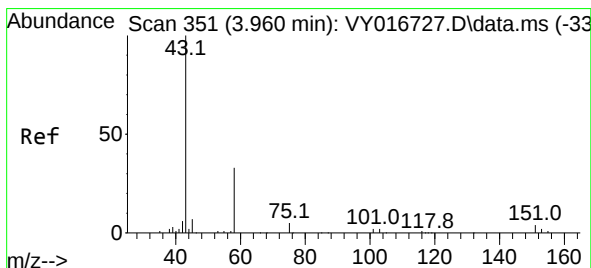
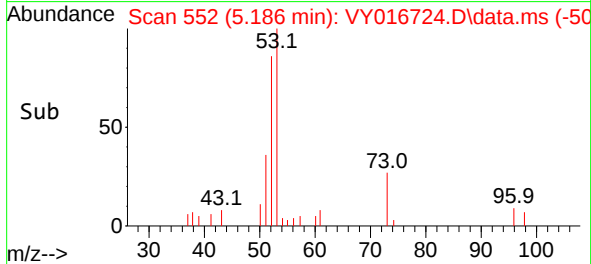
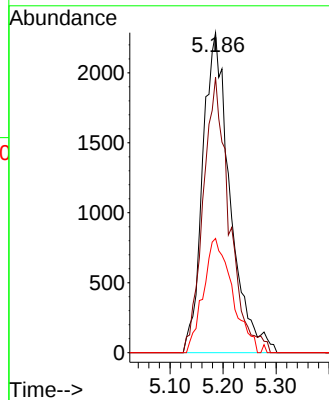
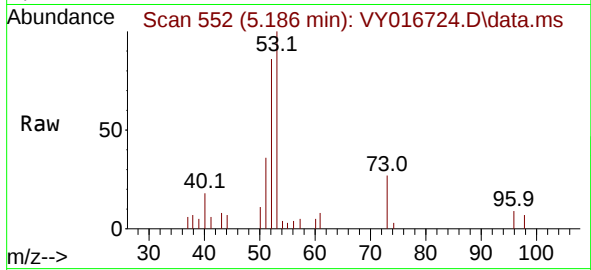
VSTDICC005

Tgt Ion: 53	Resp: 819
Ion Ratio	Lower Upper
53 100	
52 82.1	65.1 97.7
51 37.6	29.0 43.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/21/2023
Supervised By :Semsettin Yesilyurt 12/21/2023



#16

Acetone

Concen: 27.677 ug/l

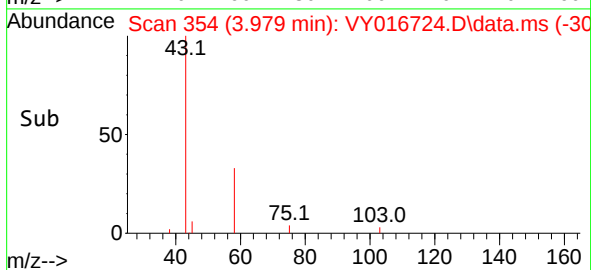
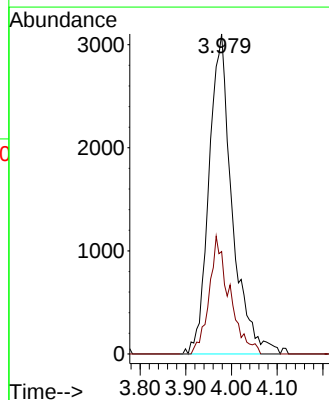
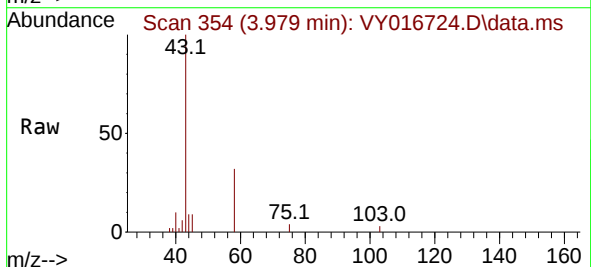
RT: 3.979 min Scan# 354

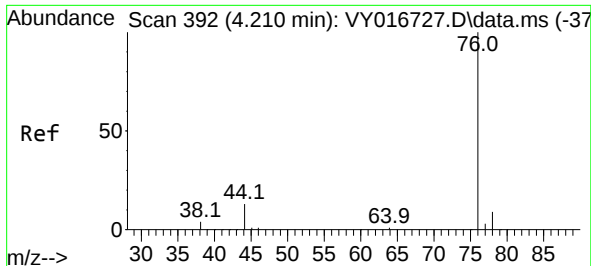
Delta R.T. 0.019 min

Lab File: VY016724.D

Acq: 20 Dec 2023 14:39

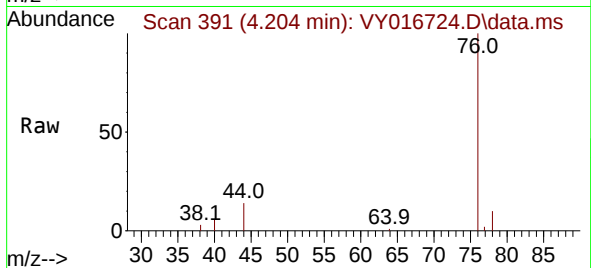
Tgt Ion: 43	Resp: 10923
Ion Ratio	Lower Upper
43 100	
58 32.0	26.6 39.8





#17
Carbon Disulfide
Concen: 4.928 ug/l
RT: 4.204 min Scan# 392
Delta R.T. -0.006 min
Lab File: VY016724.D
Acq: 20 Dec 2023 14:39

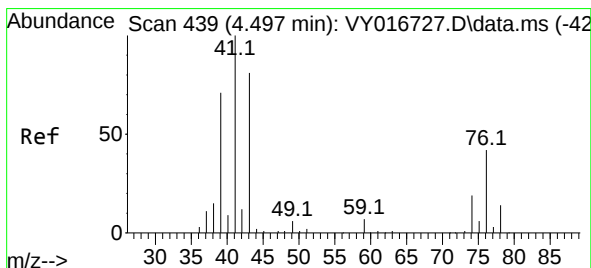
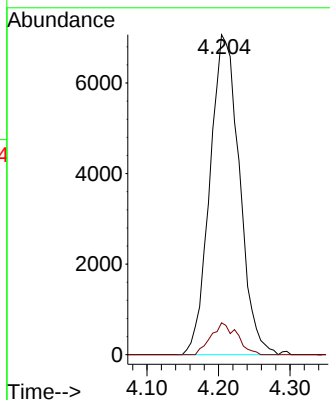
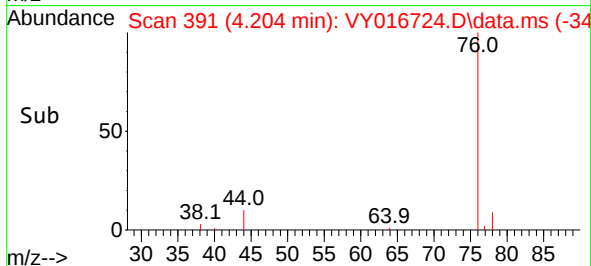
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005



Tgt Ion: 76 Resp: 20239
Ion Ratio Lower Upper
76 100
78 9.9 7.4 11.0

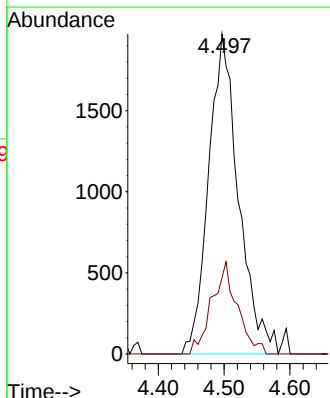
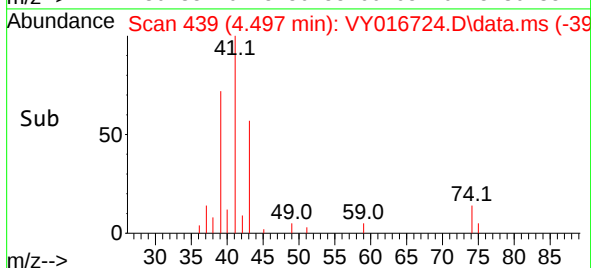
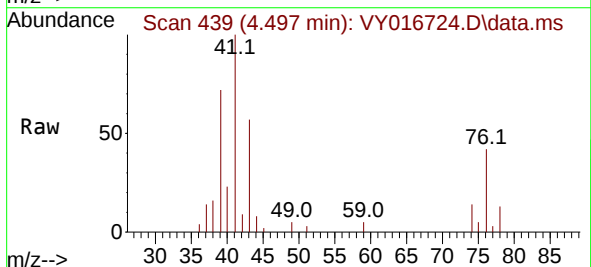
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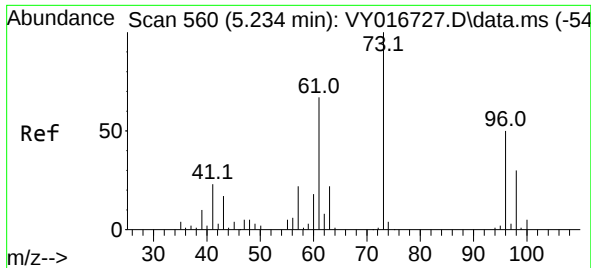
Reviewed By :Mahesh Dadoda 12/21/2023
Supervised By :Semsettin Yesilyurt 12/21/2023



#18
Methyl Acetate
Concen: 4.061 ug/l
RT: 4.497 min Scan# 439
Delta R.T. 0.000 min
Lab File: VY016724.D
Acq: 20 Dec 2023 14:39

Tgt Ion: 43 Resp: 6263
Ion Ratio Lower Upper
43 100
74 24.4 19.8 29.6





#19

Methyl tert-butyl Ether

Concen: 4.557 ug/l

RT: 5.234 min Scan# 5

Delta R.T. 0.000 min

Lab File: VY016724.D

Acq: 20 Dec 2023 14:39

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

Tgt Ion: 73 Resp: 17690

Ion Ratio Lower Upper

73 100

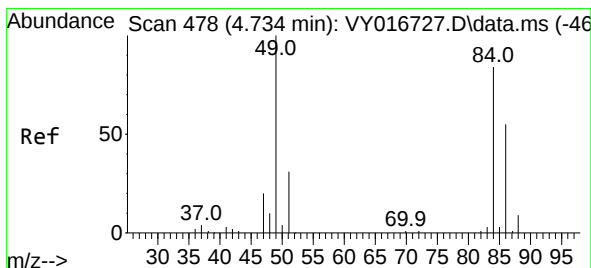
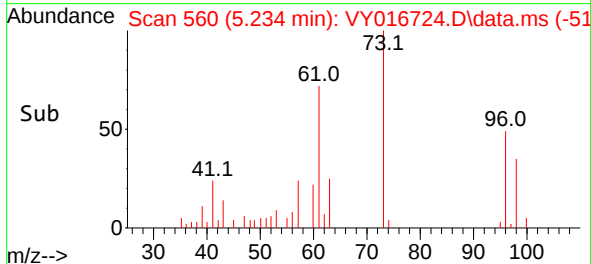
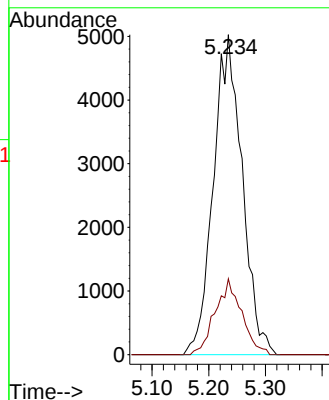
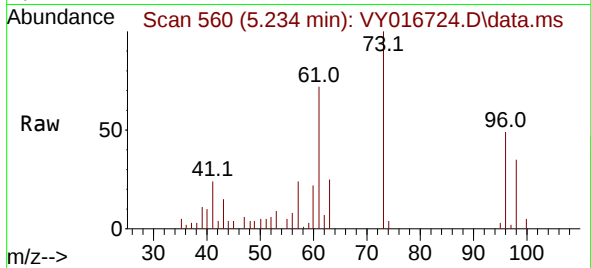
57 23.7 17.7 26.5

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Reviewed By :Mahesh Dadoda 12/21/2023

Supervised By :Semsettin Yesilyurt 12/21/2023



#20

Methylene Chloride

Concen: 6.400 ug/l

RT: 4.734 min Scan# 478

Delta R.T. 0.000 min

Lab File: VY016724.D

Acq: 20 Dec 2023 14:39

Tgt Ion: 84 Resp: 18419

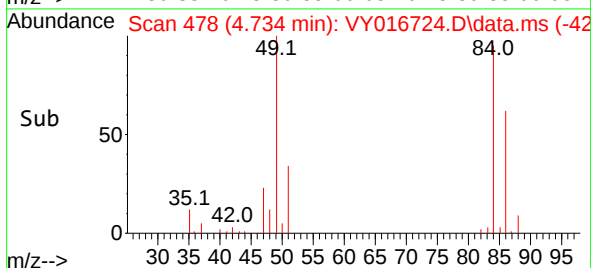
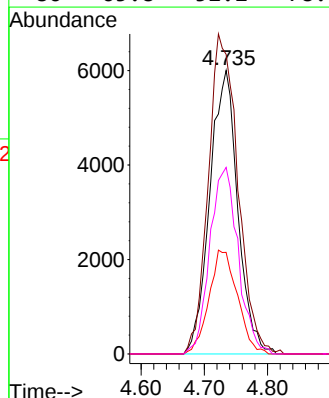
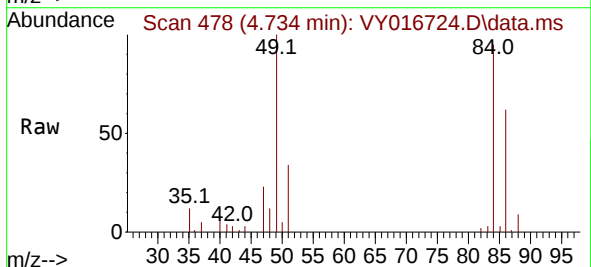
Ion Ratio Lower Upper

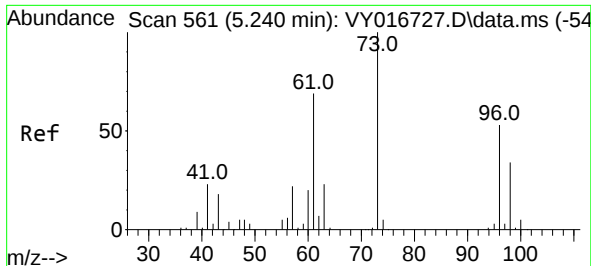
84 100

49 105.7 95.2 142.8

51 35.8 29.9 44.9

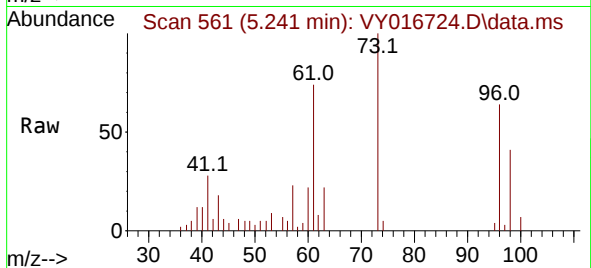
86 65.8 52.2 78.4





#21
trans-1,2-Dichloroethene
Concen: 4.866 ug/l
RT: 5.241 min Scan# 501
Delta R.T. 0.000 min
Lab File: VY016724.D
Acq: 20 Dec 2023 14:39

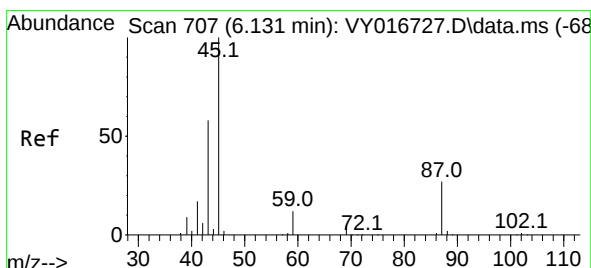
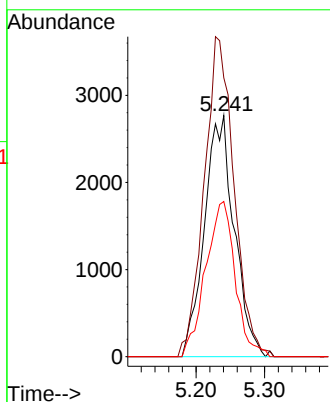
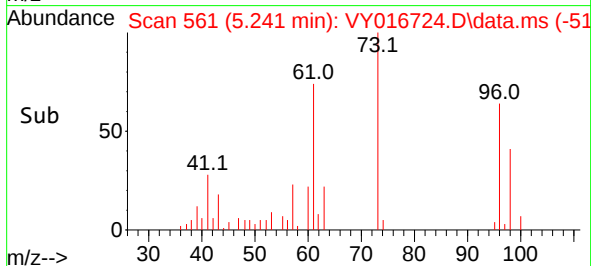
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005



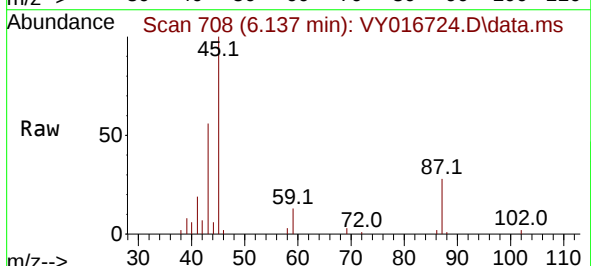
Tgt Ion: 96 Resp: 8370
Ion Ratio Lower Upper
96 100
61 115.7 104.6 156.8
98 64.4 50.9 76.3

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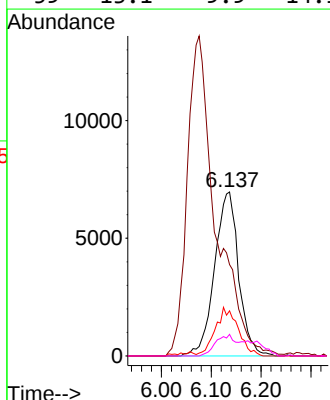
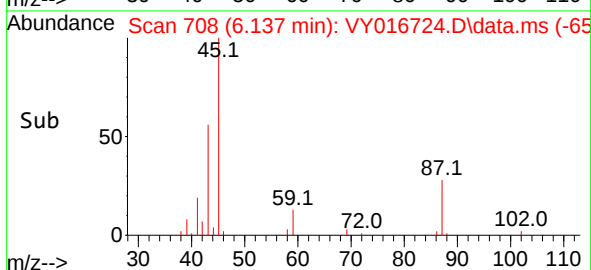
Reviewed By :Mahesh Dadoda 12/21/2023
Supervised By :Semsettin Yesilyurt 12/21/2023

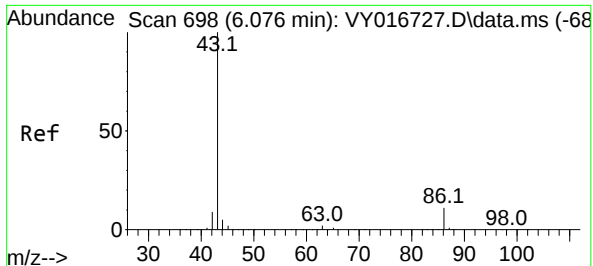


#22
Diisopropyl ether
Concen: 4.466 ug/l
RT: 6.137 min Scan# 708
Delta R.T. 0.006 min
Lab File: VY016724.D
Acq: 20 Dec 2023 14:39



Tgt Ion: 45 Resp: 23360
Ion Ratio Lower Upper
45 100
43 54.6 46.8 70.2
87 27.6 22.2 33.2
59 13.1 9.9 14.9





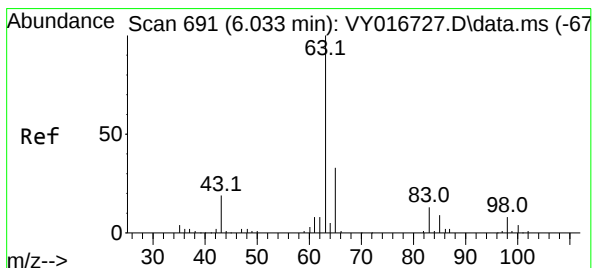
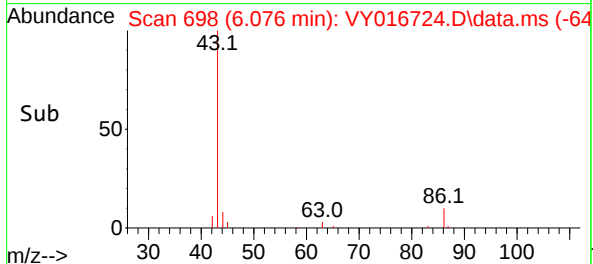
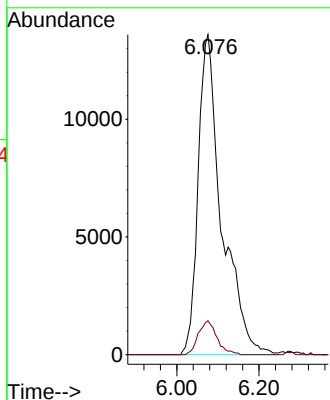
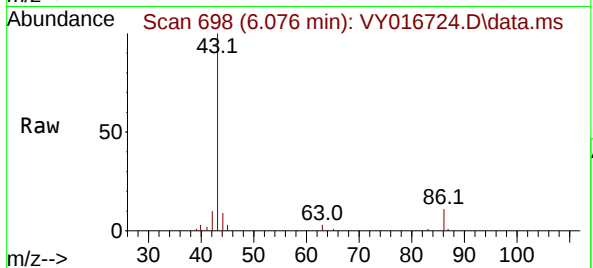
#23
 Vinyl Acetate
 Concen: 21.842 ug/l
 RT: 6.076 min Scan# 698
 Delta R.T. -0.000 min
 Lab File: VY016724.D
 Acq: 20 Dec 2023 14:39

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC005

Tgt Ion: 43 Resp: 54028
 Ion Ratio Lower Upper
 43 100
 86 10.6 8.6 13.0

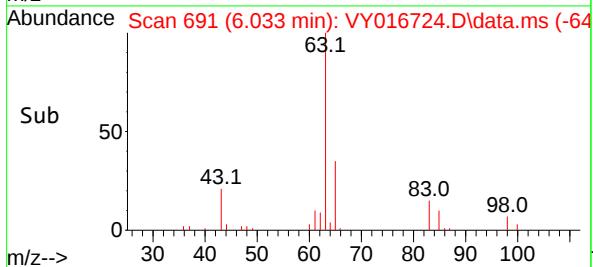
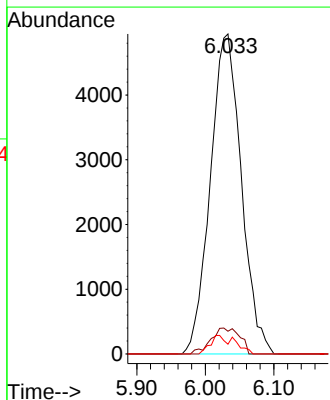
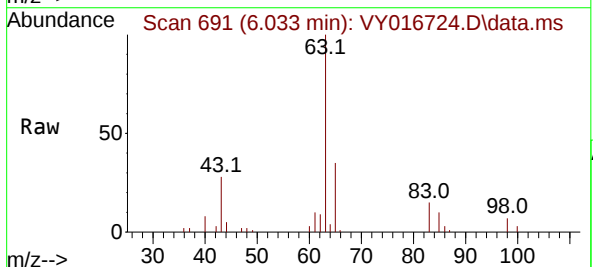
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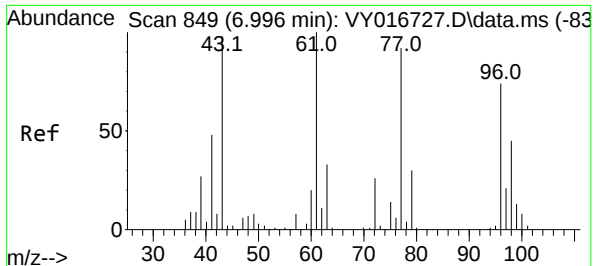
Reviewed By :Mahesh Dadoda 12/21/2023
 Supervised By :Semsettin Yesilyurt 12/21/2023



#24
 1,1-Dichloroethane
 Concen: 4.944 ug/l
 RT: 6.033 min Scan# 691
 Delta R.T. 0.000 min
 Lab File: VY016724.D
 Acq: 20 Dec 2023 14:39

Tgt Ion: 63 Resp: 15533
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.8 11.4
 100 3.0 2.1 6.2





#25

2-Butanone

Concen: 24.162 ug/l

RT: 7.008 min Scan# 851

Delta R.T. 0.012 min

Lab File: VY016724.D

Acq: 20 Dec 2023 14:39

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC005

Tgt Ion: 43 Resp: 13129

Ion Ratio Lower Upper

43 100

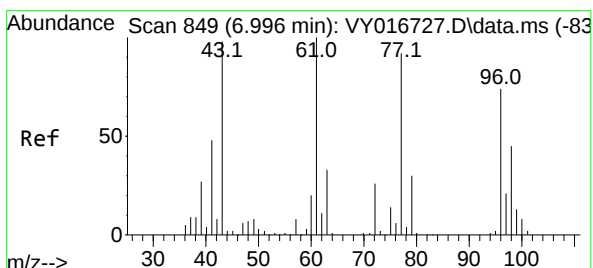
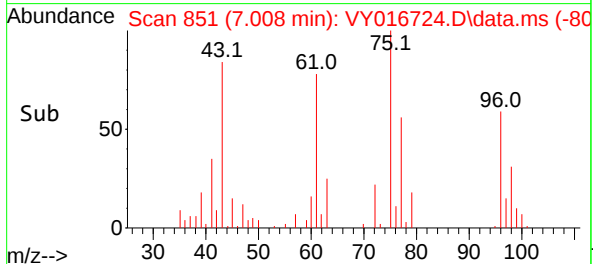
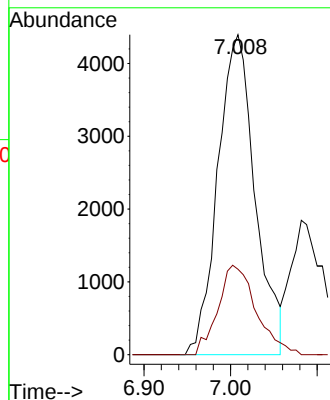
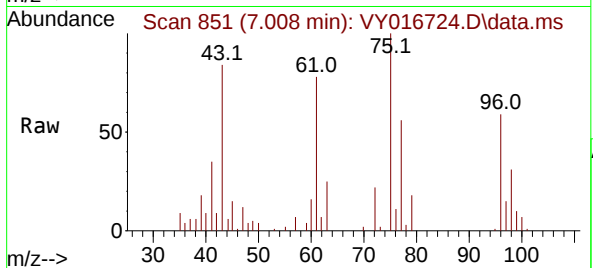
72 26.7 21.4 32.2

Manual Integrations

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Reviewed By :Mahesh Dadoda 12/21/2023

Supervised By :Semsettin Yesilyurt 12/21/2023



#26

2,2-Dichloropropane

Concen: 5.068 ug/l

RT: 6.996 min Scan# 849

Delta R.T. 0.000 min

Lab File: VY016724.D

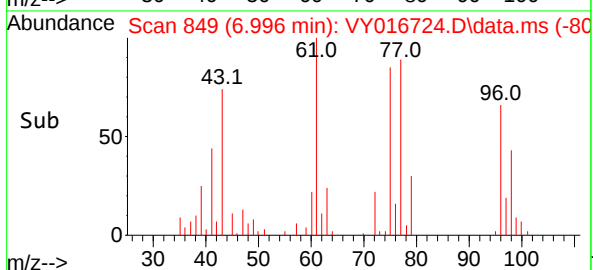
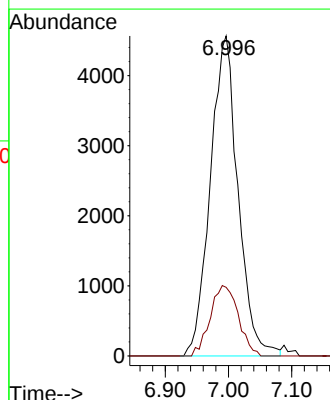
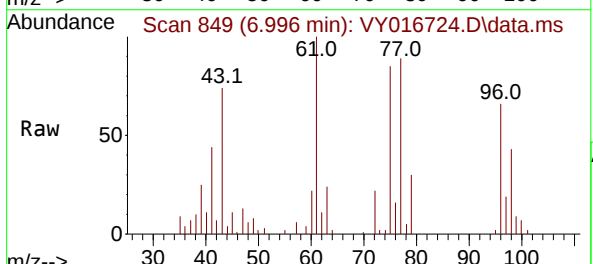
Acq: 20 Dec 2023 14:39

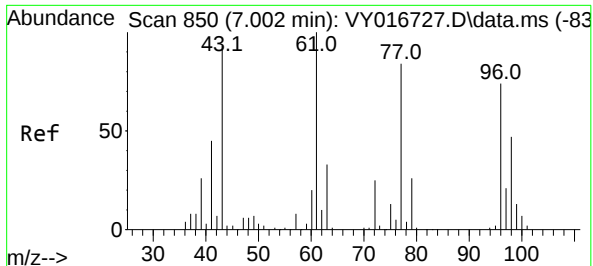
Tgt Ion: 77 Resp: 13895

Ion Ratio Lower Upper

77 100

97 22.3 11.7 35.0





#27

cis-1,2-Dichloroethene

Concen: 4.802 ug/l

RT: 6.996 min Scan# 849

Delta R.T. -0.006 min

Lab File: VY016724.D

Acq: 20 Dec 2023 14:39

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

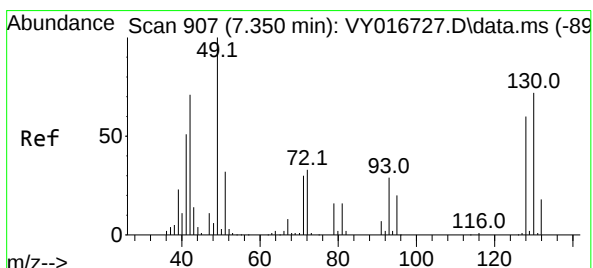
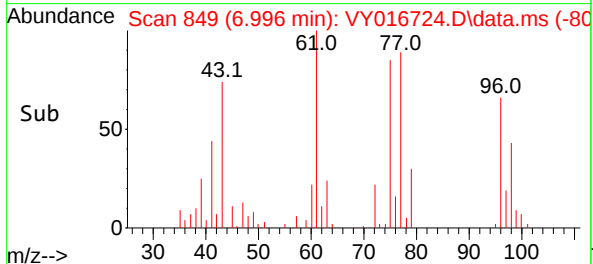
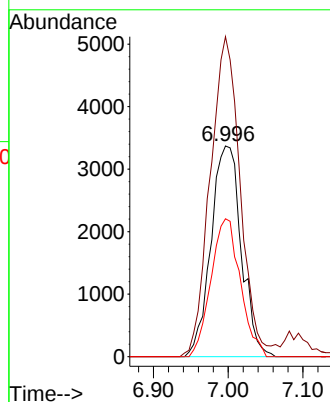
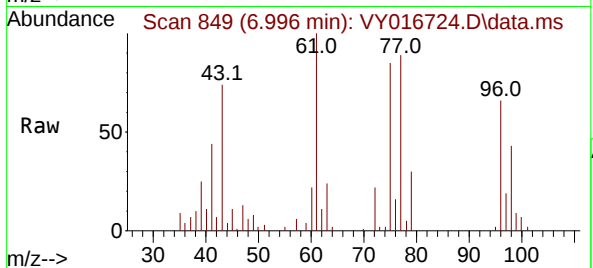
Tgt Ion: 96 Resp: 951

Ion	Ratio	Lower	Upper
96	100		
61	149.7	0.0	278.8
98	63.4	0.0	127.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/21/2023
Supervised By :Semsettin Yesilyurt 12/21/2023



#28

Bromochloromethane

Concen: 4.166 ug/l

RT: 7.344 min Scan# 906

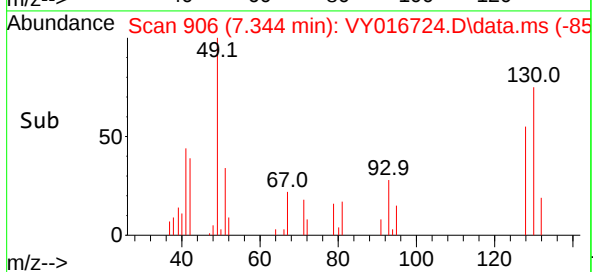
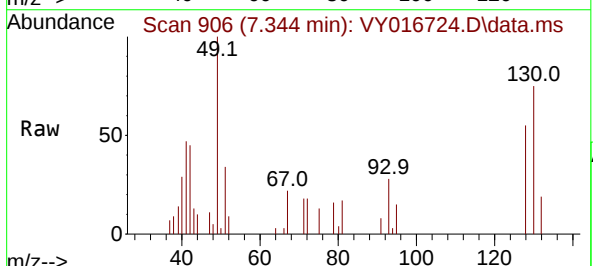
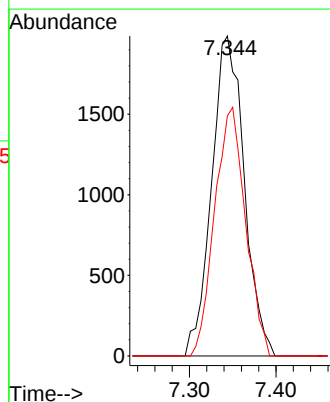
Delta R.T. -0.006 min

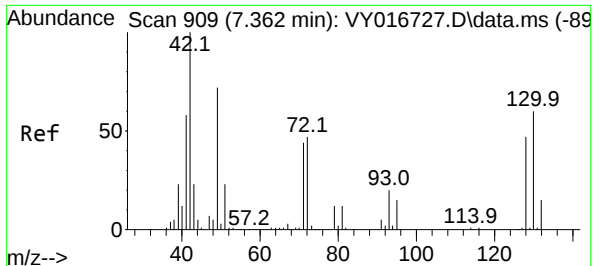
Lab File: VY016724.D

Acq: 20 Dec 2023 14:39

Tgt Ion: 49 Resp: 5180

Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	3.8
130	74.0	59.8	89.8





#29

Tetrahydrofuran

Concen: 20.123 ug/l

RT: 7.368 min Scan# 910

Delta R.T. 0.006 min

Lab File: VY016724.D

Acq: 20 Dec 2023 14:39

Instrument :

MSVOA_Y

ClientSampleId :

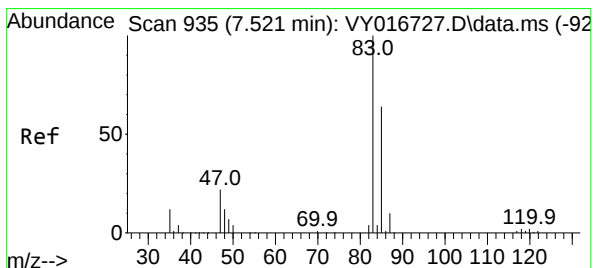
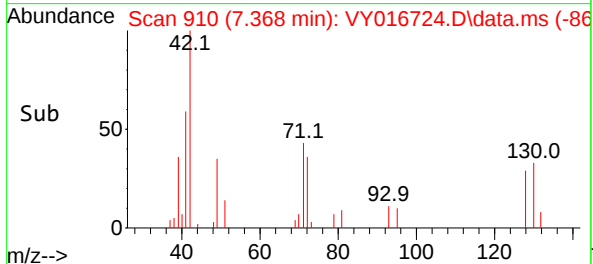
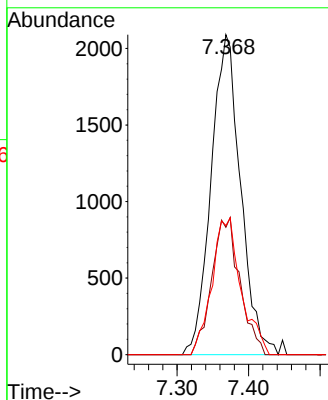
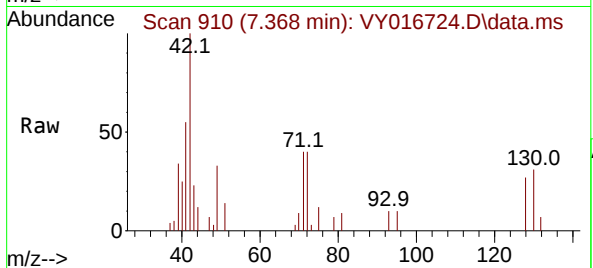
VSTDIC005

Tgt Ion: 42	Resp: 5979
Ion Ratio	Lower Upper
42 100	
72 40.9	36.6 54.8
71 42.3	33.8 50.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/21/2023
Supervised By :Semsettin Yesilyurt 12/21/2023



#30

Chloroform

Concen: 4.978 ug/l

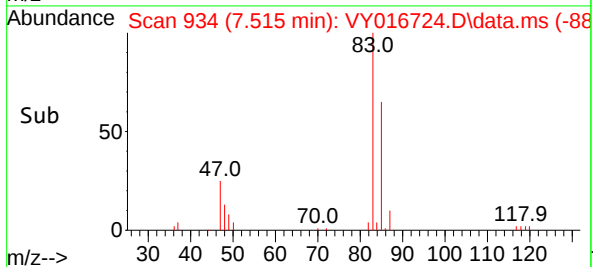
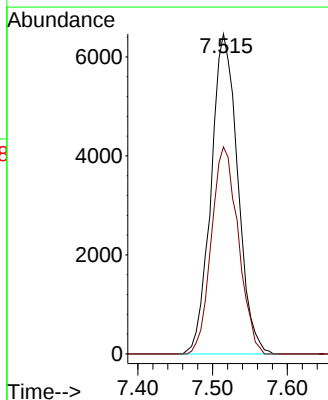
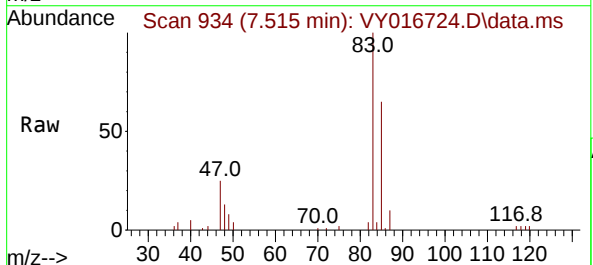
RT: 7.515 min Scan# 934

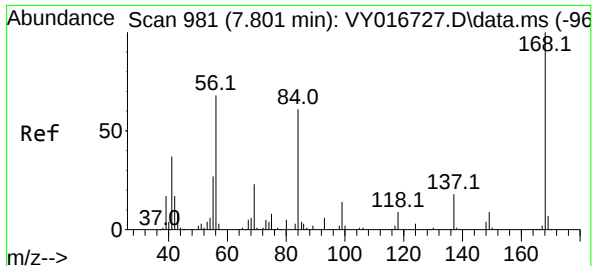
Delta R.T. -0.006 min

Lab File: VY016724.D

Acq: 20 Dec 2023 14:39

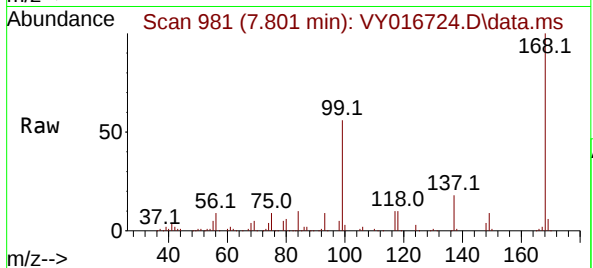
Tgt Ion: 83	Resp: 16012
Ion Ratio	Lower Upper
83 100	
85 64.7	51.2 76.8





#31
Cyclohexane
Concen: 5.449 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY016724.D
Acq: 20 Dec 2023 14:39

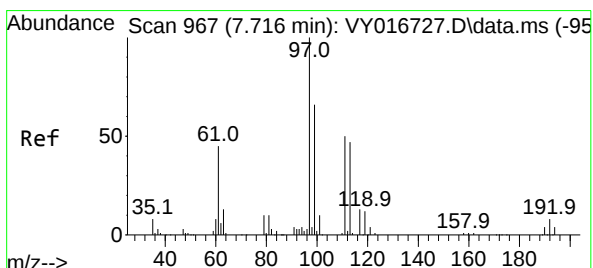
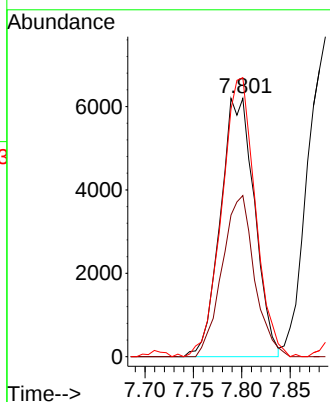
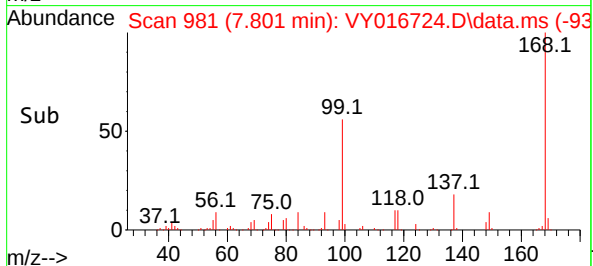
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005



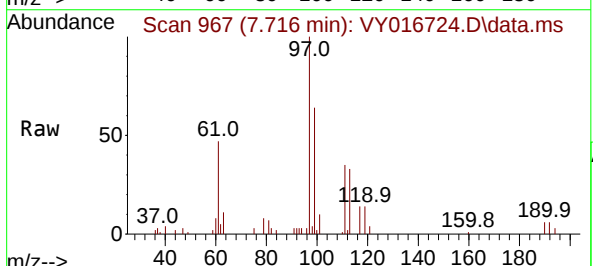
Tgt Ion: 56 Resp: 15230
Ion Ratio Lower Upper
56 100
69 62.4 27.0 40.6
84 107.1 71.8 107.6

Manual Integrations
APPROVED

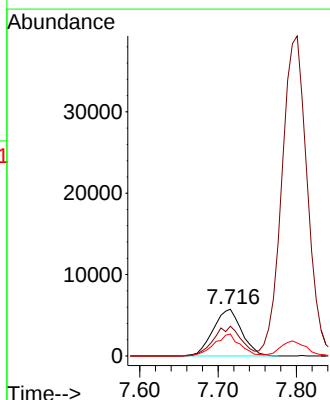
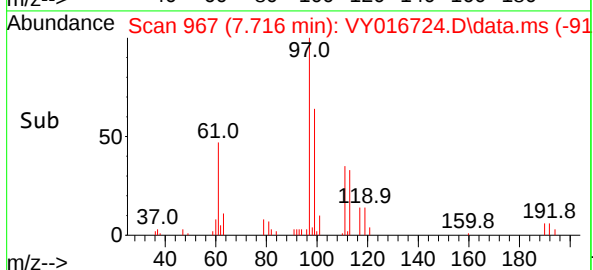
Reviewed By :Mahesh Dadoda 12/21/2023
Supervised By :Semsettin Yesilyurt 12/21/2023

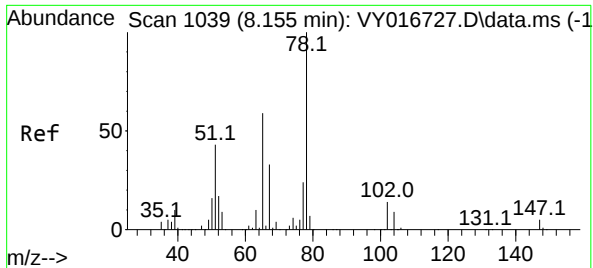


#32
1,1,1-Trichloroethane
Concen: 5.137 ug/l
RT: 7.716 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY016724.D
Acq: 20 Dec 2023 14:39



Tgt Ion: 97 Resp: 14503
Ion Ratio Lower Upper
97 100
99 62.0 51.2 76.8
61 42.5 35.0 52.6





#33

1,2-Dichloroethane-d4

Concen: 4.306 ug/l

RT: 8.155 min Scan# 1108

Delta R.T. 0.000 min

Lab File: VY016724.D

Acq: 20 Dec 2023 14:39

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

Tgt Ion: 65 Resp: 6284

Ion Ratio Lower Upper

65 100

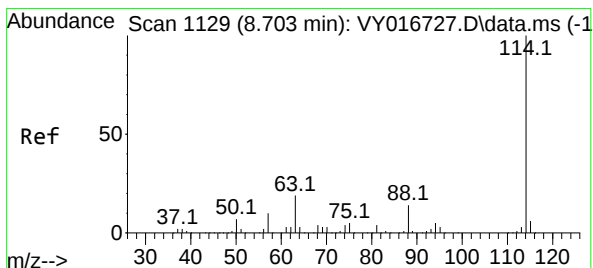
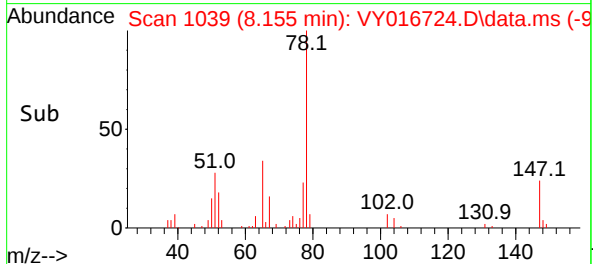
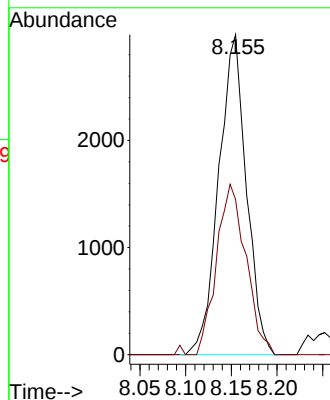
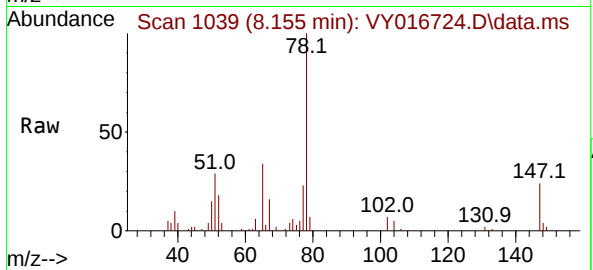
67 56.7 0.0 109.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/21/2023

Supervised By :Semsettin Yesilyurt 12/21/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. -0.006 min

Lab File: VY016724.D

Acq: 20 Dec 2023 14:39

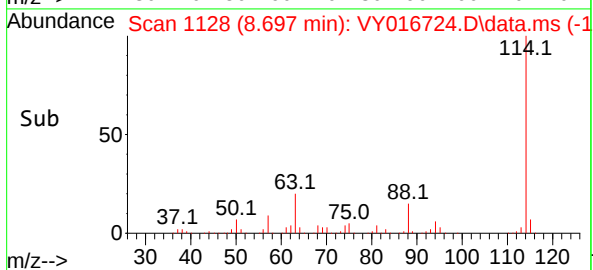
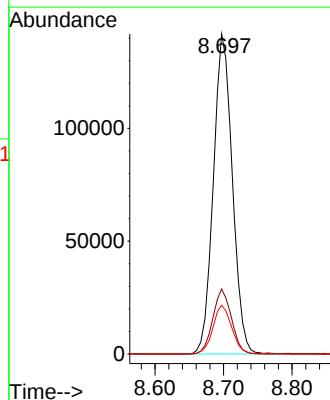
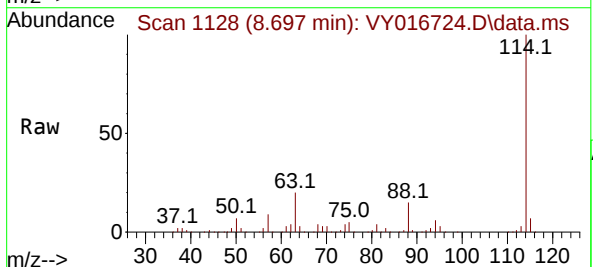
Tgt Ion:114 Resp: 273251

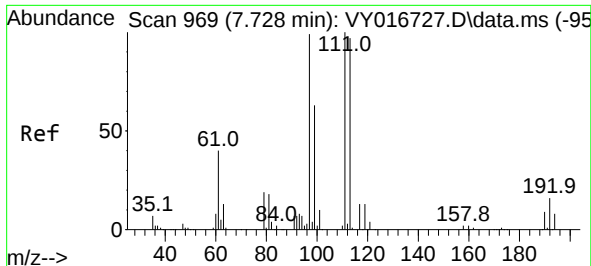
Ion Ratio Lower Upper

114 100

63 20.3 0.0 37.4

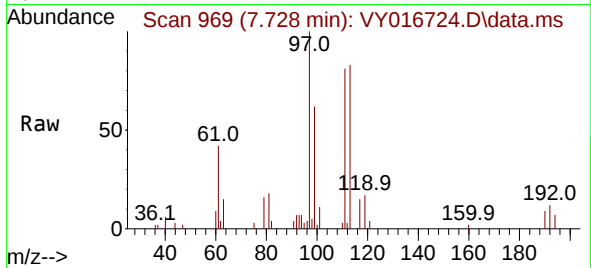
88 15.2 0.0 29.0





#35
Dibromofluoromethane
Concen: 4.190 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY016724.D
Acq: 20 Dec 2023 14:39

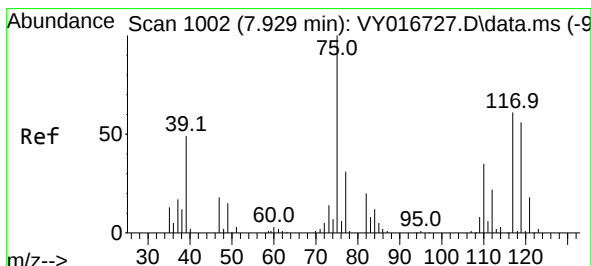
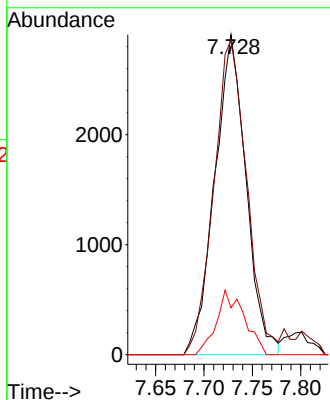
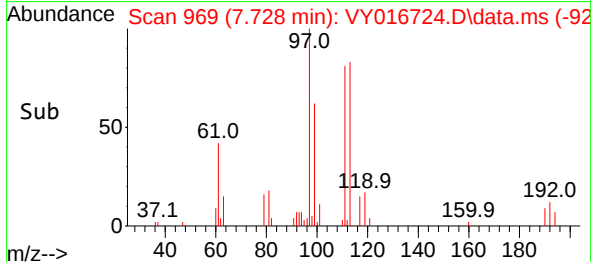
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005



Tgt Ion: 113 Resp: 6558
Ion Ratio Lower Upper
113 100
111 103.0 83.8 125.6
192 17.9 14.5 21.7

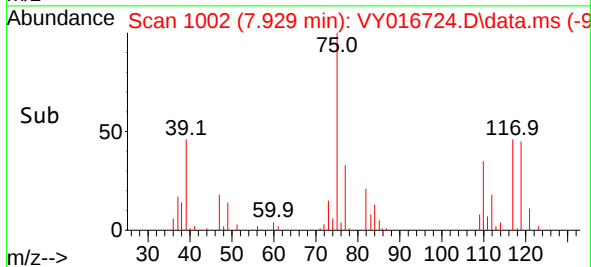
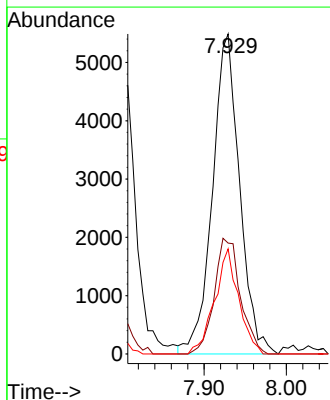
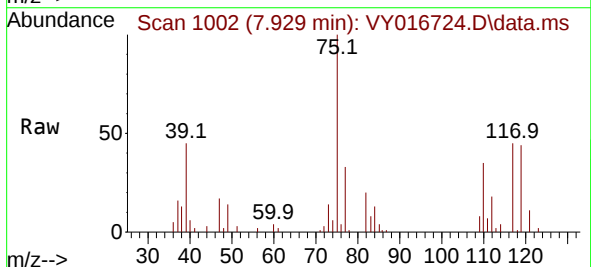
Manual Integrations
APPROVED

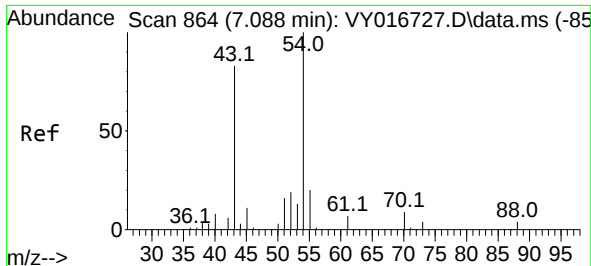
Reviewed By :Mahesh Dadoda 12/21/2023
Supervised By :Semsettin Yesilyurt 12/21/2023



#36
1,1-Dichloropropene
Concen: 5.016 ug/l
RT: 7.929 min Scan# 1002
Delta R.T. 0.000 min
Lab File: VY016724.D
Acq: 20 Dec 2023 14:39

Tgt Ion: 75 Resp: 12588
Ion Ratio Lower Upper
75 100
110 34.8 17.4 52.3
77 29.2 24.7 37.1





#37

Ethyl Acetate

Concen: 3.869 ug/l

RT: 7.082 min Scan# 80

Delta R.T. -0.006 min

Lab File: VY016724.D

Acq: 20 Dec 2023 14:39

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC005

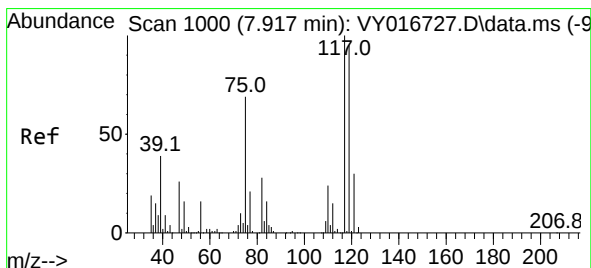
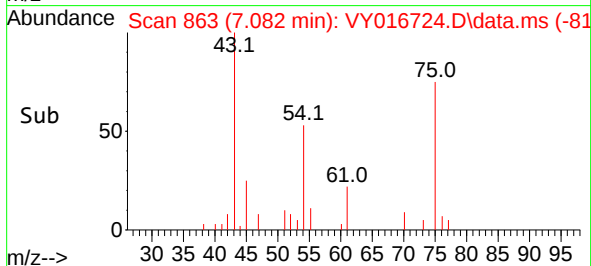
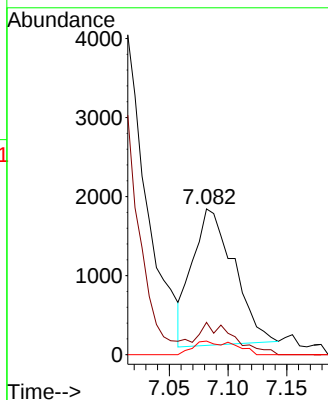
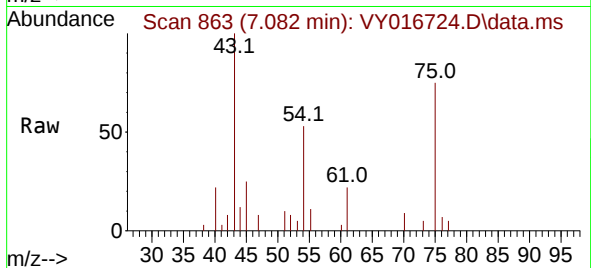
Tgt Ion: 43 Resp: 4249

Ion	Ratio	Lower	Upper
43	100		
61	19.5	11.0	16.6
70	10.0	8.1	12.1

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/21/2023
Supervised By :Semsettin Yesilyurt 12/21/2023



#38

Carbon Tetrachloride

Concen: 4.886 ug/l

RT: 7.905 min Scan# 998

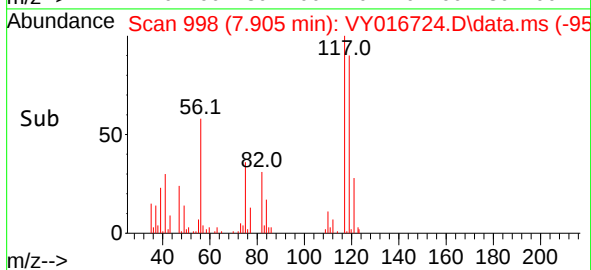
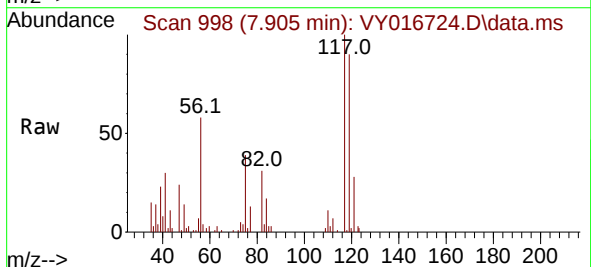
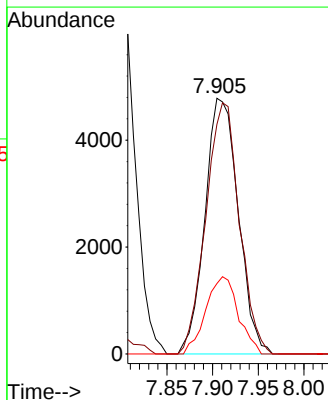
Delta R.T. -0.012 min

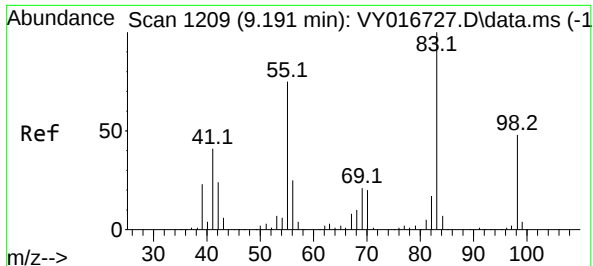
Lab File: VY016724.D

Acq: 20 Dec 2023 14:39

Tgt Ion:117 Resp: 12132

Ion	Ratio	Lower	Upper
117	100		
119	89.8	76.0	114.0
121	27.5	24.2	36.2





#39

Methylcyclohexane

Concen: 4.440 ug/l

RT: 9.191 min Scan# 1209

Delta R.T. 0.000 min

Lab File: VY016724.D

Acq: 20 Dec 2023 14:39

Instrument :

MSVOA_Y

ClientSampleId :

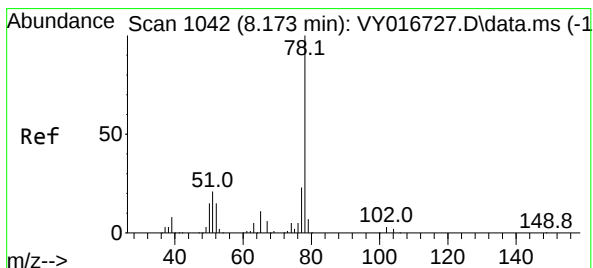
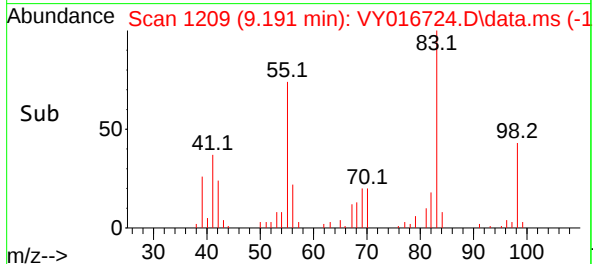
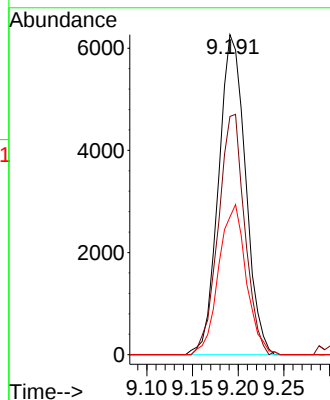
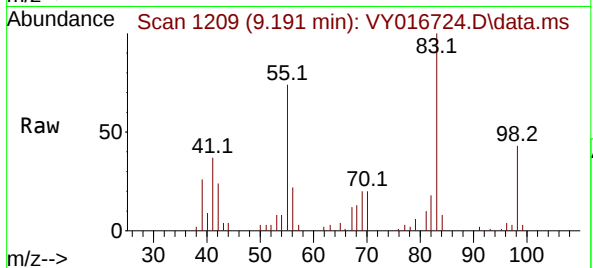
VSTDIC005

Tgt Ion:	83	Resp:	1286
Ion	Ratio	Lower	Upper
83	100		
55	74.4	59.7	89.5
98	43.1	38.0	57.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/21/2023
Supervised By :Semsettin Yesilyurt 12/21/2023



#40

Benzene

Concen: 4.846 ug/l

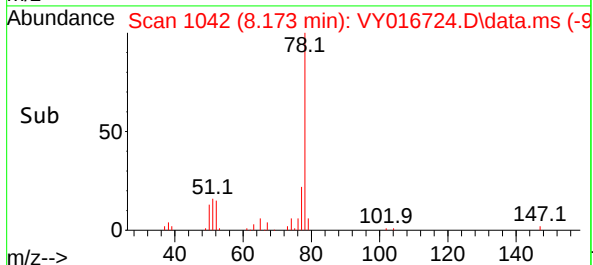
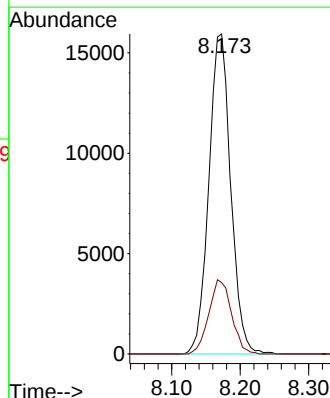
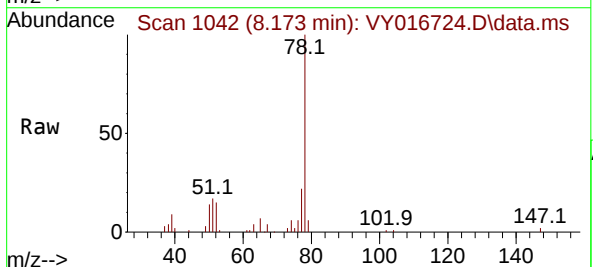
RT: 8.173 min Scan# 1042

Delta R.T. 0.000 min

Lab File: VY016724.D

Acq: 20 Dec 2023 14:39

Tgt Ion:	78	Resp:	35387
Ion	Ratio	Lower	Upper
78	100		
77	22.3	18.8	28.2





#41
Methacrylonitrile
Concen: 4.127 ug/l
RT: 7.319 min Scan# 901
Delta R.T. 0.000 min
Lab File: VY016724.D
Acq: 20 Dec 2023 14:39

Instrument :

MSVOA_Y

ClientSampleId :

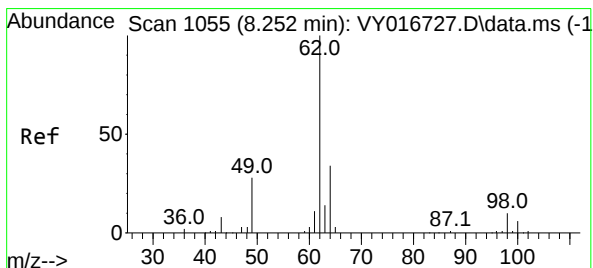
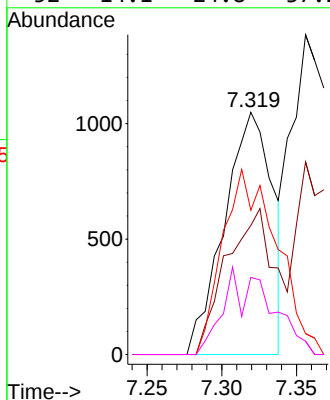
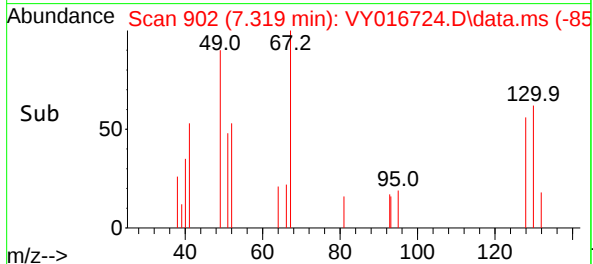
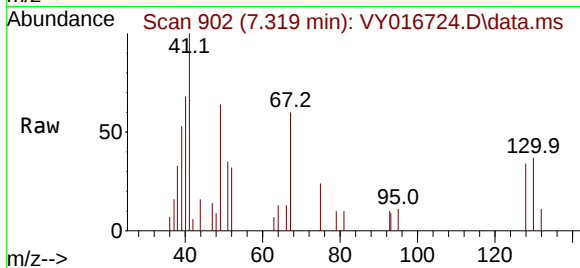
VSTDIC005

Tgt Ion: 41 Resp: 235
Ion Ratio Lower Upper
41 100
39 61.1 41.9 62.9
67 85.7 59.8 89.6
52 14.1 24.8 37.2#

Manual Integrations

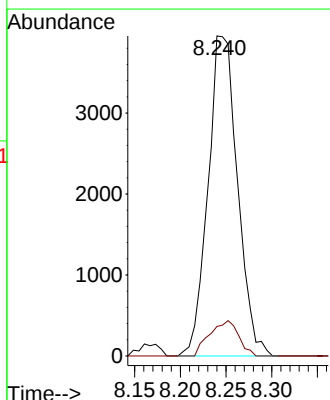
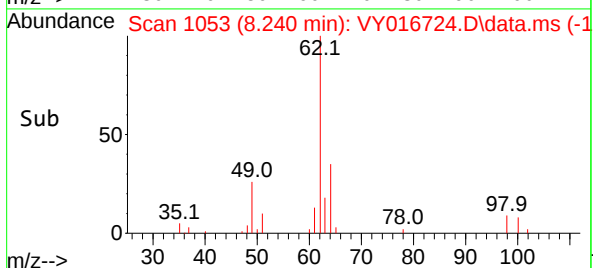
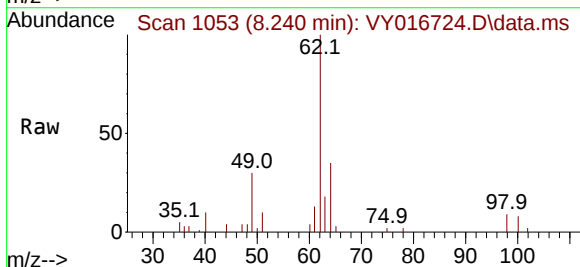
APPROVED

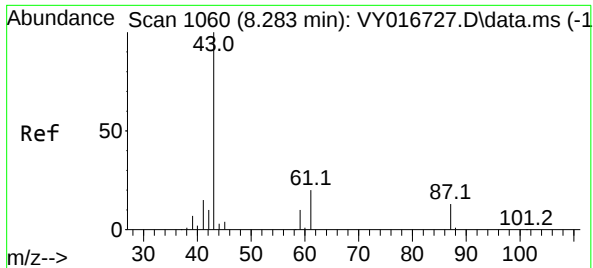
Reviewed By :Mahesh Dadoda 12/21/2023
Supervised By :Semsettin Yesilyurt 12/21/2023



#42
1,2-Dichloroethane
Concen: 4.666 ug/l
RT: 8.240 min Scan# 1053
Delta R.T. -0.012 min
Lab File: VY016724.D
Acq: 20 Dec 2023 14:39

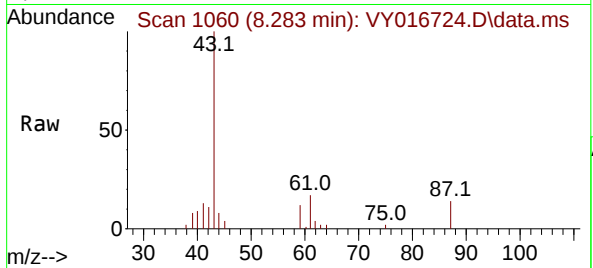
Tgt Ion: 62 Resp: 8889
Ion Ratio Lower Upper
62 100
98 10.7 0.0 20.2





#43
Isopropyl Acetate
Concen: 4.221 ug/l
RT: 8.283 min Scan# 1170
Delta R.T. 0.000 min
Lab File: VY016724.D
Acq: 20 Dec 2023 14:39

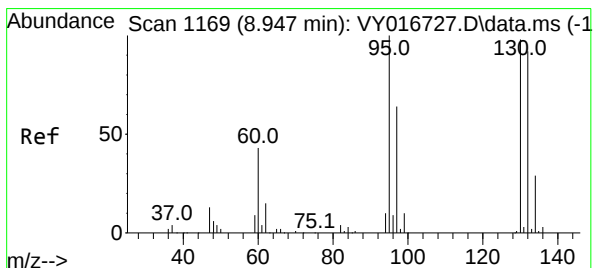
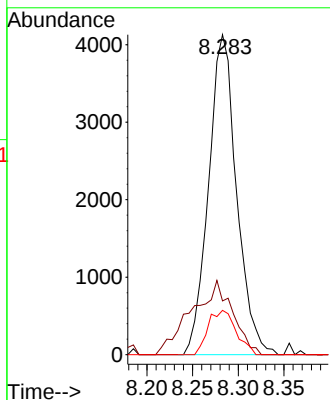
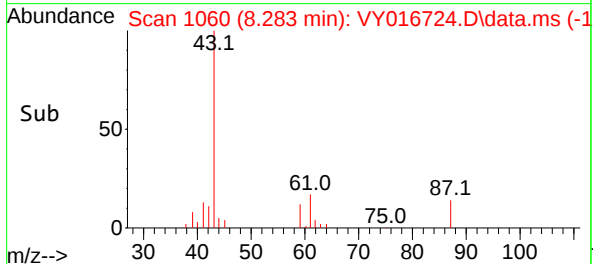
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005



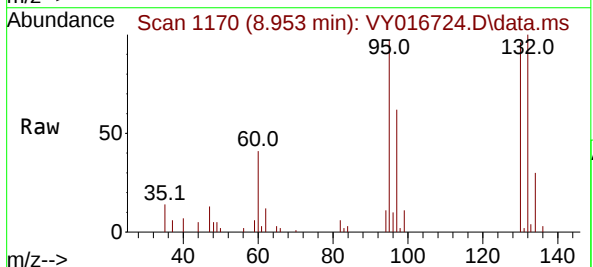
Tgt Ion: 43 Resp: 881
Ion Ratio Lower Upper
43 100
61 33.9 24.8 37.2
87 13.8 10.7 16.1

Manual Integrations
APPROVED

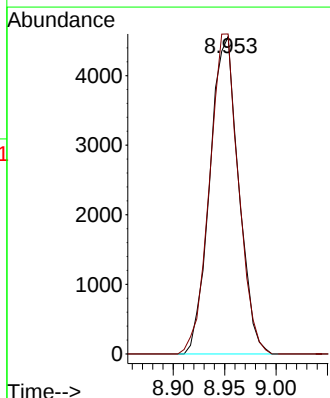
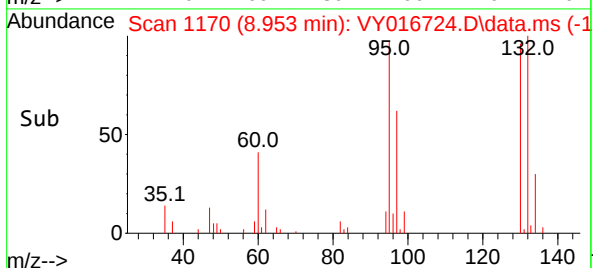
Reviewed By :Mahesh Dadoda 12/21/2023
Supervised By :Semsettin Yesilyurt 12/21/2023

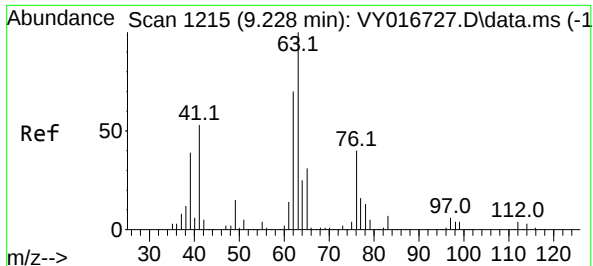


#44
Trichloroethene
Concen: 4.763 ug/l
RT: 8.953 min Scan# 1170
Delta R.T. 0.006 min
Lab File: VY016724.D
Acq: 20 Dec 2023 14:39



Tgt Ion:130 Resp: 8878
Ion Ratio Lower Upper
130 100
95 100.8 0.0 203.8





#45

1,2-Dichloropropane

Concen: 4.827 ug/l

RT: 9.222 min Scan# 1214

Delta R.T. -0.006 min

Lab File: VY016724.D

Acq: 20 Dec 2023 14:39

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC005

Tgt Ion: 63 Resp: 884

Ion Ratio Lower Upper

63 100

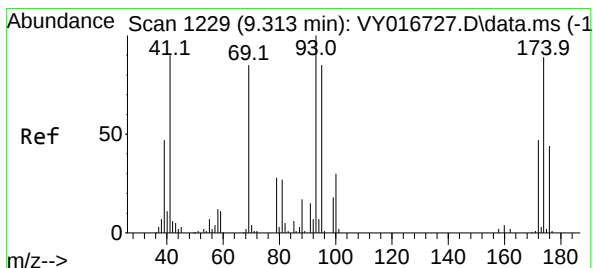
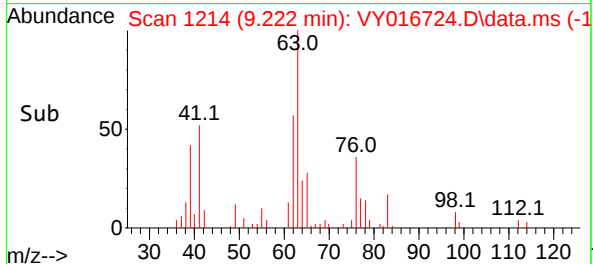
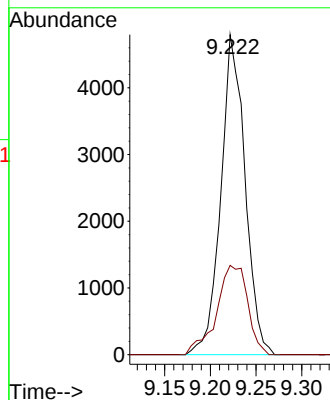
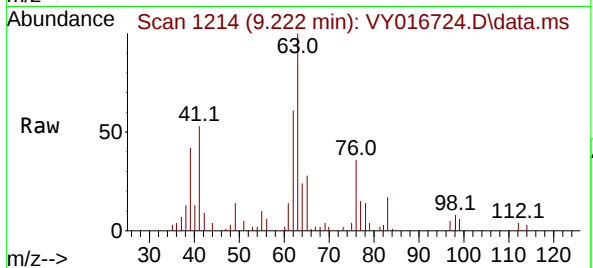
65 27.9 24.6 36.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/21/2023

Supervised By :Semsettin Yesilyurt 12/21/2023



#46

Dibromomethane

Concen: 4.704 ug/l

RT: 9.313 min Scan# 1229

Delta R.T. 0.000 min

Lab File: VY016724.D

Acq: 20 Dec 2023 14:39

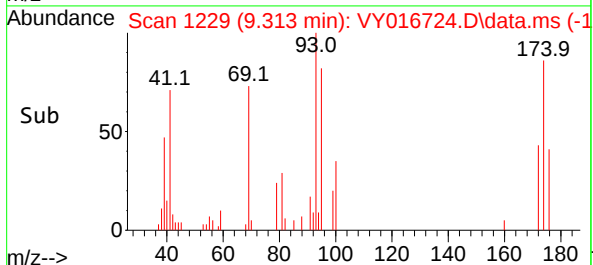
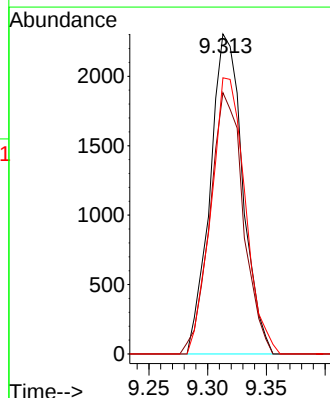
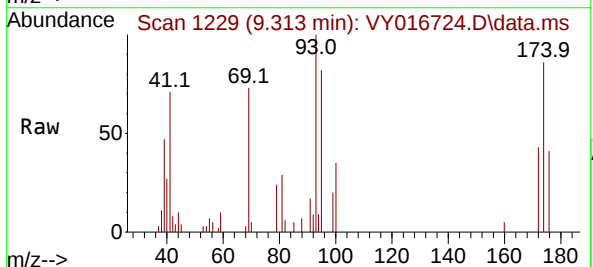
Tgt Ion: 93 Resp: 4451

Ion Ratio Lower Upper

93 100

95 83.2 66.6 99.8

174 90.0 73.8 110.6





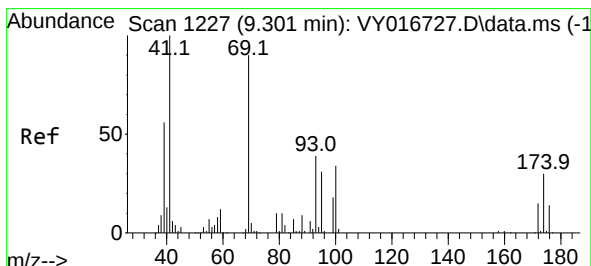
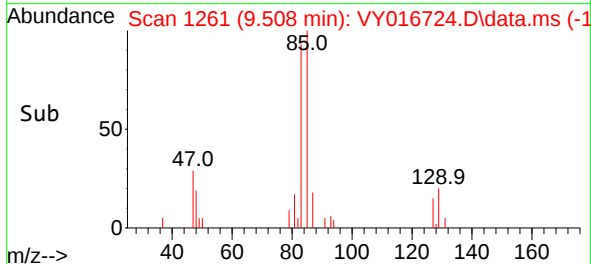
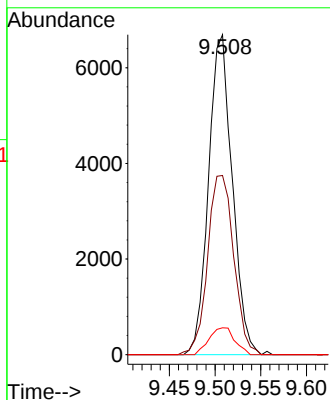
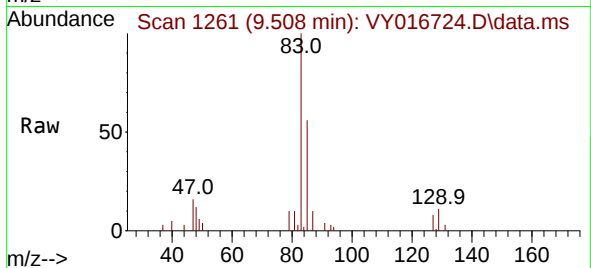
#47
Bromodichloromethane
Concen: 4.838 ug/l
RT: 9.508 min Scan# 1261
Delta R.T. 0.000 min
Lab File: VY016724.D
Acq: 20 Dec 2023 14:39

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tgt Ion: 83 Resp: 1206
Ion Ratio Lower Upper
83 100
85 56.0 53.2 79.8
127 8.4 6.4 9.6

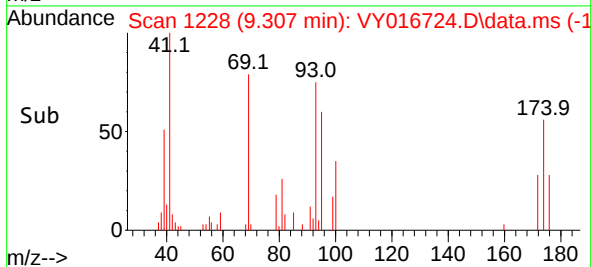
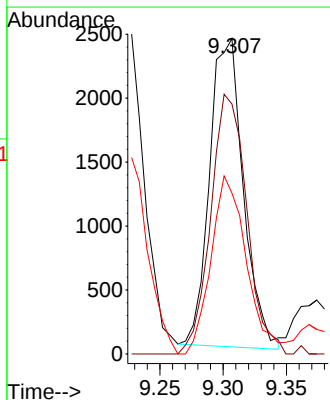
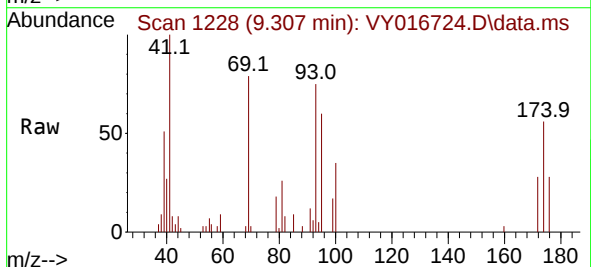
Manual Integrations
APPROVED

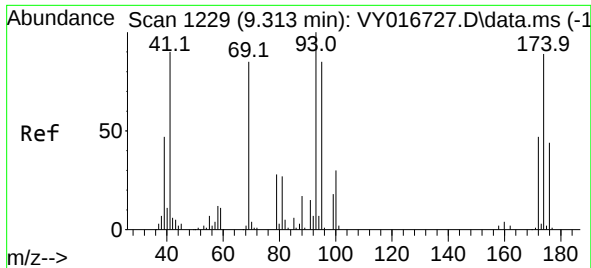
Reviewed By :Mahesh Dadoda 12/21/2023
Supervised By :Semsettin Yesilyurt 12/21/2023



#48
Methyl methacrylate
Concen: 3.801 ug/l
RT: 9.307 min Scan# 1228
Delta R.T. 0.006 min
Lab File: VY016724.D
Acq: 20 Dec 2023 14:39

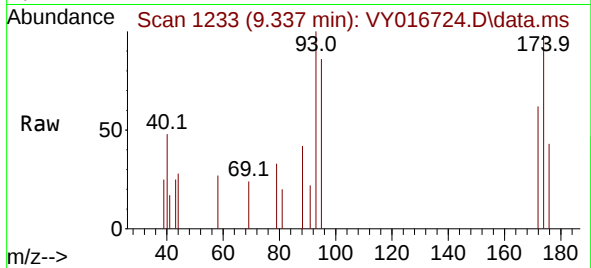
Tgt Ion: 41 Resp: 4454
Ion Ratio Lower Upper
41 100
69 90.2 72.1 108.1
39 60.3 42.8 64.2





#49
1,4-Dioxane
Concen: 82.639 ug/l
RT: 9.337 min Scan# 1233
Delta R.T. 0.024 min
Lab File: VY016724.D
Acq: 20 Dec 2023 14:39

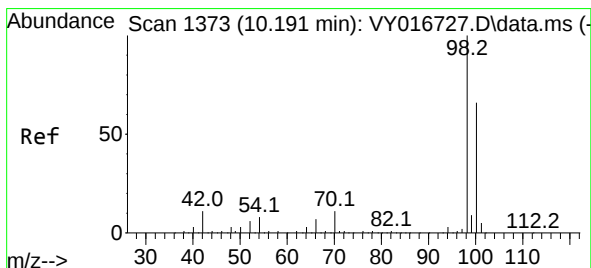
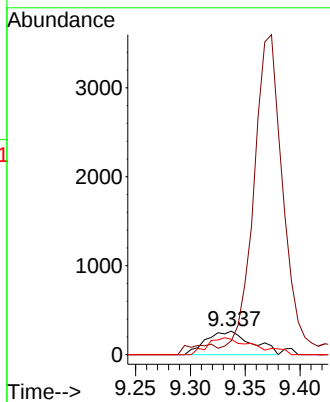
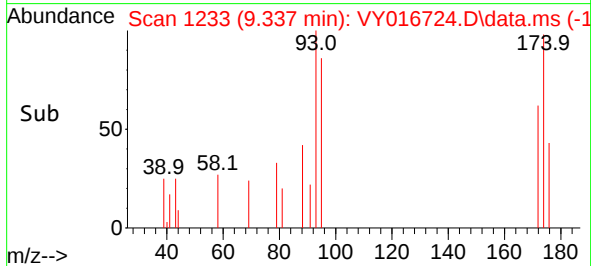
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005



Tgt Ion: 88 Resp: 759
Ion Ratio Lower Upper
88 100
43 27.9 28.2 42.4
58 73.4 52.2 78.2

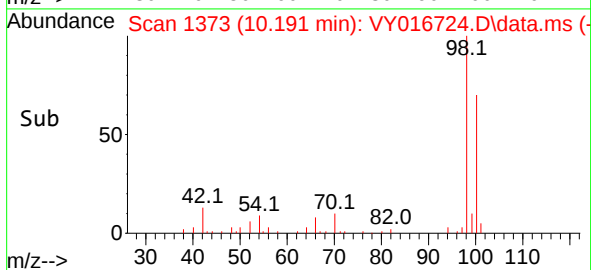
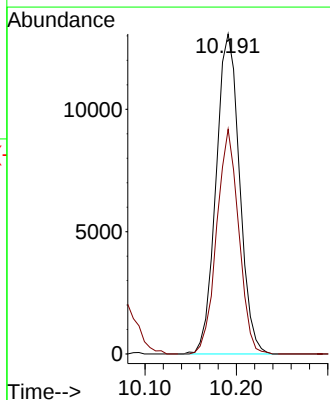
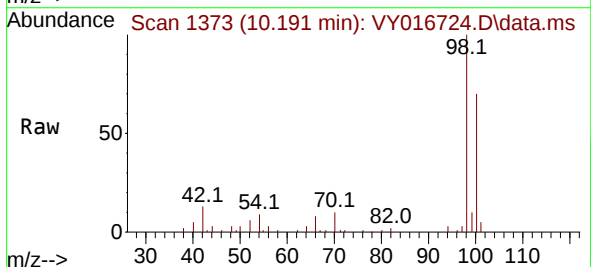
Manual Integrations
APPROVED

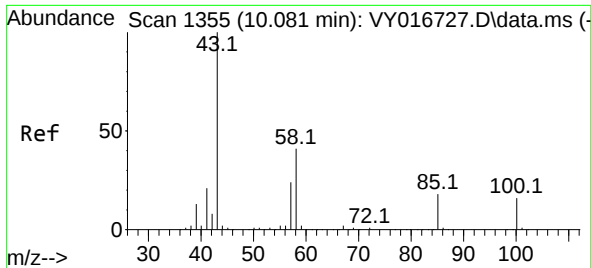
Reviewed By :Mahesh Dadoda 12/21/2023
Supervised By :Semsettin Yesilyurt 12/21/2023



#50
Toluene-d8
Concen: 4.142 ug/l
RT: 10.191 min Scan# 1373
Delta R.T. 0.000 min
Lab File: VY016724.D
Acq: 20 Dec 2023 14:39

Tgt Ion: 98 Resp: 23370
Ion Ratio Lower Upper
98 100
100 65.9 52.3 78.5





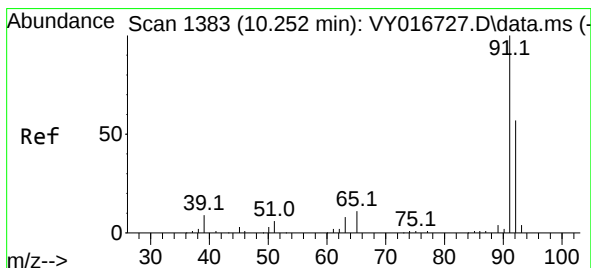
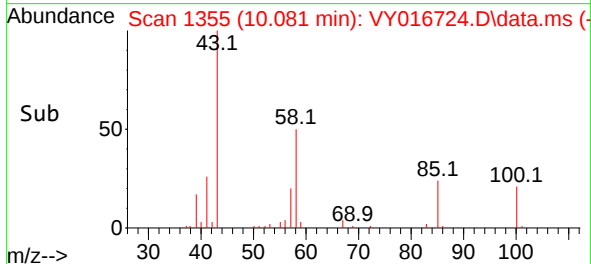
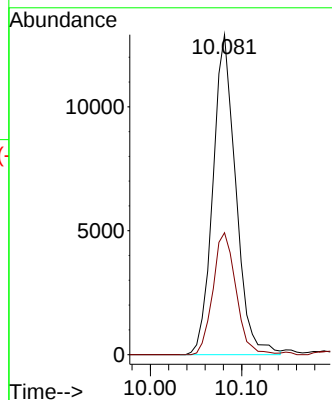
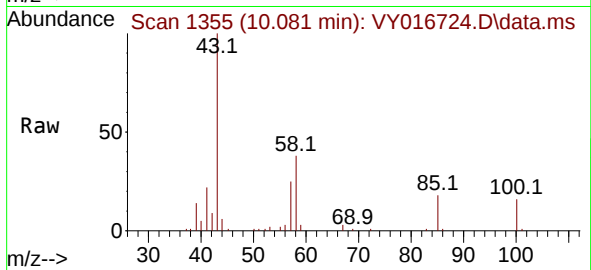
#51
4-Methyl-2-Pentanone
Concen: 20.185 ug/l
RT: 10.081 min Scan# 1355
Delta R.T. 0.000 min
Lab File: VY016724.D
Acq: 20 Dec 2023 14:39

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tgt Ion: 43 Resp: 22460
Ion Ratio Lower Upper
43 100
58 38.4 32.2 48.2

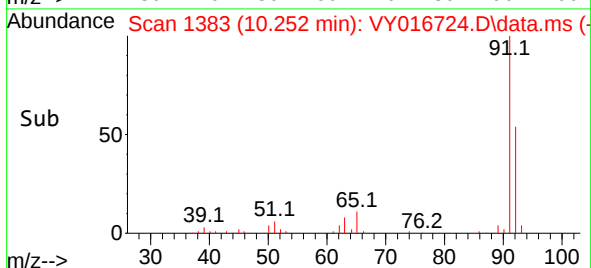
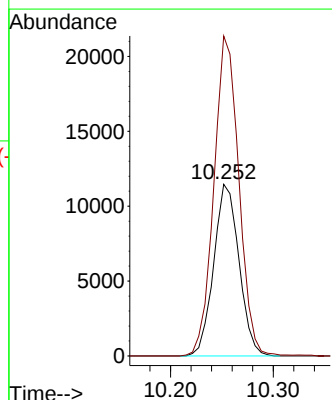
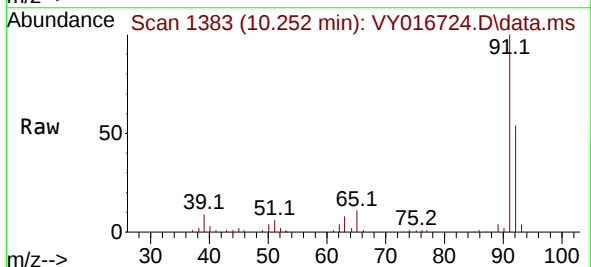
Manual Integrations
APPROVED

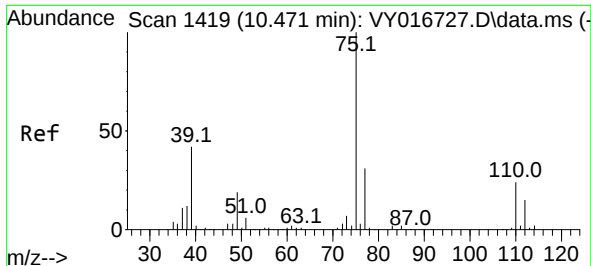
Reviewed By :Mahesh Dadoda 12/21/2023
Supervised By :Semsettin Yesilyurt 12/21/2023



#52
Toluene
Concen: 4.473 ug/l
RT: 10.252 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VY016724.D
Acq: 20 Dec 2023 14:39

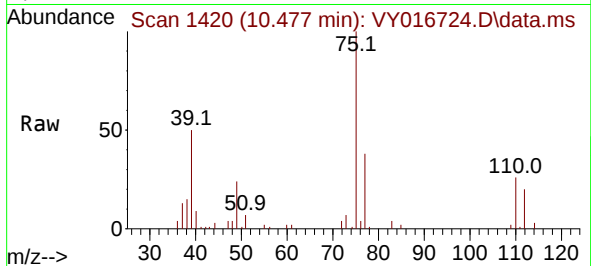
Tgt Ion: 92 Resp: 19576
Ion Ratio Lower Upper
92 100
91 184.6 137.6 206.4





#53
 t-1,3-Dichloropropene
 Concen: 4.161 ug/l
 RT: 10.477 min Scan# 1419
 Delta R.T. 0.006 min
 Lab File: VY016724.D
 Acq: 20 Dec 2023 14:39

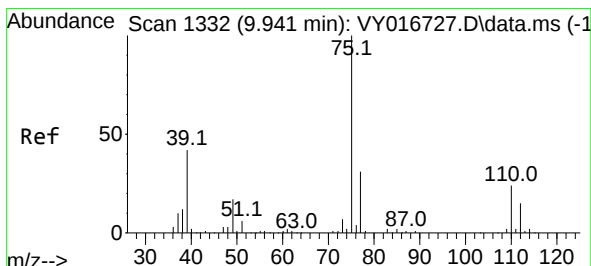
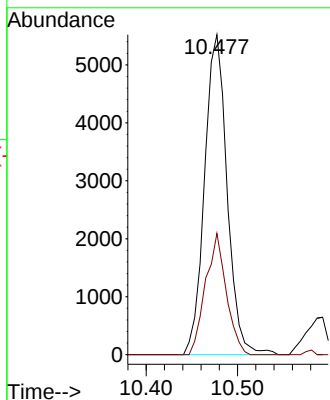
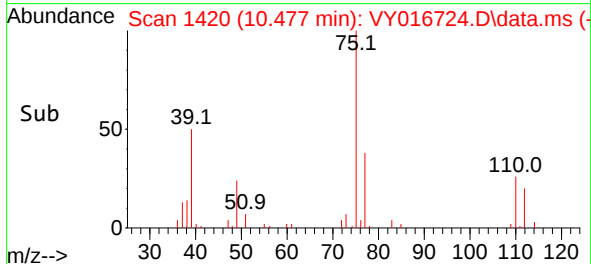
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005



Tgt Ion: 75 Resp: 9464
 Ion Ratio Lower Upper
 75 100
 77 37.9 24.6 36.8

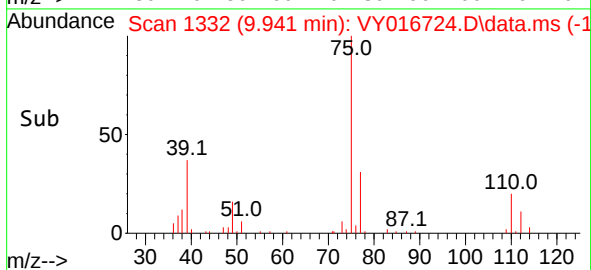
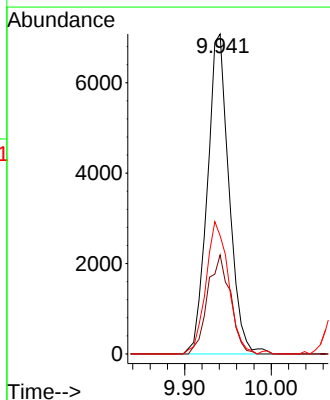
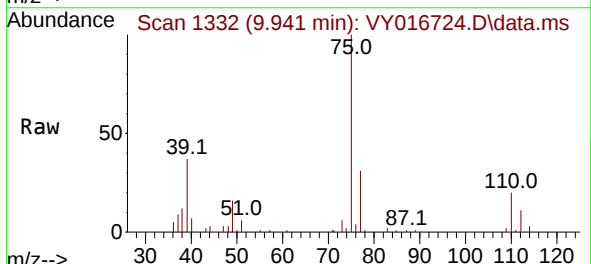
Manual Integrations
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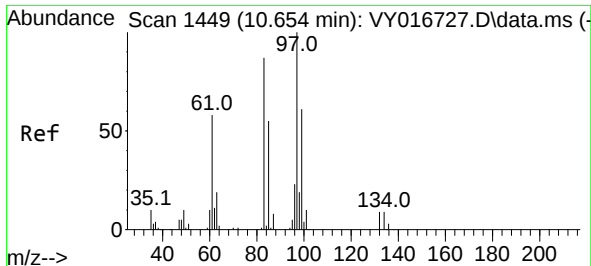
Reviewed By :Mahesh Dadoda 12/21/2023
 Supervised By :Semsettin Yesilyurt 12/21/2023



#54
 cis-1,3-Dichloropropene
 Concen: 4.483 ug/l
 RT: 9.941 min Scan# 1332
 Delta R.T. -0.000 min
 Lab File: VY016724.D
 Acq: 20 Dec 2023 14:39

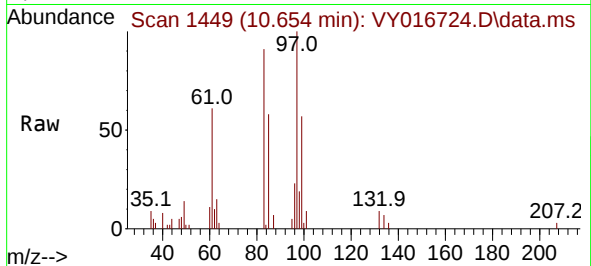
Tgt Ion: 75 Resp: 12299
 Ion Ratio Lower Upper
 75 100
 77 31.0 24.6 36.8
 39 36.9 33.6 50.4





#55
1,1,2-Trichloroethane
Concen: 4.719 ug/l
RT: 10.654 min Scan# 1449
Delta R.T. 0.000 min
Lab File: VY016724.D
Acq: 20 Dec 2023 14:39

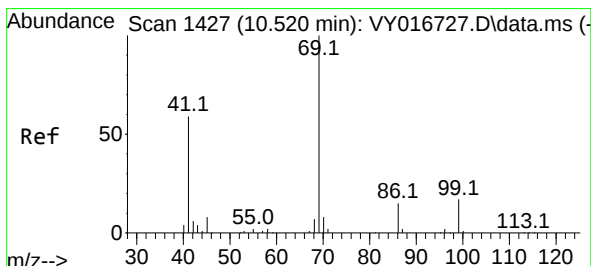
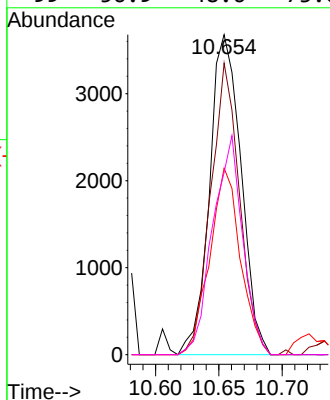
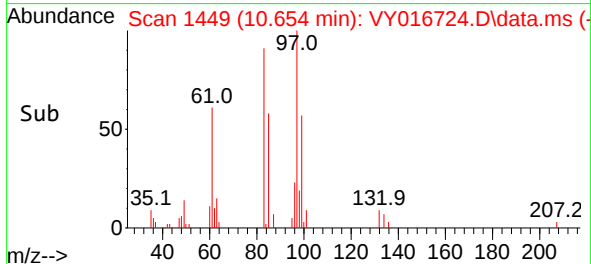
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005



Tgt Ion	Ratio	Lower	Upper
97	100		
83	91.1	69.4	104.2
85	58.3	43.9	65.9
99	56.9	48.6	73.0

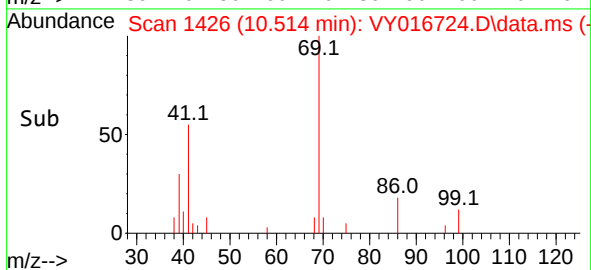
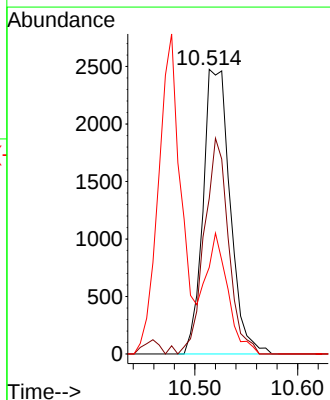
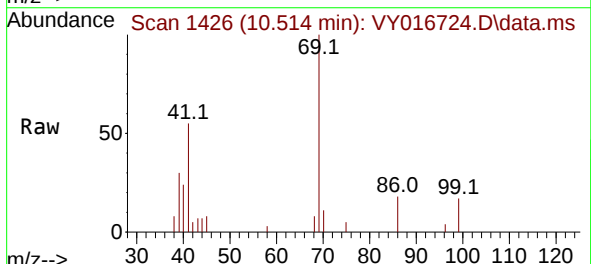
Manual Integrations
APPROVED

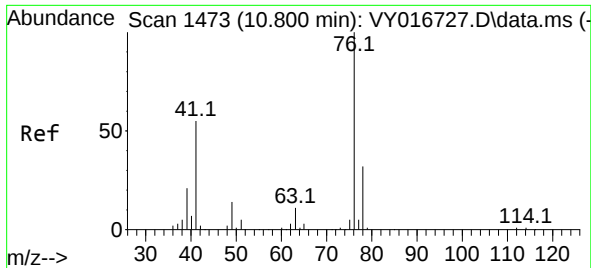
Reviewed By :Mahesh Dadoda 12/21/2023
Supervised By :Semsettin Yesilyurt 12/21/2023



#56
Ethyl methacrylate
Concen: 3.816 ug/l
RT: 10.514 min Scan# 1426
Delta R.T. -0.006 min
Lab File: VY016724.D
Acq: 20 Dec 2023 14:39

Tgt Ion	Ratio	Lower	Upper
69	100		
41	67.7	49.2	73.8
39	34.9	26.8	40.2





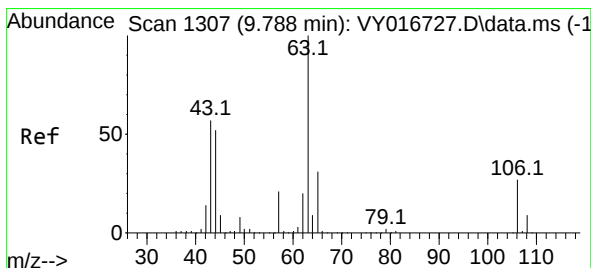
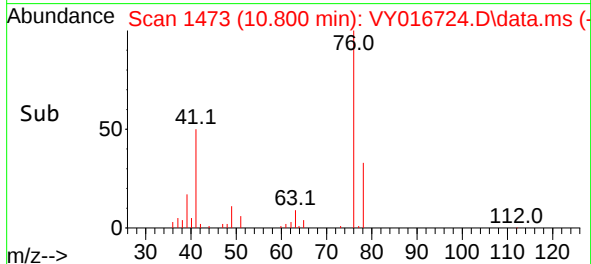
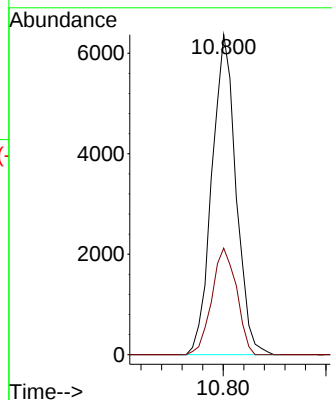
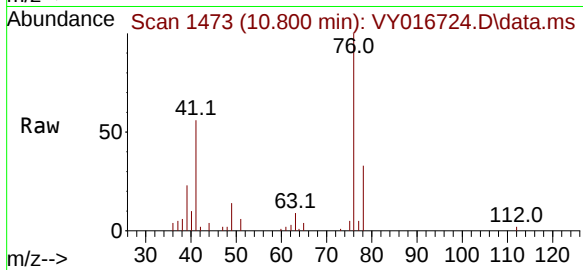
#57
1,3-Dichloropropane
Concen: 4.532 ug/l
RT: 10.800 min Scan# 1473
Delta R.T. 0.000 min
Lab File: VY016724.D
Acq: 20 Dec 2023 14:39

Instrument : MSVOA_Y
ClientSampleId : VSTDIC005

Tgt Ion: 76 Resp: 10392
Ion Ratio Lower Upper
76 100
78 34.1 26.1 39.1

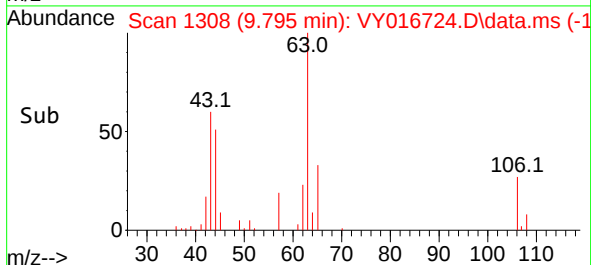
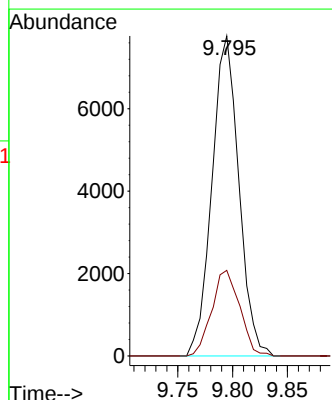
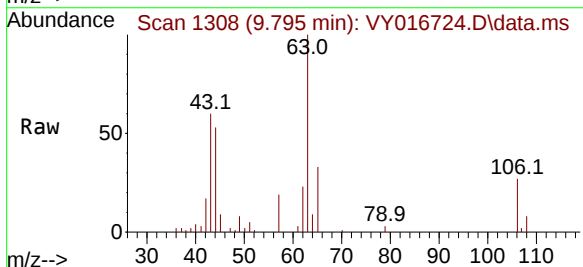
Manual Integrations
APPROVED

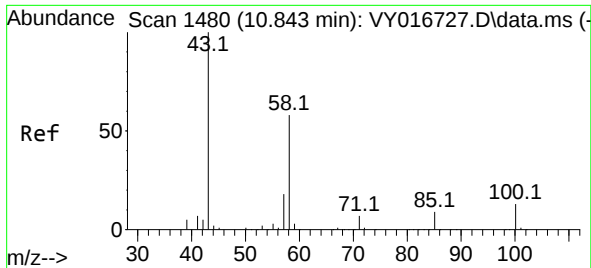
Reviewed By :Mahesh Dadoda 12/21/2023
Supervised By :Semsettin Yesilyurt 12/21/2023



#58
2-Chloroethyl Vinyl ether
Concen: 40.406 ug/l
RT: 9.795 min Scan# 1308
Delta R.T. 0.007 min
Lab File: VY016724.D
Acq: 20 Dec 2023 14:39

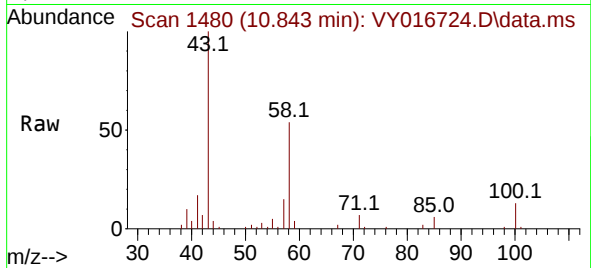
Tgt Ion: 63 Resp: 13239
Ion Ratio Lower Upper
63 100
106 27.8 22.4 33.6





#59
2-Hexanone
Concen: 20.783 ug/l
RT: 10.843 min Scan# 1480
Delta R.T. 0.000 min
Lab File: VY016724.D
Acq: 20 Dec 2023 14:39

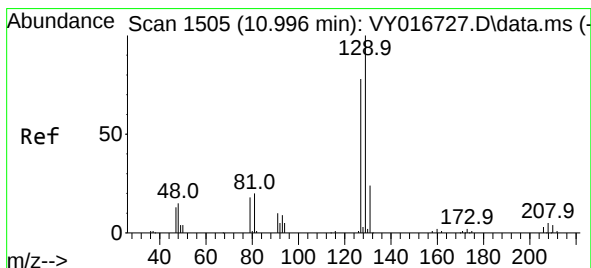
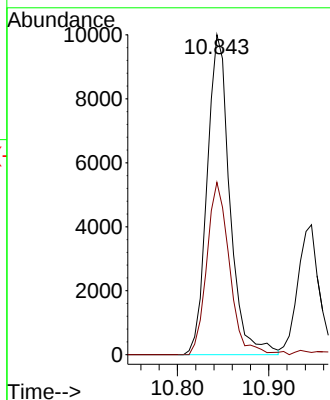
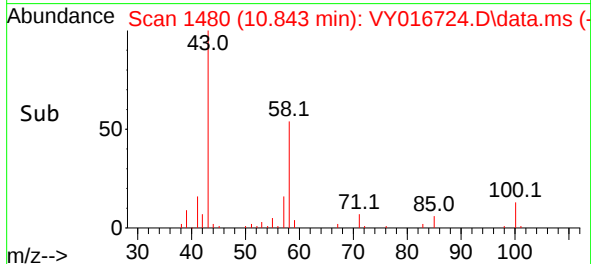
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005



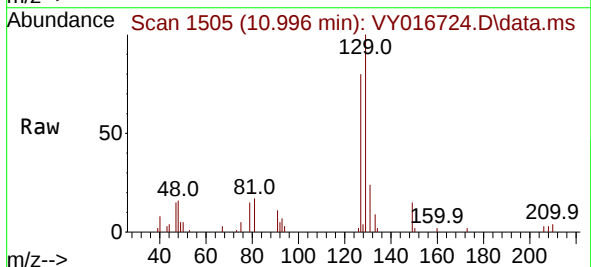
Tgt Ion: 43 Resp: 17249
Ion Ratio Lower Upper
43 100
58 53.6 28.1 84.3

Manual Integrations
APPROVED

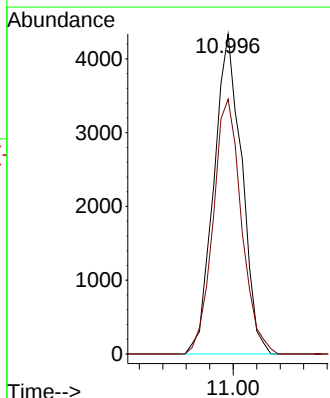
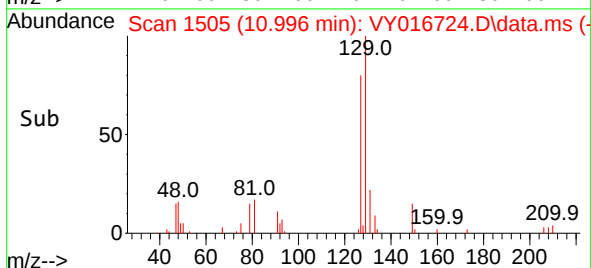
Reviewed By :Mahesh Dadoda 12/21/2023
Supervised By :Semsettin Yesilyurt 12/21/2023

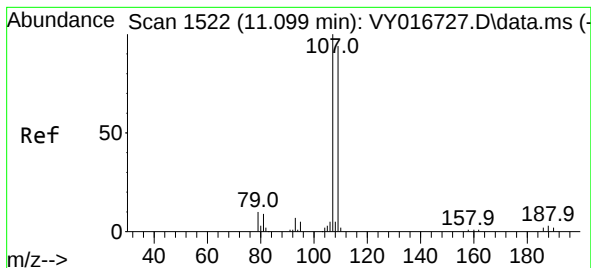


#60
Dibromochloromethane
Concen: 4.579 ug/l
RT: 10.996 min Scan# 1505
Delta R.T. 0.000 min
Lab File: VY016724.D
Acq: 20 Dec 2023 14:39



Tgt Ion:129 Resp: 7151
Ion Ratio Lower Upper
129 100
127 81.0 39.2 117.6





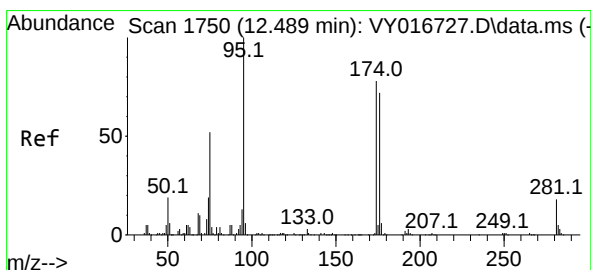
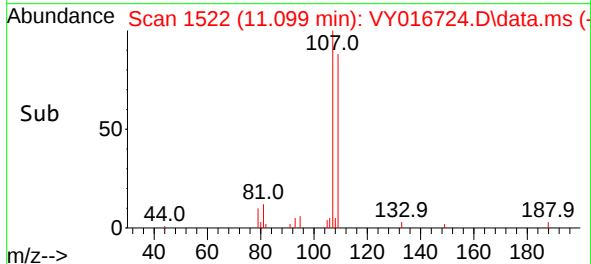
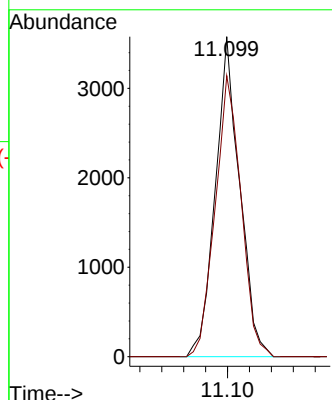
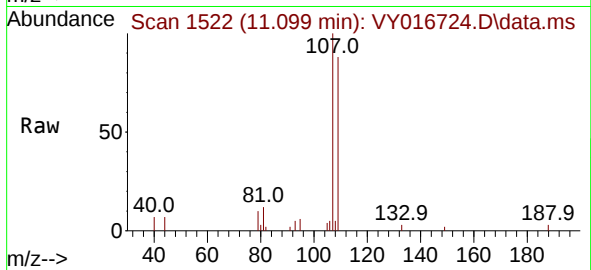
#61
1,2-Dibromoethane
Concen: 4.566 ug/l
RT: 11.099 min Scan# 1522
Delta R.T. 0.000 min
Lab File: VY016724.D
Acq: 20 Dec 2023 14:39

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tgt Ion:107 Resp: 5529
Ion Ratio Lower Upper
107 100
109 93.1 75.4 113.2

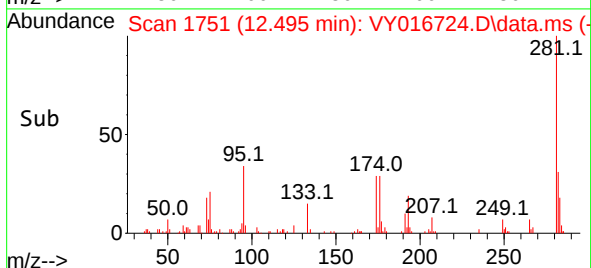
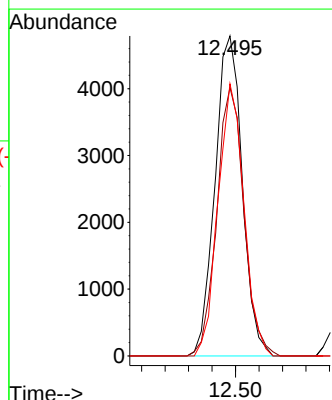
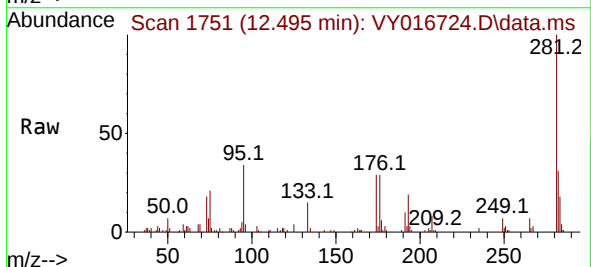
Manual Integrations
APPROVED

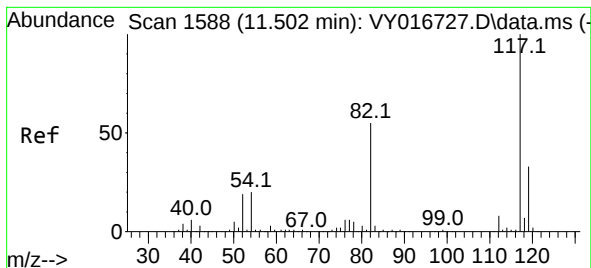
Reviewed By :Mahesh Dadoda 12/21/2023
Supervised By :Semsettin Yesilyurt 12/21/2023



#62
4-Bromofluorobenzene
Concen: 4.216 ug/l
RT: 12.495 min Scan# 1751
Delta R.T. 0.006 min
Lab File: VY016724.D
Acq: 20 Dec 2023 14:39

Tgt Ion: 95 Resp: 7718
Ion Ratio Lower Upper
95 100
174 83.1 0.0 160.0
176 80.9 0.0 151.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.502 min Scan# 1158

Delta R.T. 0.000 min

Lab File: VY016724.D

Acq: 20 Dec 2023 14:39

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC005

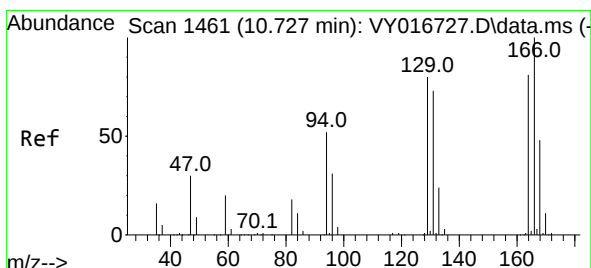
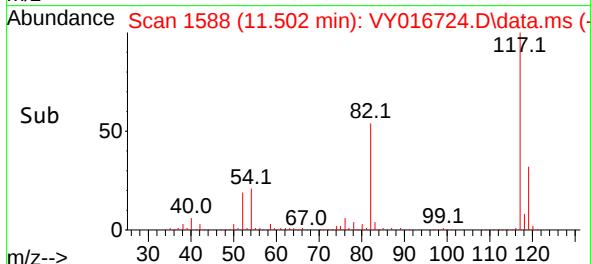
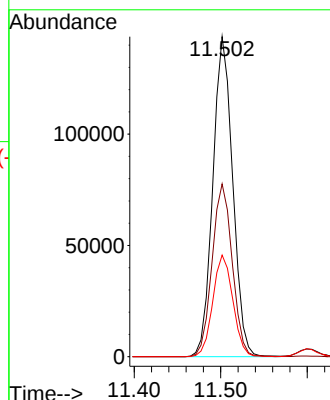
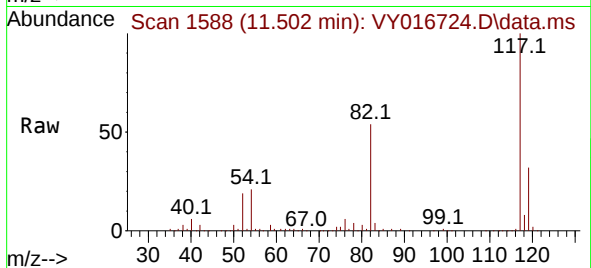
Tgt Ion:117 Resp: 22911

Ion	Ratio	Lower	Upper
117	100		
82	54.0	43.8	65.8
119	31.7	26.5	39.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/21/2023
Supervised By :Semsettin Yesilyurt 12/21/2023



#64

Tetrachloroethene

Concen: 4.802 ug/l

RT: 10.727 min Scan# 1461

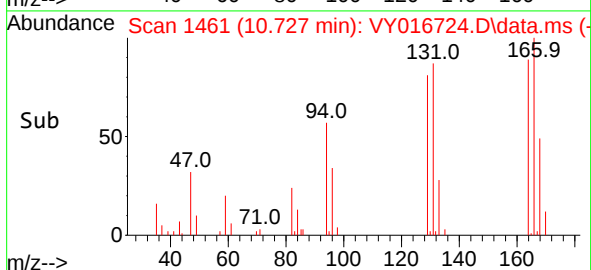
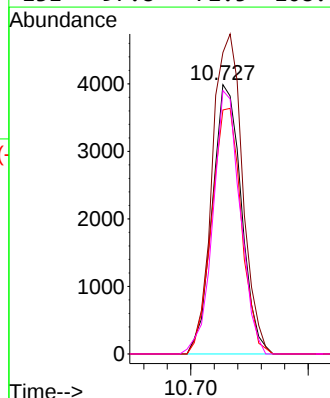
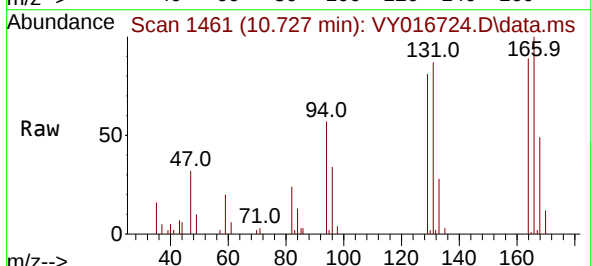
Delta R.T. 0.000 min

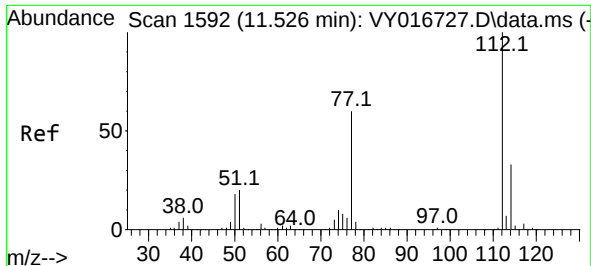
Lab File: VY016724.D

Acq: 20 Dec 2023 14:39

Tgt Ion:164 Resp: 6835

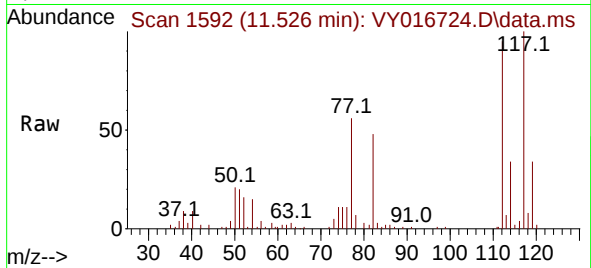
Ion	Ratio	Lower	Upper
164	100		
166	112.0	98.8	148.2
129	90.6	78.9	118.3
131	97.8	72.5	108.7





#65
Chlorobenzene
Concen: 4.790 ug/l
RT: 11.526 min Scan# 11592
Delta R.T. 0.000 min
Lab File: VY016724.D
Acq: 20 Dec 2023 14:39

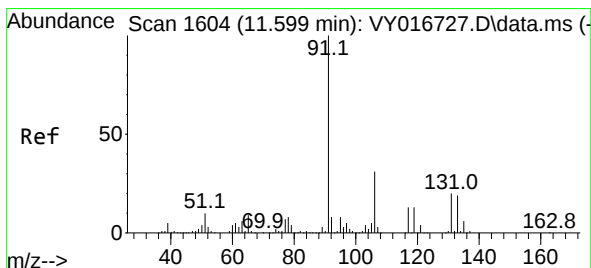
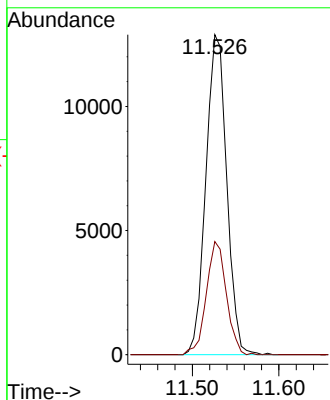
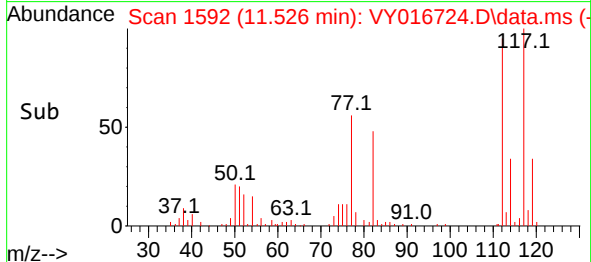
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005



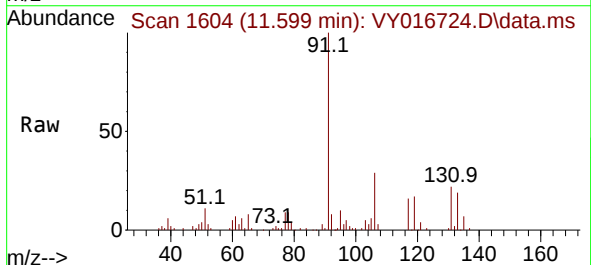
Tgt Ion:112 Resp: 21564
Ion Ratio Lower Upper
112 100
114 35.4 26.1 39.1

Manual Integrations
APPROVED

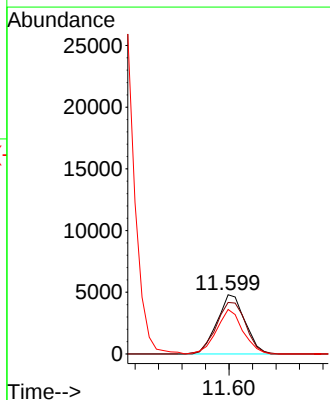
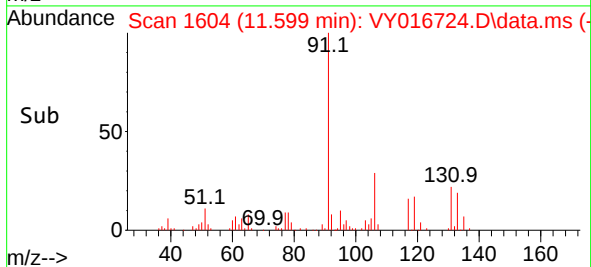
Reviewed By :Mahesh Dadoda 12/21/2023
Supervised By :Semsettin Yesilyurt 12/21/2023

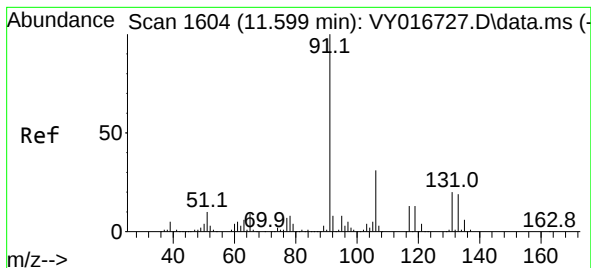


#66
1,1,1,2-Tetrachloroethane
Concen: 4.686 ug/l
RT: 11.599 min Scan# 1604
Delta R.T. 0.000 min
Lab File: VY016724.D
Acq: 20 Dec 2023 14:39



Tgt Ion:131 Resp: 7936
Ion Ratio Lower Upper
131 100
133 91.8 47.0 141.0
119 70.9 33.3 99.9





#67

Ethyl Benzene

Concen: 4.578 ug/l

RT: 11.605 min Scan# 1605

Delta R.T. 0.006 min

Lab File: VY016724.D

Acq: 20 Dec 2023 14:39

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

Tgt Ion: 91 Resp: 3793

Ion Ratio Lower Upper

91 100

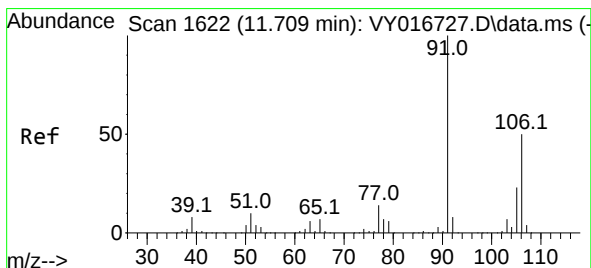
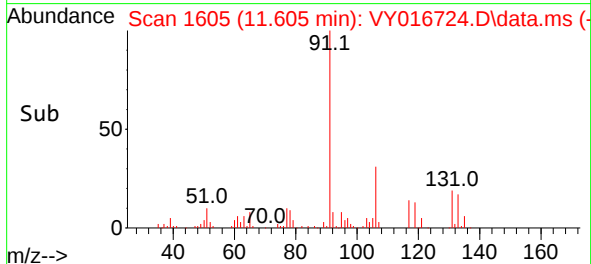
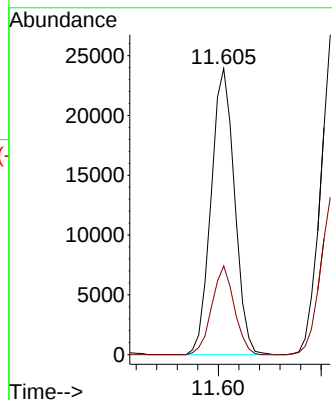
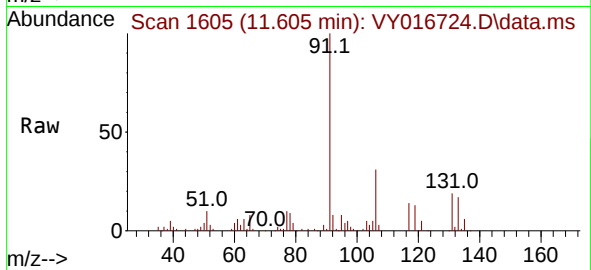
106 31.0 25.0 37.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/21/2023

Supervised By :Semsettin Yesilyurt 12/21/2023



#68

m/p-Xylenes

Concen: 8.756 ug/l

RT: 11.715 min Scan# 1623

Delta R.T. 0.006 min

Lab File: VY016724.D

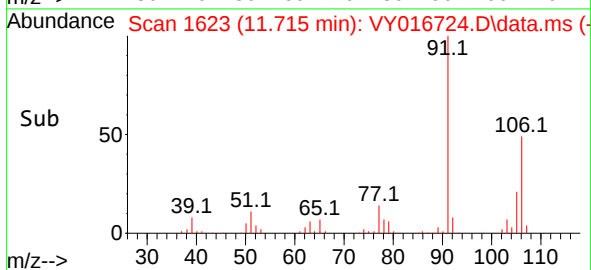
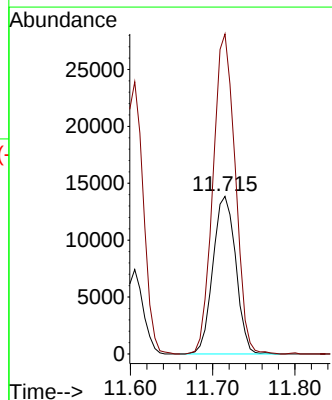
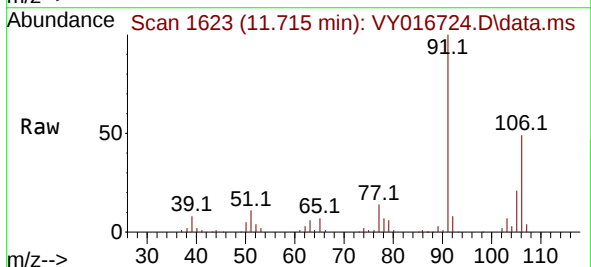
Acq: 20 Dec 2023 14:39

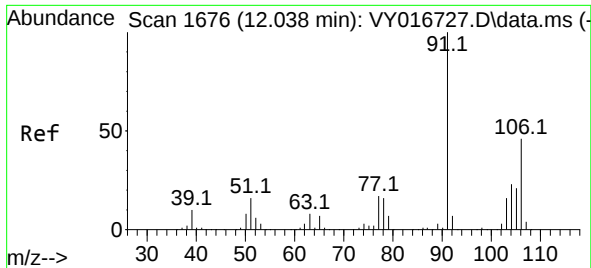
Tgt Ion:106 Resp: 26789

Ion Ratio Lower Upper

106 100

91 197.7 160.7 241.1





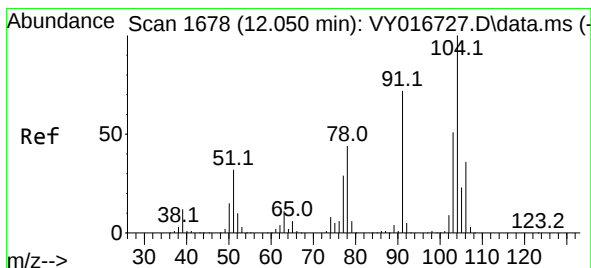
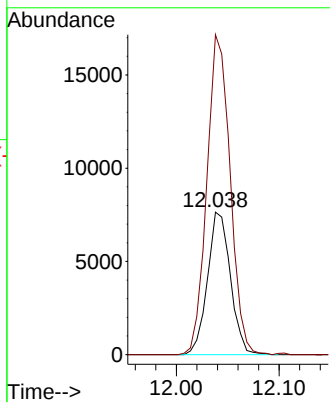
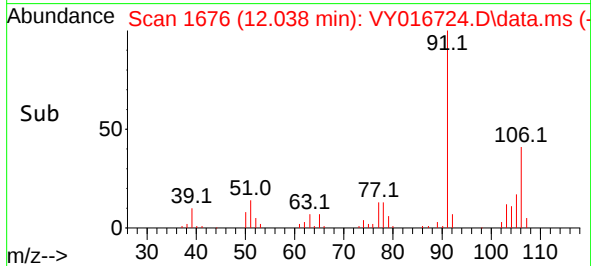
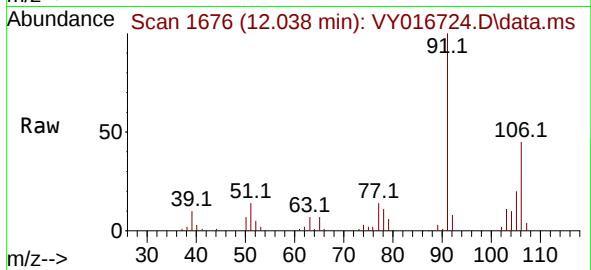
#69
o-Xylene
Concen: 4.214 ug/l
RT: 12.038 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VY016724.D
Acq: 20 Dec 2023 14:39

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tgt Ion:106 Resp: 11828
Ion Ratio Lower Upper
106 100
91 228.4 106.5 319.5

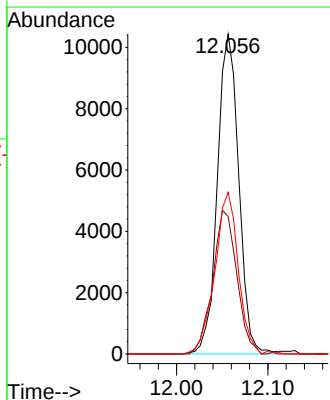
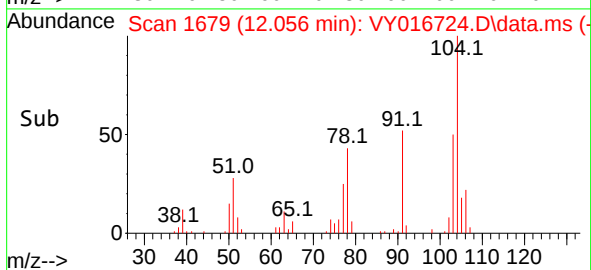
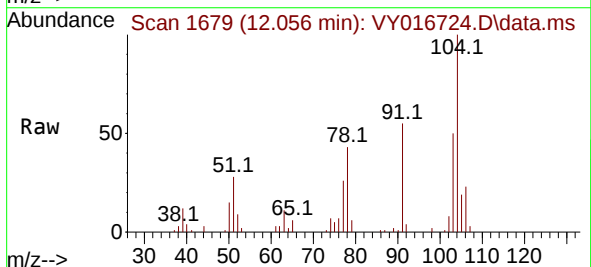
Manual Integrations
APPROVED

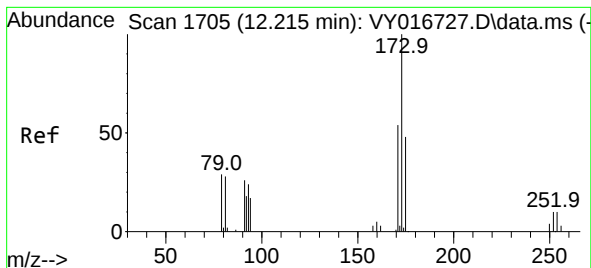
Reviewed By :Mahesh Dadoda 12/21/2023
Supervised By :Semsettin Yesilyurt 12/21/2023



#70
Styrene
Concen: 4.091 ug/l
RT: 12.056 min Scan# 1679
Delta R.T. 0.006 min
Lab File: VY016724.D
Acq: 20 Dec 2023 14:39

Tgt Ion:104 Resp: 16993
Ion Ratio Lower Upper
104 100
78 50.4 39.2 58.8
103 55.7 43.8 65.6





#71

Bromoform

Concen: 4.454 ug/l

RT: 12.221 min Scan# 1705

Delta R.T. 0.006 min

Lab File: VY016724.D

Acq: 20 Dec 2023 14:39

Instrument :

MSVOA_Y

ClientSampleId :

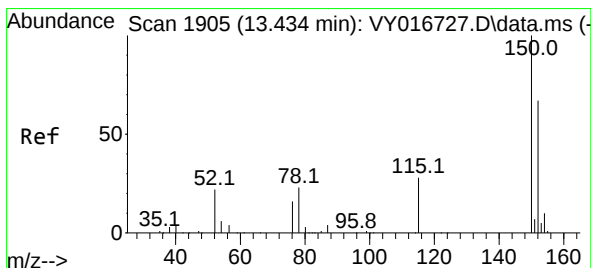
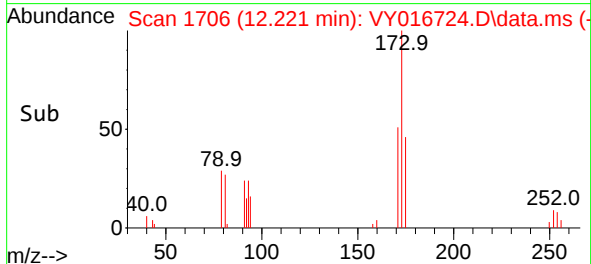
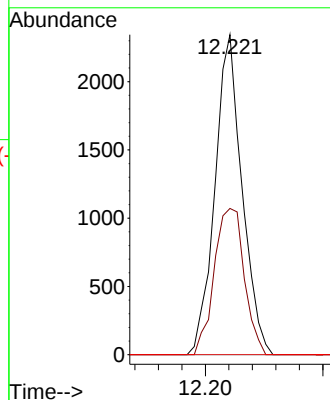
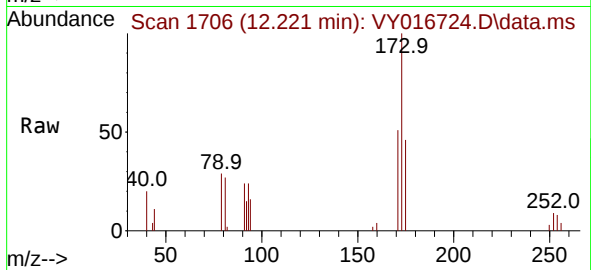
VSTDICC005

Tgt Ion:173	Resp:	376
Ion Ratio	Lower	Upper
173	100	
175	50.6	23.5 70.6
254	0.0	0.0 0.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/21/2023
Supervised By :Semsettin Yesilyurt 12/21/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

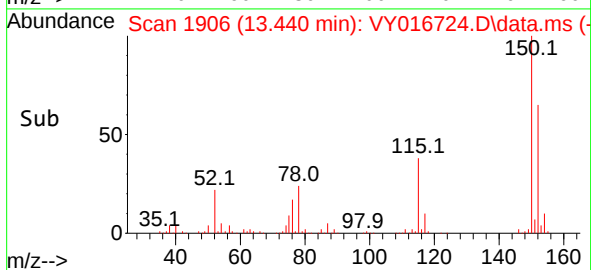
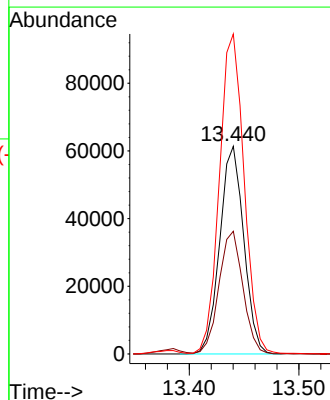
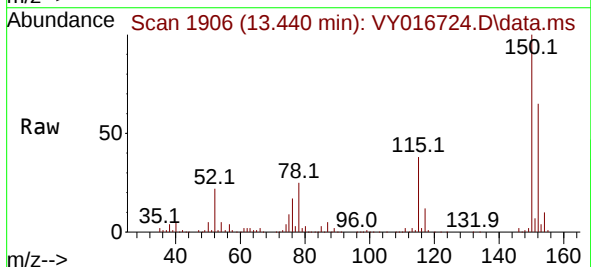
RT: 13.440 min Scan# 1906

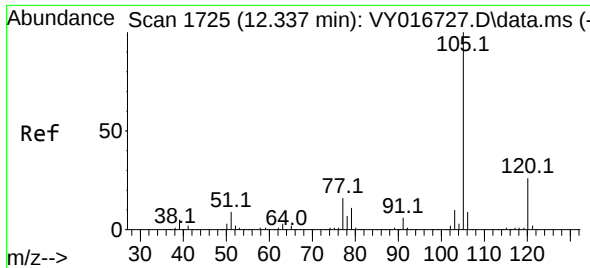
Delta R.T. 0.006 min

Lab File: VY016724.D

Acq: 20 Dec 2023 14:39

Tgt Ion:152	Resp:	93350
Ion Ratio	Lower	Upper
152	100	
115	59.1	30.0 90.0
150	158.9	0.0 344.6





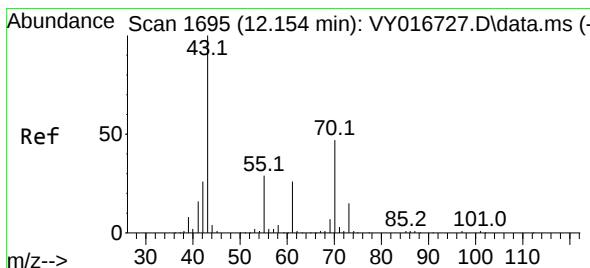
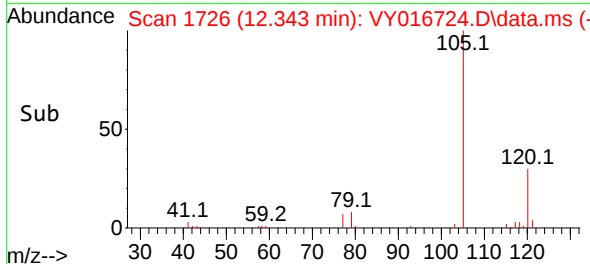
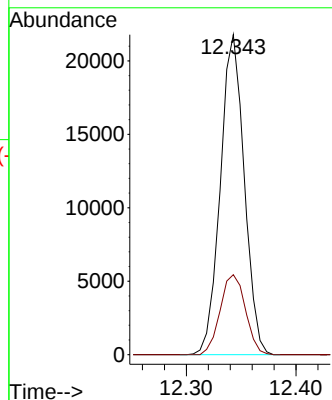
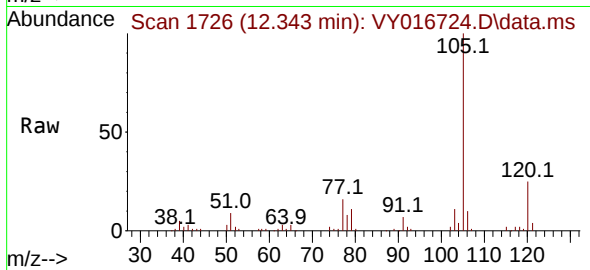
#73
Isopropylbenzene
Concen: 4.544 ug/l
RT: 12.343 min Scan# 1726
Delta R.T. 0.006 min
Lab File: VY016724.D
Acq: 20 Dec 2023 14:39

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tgt Ion:105 Resp: 33039
Ion Ratio Lower Upper
105 100
120 26.3 13.0 39.0

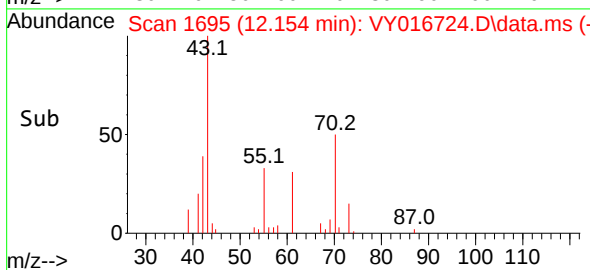
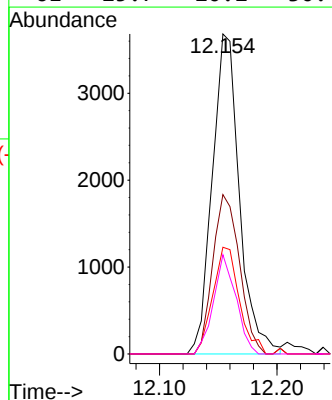
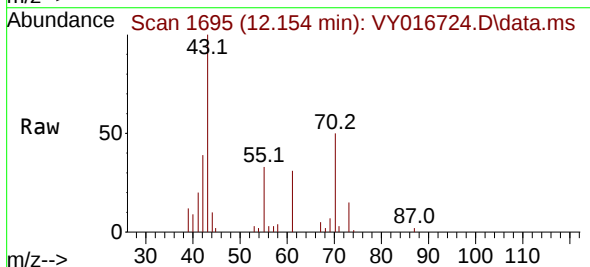
Manual Integrations
APPROVED

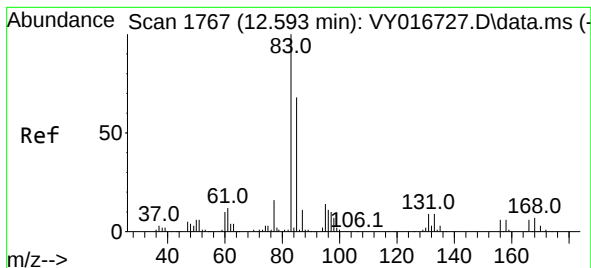
Reviewed By :Mahesh Dadoda 12/21/2023
Supervised By :Semsettin Yesilyurt 12/21/2023



#74
N-ethyl acetate
Concen: 3.870 ug/l
RT: 12.154 min Scan# 1695
Delta R.T. 0.000 min
Lab File: VY016724.D
Acq: 20 Dec 2023 14:39

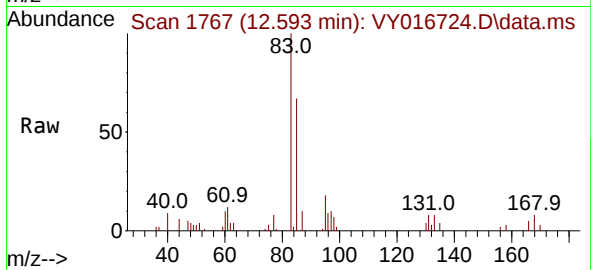
Tgt Ion: 43 Resp: 5922
Ion Ratio Lower Upper
43 100
70 48.9 36.6 55.0
55 32.5 22.2 33.4
61 25.7 20.2 30.4





#75
1,1,2,2-Tetrachloroethane
Concen: 4.867 ug/l
RT: 12.593 min Scan# 1767
Delta R.T. 0.000 min
Lab File: VY016724.D
Acq: 20 Dec 2023 14:39

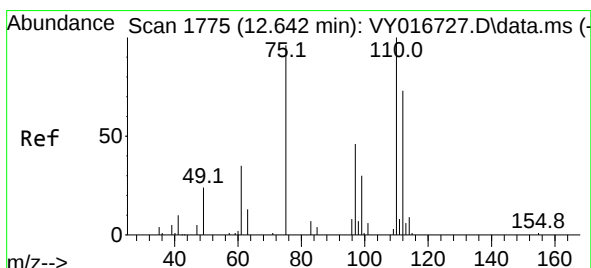
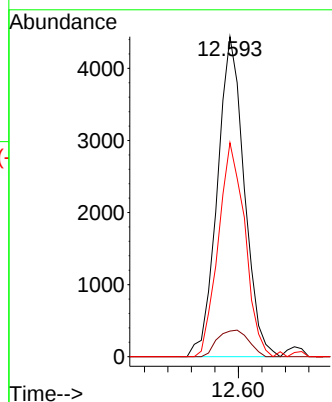
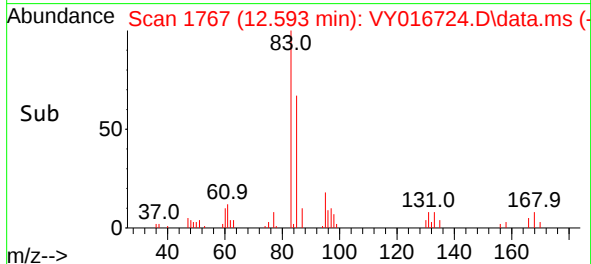
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005



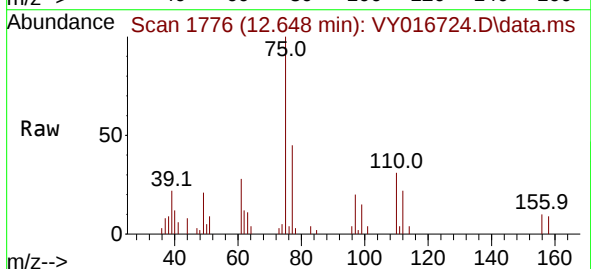
Tgt Ion: 83 Resp: 707
Ion Ratio Lower Upper
83 100
131 9.6 4.9 14.6
85 66.0 32.6 98.0

Manual Integrations
APPROVED

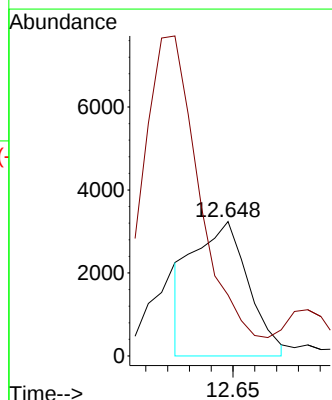
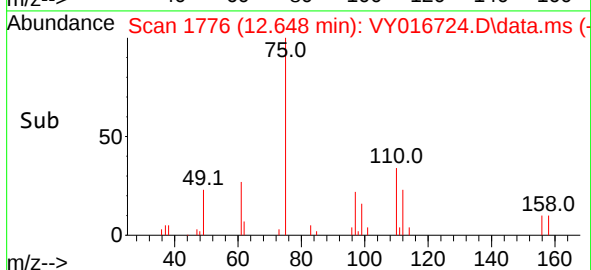
Reviewed By :Mahesh Dadoda 12/21/2023
Supervised By :Semsettin Yesilyurt 12/21/2023

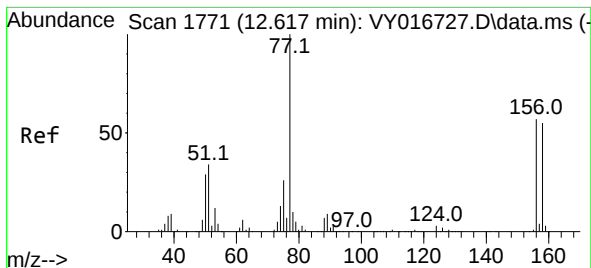


#76
1,2,3-Trichloropropane
Concen: 5.532 ug/l m
RT: 12.648 min Scan# 1776
Delta R.T. 0.006 min
Lab File: VY016724.D
Acq: 20 Dec 2023 14:39



Tgt Ion: 75 Resp: 5718
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 4.826 ug/l

RT: 12.623 min Scan# 1772

Delta R.T. 0.006 min

Lab File: VY016724.D

Acq: 20 Dec 2023 14:39

Instrument :

MSVOA_Y

ClientSampleId :

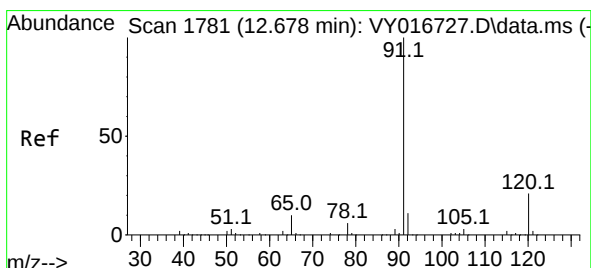
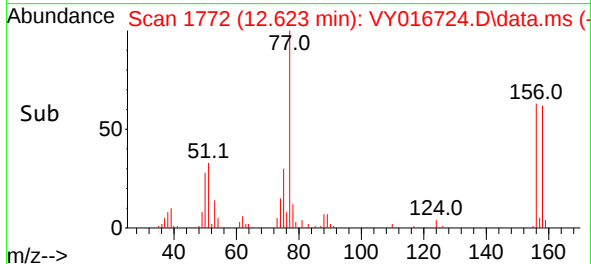
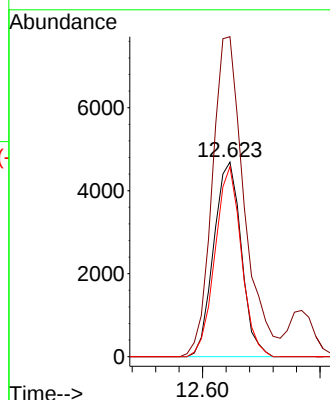
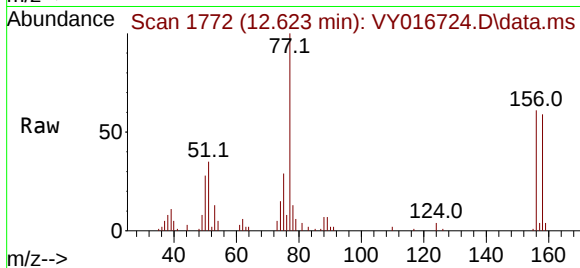
VSTDIC005

Tgt Ion:	156	Resp:	7654
Ion Ratio	Lower	Upper	
156	100		
77	190.3	97.3	291.8
158	93.2	48.4	145.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/21/2023
Supervised By :Semsettin Yesilyurt 12/21/2023



#78

n-propylbenzene

Concen: 4.613 ug/l

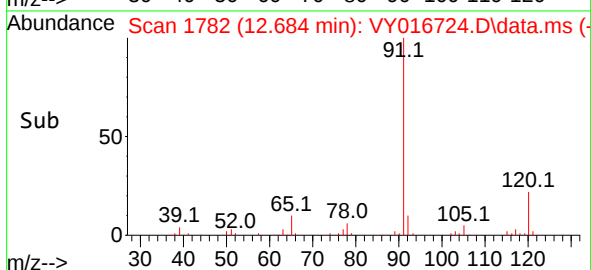
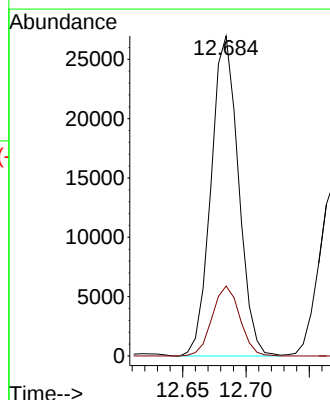
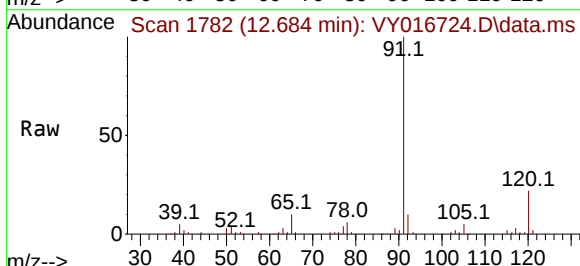
RT: 12.684 min Scan# 1782

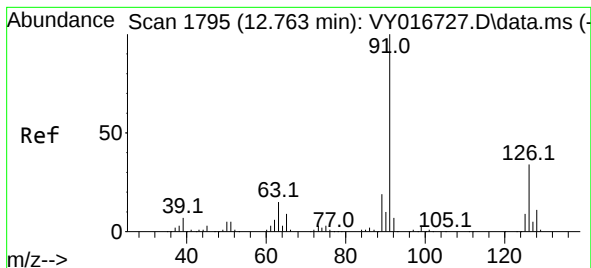
Delta R.T. 0.006 min

Lab File: VY016724.D

Acq: 20 Dec 2023 14:39

Tgt Ion:	91	Resp:	40634
Ion Ratio	Lower	Upper	
91	100		
120	22.0	11.0	33.0





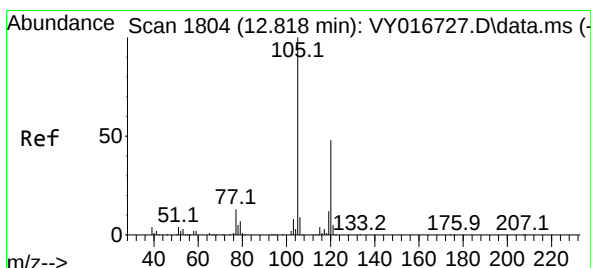
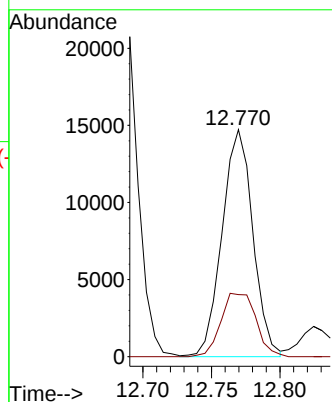
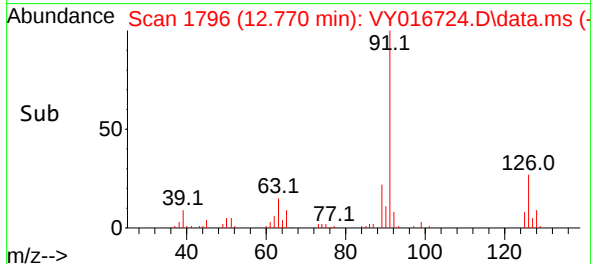
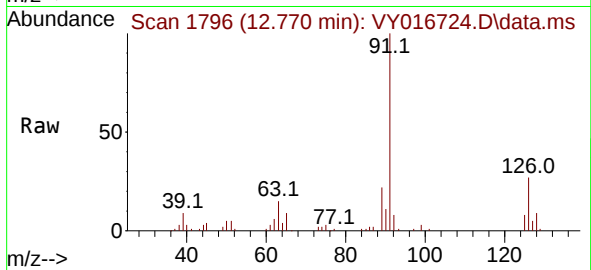
#79
2-Chlorotoluene
Concen: 4.736 ug/l
RT: 12.770 min Scan# 1795
Delta R.T. 0.006 min
Lab File: VY016724.D
Acq: 20 Dec 2023 14:39

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tgt Ion: 91 Resp: 2308
Ion Ratio Lower Upper
91 100
126 31.6 17.0 51.0

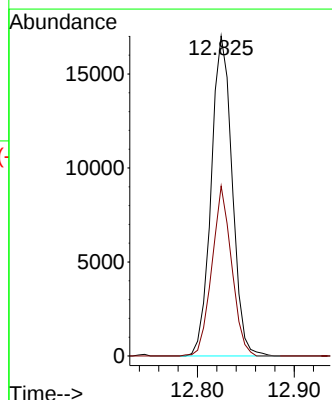
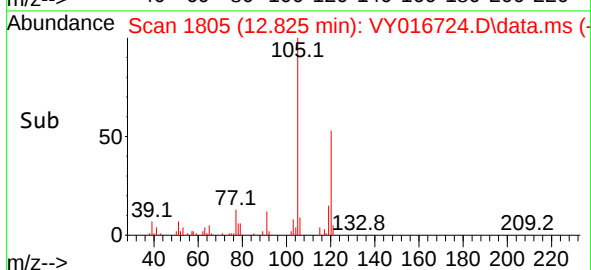
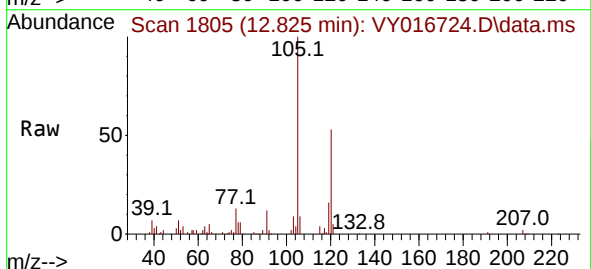
Manual Integrations
APPROVED

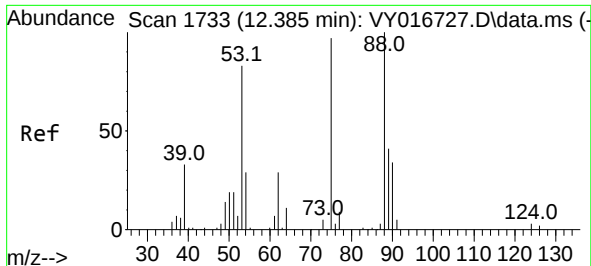
Reviewed By :Mahesh Dadoda 12/21/2023
Supervised By :Semsettin Yesilyurt 12/21/2023



#80
1,3,5-Trimethylbenzene
Concen: 4.455 ug/l
RT: 12.825 min Scan# 1805
Delta R.T. 0.006 min
Lab File: VY016724.D
Acq: 20 Dec 2023 14:39

Tgt Ion:105 Resp: 25641
Ion Ratio Lower Upper
105 100
120 49.9 24.3 72.8





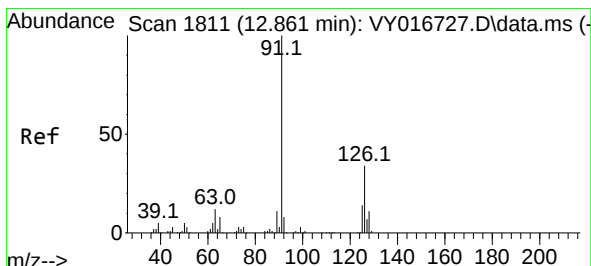
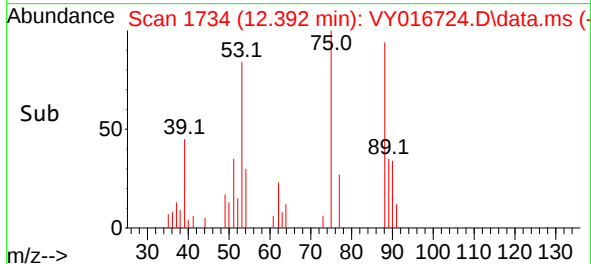
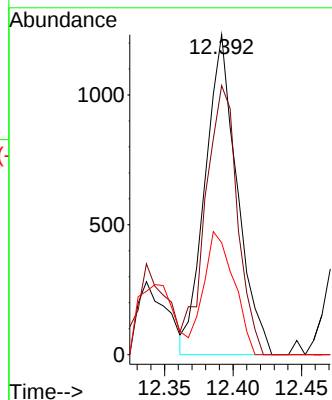
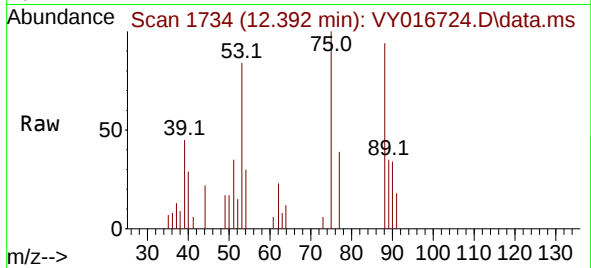
#81
trans-1,4-Dichloro-2-butene
Concen: 4.538 ug/l
RT: 12.392 min Scan# 1734
Delta R.T. 0.006 min
Lab File: VY016724.D
Acq: 20 Dec 2023 14:39

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tgt Ion: 75 Resp: 1994
Ion Ratio Lower Upper
75 100
53 84.4 74.0 111.0
89 36.5 36.5 54.7

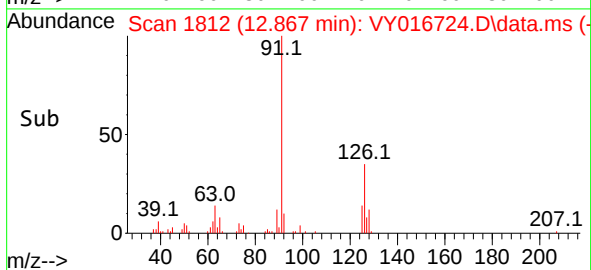
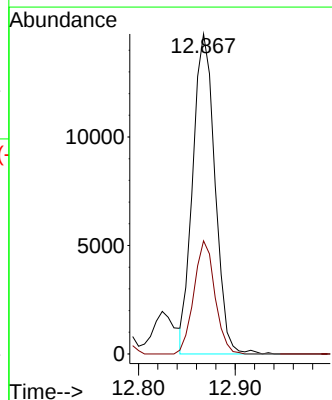
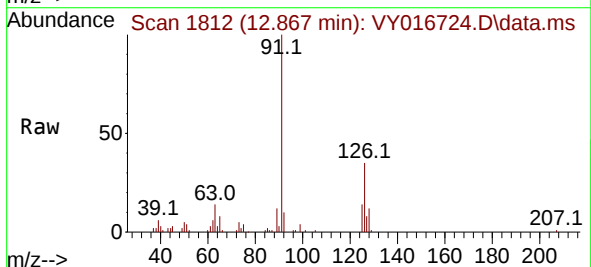
Manual Integrations
APPROVED

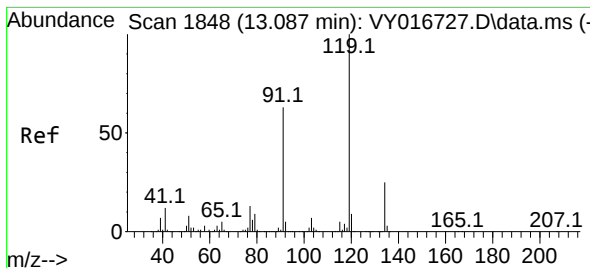
Reviewed By :Mahesh Dadoda 12/21/2023
Supervised By :Semsettin Yesilyurt 12/21/2023



#82
4-Chlorotoluene
Concen: 4.692 ug/l
RT: 12.867 min Scan# 1812
Delta R.T. 0.006 min
Lab File: VY016724.D
Acq: 20 Dec 2023 14:39

Tgt Ion: 91 Resp: 23461
Ion Ratio Lower Upper
91 100
126 33.5 17.1 51.2





#83

tert-Butylbenzene

Concen: 4.460 ug/l

RT: 13.087 min Scan# 1848

Delta R.T. 0.000 min

Lab File: VY016724.D

Acq: 20 Dec 2023 14:39

Instrument :

MSVOA_Y

ClientSampleId :

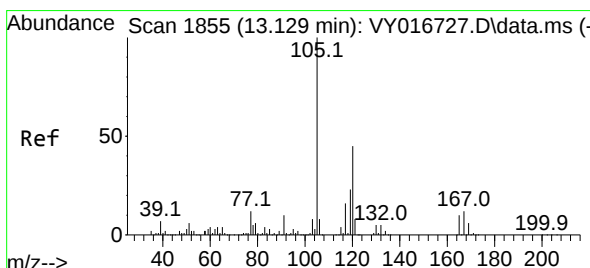
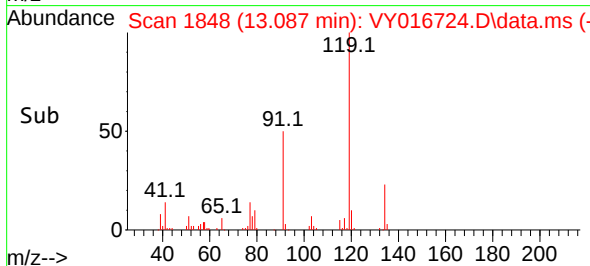
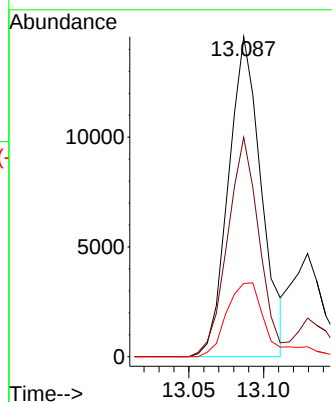
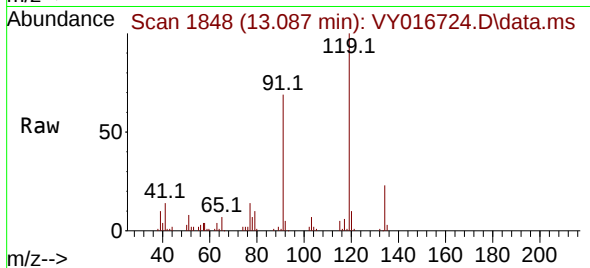
VSTDIC005

Tgt Ion:	119	Resp:	2232
Ion Ratio	Lower	Upper	
119	100		
91	66.7	31.5	94.5
134	28.2	13.1	39.3

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/21/2023
Supervised By :Semsettin Yesilyurt 12/21/2023



#84

1,2,4-Trimethylbenzene

Concen: 4.318 ug/l

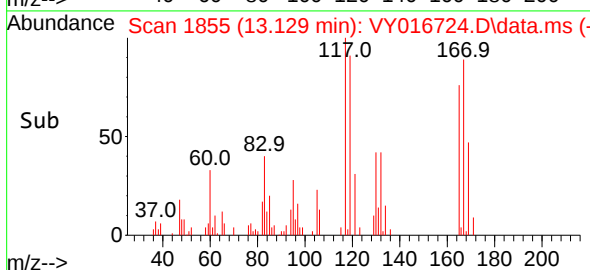
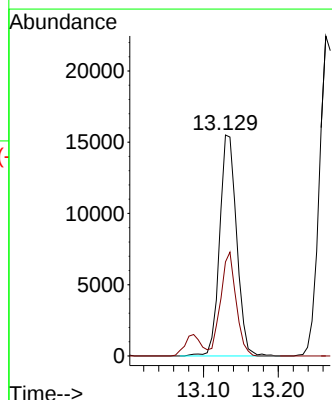
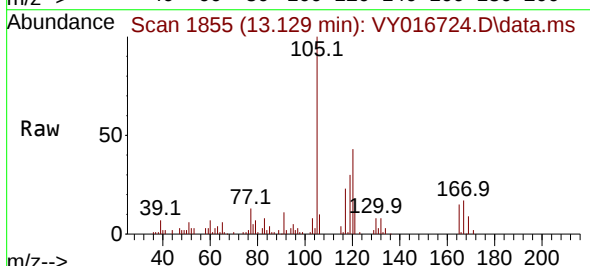
RT: 13.129 min Scan# 1855

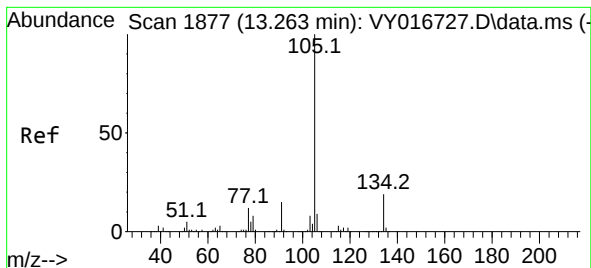
Delta R.T. 0.000 min

Lab File: VY016724.D

Acq: 20 Dec 2023 14:39

Tgt Ion:	105	Resp:	24506
Ion Ratio	Lower	Upper	
105	100		
120	43.1	22.1	66.3





#85

sec-Butylbenzene

Concen: 4.603 ug/l

RT: 13.263 min Scan# 1877

Delta R.T. 0.000 min

Lab File: VY016724.D

Acq: 20 Dec 2023 14:39

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC005

Tgt Ion:105 Resp: 3413

Ion Ratio Lower Upper

105 100

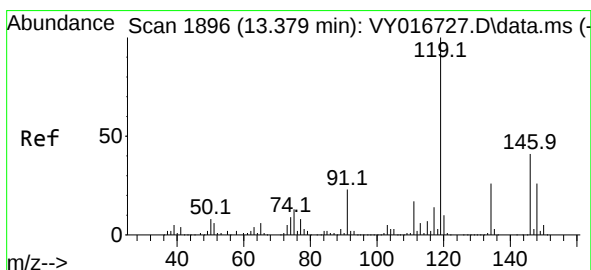
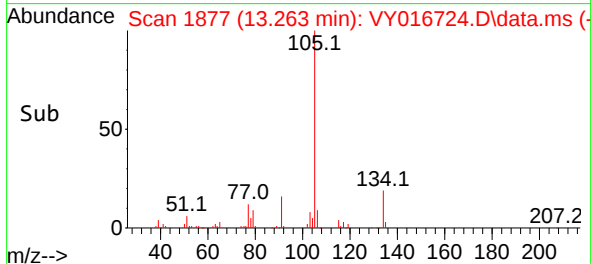
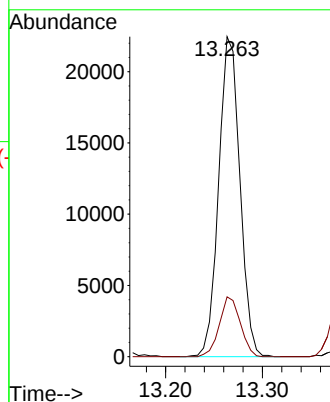
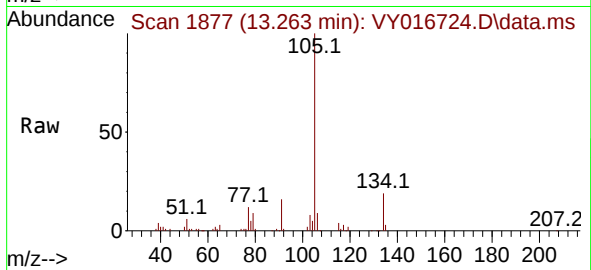
134 18.5 9.7 28.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/21/2023

Supervised By :Semsettin Yesilyurt 12/21/2023



#86

p-Isopropyltoluene

Concen: 4.280 ug/l

RT: 13.379 min Scan# 1896

Delta R.T. 0.000 min

Lab File: VY016724.D

Acq: 20 Dec 2023 14:39

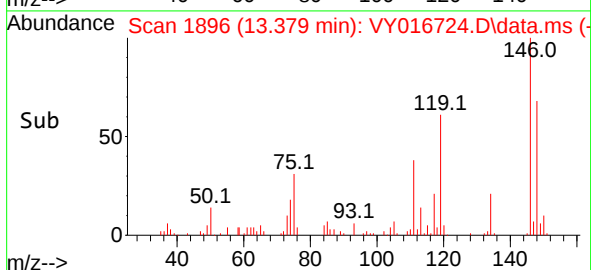
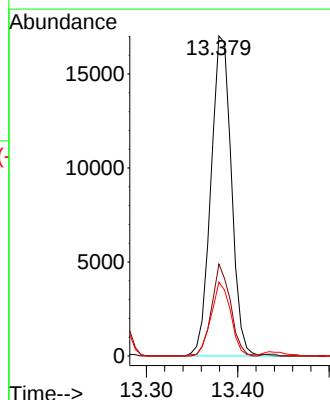
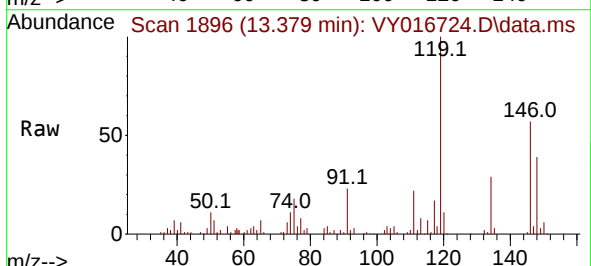
Tgt Ion:119 Resp: 26429

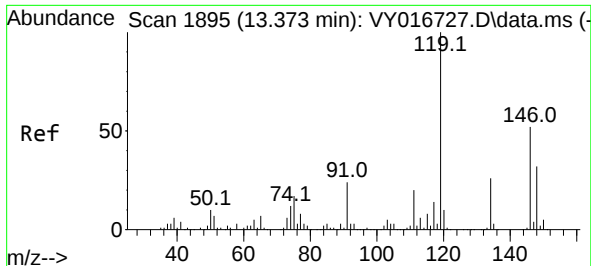
Ion Ratio Lower Upper

119 100

134 26.3 13.1 39.1

91 22.3 11.7 35.0





#87

1,3-Dichlorobenzene

Concen: 4.757 ug/l

RT: 13.379 min Scan# 1895

Delta R.T. 0.006 min

Lab File: VY016724.D

Acq: 20 Dec 2023 14:39

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

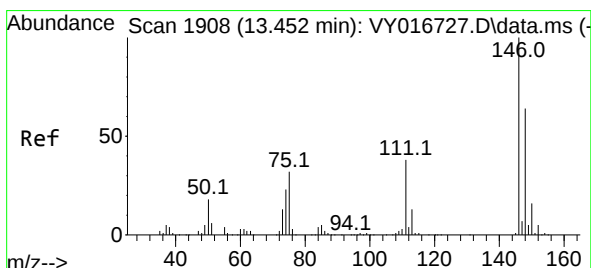
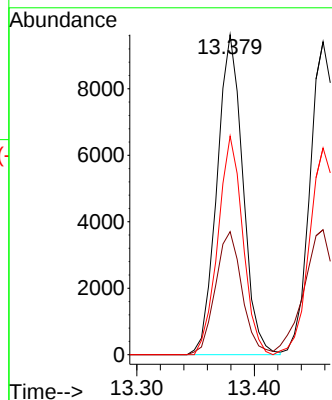
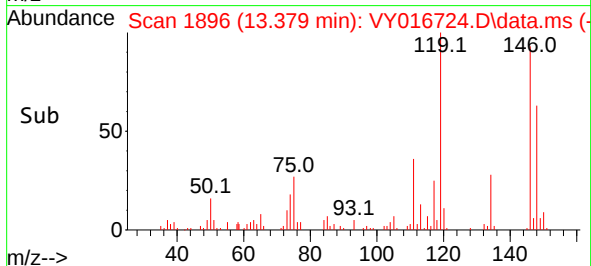
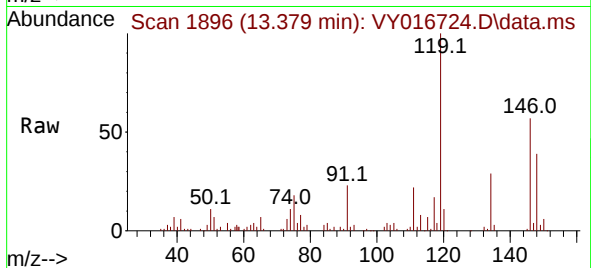
Tgt Ion:146 Resp: 14749

Ion	Ratio	Lower	Upper
146	100		
111	39.7	20.2	60.5
148	65.9	31.9	95.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/21/2023
Supervised By :Semsettin Yesilyurt 12/21/2023



#88

1,4-Dichlorobenzene

Concen: 4.867 ug/l

RT: 13.459 min Scan# 1909

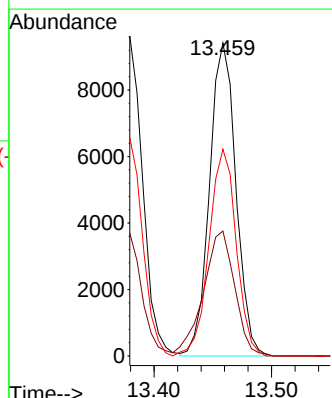
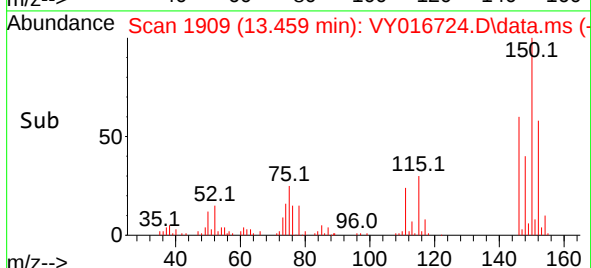
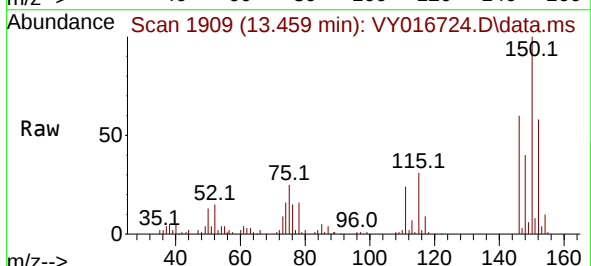
Delta R.T. 0.006 min

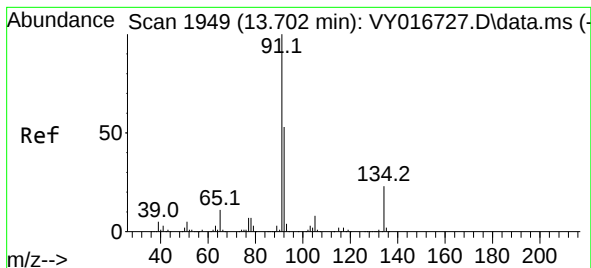
Lab File: VY016724.D

Acq: 20 Dec 2023 14:39

Tgt Ion:146 Resp: 14731

Ion	Ratio	Lower	Upper
146	100		
111	47.3	19.3	57.9
148	67.9	31.6	94.7





#89

n-Butylbenzene

Concen: 4.390 ug/l

RT: 13.709 min Scan# 1949

Delta R.T. 0.006 min

Lab File: VY016724.D

Acq: 20 Dec 2023 14:39

Instrument :

MSVOA_Y

ClientSampleId :

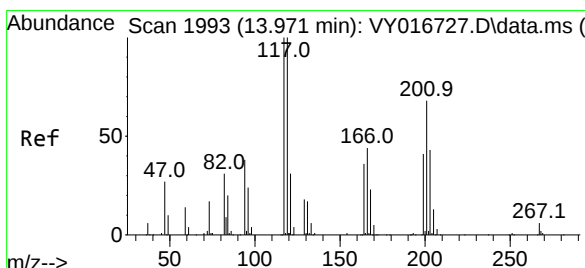
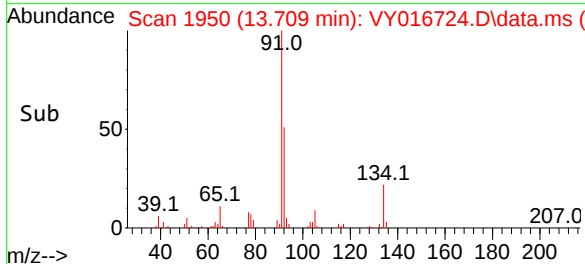
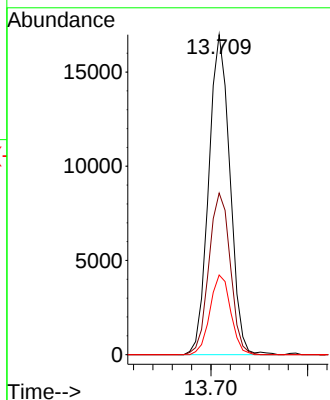
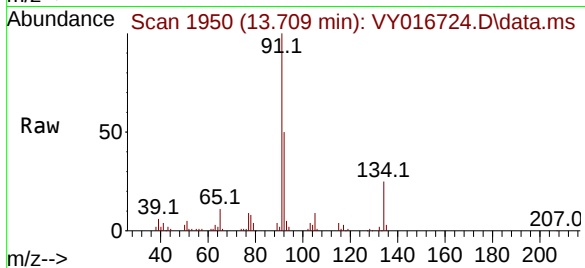
VSTDIC005

Tgt Ion: 91	Resp: 25914
Ion Ratio	Lower Upper
91 100	
92 51.0	26.4 79.2
134 24.3	12.3 36.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/21/2023
Supervised By :Semsettin Yesilyurt 12/21/2023



#90

Hexachloroethane

Concen: 4.921 ug/l

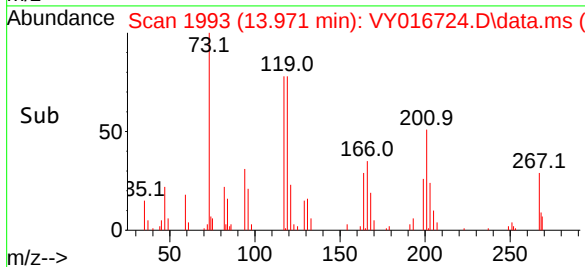
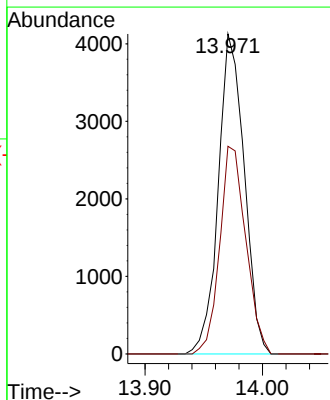
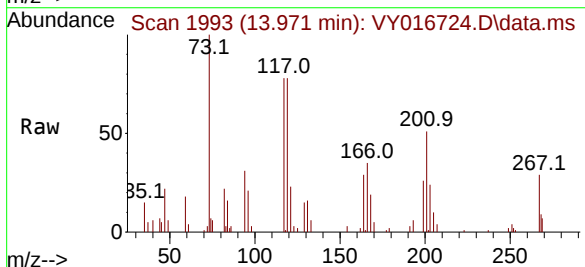
RT: 13.971 min Scan# 1993

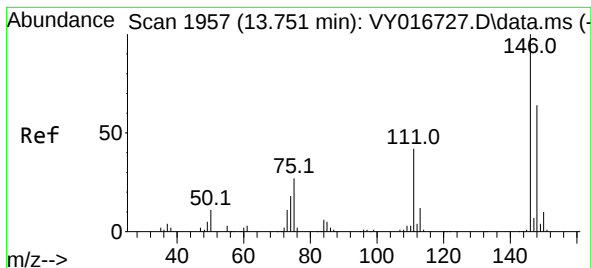
Delta R.T. 0.000 min

Lab File: VY016724.D

Acq: 20 Dec 2023 14:39

Tgt Ion:117	Resp: 6327
Ion Ratio	Lower Upper
117 100	
201 65.5	33.4 100.1





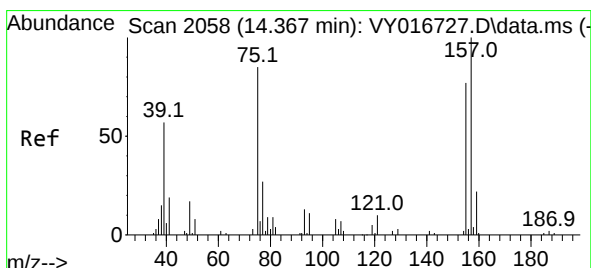
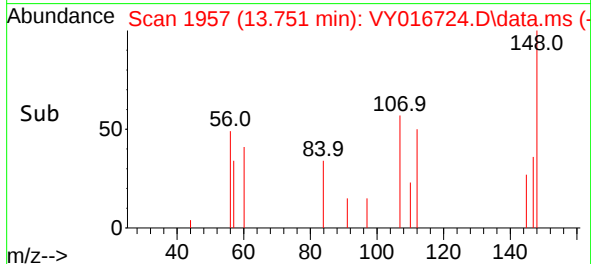
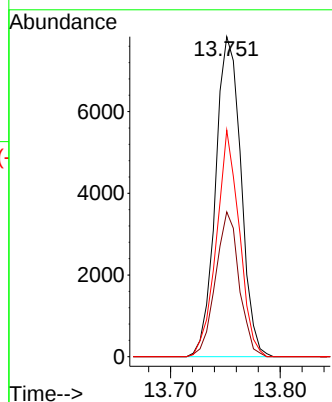
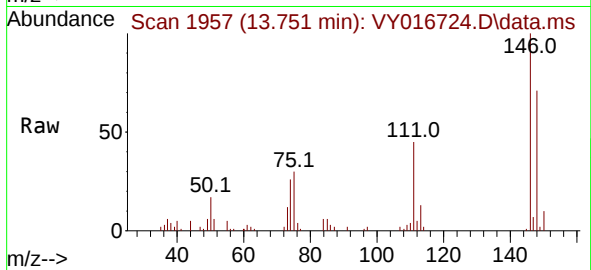
#91
1,2-Dichlorobenzene
Concen: 4.780 ug/l
RT: 13.751 min Scan# 1957
Delta R.T. 0.000 min
Lab File: VY016724.D
Acq: 20 Dec 2023 14:39

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Tgt Ion:146 Resp: 1262
Ion Ratio Lower Upper
146 100
111 42.2 20.5 61.6
148 63.9 31.4 94.3

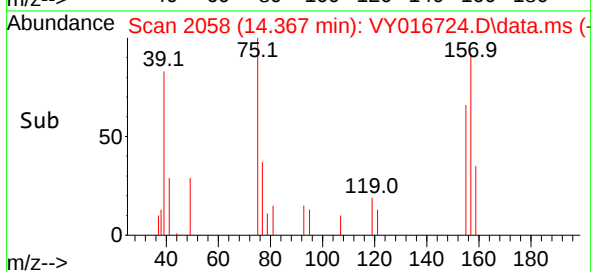
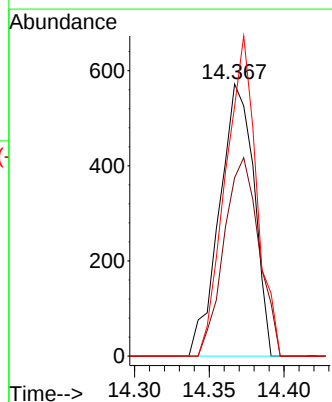
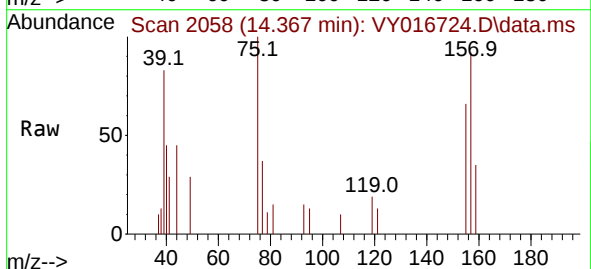
Manual Integrations
APPROVED

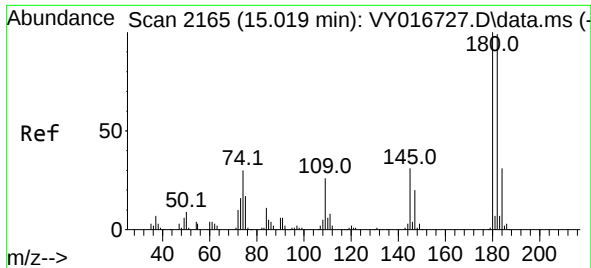
Reviewed By :Mahesh Dadoda 12/21/2023
Supervised By :Semsettin Yesilyurt 12/21/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 4.869 ug/l
RT: 14.367 min Scan# 2058
Delta R.T. 0.000 min
Lab File: VY016724.D
Acq: 20 Dec 2023 14:39

Tgt Ion: 75 Resp: 917
Ion Ratio Lower Upper
75 100
155 74.2 42.1 126.3
157 105.7 55.8 167.4





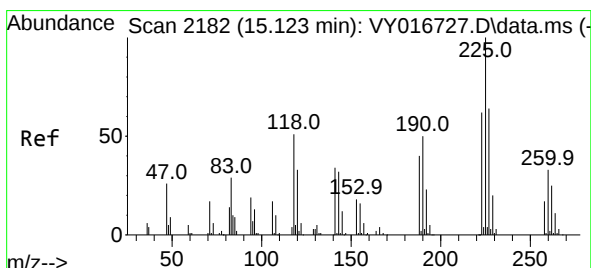
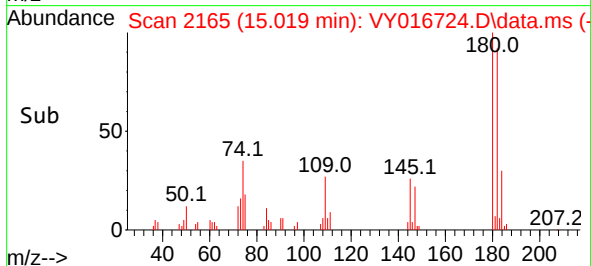
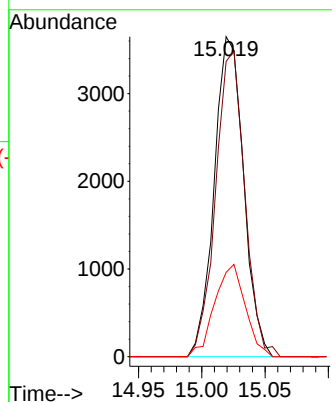
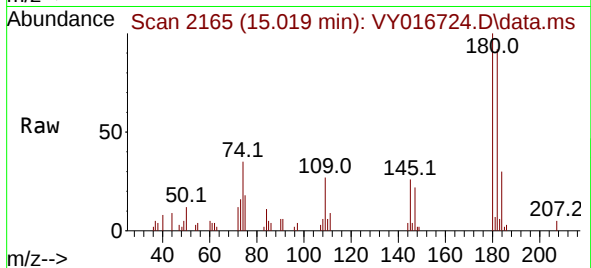
#93
1,2,4-Trichlorobenzene
Concen: 4.209 ug/l
RT: 15.019 min Scan# 2165
Delta R.T. 0.000 min
Lab File: VY016724.D
Acq: 20 Dec 2023 14:39

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tgt Ion:180 Resp: 589
Ion Ratio Lower Upper
180 100
182 94.5 47.9 143.7
145 30.1 15.9 47.7

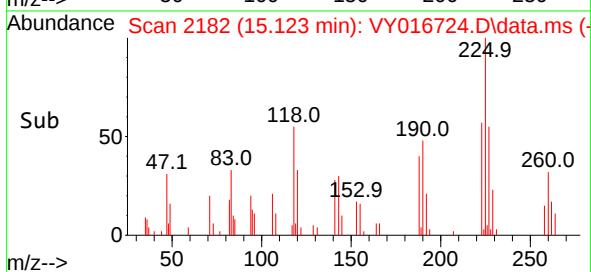
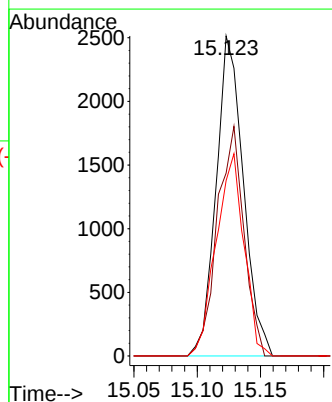
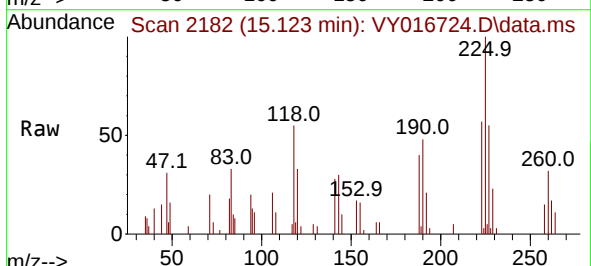
Manual Integrations
APPROVED

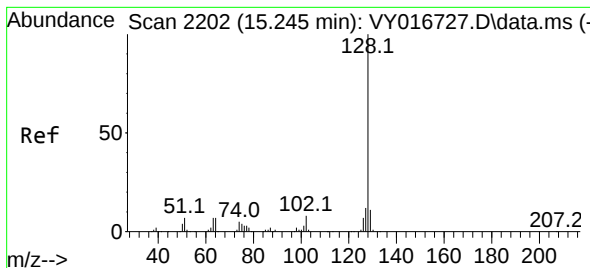
Reviewed By :Mahesh Dadoda 12/21/2023
Supervised By :Semsettin Yesilyurt 12/21/2023



#94
Hexachlorobutadiene
Concen: 4.721 ug/l
RT: 15.123 min Scan# 2182
Delta R.T. 0.000 min
Lab File: VY016724.D
Acq: 20 Dec 2023 14:39

Tgt Ion:225 Resp: 3757
Ion Ratio Lower Upper
225 100
223 70.4 31.4 94.3
227 64.8 32.3 96.8





#95

Naphthalene

Concen: 6.550 ug/l

RT: 15.251 min Scan# 21

Delta R.T. 0.006 min

Lab File: VY016724.D

Acq: 20 Dec 2023 14:39

Instrument :

MSVOA_Y

ClientSampleId :

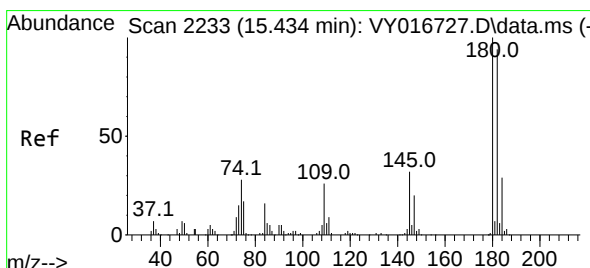
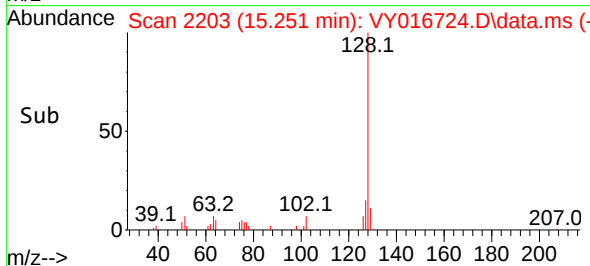
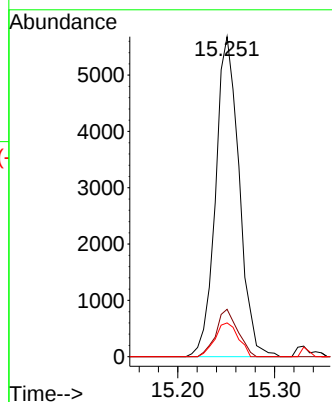
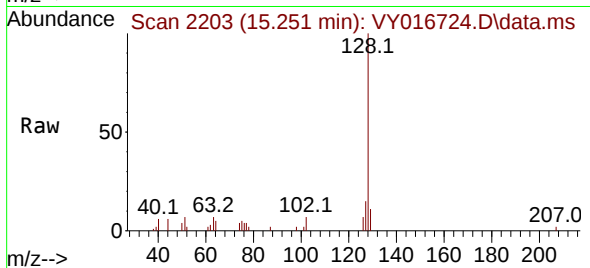
VSTDIC005

Tgt Ion:	128	Resp:	960
Ion Ratio	Lower	Upper	
128	100		
127	13.7	10.2	15.4
129	10.4	8.6	12.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/21/2023
Supervised By :Semsettin Yesilyurt 12/21/2023



#96

1,2,3-Trichlorobenzene

Concen: 4.020 ug/l

RT: 15.440 min Scan# 2234

Delta R.T. 0.006 min

Lab File: VY016724.D

Acq: 20 Dec 2023 14:39

Tgt Ion:	180	Resp:	4797
Ion Ratio	Lower	Upper	
180	100		
182	94.7	46.3	138.8
145	33.6	16.1	48.2

