

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121523\
 Data File : VY016655.D
 Acq On : 15 Dec 2023 15:05
 Operator : SY/MD
 Sample : VSTDICC005
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC005

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 12/18/2023
 Supervised By :Semsettin Yesilyurt 12/18/2023

Quant Time: Dec 16 00:06:18 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y121523S.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 15 23:53:28 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	239405	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	380414	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	326326	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	156880	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	8841	4.822	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	9.640%#		
35) Dibromofluoromethane	7.728	113	10426	5.110	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	10.220%#		
50) Toluene-d8	10.191	98	32933	5.996	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	12.000%#		
62) 4-Bromofluorobenzene	12.489	95	14637	5.597	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	11.200%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.912	85	10857	5.819	ug/l	99
3) Chloromethane	2.119	50	15522	5.338	ug/l	99
4) Vinyl Chloride	2.260	62	15996	4.792	ug/l	93
5) Bromomethane	2.662	94	12207	5.110	ug/l	98
6) Chloroethane	2.802	64	10565	4.866	ug/l	98
7) Trichlorofluoromethane	3.137	101	18214	4.886	ug/l	100
8) Diethyl Ether	3.540	74	5192	4.458	ug/l	94
9) 1,1,2-Trichlorotrifluo...	3.912	101	11728	5.087	ug/l	91
10) Methyl Iodide	4.101	142	11157	4.649	ug/l	95
11) Tert butyl alcohol	4.966	59	4085	25.855	ug/l	98
12) 1,1-Dichloroethene	3.881	96	10108	4.650	ug/l	95
13) Acrolein	3.735	56	3019	5.793	ug/l	98
14) Allyl chloride	4.491	41	13165	4.467	ug/l #	92
15) Acrylonitrile	5.174	53	11264	23.243	ug/l	98
16) Acetone	3.948	43	18819	14.067	ug/l #	89
17) Carbon Disulfide	4.204	76	32833	4.776	ug/l	100
18) Methyl Acetate	4.497	43	8585	4.695	ug/l	93
19) Methyl tert-butyl Ether	5.235	73	21754	4.269	ug/l	96
20) Methylene Chloride	4.729	84	20374	3.397	ug/l	91
21) trans-1,2-Dichloroethene	5.235	96	11772	4.649	ug/l #	80
22) Diisopropyl ether	6.131	45	26528	4.200	ug/l #	86
23) Vinyl Acetate	6.070	43	64705	20.792	ug/l #	91
24) 1,1-Dichloroethane	6.021	63	18972	4.603	ug/l #	89
25) 2-Butanone	6.997	43	21930	19.852	ug/l #	89
26) 2,2-Dichloropropane	6.997	77	17544	4.794	ug/l	98
27) cis-1,2-Dichloroethene	6.990	96	12190	4.457	ug/l	92
28) Bromochloromethane	7.344	49	3937	5.413	ug/l	87
29) Tetrahydrofuran	7.362	42	8207	21.563	ug/l	94
30) Chloroform	7.521	83	20186	4.709	ug/l	90
31) Cyclohexane	7.795	56	20086	5.196	ug/l #	64
32) 1,1,1-Trichloroethane	7.710	97	18121	4.712	ug/l	98
36) 1,1-Dichloropropene	7.929	75	16085	4.759	ug/l	99
37) Ethyl Acetate	7.076	43	6834	4.907	ug/l #	80
38) Carbon Tetrachloride	7.911	117	15642	4.608	ug/l	97
39) Methylcyclohexane	9.191	83	19066	4.488	ug/l	90
40) Benzene	8.167	78	45121	4.555	ug/l	93

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 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

Manual Integrations
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Reviewed By :Mahesh Dadoda 12/18/2023
 Supervised By :Semsettin Yesilyurt 12/18/2023

Quant Time: Dec 16 00:06:18 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y121523S.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 15 23:53:28 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.320	41	3535m	4.780	ug/l	
42) 1,2-Dichloroethane	8.246	62	11465	4.529	ug/l	91
43) Isopropyl Acetate	8.277	43	10866	4.245	ug/l	95
44) Trichloroethene	8.947	130	12957	4.697	ug/l	91
45) 1,2-Dichloropropane	9.216	63	10495	4.535	ug/l	90
46) Dibromomethane	9.313	93	5574	4.356	ug/l	99
47) Bromodichloromethane	9.502	83	14569	4.506	ug/l #	96
48) Methyl methacrylate	9.301	41	5737	4.048	ug/l	88
49) 1,4-Dioxane	9.307	88	1171	85.420	ug/l #	71
51) 4-Methyl-2-Pentanone	10.075	43	28451	21.193	ug/l	89
52) Toluene	10.252	92	27082	4.365	ug/l	96
53) t-1,3-Dichloropropene	10.472	75	12781	4.190	ug/l	98
54) cis-1,3-Dichloropropene	9.935	75	15772	4.300	ug/l #	87
55) 1,1,2-Trichloroethane	10.654	97	8198	4.559	ug/l	97
56) Ethyl methacrylate	10.520	69	6006	3.852	ug/l #	86
57) 1,3-Dichloropropane	10.801	76	13308	4.447	ug/l	96
58) 2-Chloroethyl Vinyl ether	9.789	63	19220	29.684	ug/l	90
59) 2-Hexanone	10.837	43	28430	25.813	ug/l	92
60) Dibromochloromethane	10.990	129	9517	4.367	ug/l	98
61) 1,2-Dibromoethane	11.099	107	7399	4.384	ug/l	98
64) Tetrachloroethene	10.728	164	12320	4.608	ug/l	91
65) Chlorobenzene	11.526	112	28931	4.545	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.599	131	10307	4.428	ug/l	96
67) Ethyl Benzene	11.599	91	50079	4.373	ug/l	99
68) m/p-Xylenes	11.715	106	37779	8.552	ug/l	92
69) o-Xylene	12.038	106	16996	4.206	ug/l	93
70) Styrene	12.050	104	23152	3.955	ug/l	95
71) Bromoform	12.215	173	5823	4.613	ug/l #	97
73) Isopropylbenzene	12.337	105	45059	4.083	ug/l	99
74) N-amyl acetate	12.154	43	7849	3.795	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	12.587	83	8406	4.478	ug/l	95
76) 1,2,3-Trichloropropane	12.636	75	5843m	4.084	ug/l	
77) Bromobenzene	12.617	156	11623	4.496	ug/l	94
78) n-propylbenzene	12.678	91	57289	4.344	ug/l	98
79) 2-Chlorotoluene	12.764	91	31271	4.318	ug/l	98
80) 1,3,5-Trimethylbenzene	12.819	105	36005	4.081	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.386	75	2710	4.310	ug/l	87
82) 4-Chlorotoluene	12.861	91	32535	4.344	ug/l	97
83) tert-Butylbenzene	13.081	119	33627	4.368	ug/l	94
84) 1,2,4-Trimethylbenzene	13.130	105	35717	4.082	ug/l	98
85) sec-Butylbenzene	13.264	105	48561	4.299	ug/l	99
86) p-Isopropyltoluene	13.380	119	40000	4.147	ug/l	98
87) 1,3-Dichlorobenzene	13.373	146	23224	4.622	ug/l	98
88) 1,4-Dichlorobenzene	13.453	146	23168	4.689	ug/l	94
89) n-Butylbenzene	13.703	91	39224	4.378	ug/l	99
90) Hexachloroethane	13.971	117	9094	4.737	ug/l	91
91) 1,2-Dichlorobenzene	13.751	146	19832	4.600	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	1326	4.880	ug/l	92
93) 1,2,4-Trichlorobenzene	15.013	180	10496	4.507	ug/l	98
94) Hexachlorobutadiene	15.123	225	7525	5.383	ug/l	95
95) Naphthalene	15.245	128	15434	3.981	ug/l	99
96) 1,2,3-Trichlorobenzene	15.434	180	8525	4.440	ug/l	99

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ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

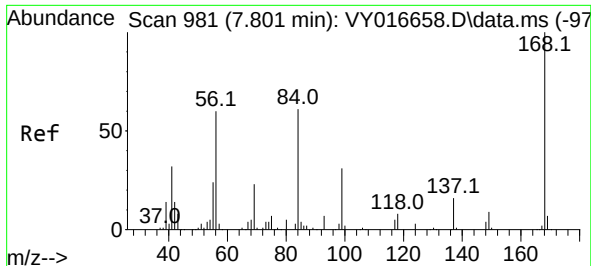
Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023

Quant Time: Dec 16 00:06:18 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y121523S.M
Quant Title : SW846 8260
QLast Update : Fri Dec 15 23:53:28 2023
Response via : Initial Calibration

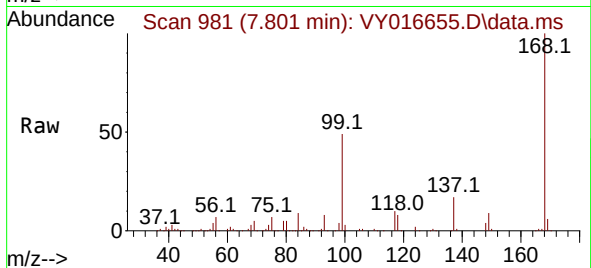
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY016655.D
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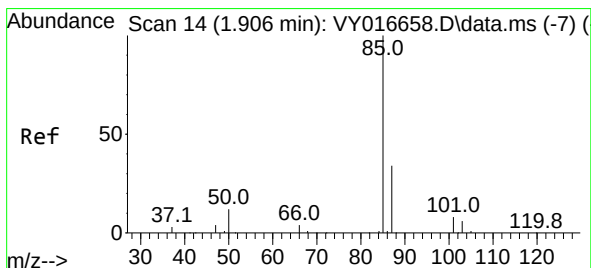
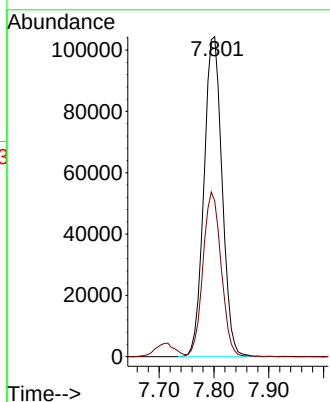
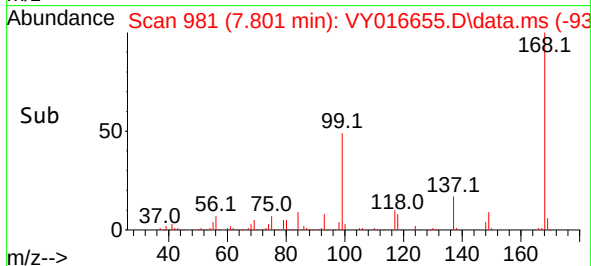
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005



Tgt Ion:168 Resp: 23940
Ion Ratio Lower Upper
168 100
99 48.7 43.4 65.0

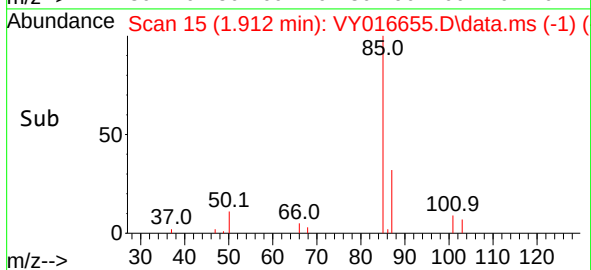
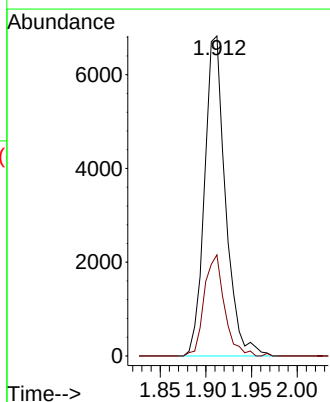
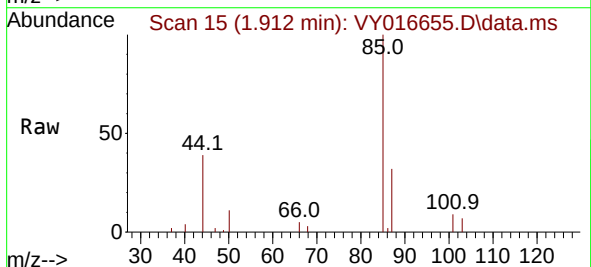
Manual Integrations
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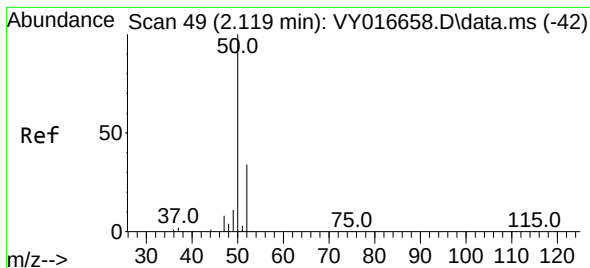
Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023



#2
Dichlorodifluoromethane
Concen: 5.819 ug/l
RT: 1.912 min Scan# 15
Delta R.T. 0.006 min
Lab File: VY016655.D
Acq: 15 Dec 2023 15:05

Tgt Ion: 85 Resp: 10857
Ion Ratio Lower Upper
85 100
87 31.6 15.6 46.8





#3

Chloromethane

Concen: 5.338 ug/l

RT: 2.119 min Scan# 49

Delta R.T. 0.000 min

Lab File: VY016655.D

Acq: 15 Dec 2023 15:05

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

Tgt Ion: 50 Resp: 1552

Ion Ratio Lower Upper

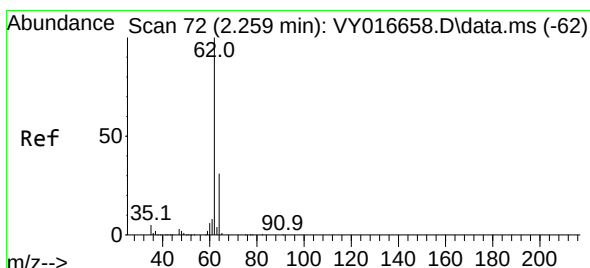
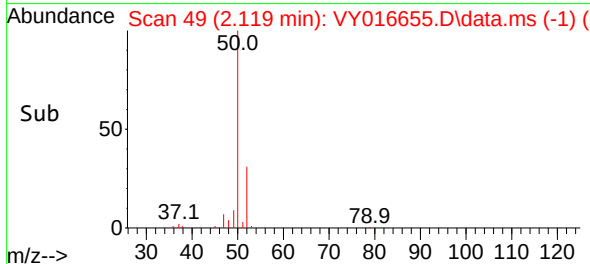
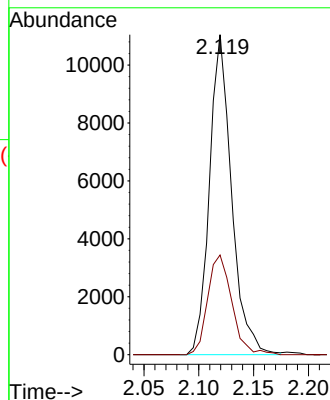
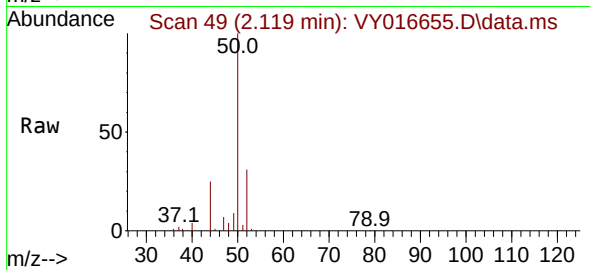
50 100

52 31.2 25.4 38.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023



#4

Vinyl Chloride

Concen: 4.792 ug/l

RT: 2.260 min Scan# 72

Delta R.T. 0.000 min

Lab File: VY016655.D

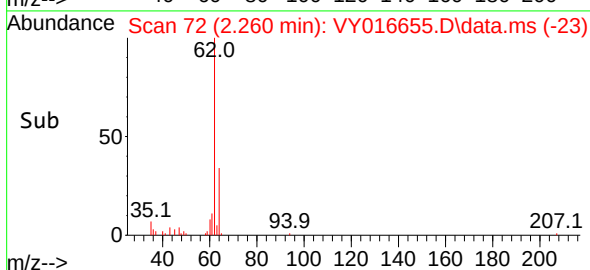
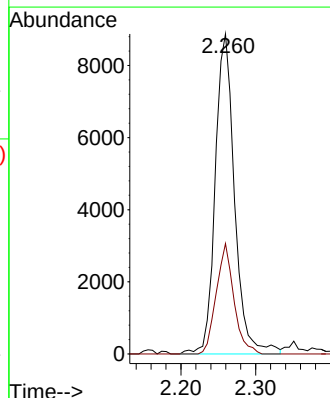
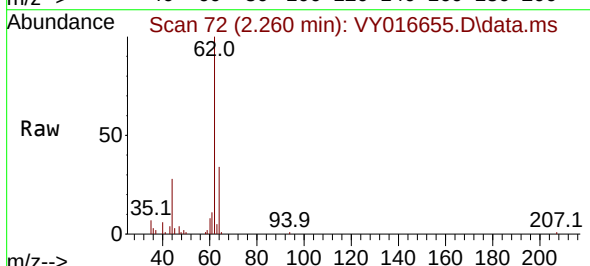
Acq: 15 Dec 2023 15:05

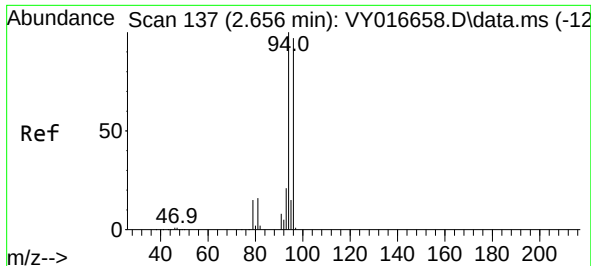
Tgt Ion: 62 Resp: 15996

Ion Ratio Lower Upper

62 100

64 34.5 24.3 36.5





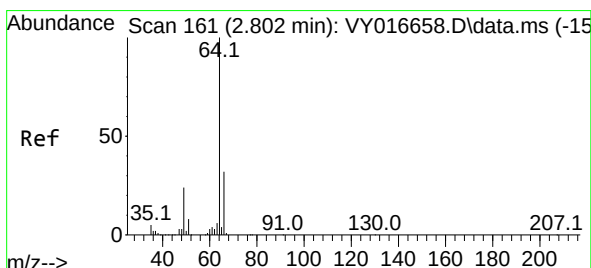
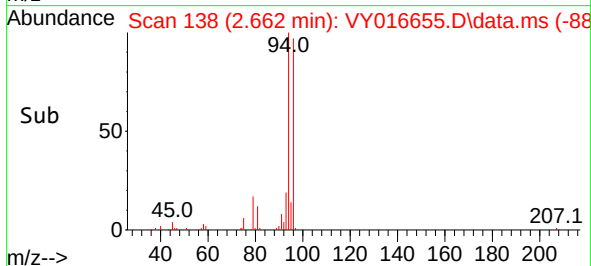
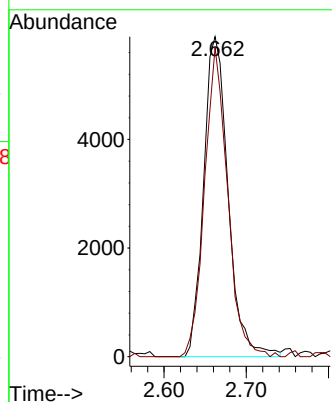
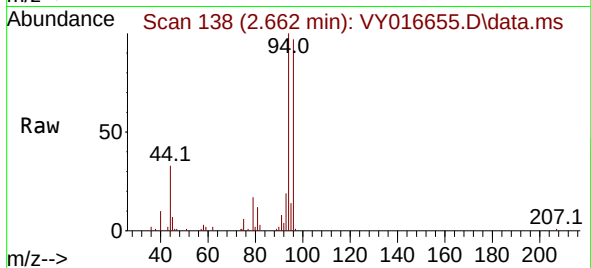
#5
Bromomethane
Concen: 5.110 ug/l
RT: 2.662 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY016655.D
Acq: 15 Dec 2023 15:05

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Tgt Ion: 94 Resp: 1220
Ion Ratio Lower Upper
94 100
96 96.7 75.8 113.6

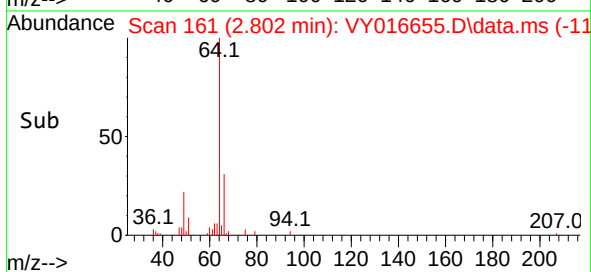
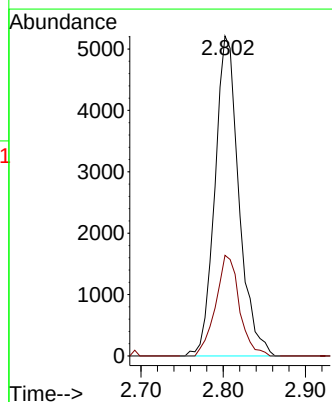
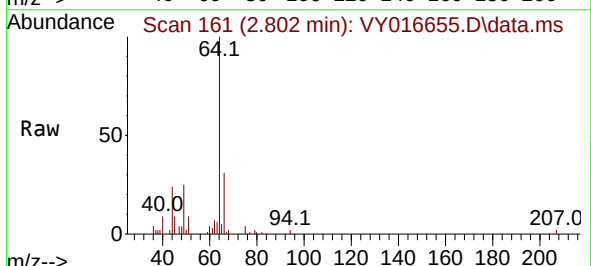
Manual Integrations
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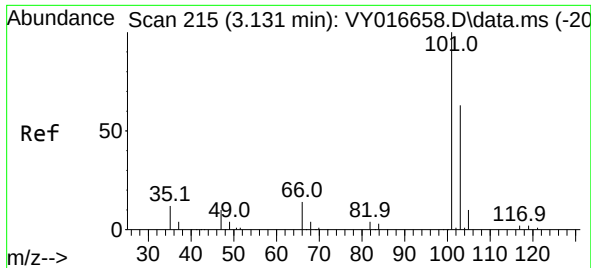
Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023



#6
Chloroethane
Concen: 4.866 ug/l
RT: 2.802 min Scan# 161
Delta R.T. 0.000 min
Lab File: VY016655.D
Acq: 15 Dec 2023 15:05

Tgt Ion: 64 Resp: 10565
Ion Ratio Lower Upper
64 100
66 31.4 24.4 36.6





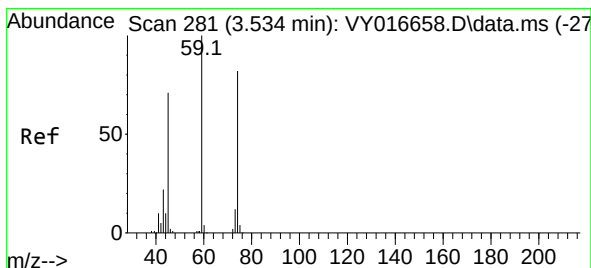
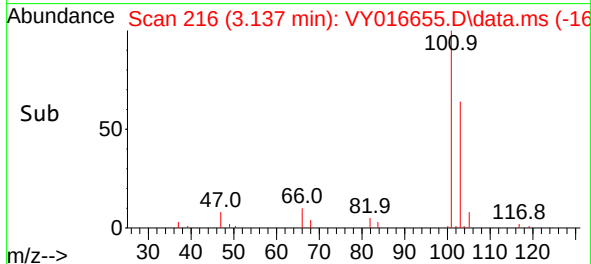
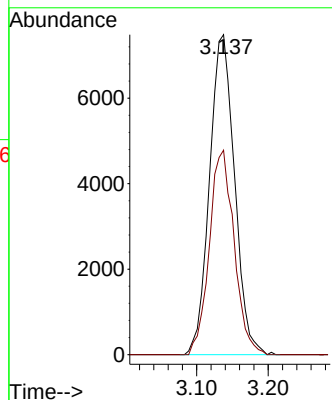
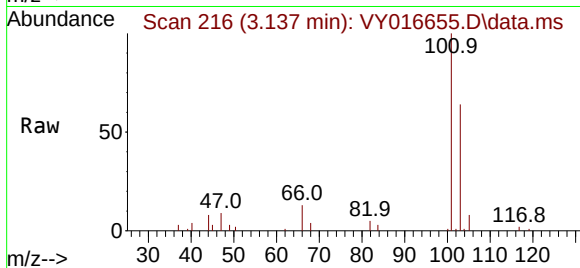
#7
Trichlorofluoromethane
Concen: 4.886 ug/l
RT: 3.137 min Scan# 215
Delta R.T. 0.006 min
Lab File: VY016655.D
Acq: 15 Dec 2023 15:05

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tgt Ion:101 Resp: 18214
Ion Ratio Lower Upper
101 100
103 63.9 51.4 77.0

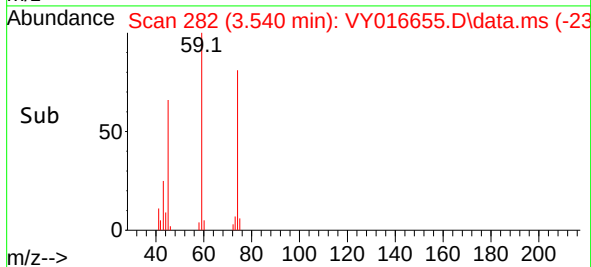
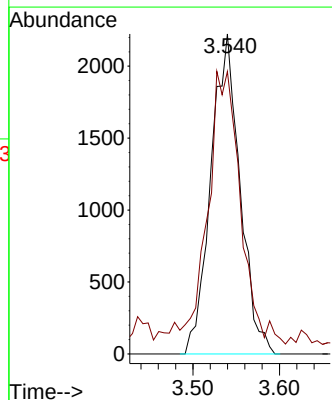
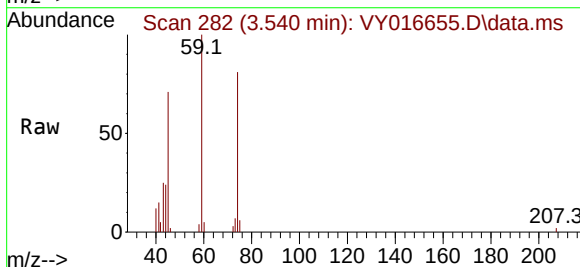
Manual Integrations
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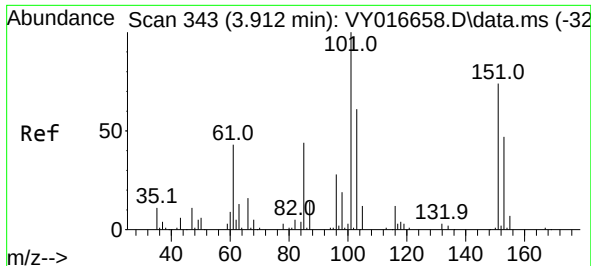
Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023



#8
Diethyl Ether
Concen: 4.458 ug/l
RT: 3.540 min Scan# 282
Delta R.T. 0.006 min
Lab File: VY016655.D
Acq: 15 Dec 2023 15:05

Tgt Ion: 74 Resp: 5192
Ion Ratio Lower Upper
74 100
45 96.9 51.5 154.5





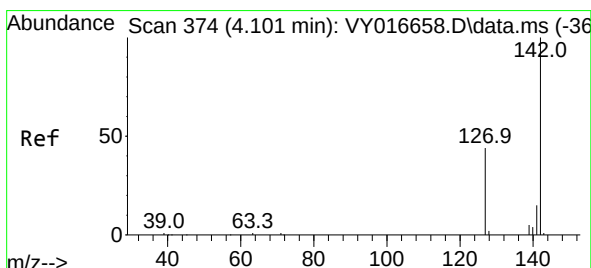
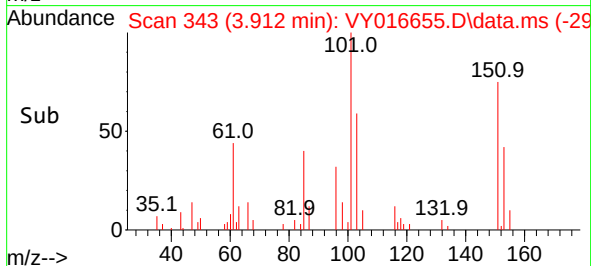
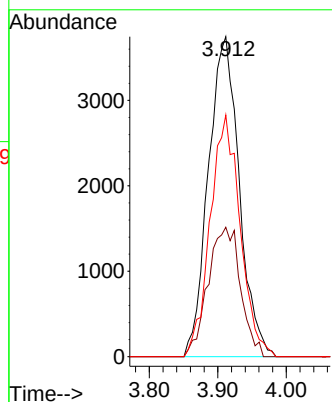
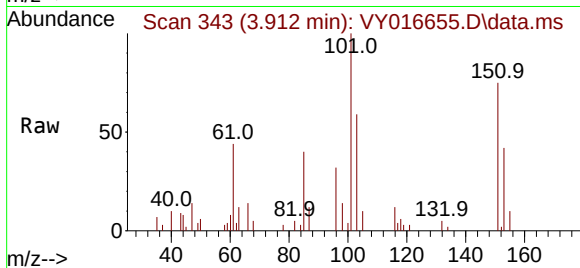
#9
1,1,2-Trichlorotrifluoroethane
Concen: 5.087 ug/l
RT: 3.912 min Scan# 343
Delta R.T. 0.000 min
Lab File: VY016655.D
Acq: 15 Dec 2023 15:05

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tgt Ion:101 Resp: 11728
Ion Ratio Lower Upper
101 100
85 42.5 36.6 55.0
151 73.3 67.0 100.6

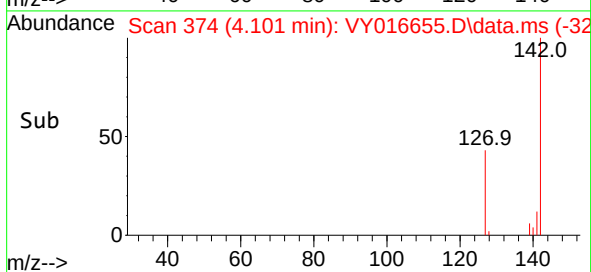
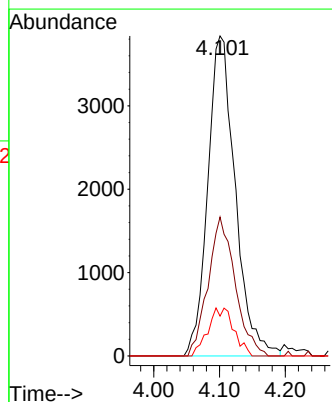
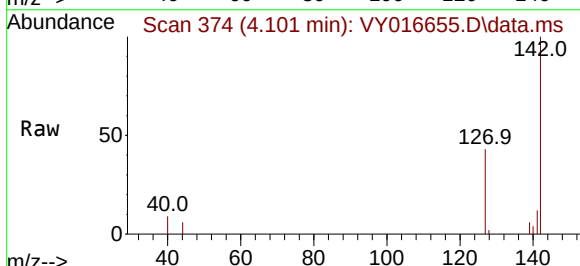
Manual Integrations
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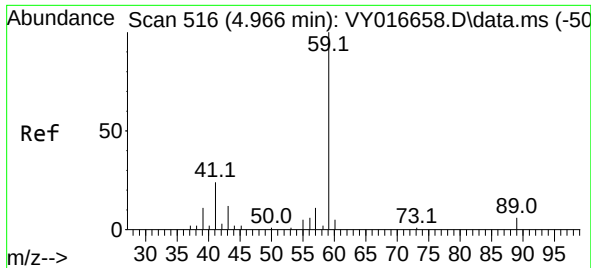
Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023



#10
Methyl Iodide
Concen: 4.649 ug/l
RT: 4.101 min Scan# 374
Delta R.T. 0.000 min
Lab File: VY016655.D
Acq: 15 Dec 2023 15:05

Tgt Ion:142 Resp: 11157
Ion Ratio Lower Upper
142 100
127 42.7 37.6 56.4
141 14.1 11.8 17.8





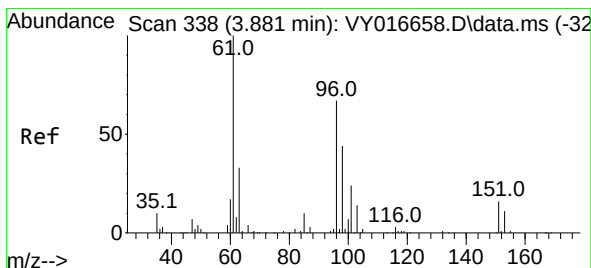
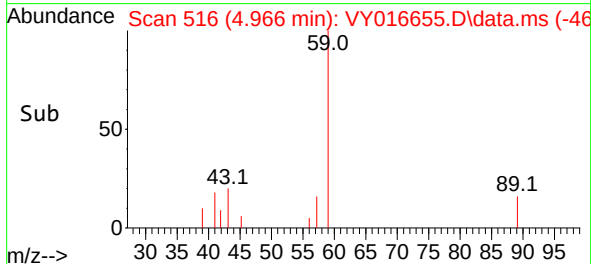
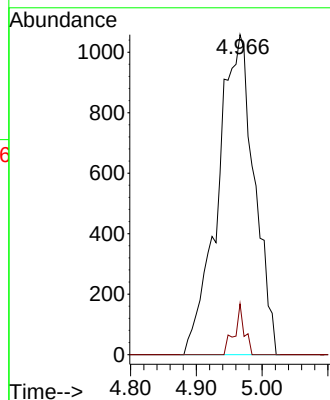
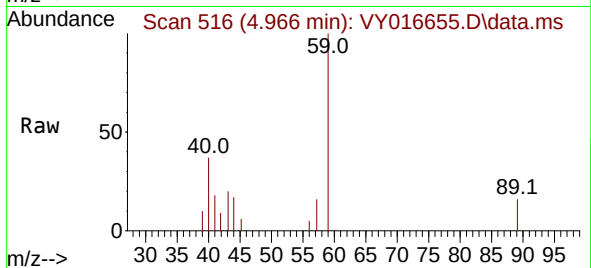
#11
Tert butyl alcohol
Concen: 25.855 ug/l
RT: 4.966 min Scan# 516
Delta R.T. 0.000 min
Lab File: VY016655.D
Acq: 15 Dec 2023 15:05

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tgt Ion: 59 Resp: 408
Ion Ratio Lower Upper
59 100
57 4.3 3.0 4.4

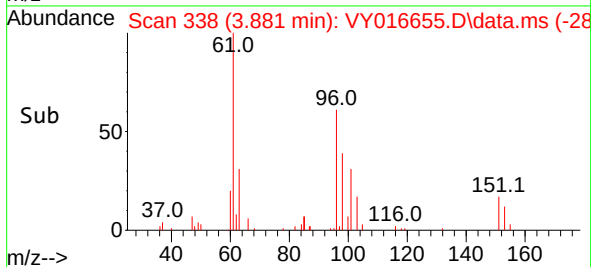
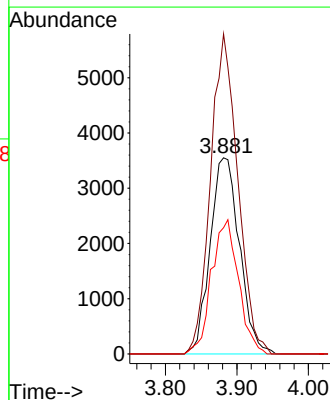
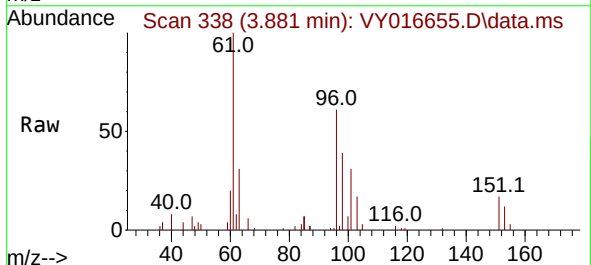
Manual Integrations
APPROVED

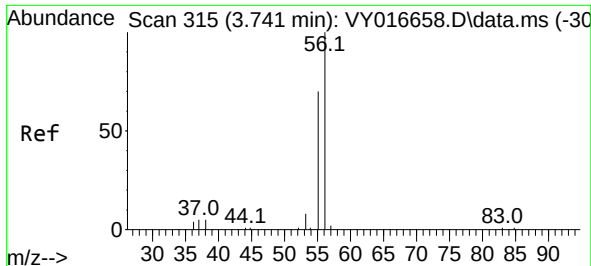
Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023



#12
1,1-Dichloroethene
Concen: 4.650 ug/l
RT: 3.881 min Scan# 338
Delta R.T. 0.000 min
Lab File: VY016655.D
Acq: 15 Dec 2023 15:05

Tgt Ion: 96 Resp: 10108
Ion Ratio Lower Upper
96 100
61 163.1 136.4 204.6
98 64.3 49.4 74.2





#13

Acrolein

Concen: 5.793 ug/l

RT: 3.735 min Scan# 315

Delta R.T. -0.006 min

Lab File: VY016655.D

Acq: 15 Dec 2023 15:05

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

Tgt Ion: 56 Resp: 3019

Ion Ratio Lower Upper

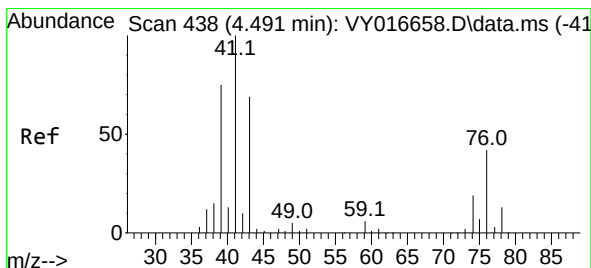
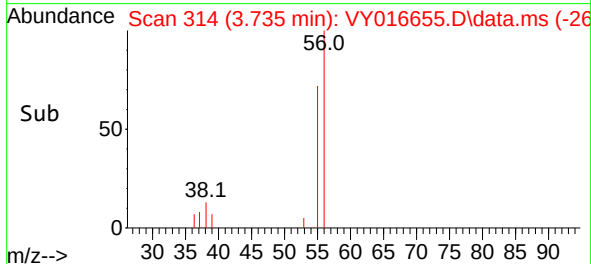
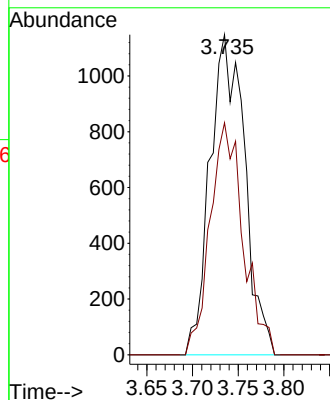
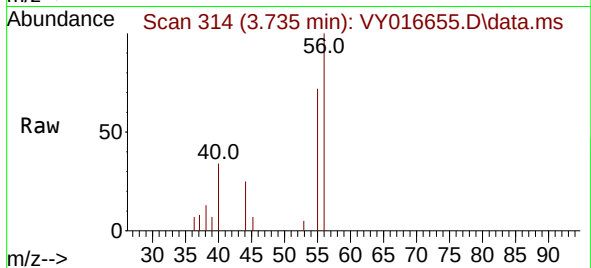
56 100

55 69.3 57.0 85.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023



#14

Allyl chloride

Concen: 4.467 ug/l

RT: 4.491 min Scan# 438

Delta R.T. 0.000 min

Lab File: VY016655.D

Acq: 15 Dec 2023 15:05

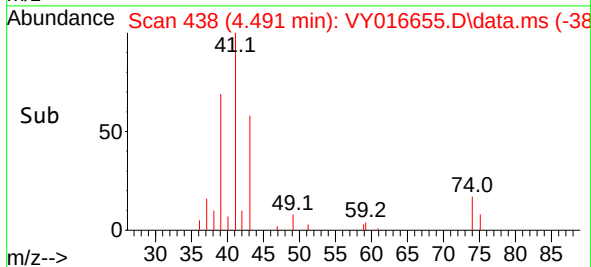
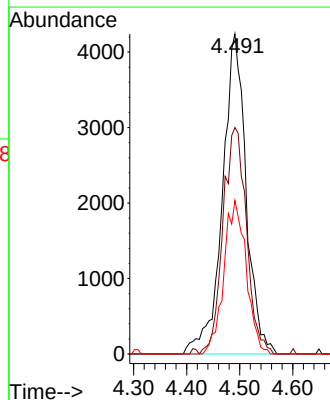
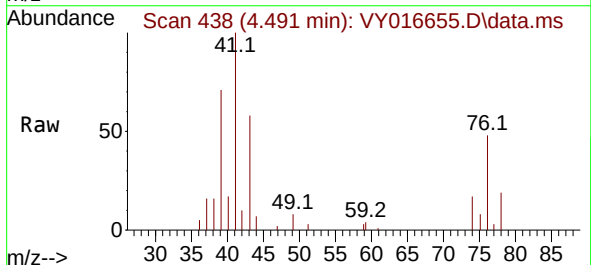
Tgt Ion: 41 Resp: 13165

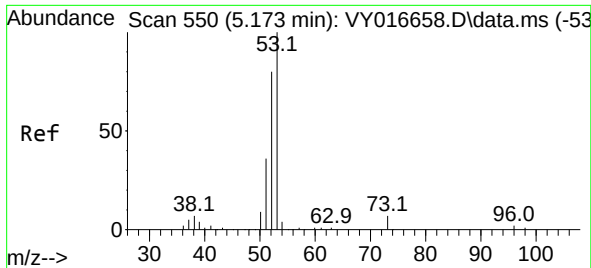
Ion Ratio Lower Upper

41 100

39 70.0 58.0 87.0

76 45.3 27.4 41.2#





#15

Acrylonitrile

Concen: 23.243 ug/l

RT: 5.174 min Scan# 51

Delta R.T. 0.000 min

Lab File: VY016655.D

Acq: 15 Dec 2023 15:05

Instrument :

MSVOA_Y

ClientSampleId :

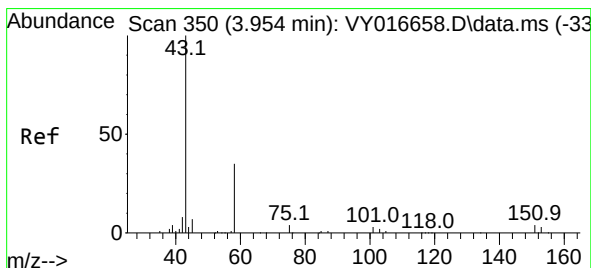
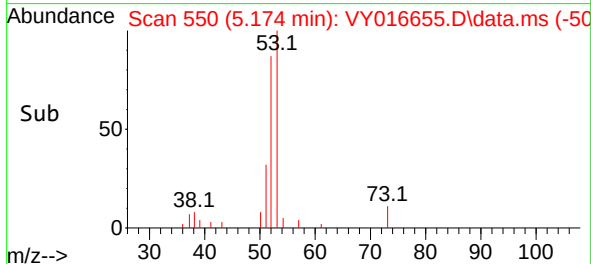
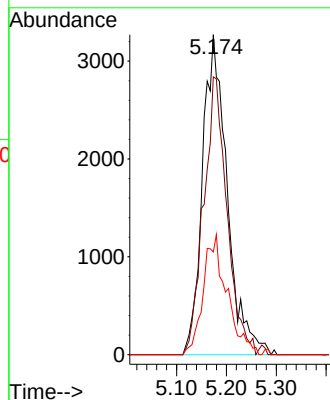
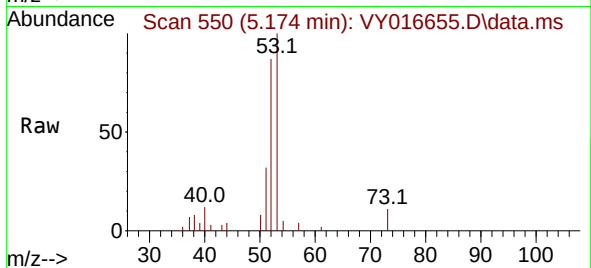
VSTDICC005

Tgt Ion: 53	Resp: 11264
Ion Ratio	Lower Upper
53	100
52	81.8 66.9 100.3
51	36.0 29.8 44.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023



#16

Acetone

Concen: 14.067 ug/l

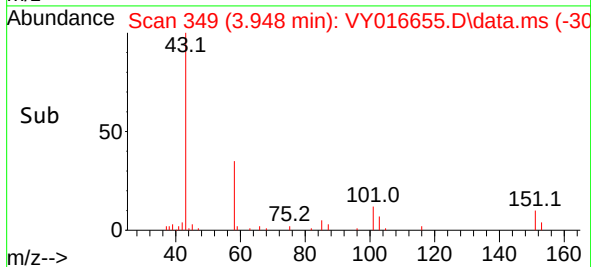
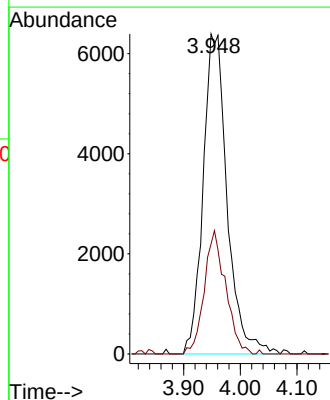
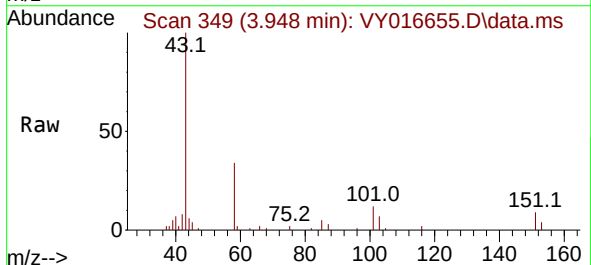
RT: 3.948 min Scan# 349

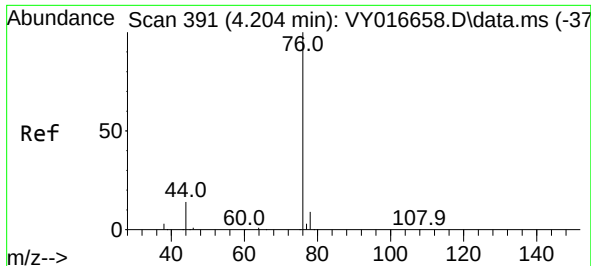
Delta R.T. -0.006 min

Lab File: VY016655.D

Acq: 15 Dec 2023 15:05

Tgt Ion: 43	Resp: 18819
Ion Ratio	Lower Upper
43	100
58	34.4 22.7 34.1#





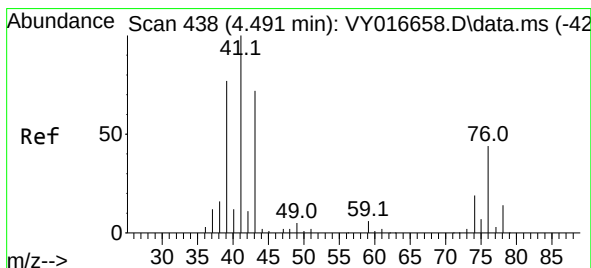
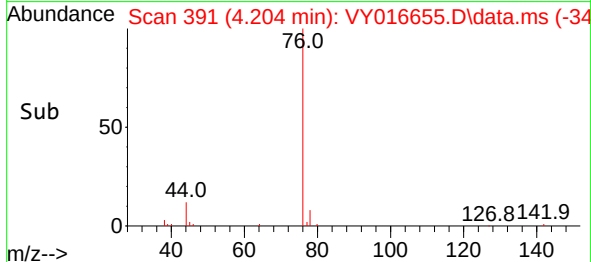
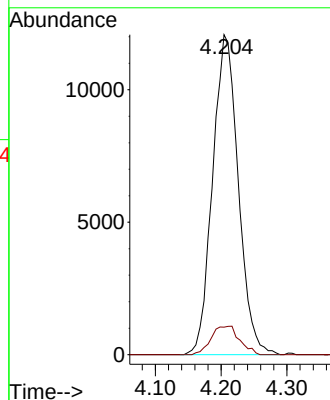
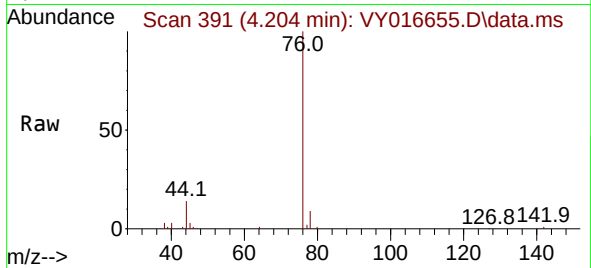
#17
Carbon Disulfide
Concen: 4.776 ug/l
RT: 4.204 min Scan# 391
Delta R.T. 0.000 min
Lab File: VY016655.D
Acq: 15 Dec 2023 15:05

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tgt Ion: 76 Resp: 3283
Ion Ratio Lower Upper
76 100
78 8.6 7.0 10.4

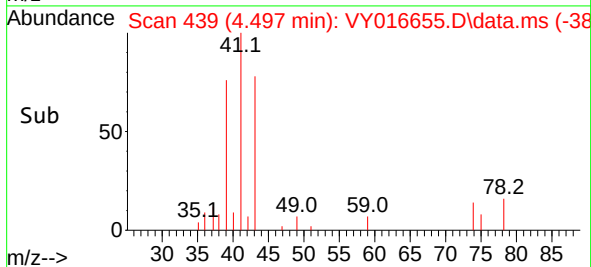
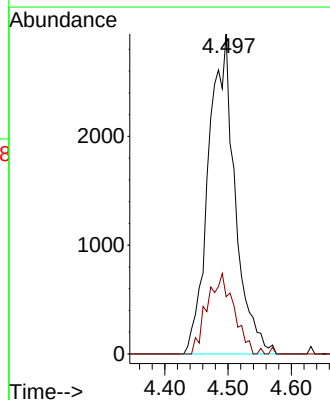
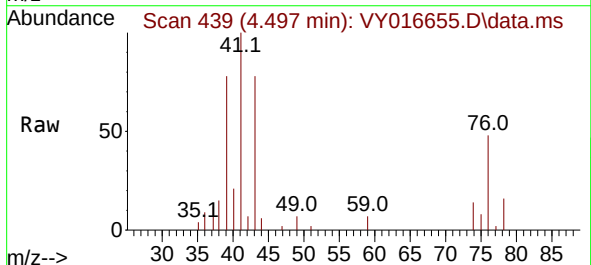
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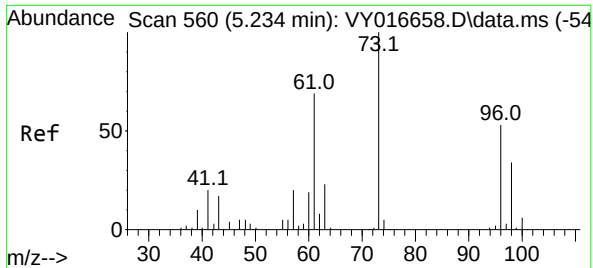
Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023



#18
Methyl Acetate
Concen: 4.695 ug/l
RT: 4.497 min Scan# 439
Delta R.T. 0.006 min
Lab File: VY016655.D
Acq: 15 Dec 2023 15:05

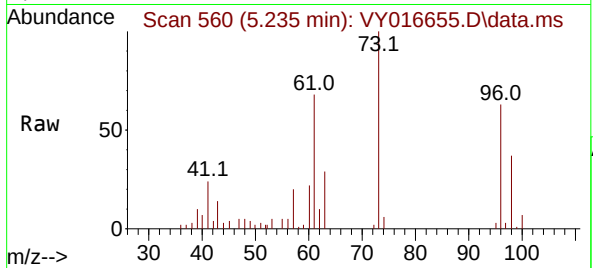
Tgt Ion: 43 Resp: 8585
Ion Ratio Lower Upper
43 100
74 25.1 17.4 26.0





#19
Methyl tert-butyl Ether
Concen: 4.269 ug/l
RT: 5.235 min Scan# 50
Delta R.T. 0.000 min
Lab File: VY016655.D
Acq: 15 Dec 2023 15:05

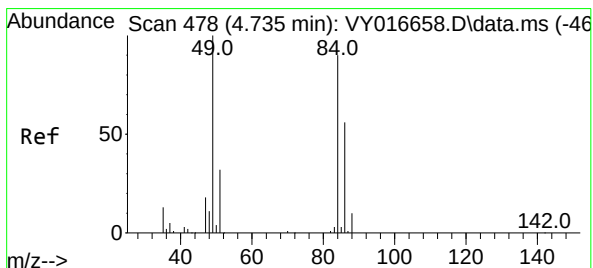
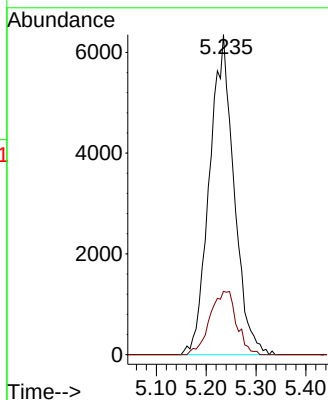
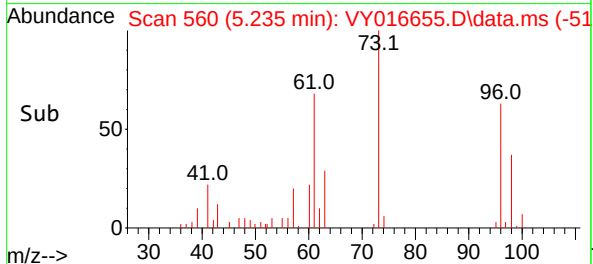
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005



Tgt Ion: 73 Resp: 21754
Ion Ratio Lower Upper
73 100
57 19.8 17.3 25.9

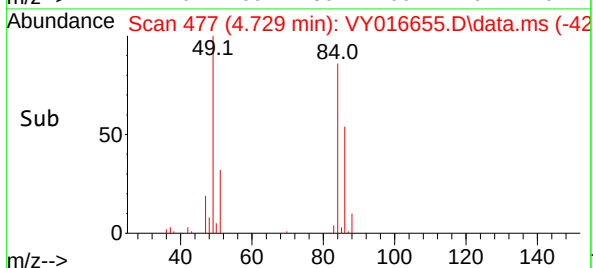
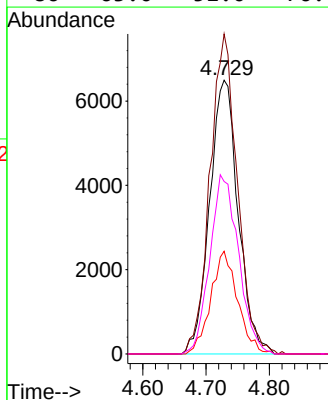
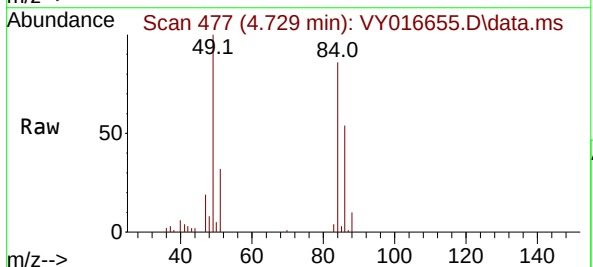
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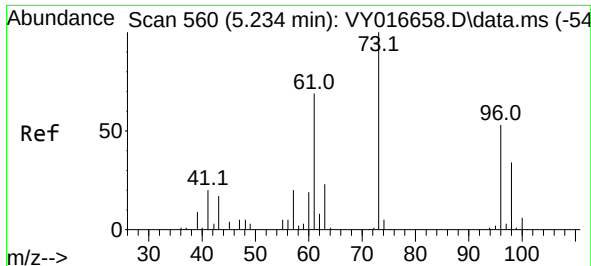
Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023



#20
Methylene Chloride
Concen: 3.397 ug/l
RT: 4.729 min Scan# 477
Delta R.T. -0.006 min
Lab File: VY016655.D
Acq: 15 Dec 2023 15:05

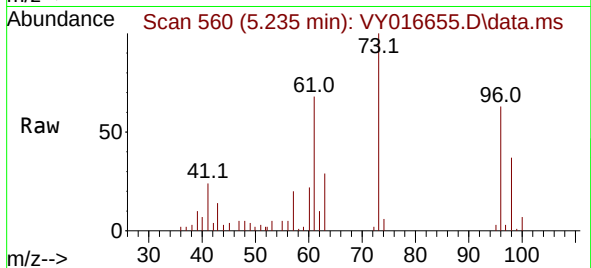
Tgt Ion: 84 Resp: 20374
Ion Ratio Lower Upper
84 100
49 116.9 106.9 160.3
51 37.5 33.2 49.8
86 63.0 51.0 76.6





#21
trans-1,2-Dichloroethene
Concen: 4.649 ug/l
RT: 5.235 min Scan# 560
Delta R.T. 0.000 min
Lab File: VY016655.D
Acq: 15 Dec 2023 15:05

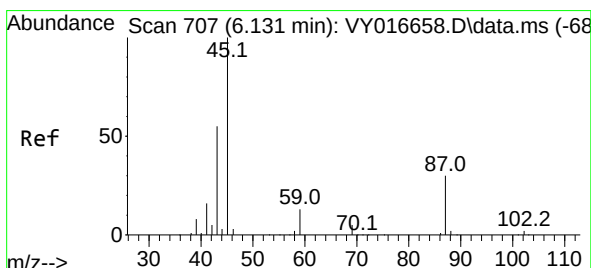
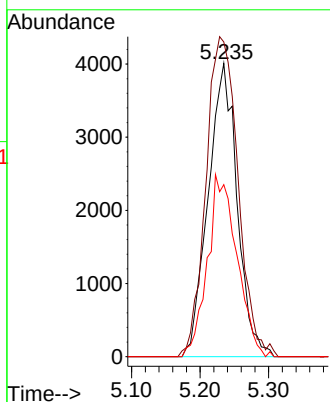
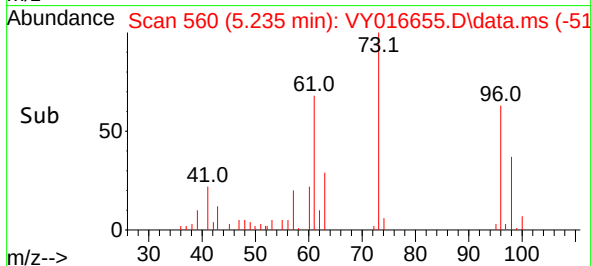
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005



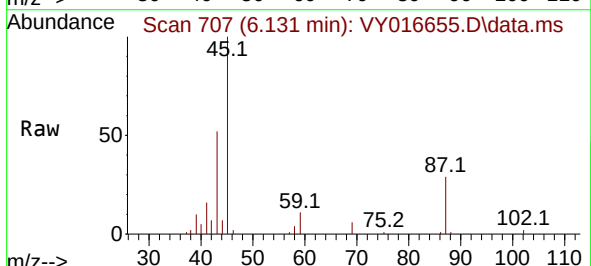
Tgt Ion: 96 Resp: 11772
Ion Ratio Lower Upper
96 100
61 107.3 110.2 165.4#
98 58.7 51.8 77.6

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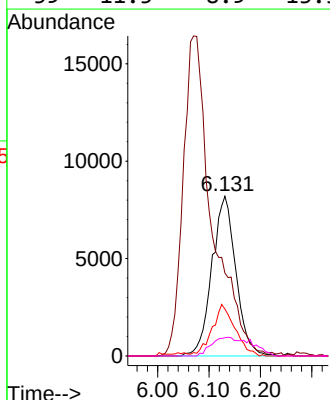
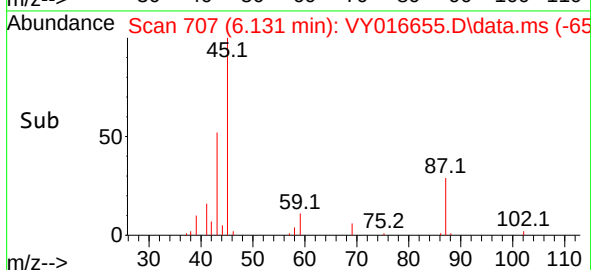
Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023

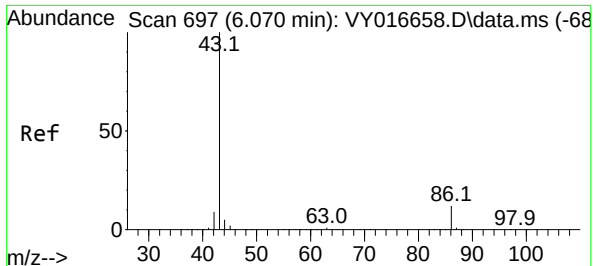


#22
Diisopropyl ether
Concen: 4.200 ug/l
RT: 6.131 min Scan# 707
Delta R.T. 0.000 min
Lab File: VY016655.D
Acq: 15 Dec 2023 15:05



Tgt Ion: 45 Resp: 26528
Ion Ratio Lower Upper
45 100
43 50.5 52.2 78.4#
87 29.4 21.0 31.6
59 11.5 8.9 13.3





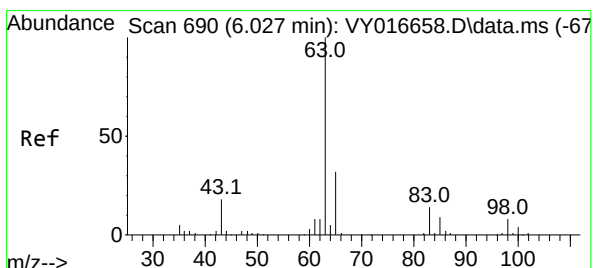
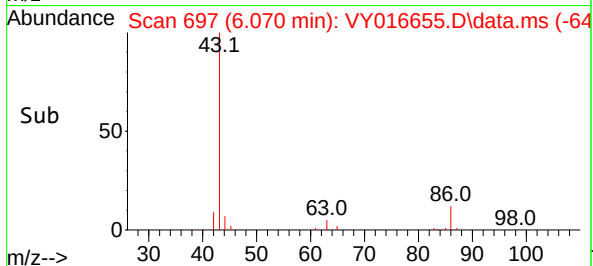
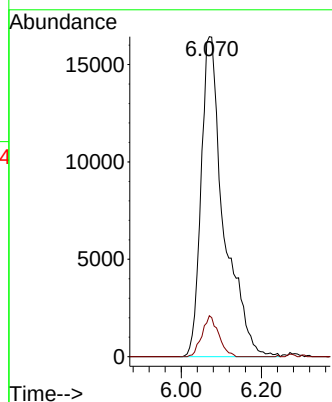
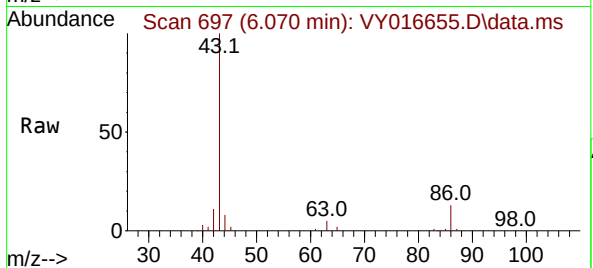
#23
 Vinyl Acetate
 Concen: 20.792 ug/l
 RT: 6.070 min Scan# 6470
 Delta R.T. 0.000 min
 Lab File: VY016655.D
 Acq: 15 Dec 2023 15:05

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC005

Tgt Ion: 43 Resp: 6470
 Ion Ratio Lower Upper
 43 100
 86 12.8 7.5 11.3

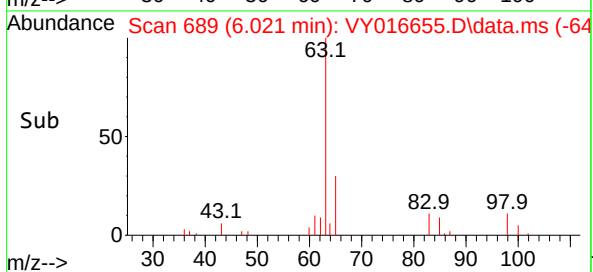
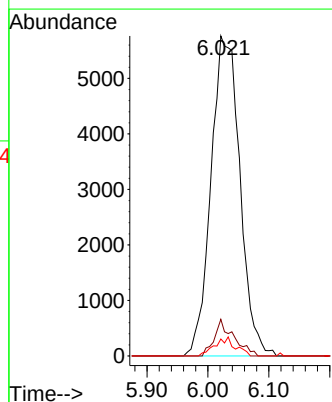
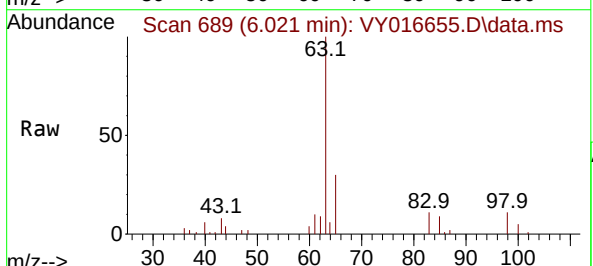
Manual Integrations
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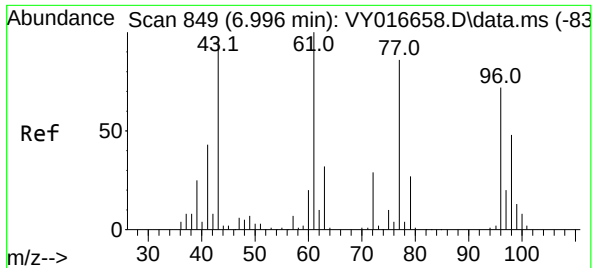
Reviewed By :Mahesh Dadoda 12/18/2023
 Supervised By :Semsettin Yesilyurt 12/18/2023



#24
 1,1-Dichloroethane
 Concen: 4.603 ug/l
 RT: 6.021 min Scan# 689
 Delta R.T. -0.006 min
 Lab File: VY016655.D
 Acq: 15 Dec 2023 15:05

Tgt Ion: 63 Resp: 18972
 Ion Ratio Lower Upper
 63 100
 98 11.4 3.1 9.4
 100 5.3 1.8 5.5





#25

2-Butanone

Concen: 19.852 ug/l

RT: 6.997 min Scan# 849

Delta R.T. 0.001 min

Lab File: VY016655.D

Acq: 15 Dec 2023 15:05

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

Tgt Ion: 43 Resp: 21930

Ion Ratio Lower Upper

43 100

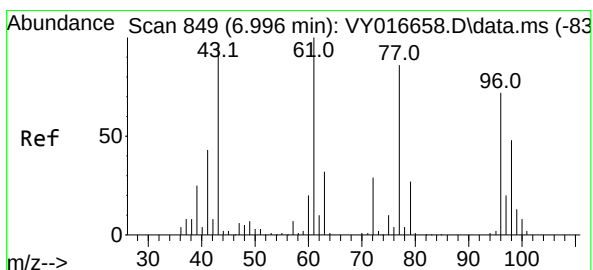
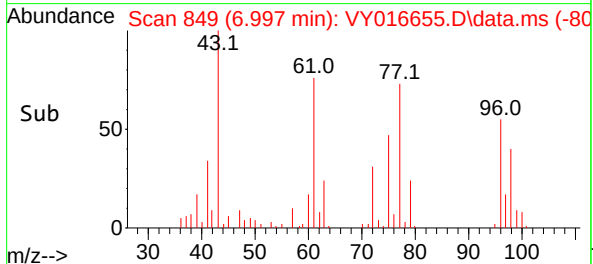
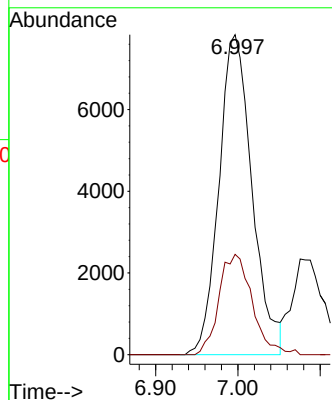
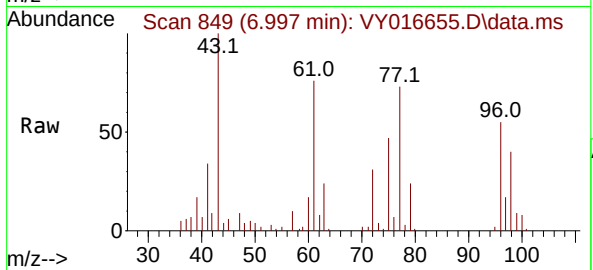
72 31.3 20.5 30.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/18/2023

Supervised By :Semsettin Yesilyurt 12/18/2023



#26

2,2-Dichloropropane

Concen: 4.794 ug/l

RT: 6.997 min Scan# 849

Delta R.T. 0.000 min

Lab File: VY016655.D

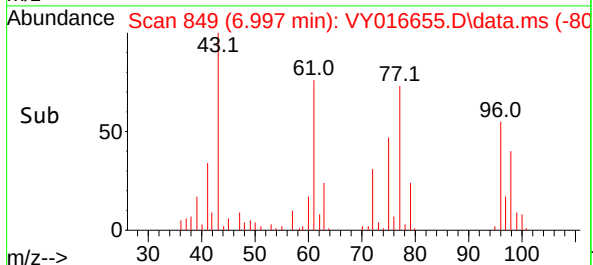
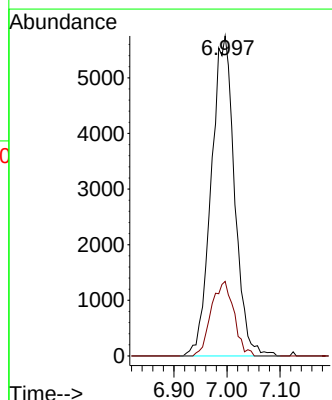
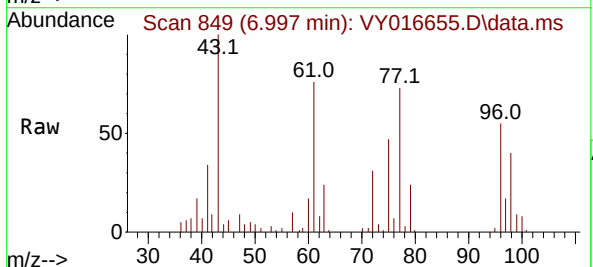
Acq: 15 Dec 2023 15:05

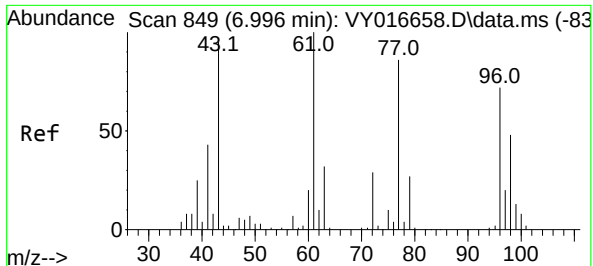
Tgt Ion: 77 Resp: 17544

Ion Ratio Lower Upper

77 100

97 22.7 10.9 32.9





#27

cis-1,2-Dichloroethene

Concen: 4.457 ug/l

RT: 6.990 min Scan# 849

Delta R.T. -0.006 min

Lab File: VY016655.D

Acq: 15 Dec 2023 15:05

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

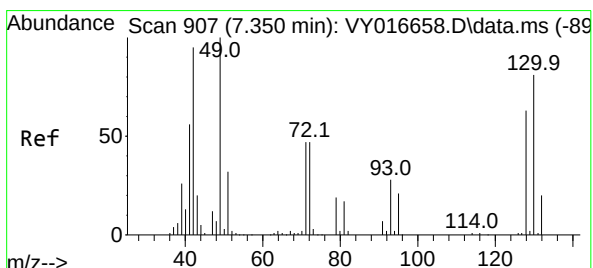
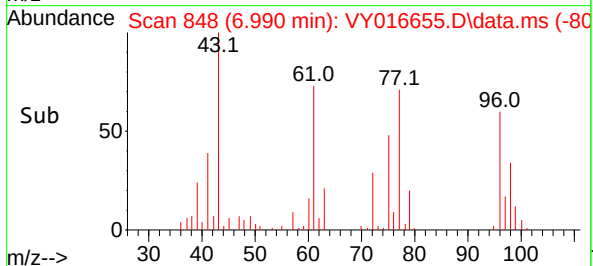
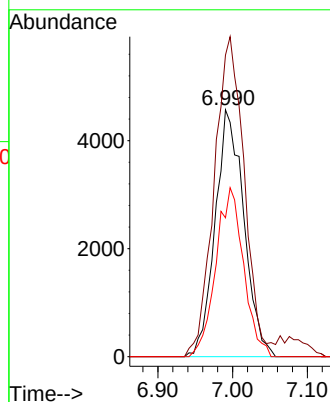
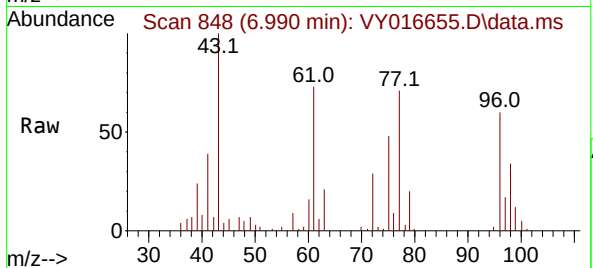
Tgt Ion: 96 Resp: 12190

Ion	Ratio	Lower	Upper
96	100		
61	136.4	0.0	301.4
98	66.2	0.0	130.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023



#28

Bromochloromethane

Concen: 5.413 ug/l

RT: 7.344 min Scan# 906

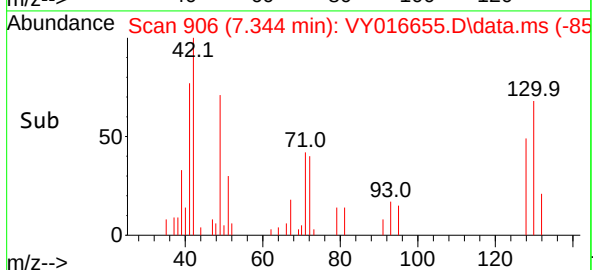
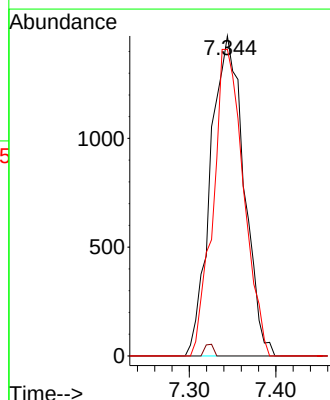
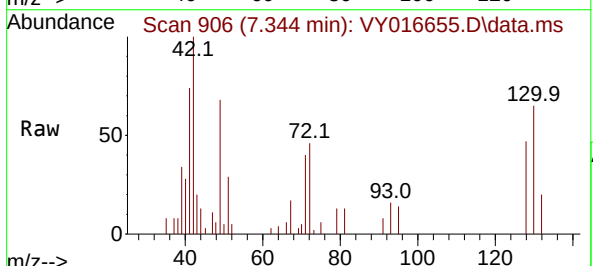
Delta R.T. -0.006 min

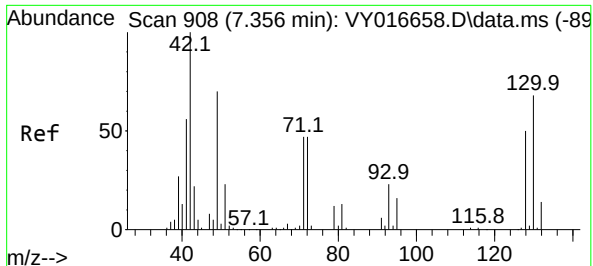
Lab File: VY016655.D

Acq: 15 Dec 2023 15:05

Tgt Ion: 49 Resp: 3937

Ion	Ratio	Lower	Upper
49	100		
129	1.0	0.0	4.6
130	87.6	60.7	91.1





#29

Tetrahydrofuran

Concen: 21.563 ug/l

RT: 7.362 min Scan# 908

Delta R.T. 0.006 min

Lab File: VY016655.D

Acq: 15 Dec 2023 15:05

Instrument :

MSVOA_Y

ClientSampleId :

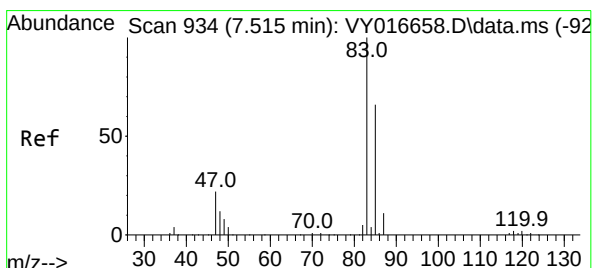
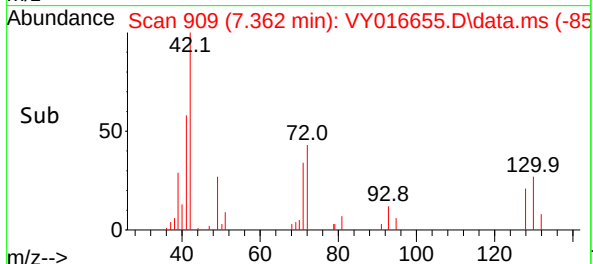
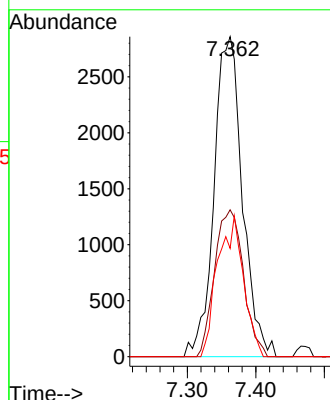
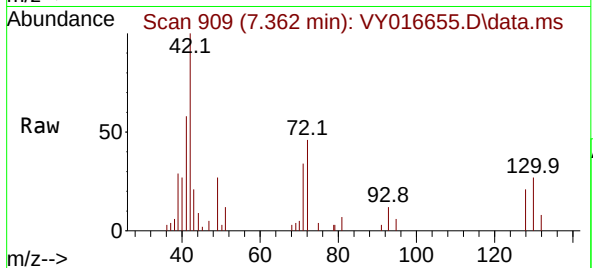
VSTDICC005

Tgt Ion: 42	Resp: 820
Ion Ratio	Lower Upper
42	100
72	46.6 32.8 49.2
71	40.2 31.0 46.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023



#30

Chloroform

Concen: 4.709 ug/l

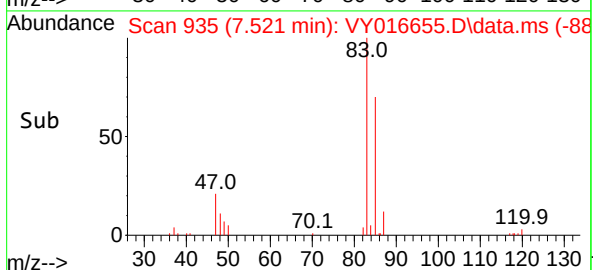
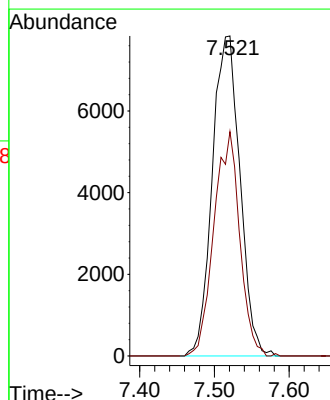
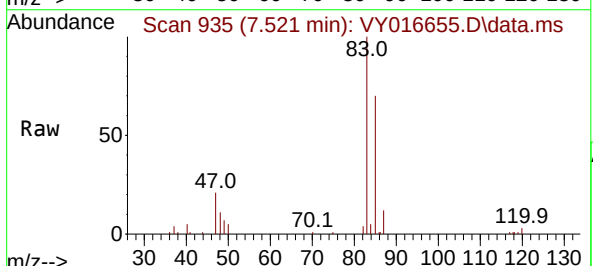
RT: 7.521 min Scan# 935

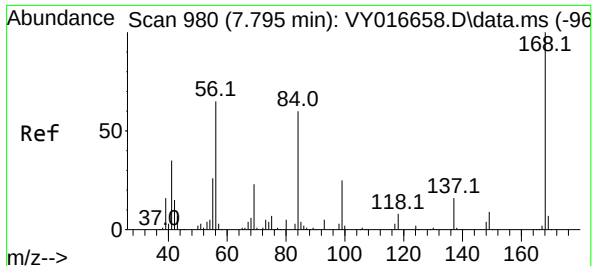
Delta R.T. 0.006 min

Lab File: VY016655.D

Acq: 15 Dec 2023 15:05

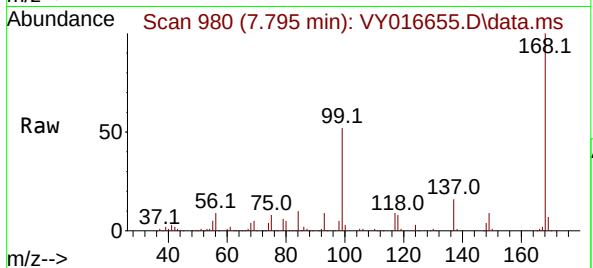
Tgt Ion: 83	Resp: 20186
Ion Ratio	Lower Upper
83	100
85	70.1 49.7 74.5





#31
Cyclohexane
Concen: 5.196 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY016655.D
Acq: 15 Dec 2023 15:05

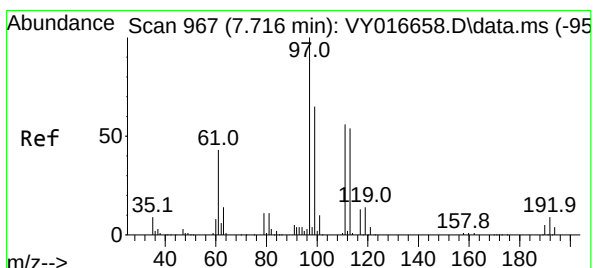
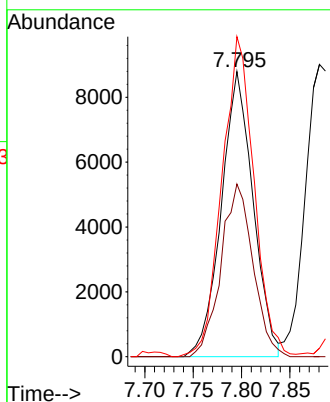
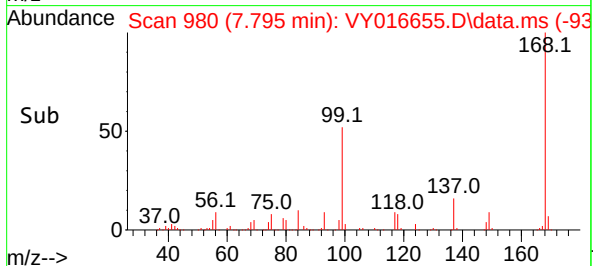
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005



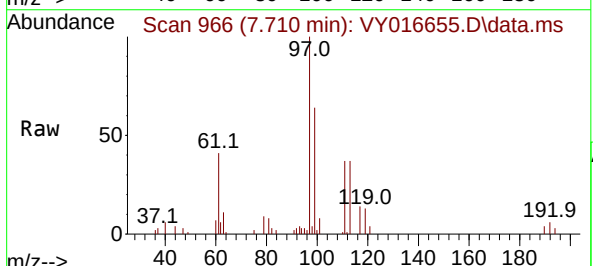
Tgt Ion: 56 Resp: 2008
Ion Ratio Lower Upper
56 100
69 60.5 27.8 41.6
84 112.2 66.4 99.6

Manual Integrations
APPROVED

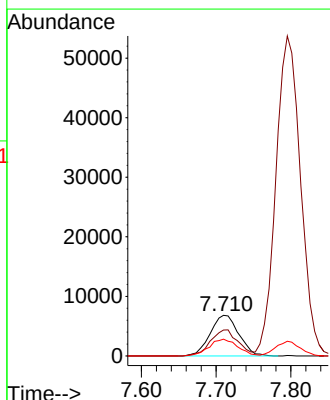
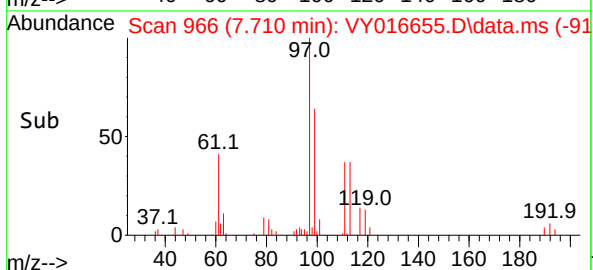
Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023

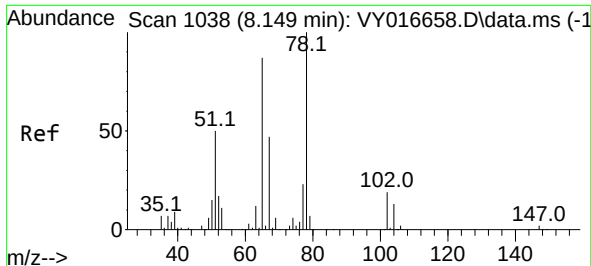


#32
1,1,1-Trichloroethane
Concen: 4.712 ug/l
RT: 7.710 min Scan# 966
Delta R.T. -0.006 min
Lab File: VY016655.D
Acq: 15 Dec 2023 15:05



Tgt Ion: 97 Resp: 18121
Ion Ratio Lower Upper
97 100
99 62.6 50.8 76.2
61 41.6 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 4.822 ug/l

RT: 8.155 min Scan# 1038

Delta R.T. 0.006 min

Lab File: VY016655.D

Acq: 15 Dec 2023 15:05

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

Tgt Ion: 65 Resp: 884

Ion Ratio Lower Upper

65 100

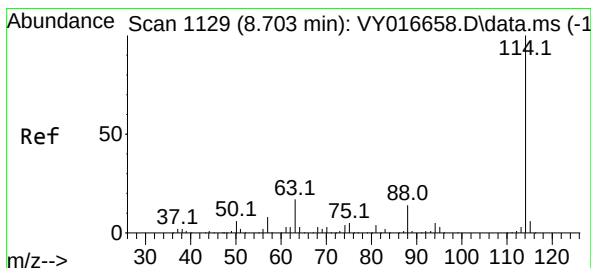
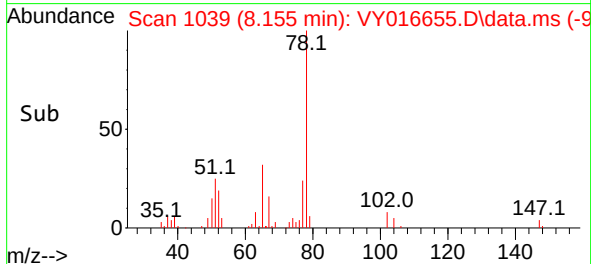
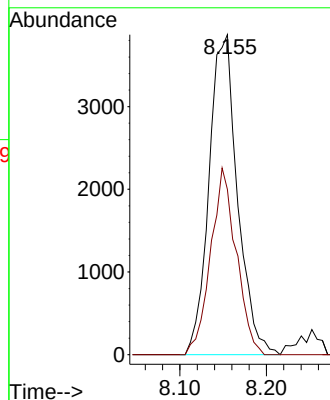
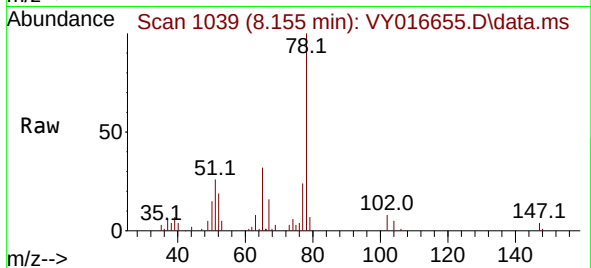
67 52.6 0.0 101.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/18/2023

Supervised By :Semsettin Yesilyurt 12/18/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. -0.006 min

Lab File: VY016655.D

Acq: 15 Dec 2023 15:05

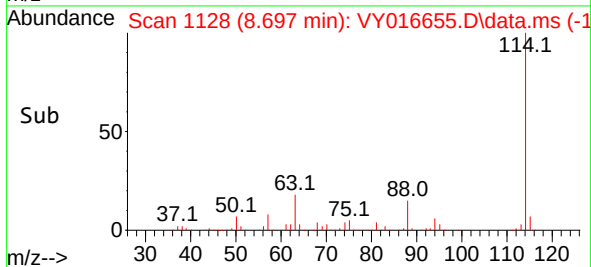
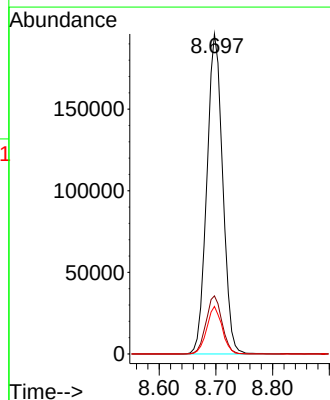
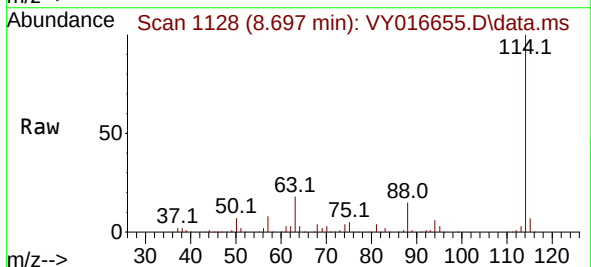
Tgt Ion:114 Resp: 380414

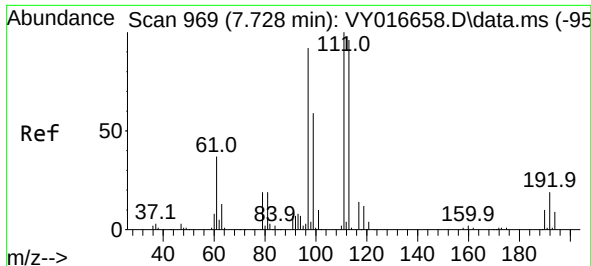
Ion Ratio Lower Upper

114 100

63 18.1 0.0 42.4

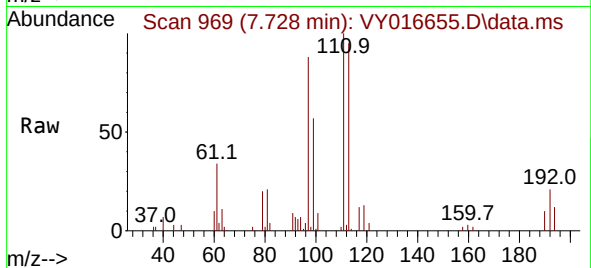
88 14.9 0.0 30.6





#35
Dibromofluoromethane
Concen: 5.110 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY016655.D
Acq: 15 Dec 2023 15:05

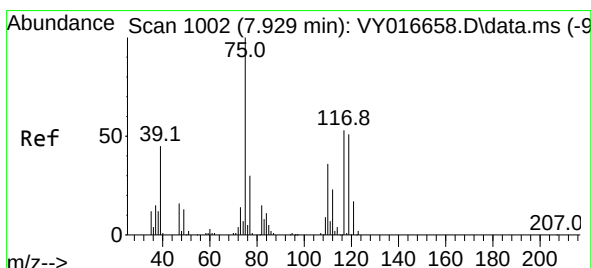
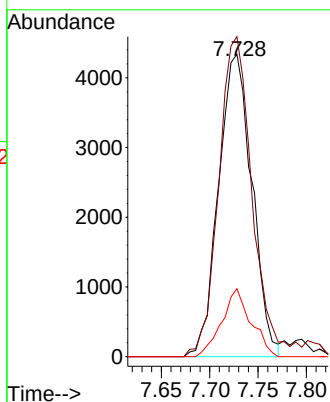
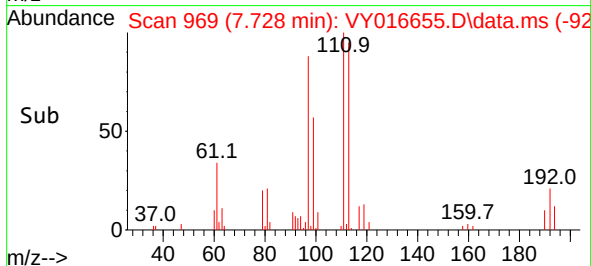
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005



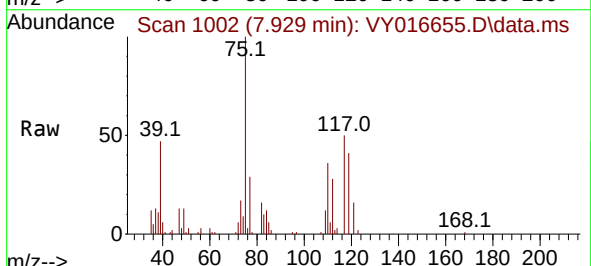
Tgt Ion: 113 Resp: 10420
Ion Ratio Lower Upper
113 100
111 104.9 81.3 121.9
192 19.6 16.9 25.3

Manual Integrations
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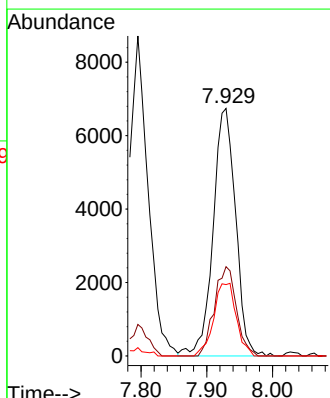
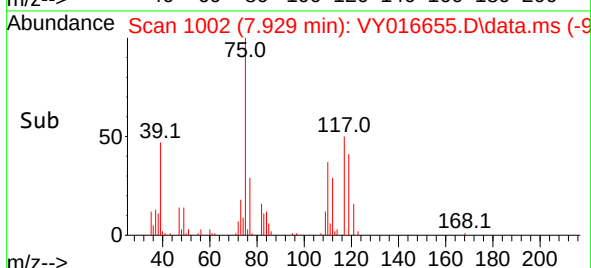
Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023

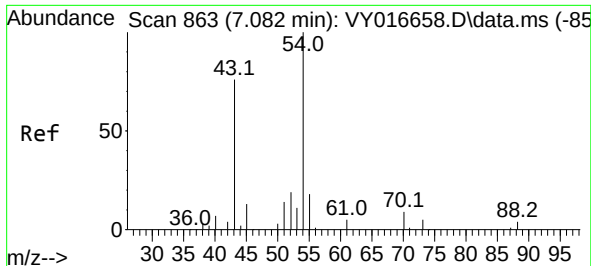


#36
1,1-Dichloropropene
Concen: 4.759 ug/l
RT: 7.929 min Scan# 1002
Delta R.T. 0.000 min
Lab File: VY016655.D
Acq: 15 Dec 2023 15:05



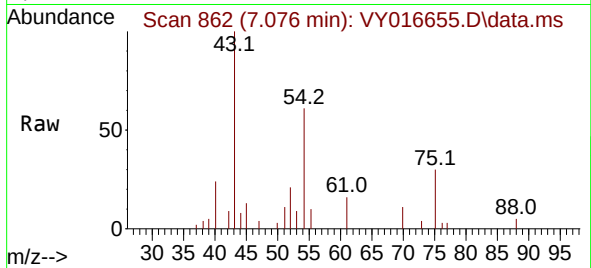
Tgt Ion: 75 Resp: 16085
Ion Ratio Lower Upper
75 100
110 35.2 17.8 53.5
77 29.5 24.4 36.6





#37
Ethyl Acetate
Concen: 4.907 ug/l
RT: 7.076 min Scan# 862
Delta R.T. -0.006 min
Lab File: VY016655.D
Acq: 15 Dec 2023 15:05

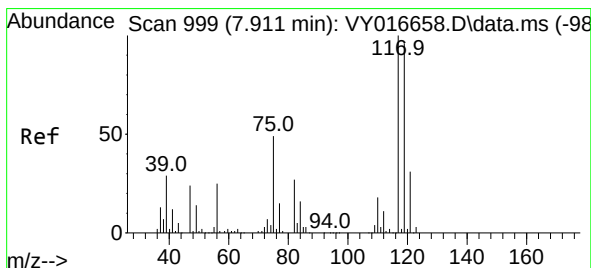
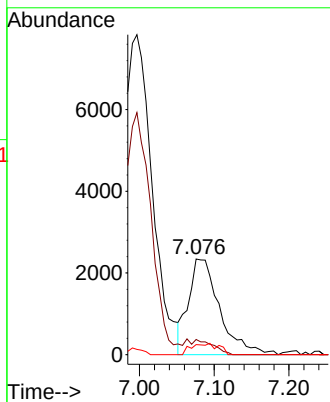
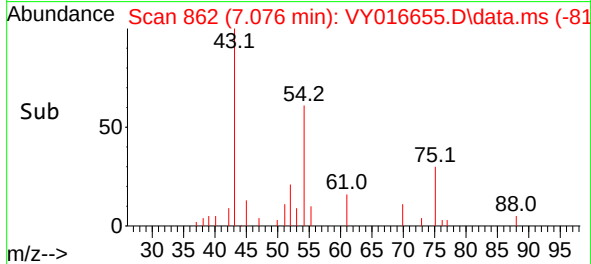
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005



Tgt Ion: 43 Resp: 6834
Ion Ratio Lower Upper
43 100
61 0.0 10.1 15.1
70 10.3 7.1 10.7

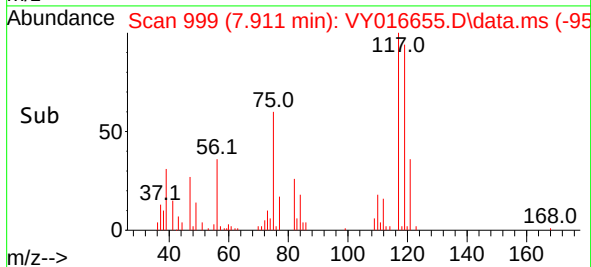
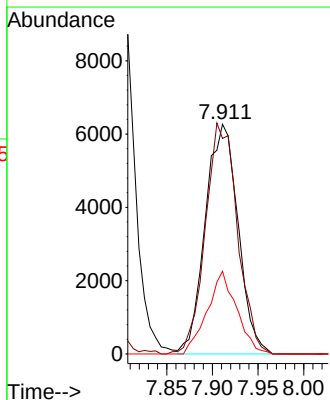
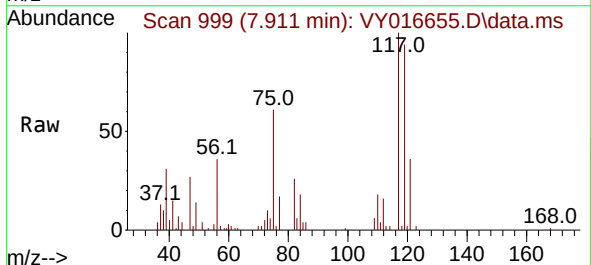
Manual Integrations
APPROVED

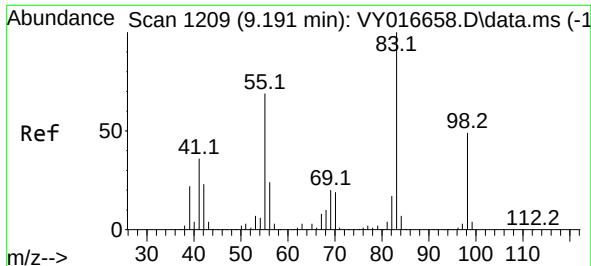
Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023



#38
Carbon Tetrachloride
Concen: 4.608 ug/l
RT: 7.911 min Scan# 999
Delta R.T. 0.000 min
Lab File: VY016655.D
Acq: 15 Dec 2023 15:05

Tgt Ion:117 Resp: 15642
Ion Ratio Lower Upper
117 100
119 93.8 76.4 114.6
121 36.0 25.8 38.6





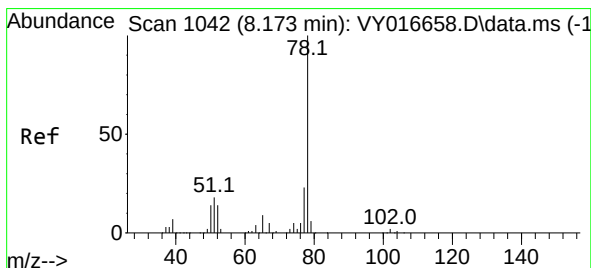
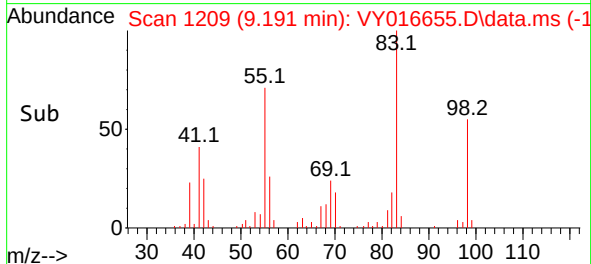
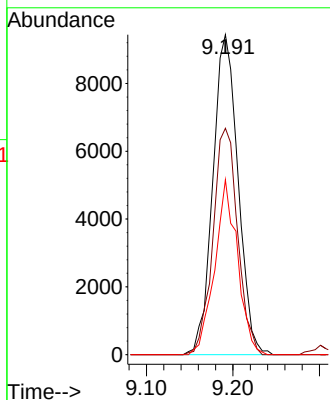
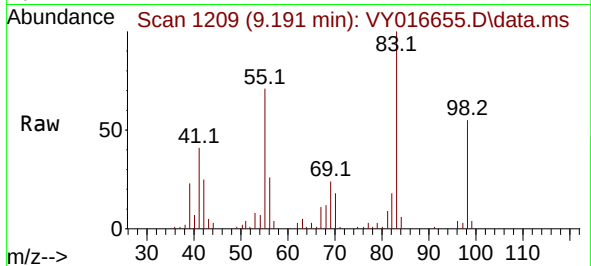
#39
Methylcyclohexane
Concen: 4.488 ug/l
RT: 9.191 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY016655.D
Acq: 15 Dec 2023 15:05

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tgt Ion: 83 Resp: 1906
Ion Ratio Lower Upper
83 100
55 70.8 63.0 94.4
98 54.7 37.4 56.2

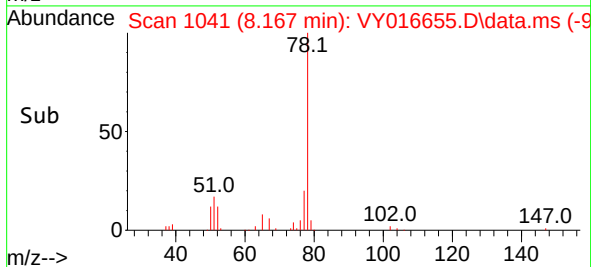
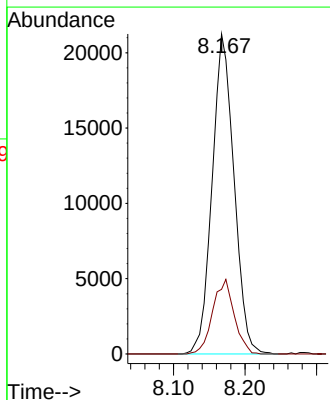
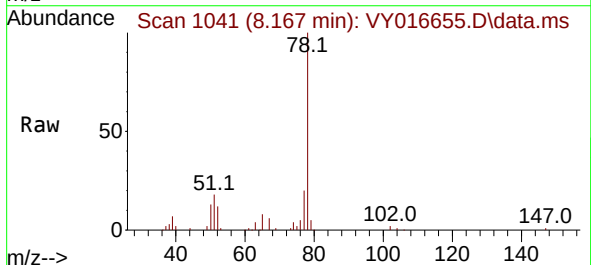
Manual Integrations
APPROVED

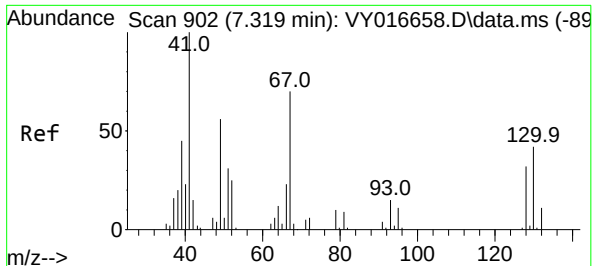
Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023



#40
Benzene
Concen: 4.555 ug/l
RT: 8.167 min Scan# 1041
Delta R.T. -0.006 min
Lab File: VY016655.D
Acq: 15 Dec 2023 15:05

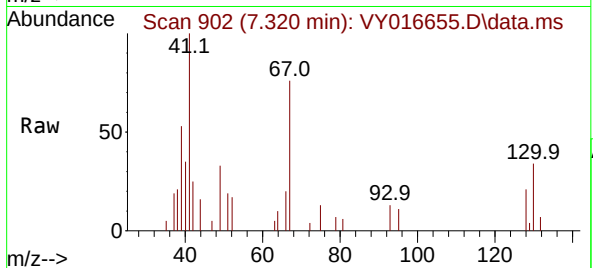
Tgt Ion: 78 Resp: 45121
Ion Ratio Lower Upper
78 100
77 20.2 19.0 28.6





#41
Methacrylonitrile
Concen: 4.780 ug/l m
RT: 7.320 min Scan# 902
Delta R.T. 0.000 min
Lab File: VY016655.D
Acq: 15 Dec 2023 15:05

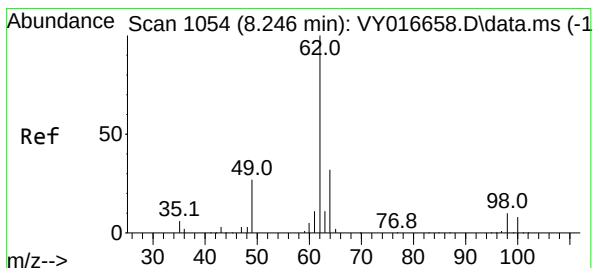
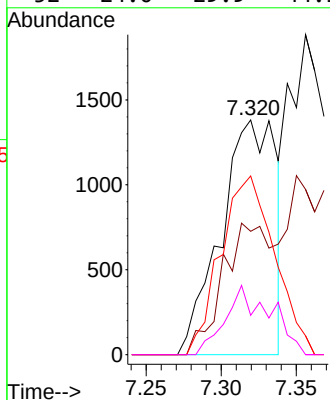
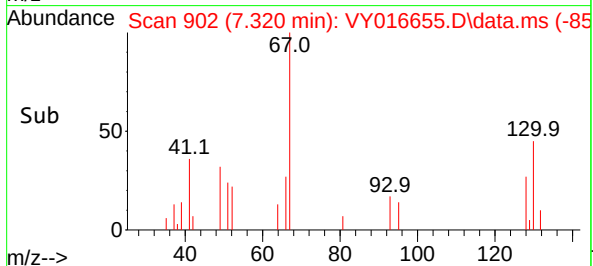
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005



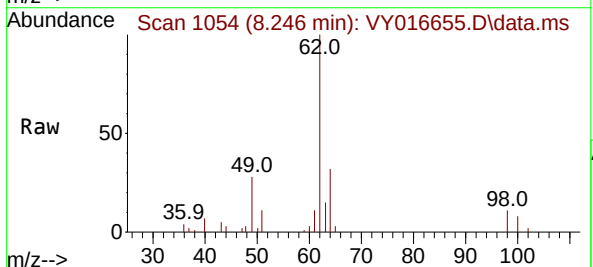
Tgt Ion: 41 Resp: 353
Ion Ratio Lower Upper
41 100
39 45.9 52.1 78.1
67 74.5 66.2 99.2
52 24.0 29.9 44.9

Manual Integrations
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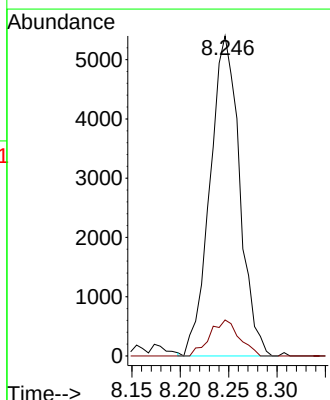
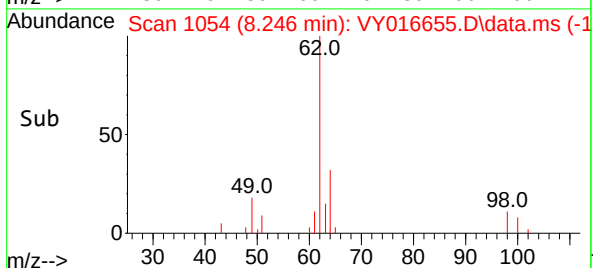
Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023

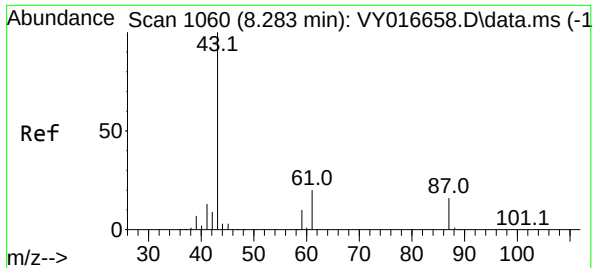


#42
1,2-Dichloroethane
Concen: 4.529 ug/l
RT: 8.246 min Scan# 1054
Delta R.T. 0.000 min
Lab File: VY016655.D
Acq: 15 Dec 2023 15:05



Tgt Ion: 62 Resp: 11465
Ion Ratio Lower Upper
62 100
98 11.2 0.0 15.8





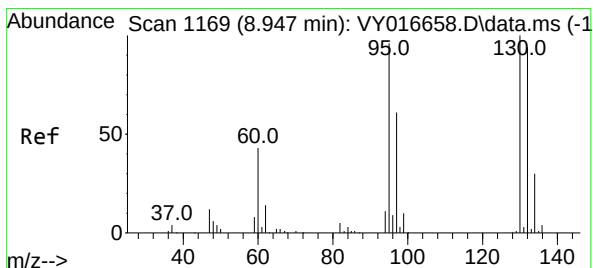
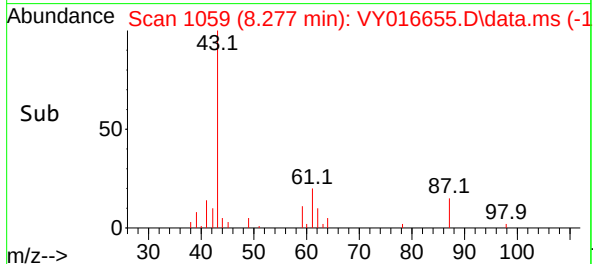
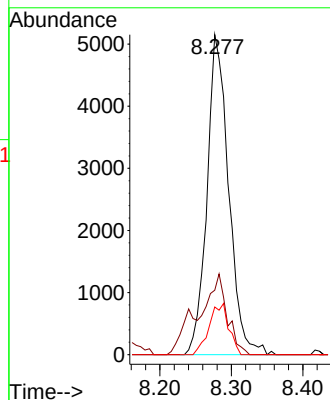
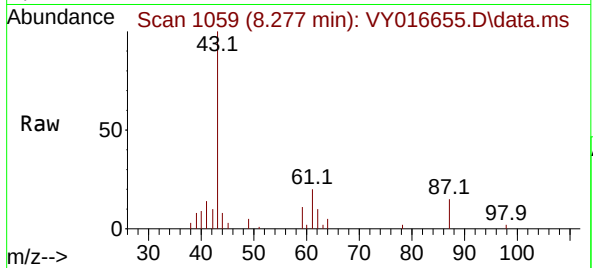
#43
Isopropyl Acetate
Concen: 4.245 ug/l
RT: 8.277 min Scan# 1059
Delta R.T. -0.006 min
Lab File: VY016655.D
Acq: 15 Dec 2023 15:05

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tgt Ion: 43 Resp: 1086
Ion Ratio Lower Upper
43 100
61 23.7 21.1 31.7
87 14.4 9.8 14.8

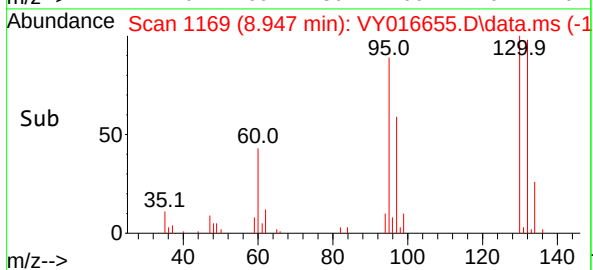
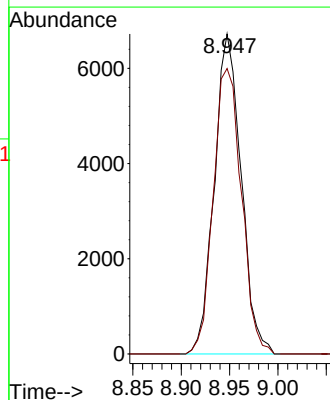
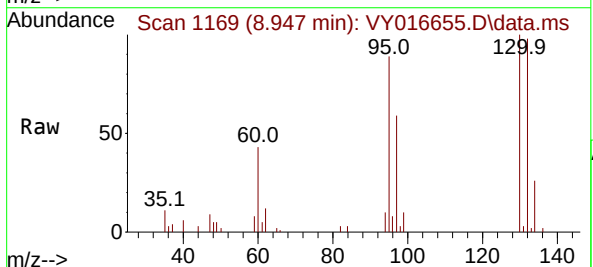
Manual Integrations
APPROVED

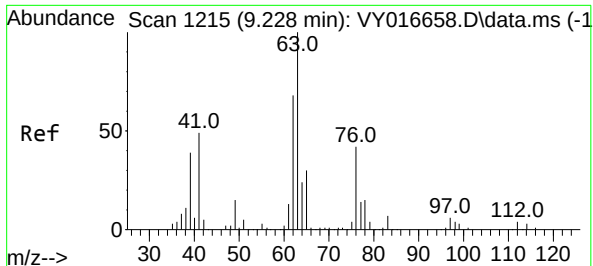
Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023



#44
Trichloroethene
Concen: 4.697 ug/l
RT: 8.947 min Scan# 1169
Delta R.T. 0.000 min
Lab File: VY016655.D
Acq: 15 Dec 2023 15:05

Tgt Ion:130 Resp: 12957
Ion Ratio Lower Upper
130 100
95 89.2 0.0 196.0





#45

1,2-Dichloropropane

Concen: 4.535 ug/l

RT: 9.216 min Scan# 1213

Delta R.T. -0.012 min

Lab File: VY016655.D

Acq: 15 Dec 2023 15:05

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC005

Tgt Ion: 63 Resp: 1049

Ion Ratio Lower Upper

63 100

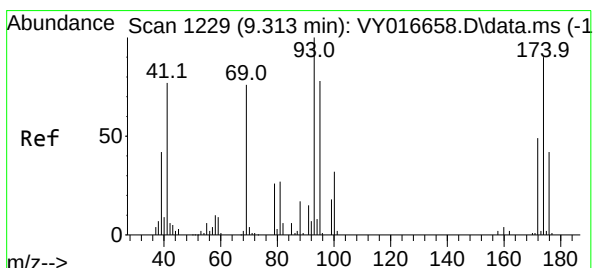
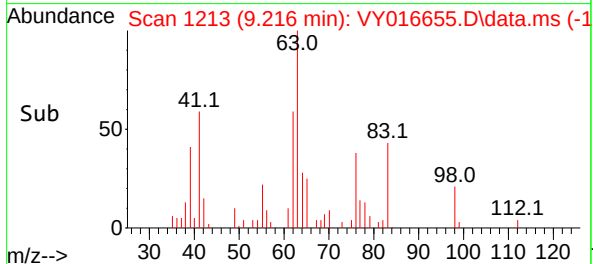
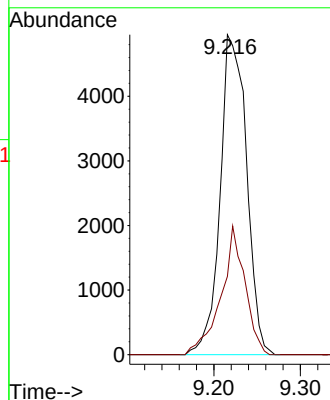
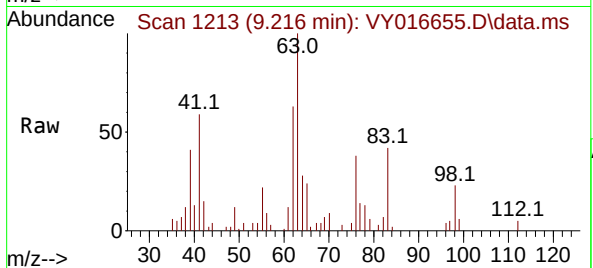
65 24.4 23.8 35.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/18/2023

Supervised By :Semsettin Yesilyurt 12/18/2023



#46

Dibromomethane

Concen: 4.356 ug/l

RT: 9.313 min Scan# 1229

Delta R.T. 0.000 min

Lab File: VY016655.D

Acq: 15 Dec 2023 15:05

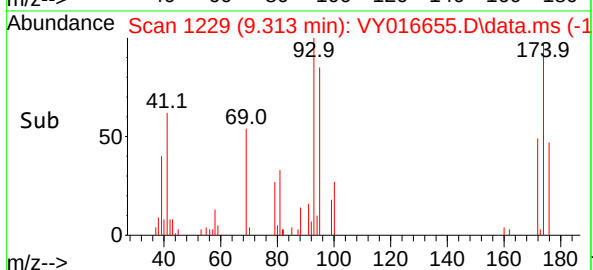
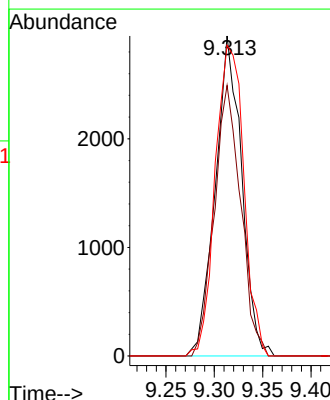
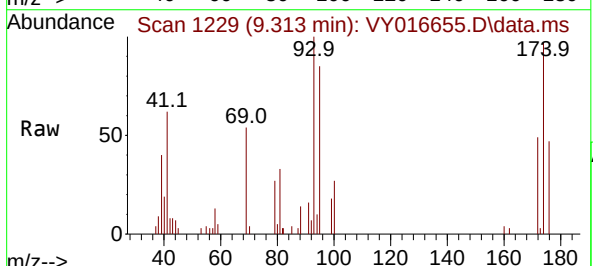
Tgt Ion: 93 Resp: 5574

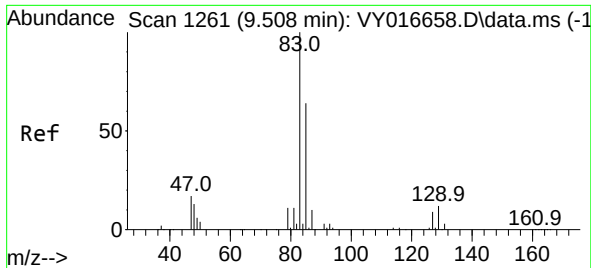
Ion Ratio Lower Upper

93 100

95 85.0 66.6 100.0

174 105.3 84.8 127.2





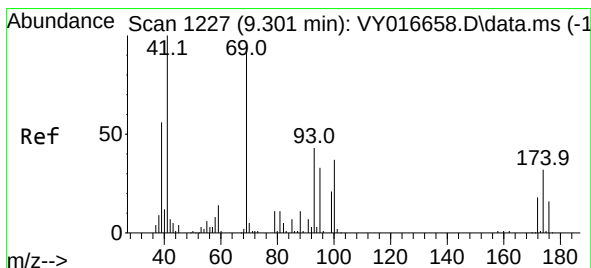
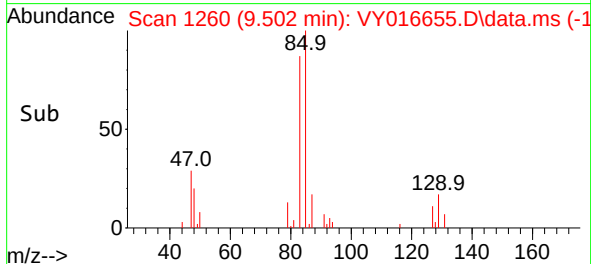
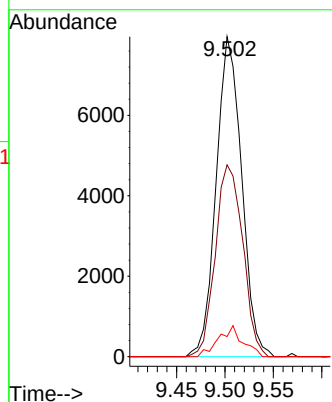
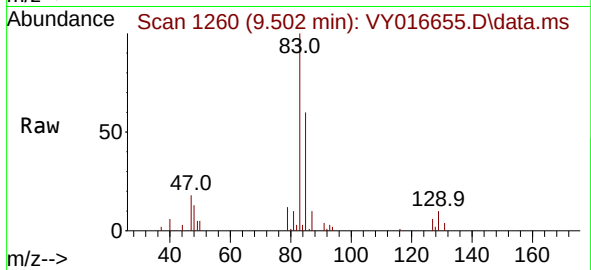
#47
Bromodichloromethane
Concen: 4.506 ug/l
RT: 9.502 min Scan# 1260
Delta R.T. -0.006 min
Lab File: VY016655.D
Acq: 15 Dec 2023 15:05

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tgt Ion: 83 Resp: 1456
Ion Ratio Lower Upper
83 100
85 59.9 50.1 75.1
127 6.3 7.1 10.7

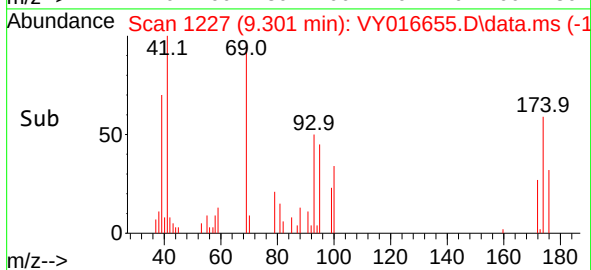
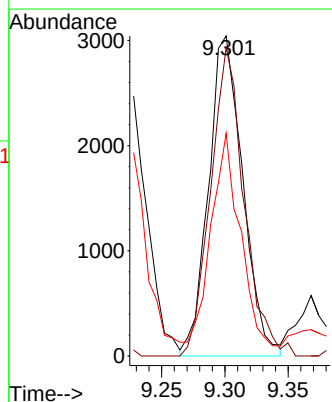
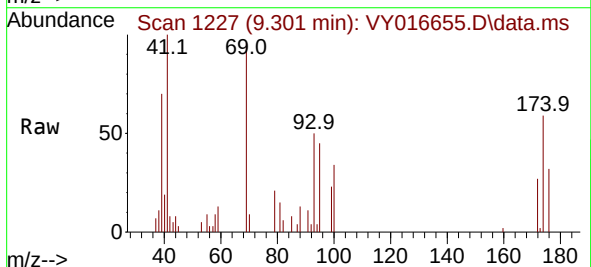
Manual Integrations
APPROVED

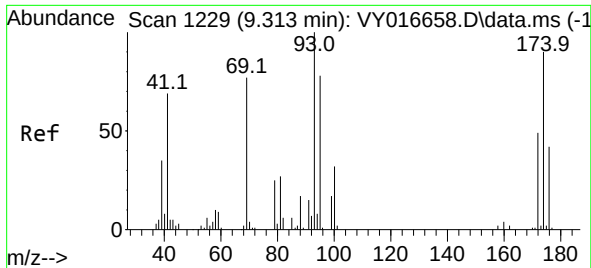
Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023



#48
Methyl methacrylate
Concen: 4.048 ug/l
RT: 9.301 min Scan# 1227
Delta R.T. 0.000 min
Lab File: VY016655.D
Acq: 15 Dec 2023 15:05

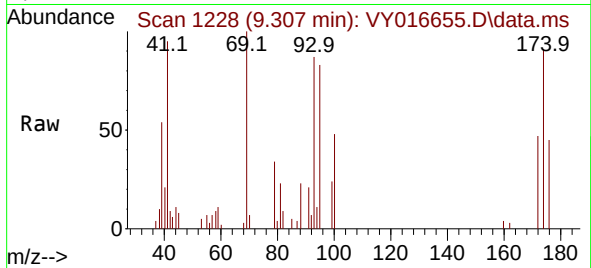
Tgt Ion: 41 Resp: 5737
Ion Ratio Lower Upper
41 100
69 94.3 64.5 96.7
39 56.8 50.8 76.2





#49
1,4-Dioxane
Concen: 85.420 ug/l
RT: 9.307 min Scan# 1228
Delta R.T. -0.006 min
Lab File: VY016655.D
Acq: 15 Dec 2023 15:05

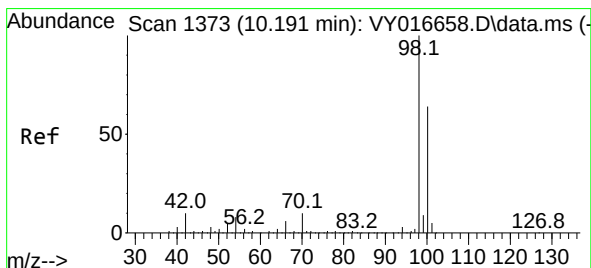
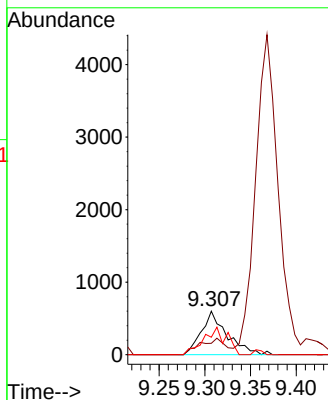
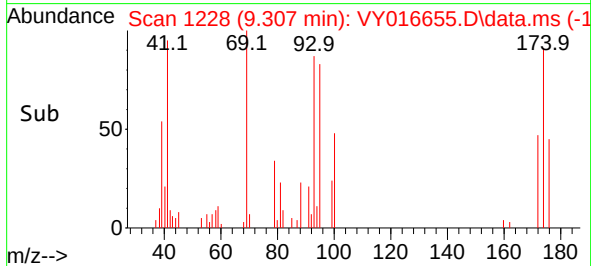
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005



Tgt Ion: 88 Resp: 117
Ion Ratio Lower Upper
88 100
43 38.3 0.0 0.0
58 56.4 30.9 46.3

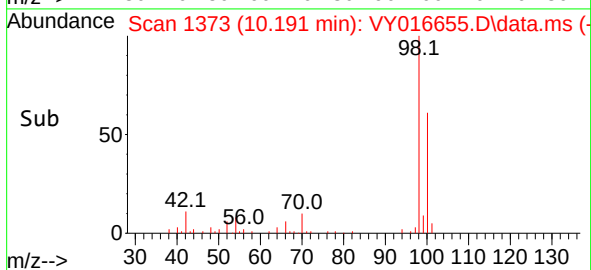
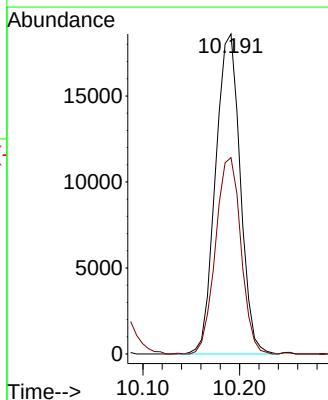
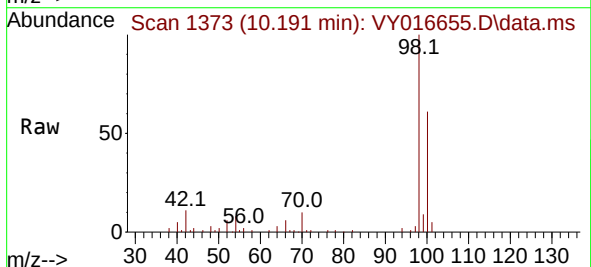
Manual Integrations
APPROVED

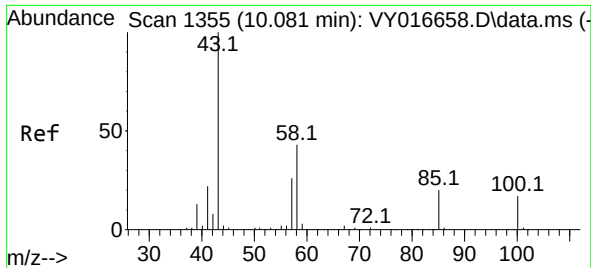
Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023



#50
Toluene-d8
Concen: 5.996 ug/l
RT: 10.191 min Scan# 1373
Delta R.T. 0.000 min
Lab File: VY016655.D
Acq: 15 Dec 2023 15:05

Tgt Ion: 98 Resp: 32933
Ion Ratio Lower Upper
98 100
100 63.1 50.1 75.1





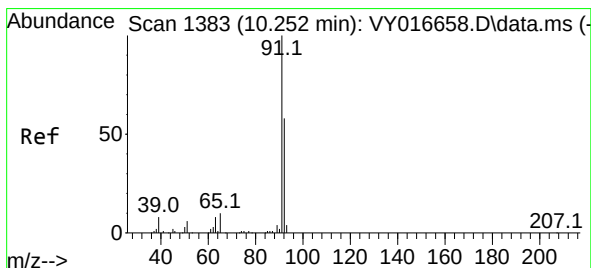
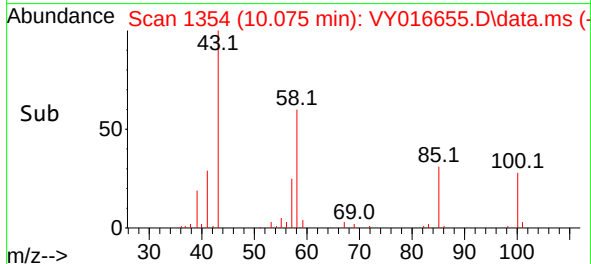
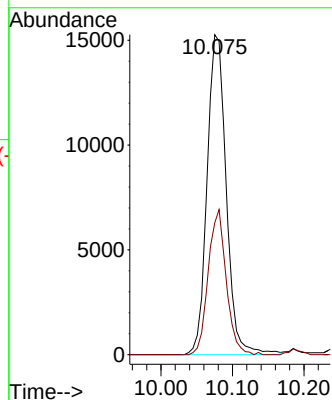
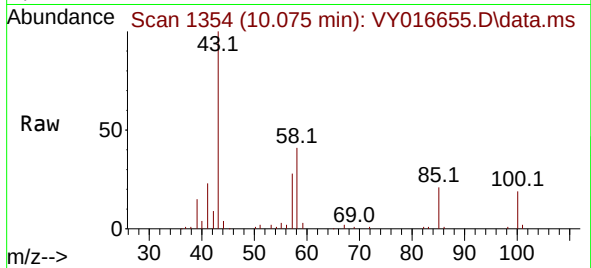
#51
4-Methyl-2-Pentanone
Concen: 21.193 ug/l
RT: 10.075 min Scan# 1354
Delta R.T. -0.006 min
Lab File: VY016655.D
Acq: 15 Dec 2023 15:05

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Tgt Ion: 43 Resp: 2845
Ion Ratio Lower Upper
43 100
58 42.5 29.0 43.6

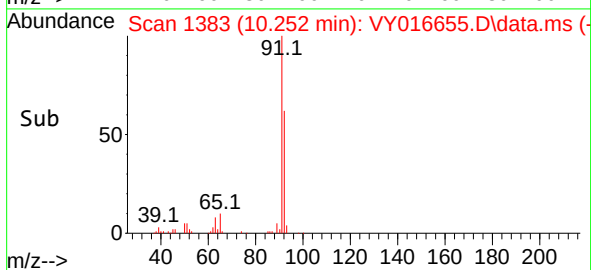
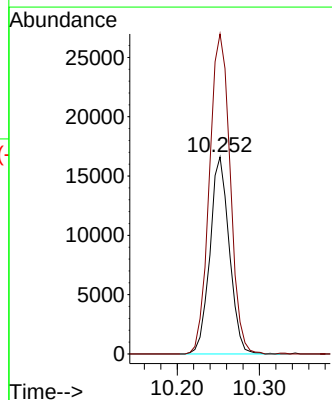
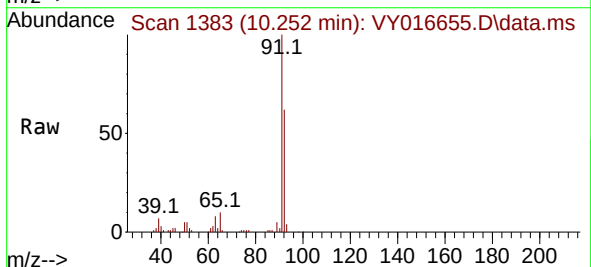
Manual Integrations
APPROVED

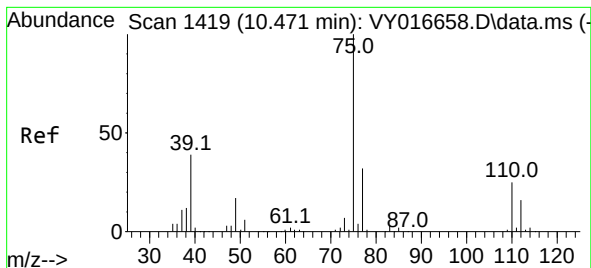
Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023



#52
Toluene
Concen: 4.365 ug/l
RT: 10.252 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VY016655.D
Acq: 15 Dec 2023 15:05

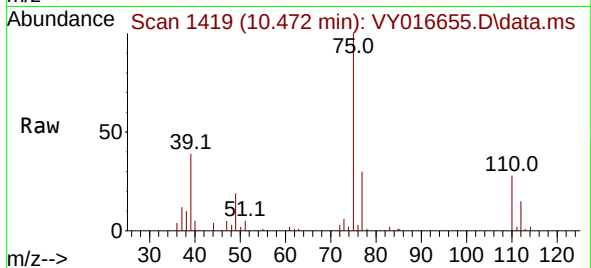
Tgt Ion: 92 Resp: 27082
Ion Ratio Lower Upper
92 100
91 174.5 143.8 215.6





#53
t-1,3-Dichloropropene
Concen: 4.190 ug/l
RT: 10.472 min Scan# 1419
Delta R.T. 0.000 min
Lab File: VY016655.D
Acq: 15 Dec 2023 15:05

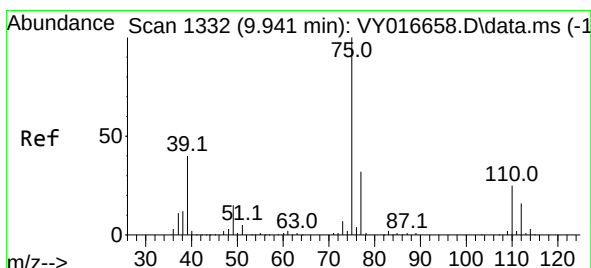
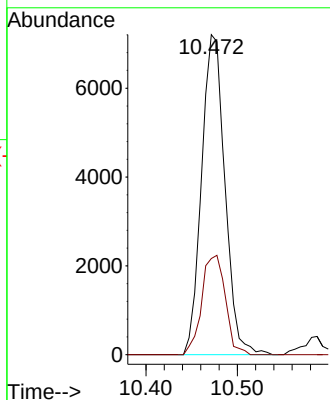
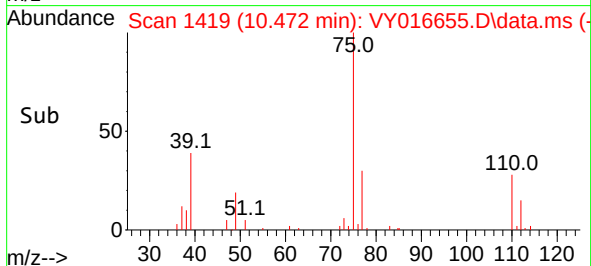
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005



Tgt Ion: 75 Resp: 1278
Ion Ratio Lower Upper
75 100
77 30.1 25.0 37.4

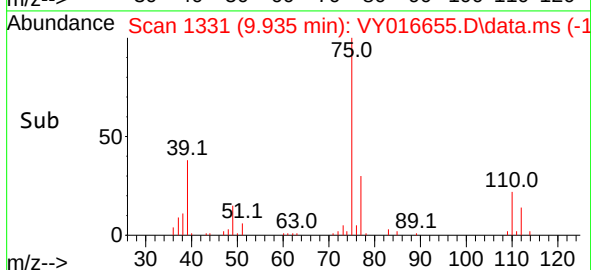
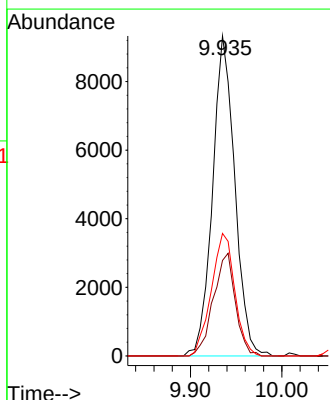
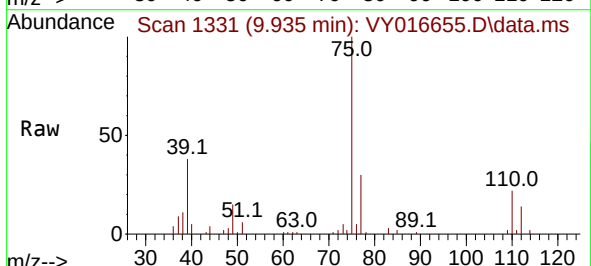
Manual Integrations
APPROVED

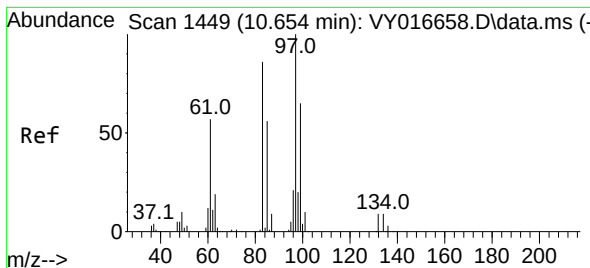
Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023



#54
cis-1,3-Dichloropropene
Concen: 4.300 ug/l
RT: 9.935 min Scan# 1331
Delta R.T. -0.006 min
Lab File: VY016655.D
Acq: 15 Dec 2023 15:05

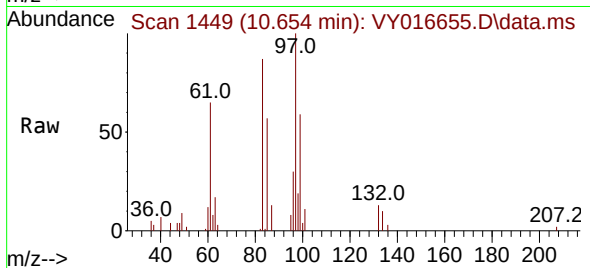
Tgt Ion: 75 Resp: 15772
Ion Ratio Lower Upper
75 100
77 29.9 24.2 36.4
39 38.3 42.2 63.4#





#55
1,1,2-Trichloroethane
Concen: 4.559 ug/l
RT: 10.654 min Scan# 1449
Delta R.T. 0.000 min
Lab File: VY016655.D
Acq: 15 Dec 2023 15:05

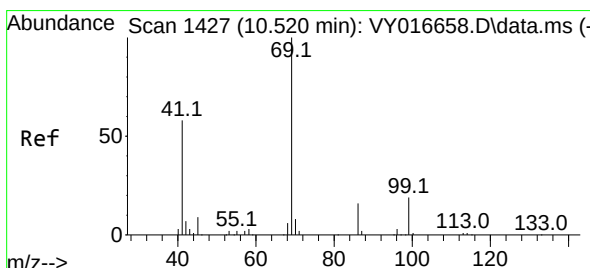
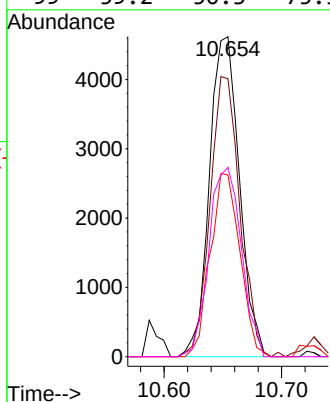
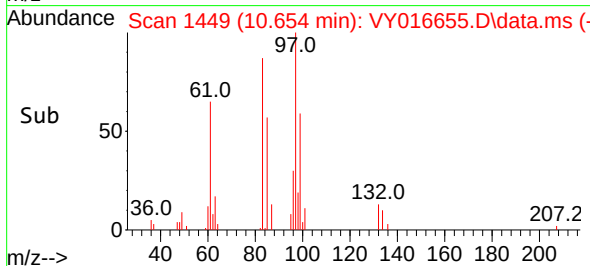
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005



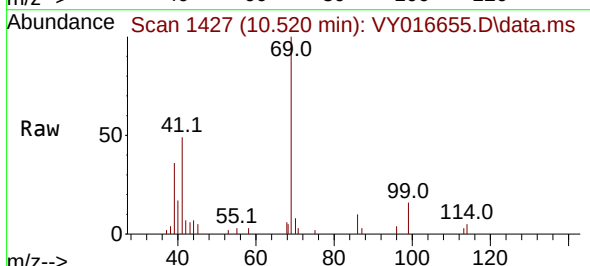
Tgt Ion: 97	Resp: 819
Ion Ratio	Lower Upper
97 100	
83 86.9	72.0 108.0
85 56.8	45.4 68.0
99 59.2	50.3 75.5

Manual Integrations
APPROVED

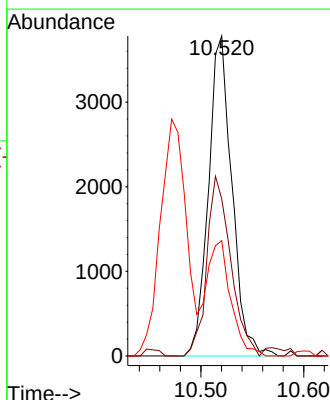
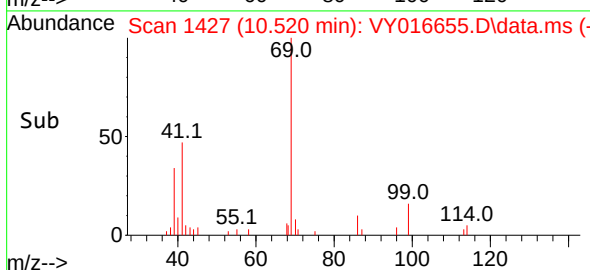
Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023

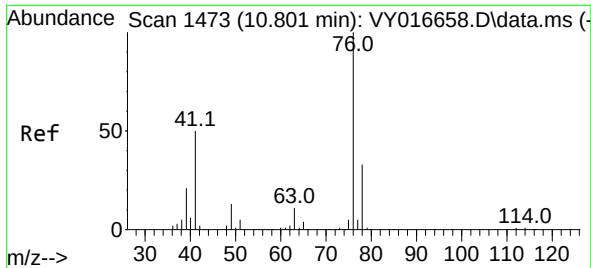


#56
Ethyl methacrylate
Concen: 3.852 ug/l
RT: 10.520 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VY016655.D
Acq: 15 Dec 2023 15:05



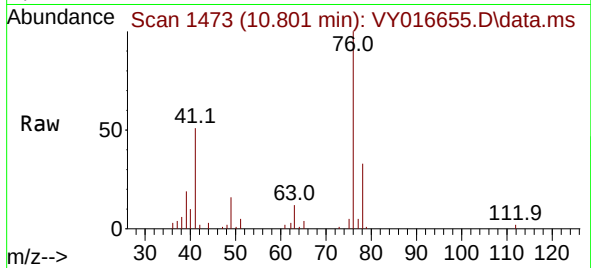
Tgt Ion: 69	Resp: 6006
Ion Ratio	Lower Upper
69 100	
41 57.1	57.6 86.4#
39 37.3	34.1 51.1





#57
1,3-Dichloropropane
Concen: 4.447 ug/l
RT: 10.801 min Scan# 1473
Delta R.T. 0.000 min
Lab File: VY016655.D
Acq: 15 Dec 2023 15:05

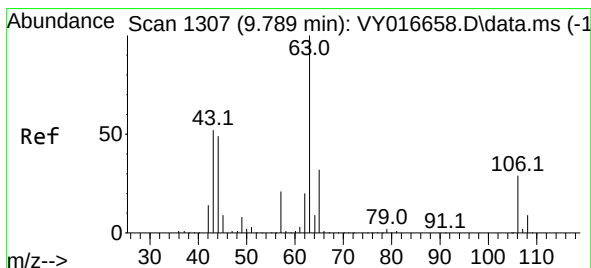
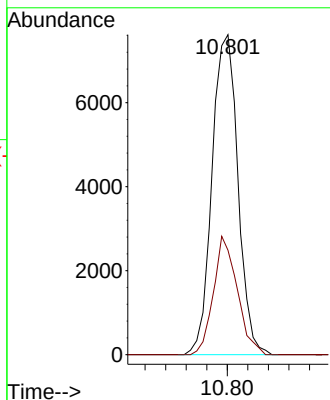
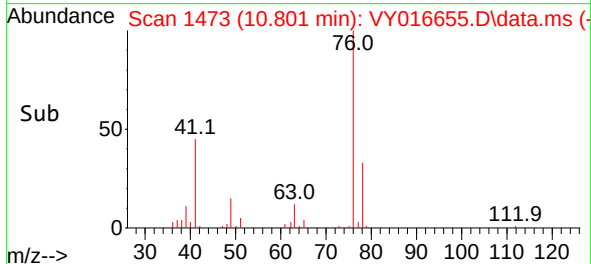
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005



Tgt Ion: 76 Resp: 13308
Ion Ratio Lower Upper
76 100
78 34.0 25.3 37.9

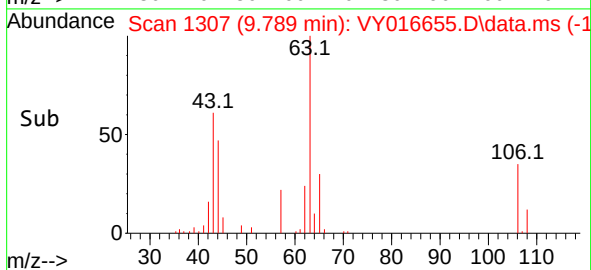
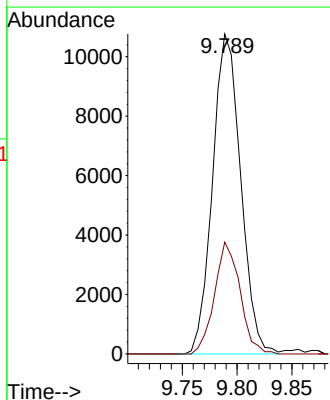
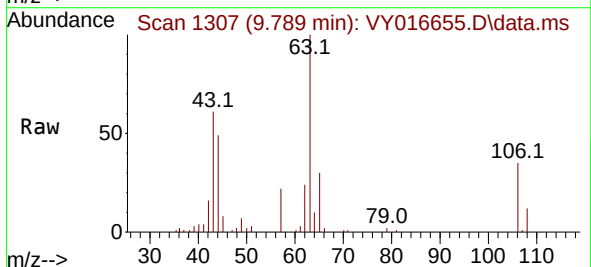
Manual Integrations
APPROVED

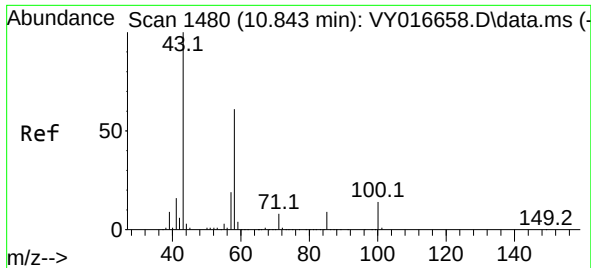
Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023



#58
2-Chloroethyl Vinyl ether
Concen: 29.684 ug/l
RT: 9.789 min Scan# 1307
Delta R.T. -0.000 min
Lab File: VY016655.D
Acq: 15 Dec 2023 15:05

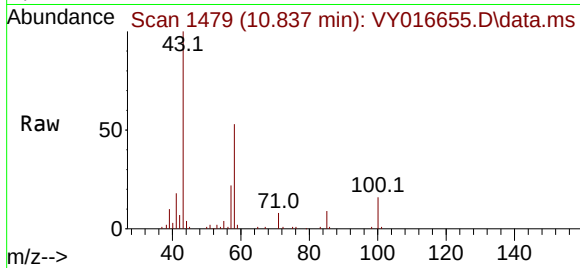
Tgt Ion: 63 Resp: 19220
Ion Ratio Lower Upper
63 100
106 31.7 21.2 31.8





#59
2-Hexanone
Concen: 25.813 ug/l
RT: 10.837 min Scan# 1480
Delta R.T. -0.006 min
Lab File: VY016655.D
Acq: 15 Dec 2023 15:05

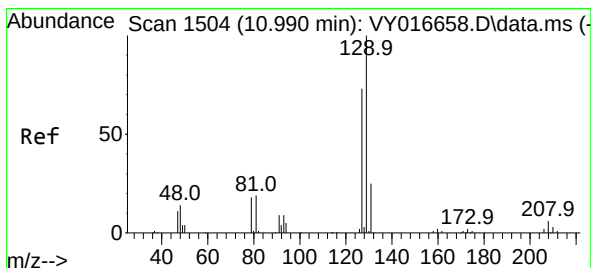
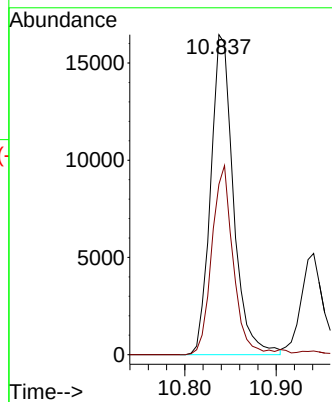
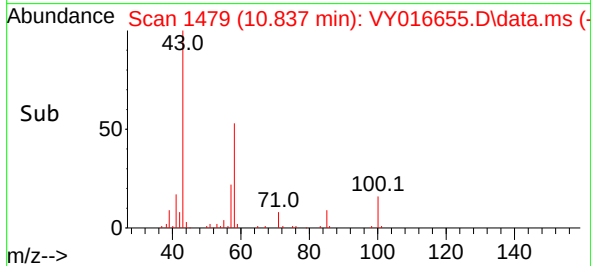
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005



Tgt Ion: 43 Resp: 28430
Ion Ratio Lower Upper
43 100
58 55.4 25.1 75.3

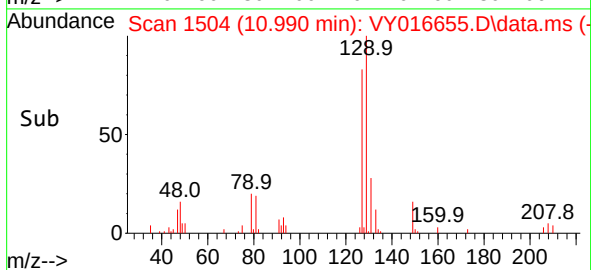
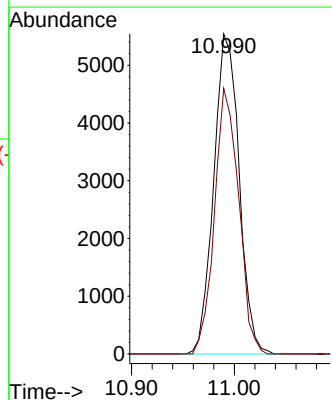
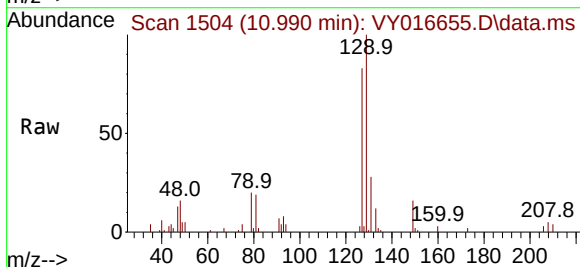
Manual Integrations
APPROVED

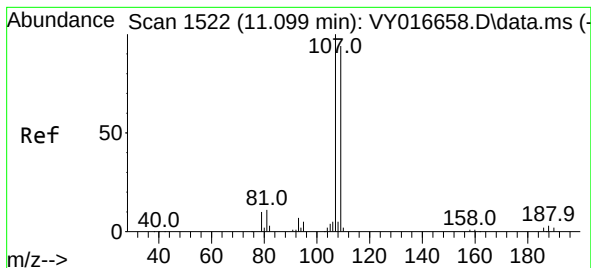
Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023



#60
Dibromochloromethane
Concen: 4.367 ug/l
RT: 10.990 min Scan# 1504
Delta R.T. 0.000 min
Lab File: VY016655.D
Acq: 15 Dec 2023 15:05

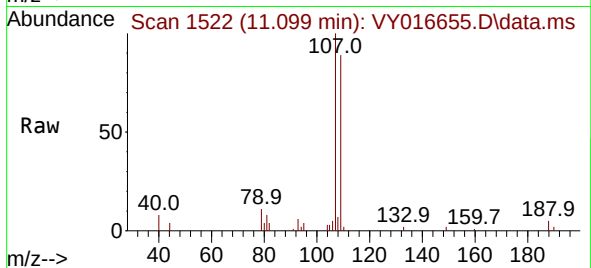
Tgt Ion:129 Resp: 9517
Ion Ratio Lower Upper
129 100
127 79.1 38.5 115.5





#61
1,2-Dibromoethane
Concen: 4.384 ug/l
RT: 11.099 min Scan# 1522
Delta R.T. 0.000 min
Lab File: VY016655.D
Acq: 15 Dec 2023 15:05

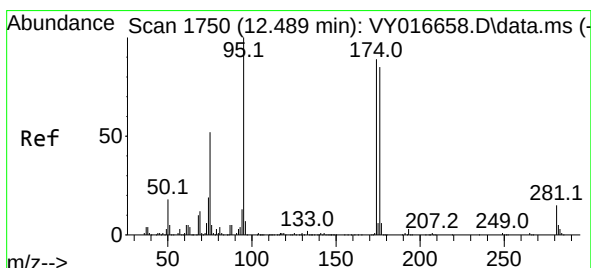
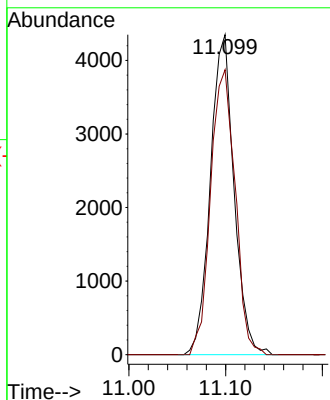
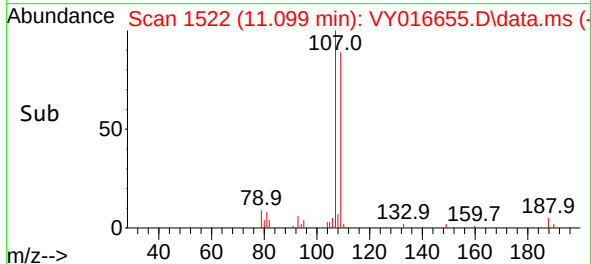
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005



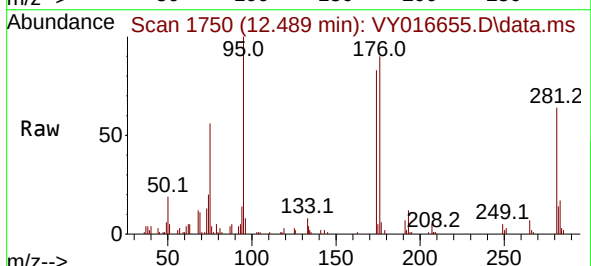
Tgt Ion:107 Resp: 7399
Ion Ratio Lower Upper
107 100
109 92.3 75.6 113.4

Manual Integrations
APPROVED

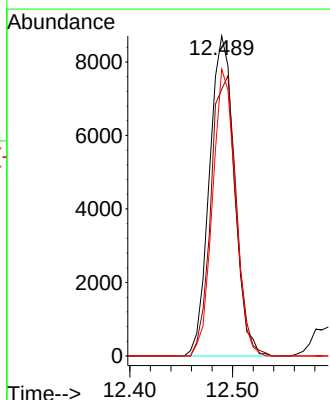
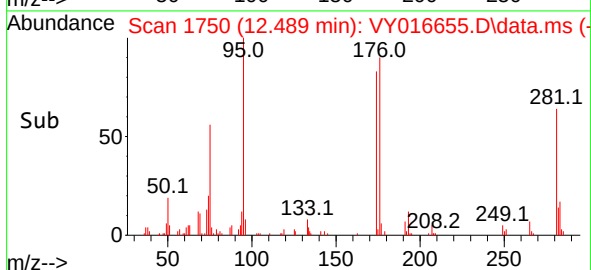
Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023

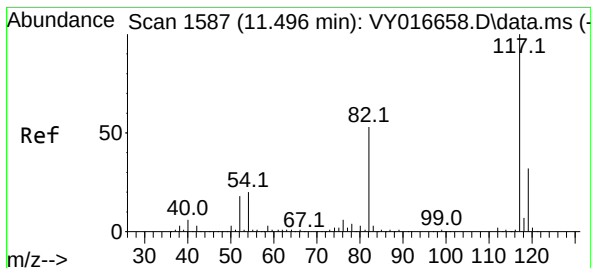


#62
4-Bromofluorobenzene
Concen: 5.597 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VY016655.D
Acq: 15 Dec 2023 15:05



Tgt Ion: 95 Resp: 14637
Ion Ratio Lower Upper
95 100
174 89.0 0.0 178.2
176 82.2 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.496 min Scan# 117

Delta R.T. 0.000 min

Lab File: VY016655.D

Acq: 15 Dec 2023 15:05

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC005

Tgt Ion:117 Resp: 326320

Ion Ratio Lower Upper

117 100

82 53.8 43.4 65.0

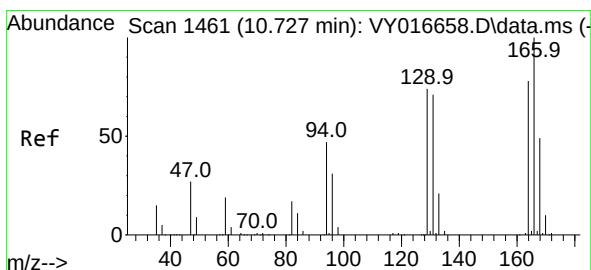
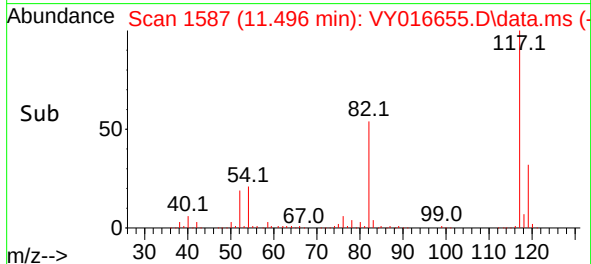
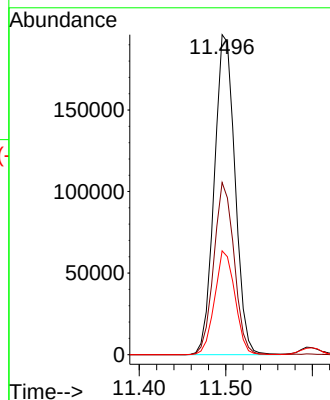
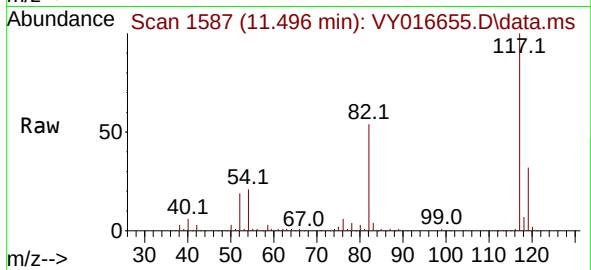
119 32.4 26.3 39.5

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/18/2023

Supervised By :Semsettin Yesilyurt 12/18/2023



#64

Tetrachloroethene

Concen: 4.608 ug/l

RT: 10.728 min Scan# 1461

Delta R.T. 0.000 min

Lab File: VY016655.D

Acq: 15 Dec 2023 15:05

Tgt Ion:164 Resp: 12320

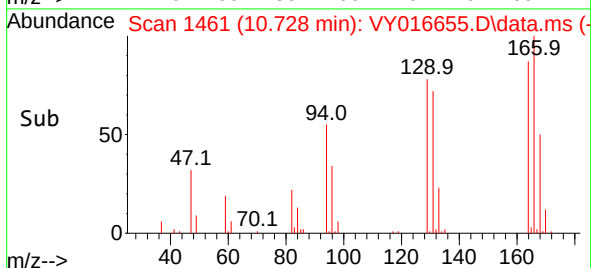
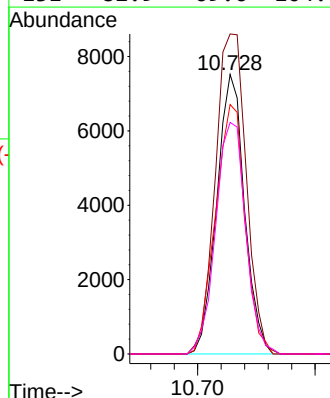
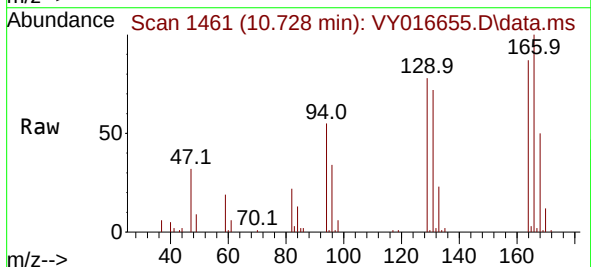
Ion Ratio Lower Upper

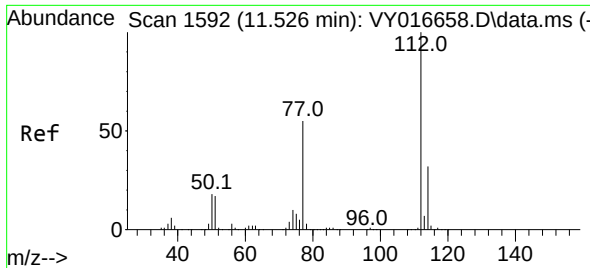
164 100

166 114.5 103.0 154.6

129 89.2 77.2 115.8

131 82.9 69.6 104.4





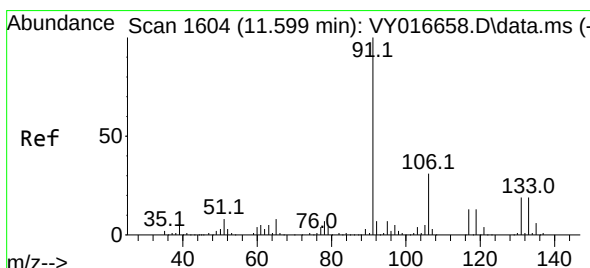
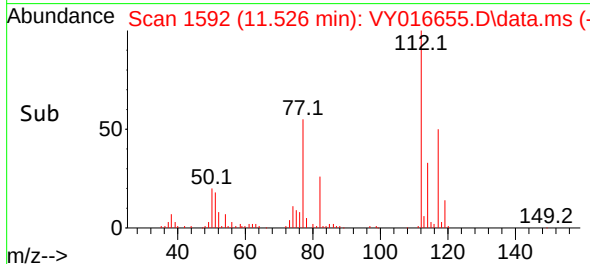
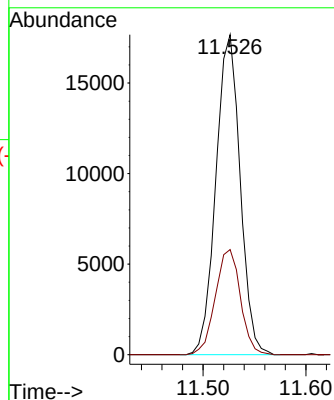
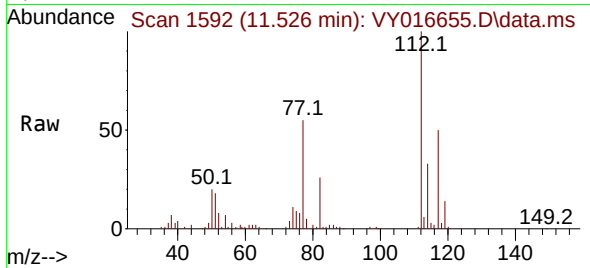
#65
Chlorobenzene
Concen: 4.545 ug/l
RT: 11.526 min Scan# 11592
Delta R.T. 0.000 min
Lab File: VY016655.D
Acq: 15 Dec 2023 15:05

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tgt Ion:112 Resp: 2893
Ion Ratio Lower Upper
112 100
114 32.8 25.5 38.3

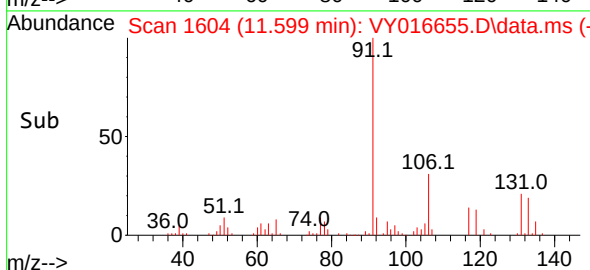
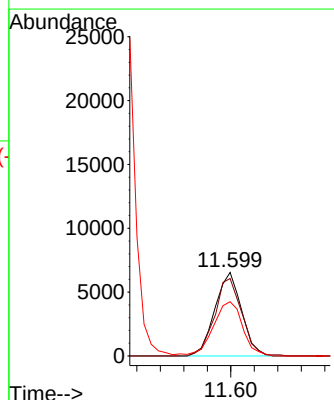
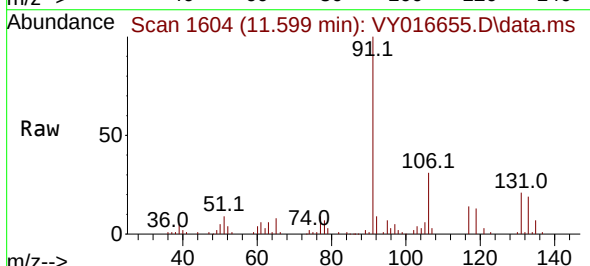
Manual Integrations
APPROVED

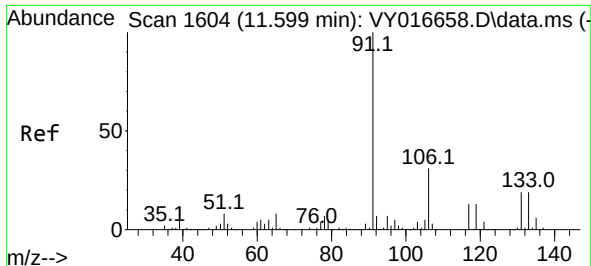
Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 4.428 ug/l
RT: 11.599 min Scan# 1604
Delta R.T. 0.000 min
Lab File: VY016655.D
Acq: 15 Dec 2023 15:05

Tgt Ion:131 Resp: 10307
Ion Ratio Lower Upper
131 100
133 94.8 47.5 142.6
119 70.6 31.6 94.7





#67

Ethyl Benzene

Concen: 4.373 ug/l

RT: 11.599 min Scan# 1604

Delta R.T. 0.000 min

Lab File: VY016655.D

Acq: 15 Dec 2023 15:05

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

Tgt Ion: 91 Resp: 50079

Ion Ratio Lower Upper

91 100

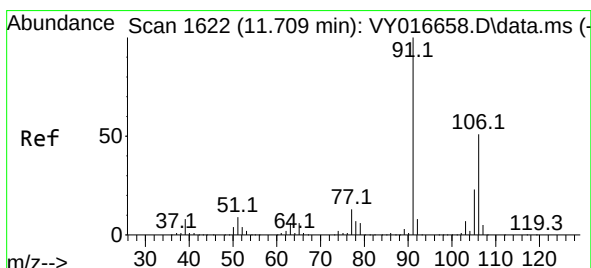
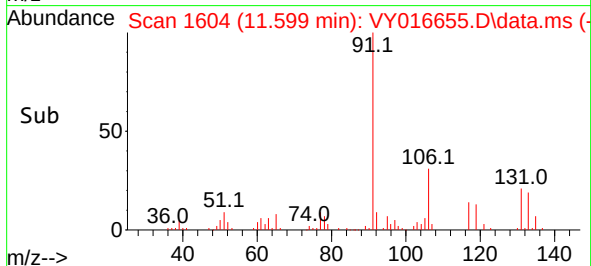
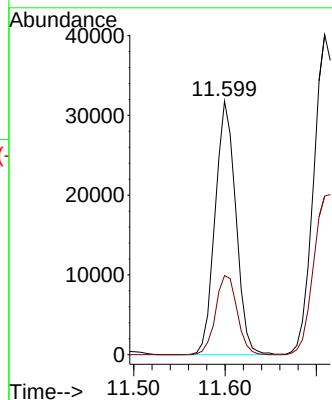
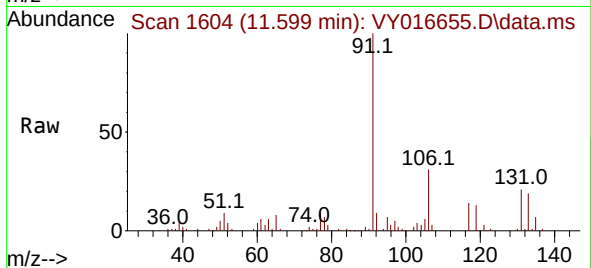
106 31.1 24.6 36.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/18/2023

Supervised By :Semsettin Yesilyurt 12/18/2023



#68

m/p-Xylenes

Concen: 8.552 ug/l

RT: 11.715 min Scan# 1623

Delta R.T. 0.006 min

Lab File: VY016655.D

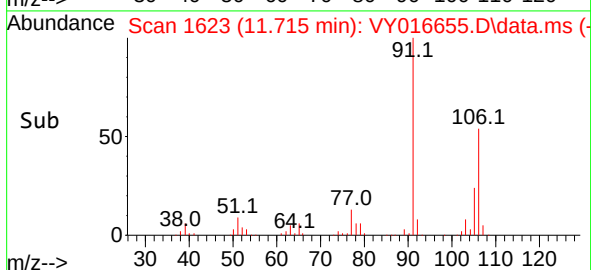
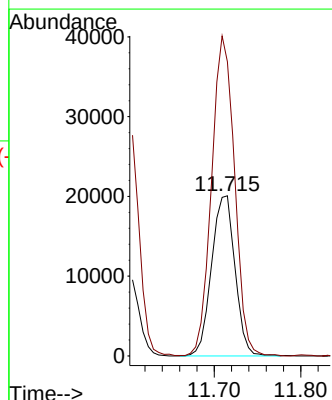
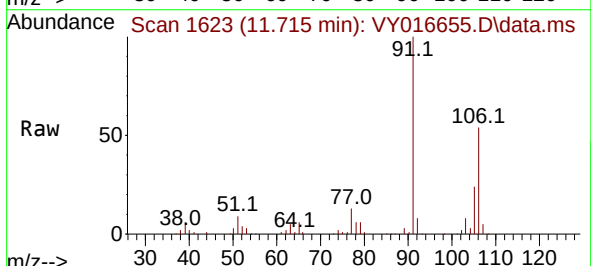
Acq: 15 Dec 2023 15:05

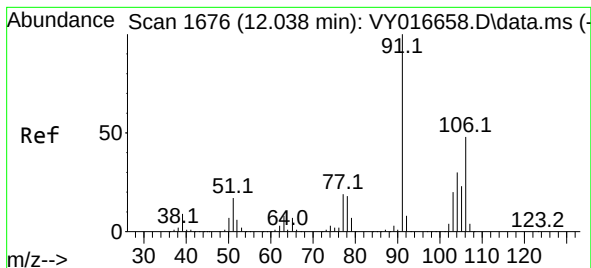
Tgt Ion:106 Resp: 37779

Ion Ratio Lower Upper

106 100

91 195.9 166.1 249.1





#69

o-Xylene

Concen: 4.206 ug/l

RT: 12.038 min Scan# 1676

Delta R.T. 0.000 min

Lab File: VY016655.D

Acq: 15 Dec 2023 15:05

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC005

Tgt Ion:106 Resp: 16990

Ion Ratio Lower Upper

106 100

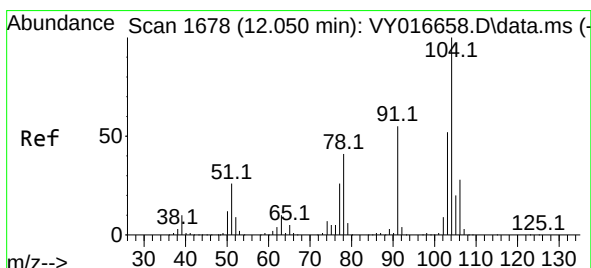
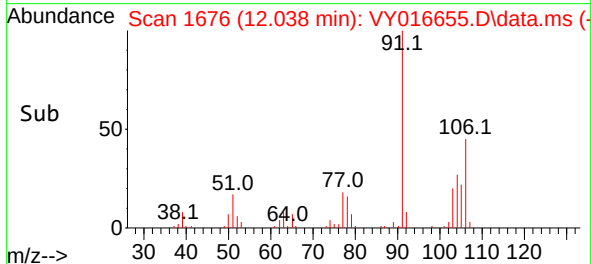
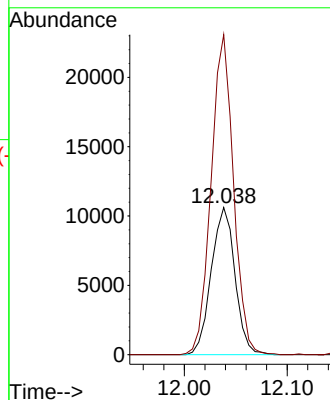
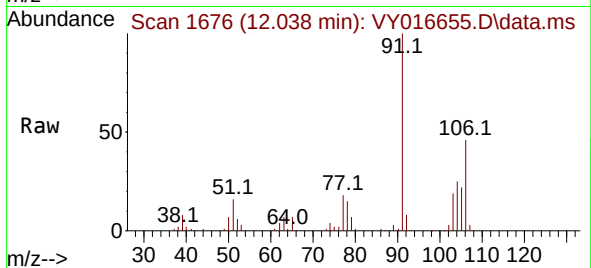
91 205.4 108.1 324.3

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/18/2023

Supervised By :Semsettin Yesilyurt 12/18/2023



#70

Styrene

Concen: 3.955 ug/l

RT: 12.050 min Scan# 1678

Delta R.T. 0.000 min

Lab File: VY016655.D

Acq: 15 Dec 2023 15:05

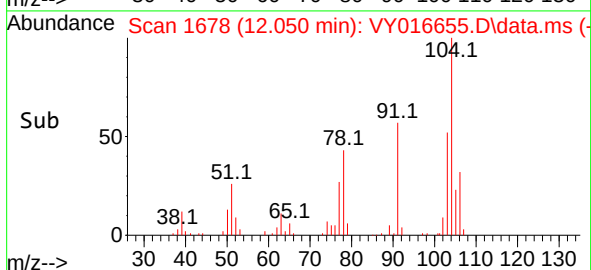
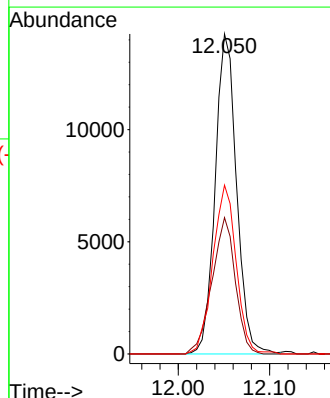
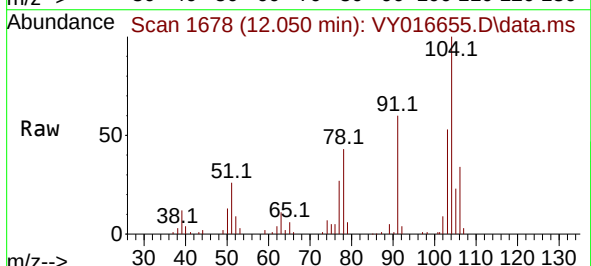
Tgt Ion:104 Resp: 23152

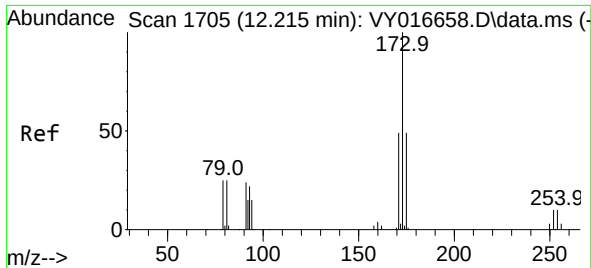
Ion Ratio Lower Upper

104 100

78 46.4 41.5 62.3

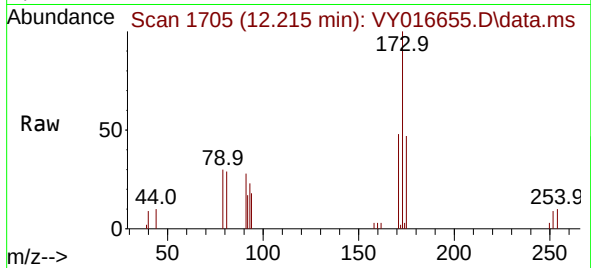
103 57.6 44.6 67.0





#71
Bromoform
Concen: 4.613 ug/l
RT: 12.215 min Scan# 1705
Delta R.T. 0.000 min
Lab File: VY016655.D
Acq: 15 Dec 2023 15:05

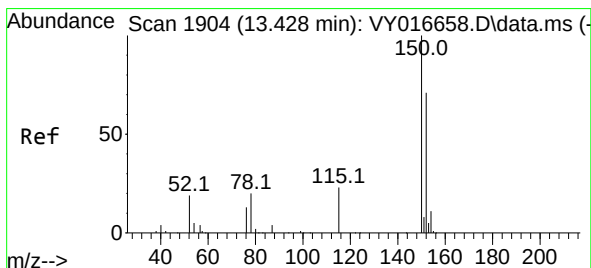
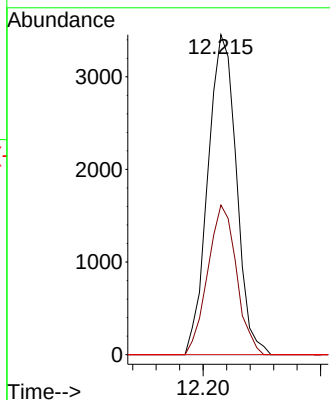
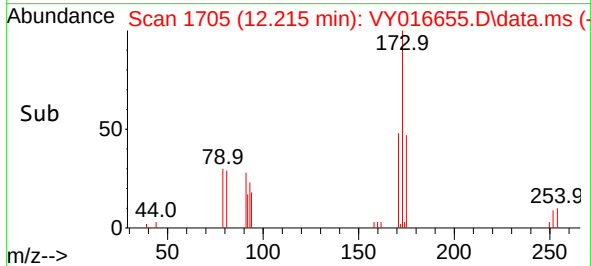
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005



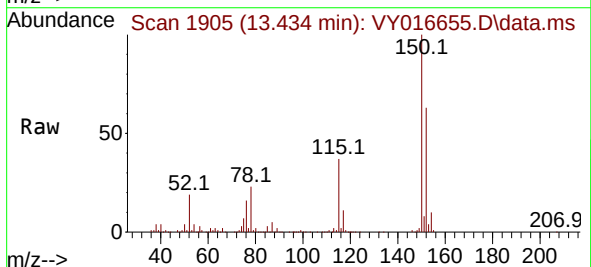
Tgt Ion:173 Resp: 5820
Ion Ratio Lower Upper
173 100
175 47.1 24.6 73.8
254 0.0 0.2 0.2

Manual Integrations
APPROVED

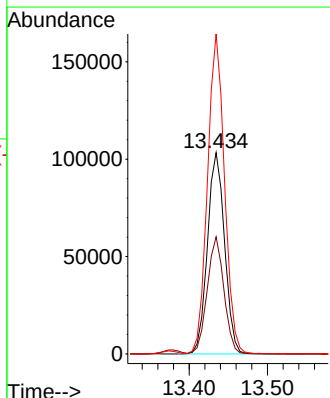
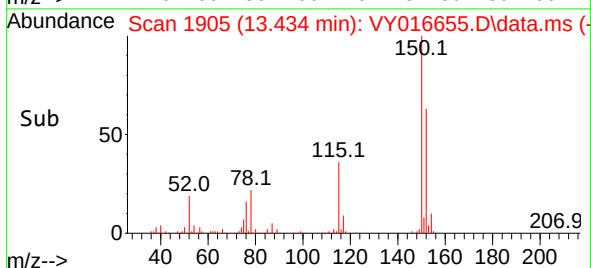
Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023

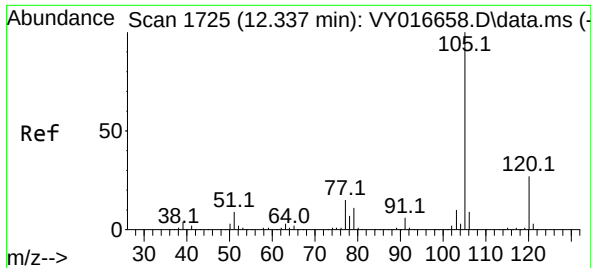


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.434 min Scan# 1905
Delta R.T. 0.006 min
Lab File: VY016655.D
Acq: 15 Dec 2023 15:05



Tgt Ion:152 Resp: 156880
Ion Ratio Lower Upper
152 100
115 56.7 28.8 86.5
150 157.3 0.0 348.8





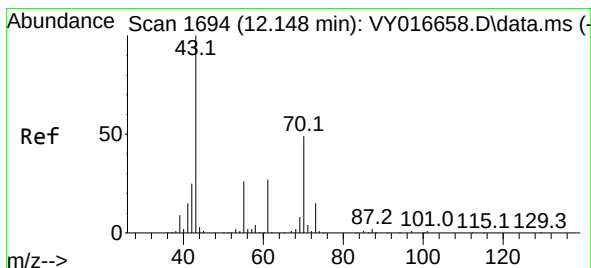
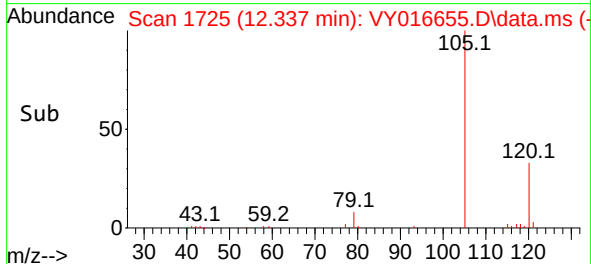
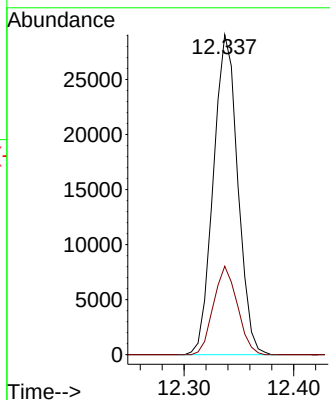
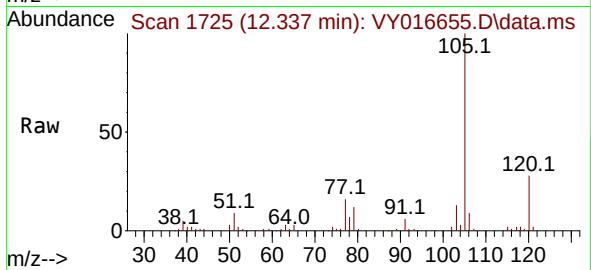
#73
Isopropylbenzene
Concen: 4.083 ug/l
RT: 12.337 min Scan# 1725
Delta R.T. 0.000 min
Lab File: VY016655.D
Acq: 15 Dec 2023 15:05

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tgt Ion:105 Resp: 45059
Ion Ratio Lower Upper
105 100
120 27.0 13.3 39.9

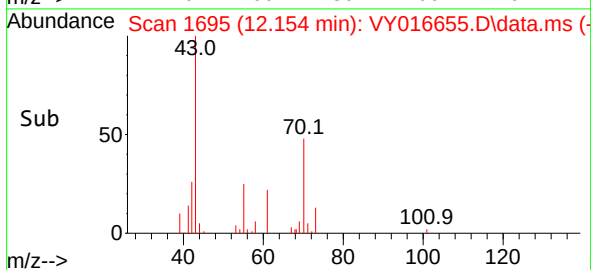
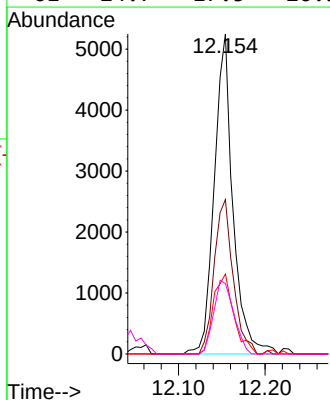
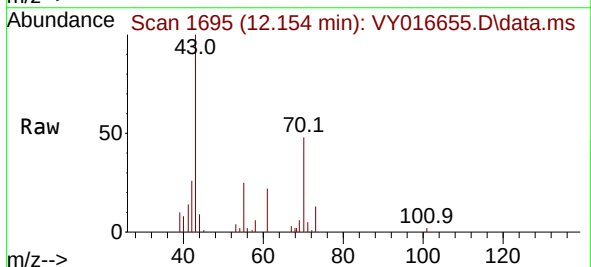
Manual Integrations
APPROVED

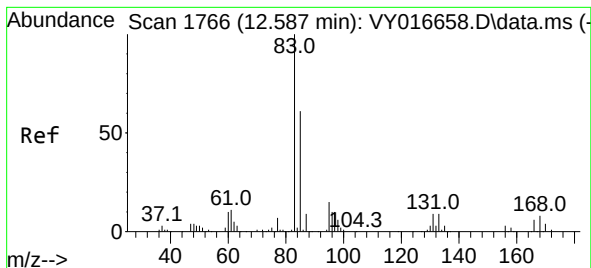
Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023



#74
N-ethyl acetate
Concen: 3.795 ug/l
RT: 12.154 min Scan# 1695
Delta R.T. 0.006 min
Lab File: VY016655.D
Acq: 15 Dec 2023 15:05

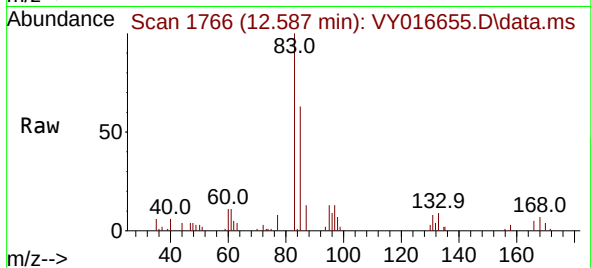
Tgt Ion: 43 Resp: 7849
Ion Ratio Lower Upper
43 100
70 49.0 29.7 44.5#
55 27.2 18.3 27.5
61 24.7 17.5 26.3





#75
1,1,2,2-Tetrachloroethane
Concen: 4.478 ug/l
RT: 12.587 min Scan# 1766
Delta R.T. 0.000 min
Lab File: VY016655.D
Acq: 15 Dec 2023 15:05

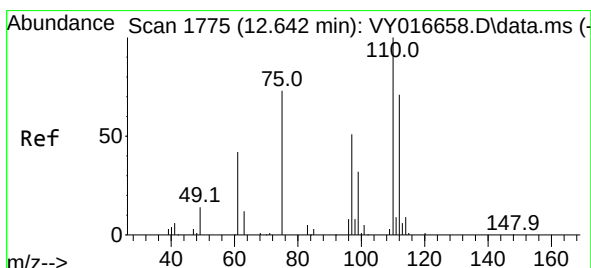
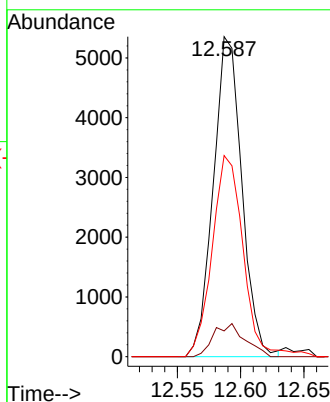
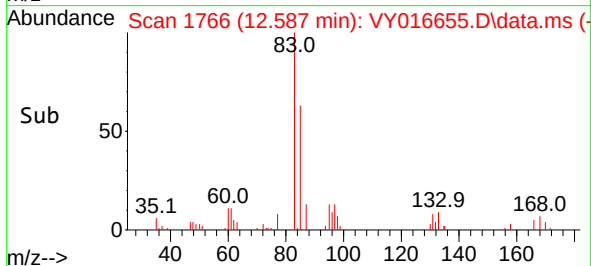
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005



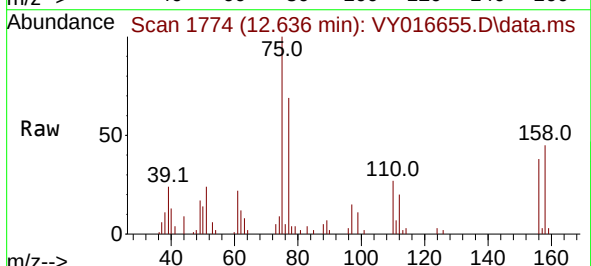
Tgt Ion: 83 Resp: 8400
Ion Ratio Lower Upper
83 100
131 11.3 5.4 16.2
85 68.4 31.8 95.4

Manual Integrations
APPROVED

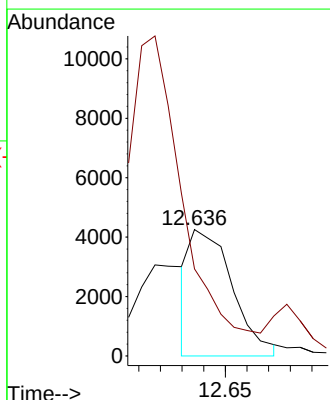
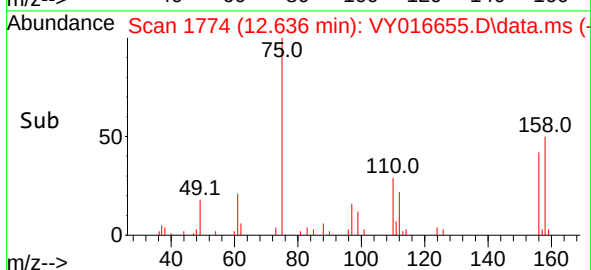
Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023

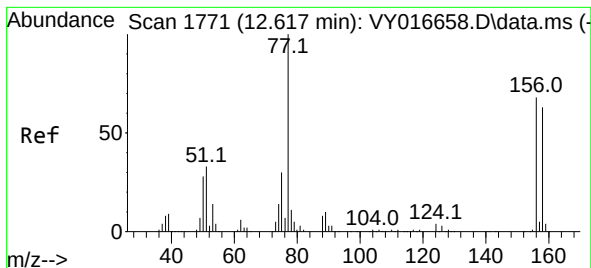


#76
1,2,3-Trichloropropane
Concen: 4.084 ug/l m
RT: 12.636 min Scan# 1774
Delta R.T. -0.006 min
Lab File: VY016655.D
Acq: 15 Dec 2023 15:05



Tgt Ion: 75 Resp: 5843
Ion Ratio Lower Upper
75 100
77 345.5 0.0 0.0#





#77

Bromobenzene

Concen: 4.496 ug/l

RT: 12.617 min Scan# 1771

Delta R.T. 0.000 min

Lab File: VY016655.D

Acq: 15 Dec 2023 15:05

Instrument :

MSVOA_Y

ClientSampleId :

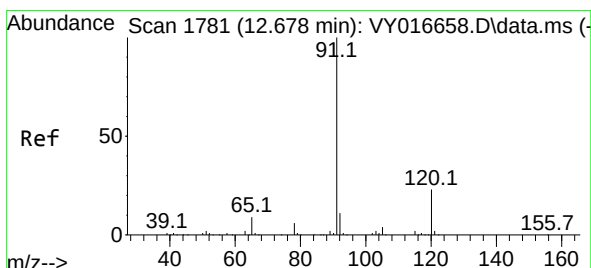
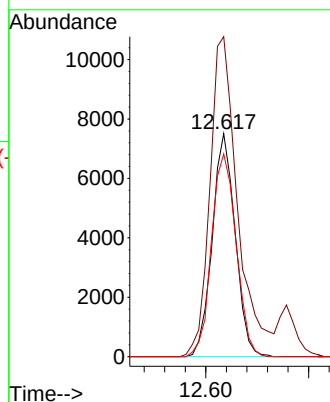
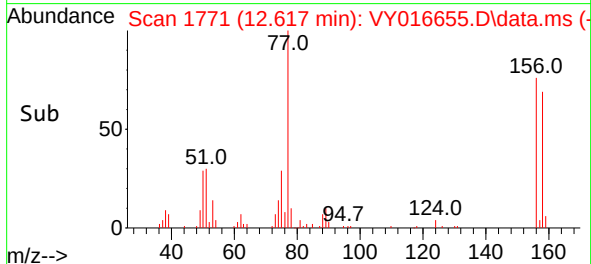
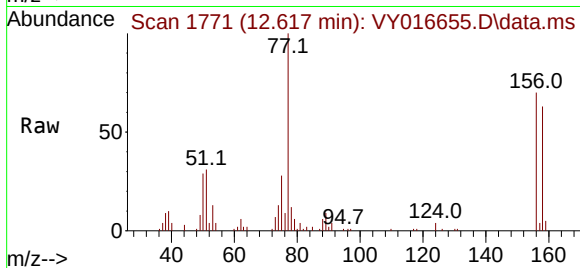
VSTDIC005

Tgt Ion:	156	Resp:	1162
Ion Ratio	Lower	Upper	
156	100		
77	173.7	92.8	278.6
158	97.6	48.4	145.3

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023



#78

n-propylbenzene

Concen: 4.344 ug/l

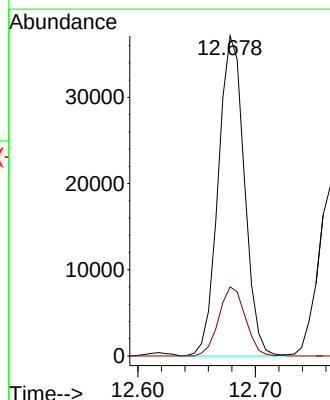
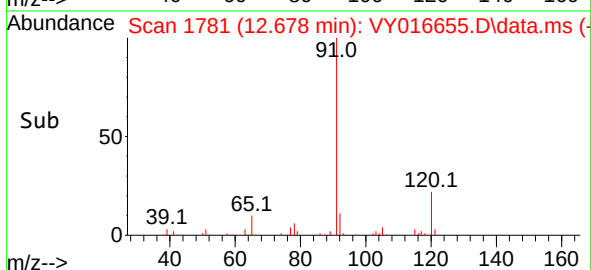
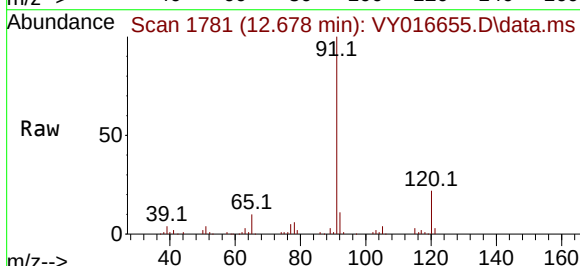
RT: 12.678 min Scan# 1781

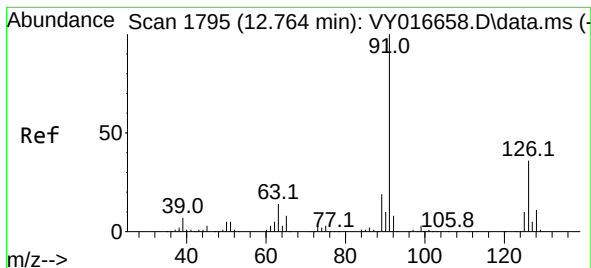
Delta R.T. 0.000 min

Lab File: VY016655.D

Acq: 15 Dec 2023 15:05

Tgt Ion:	91	Resp:	57289
Ion Ratio	Lower	Upper	
91	100		
120	21.9	11.5	34.4





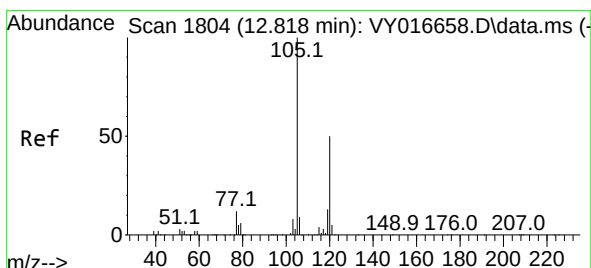
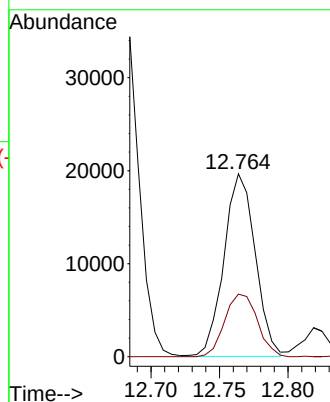
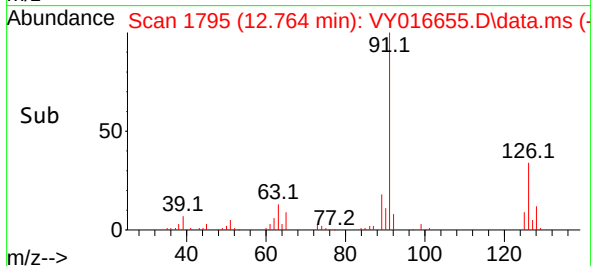
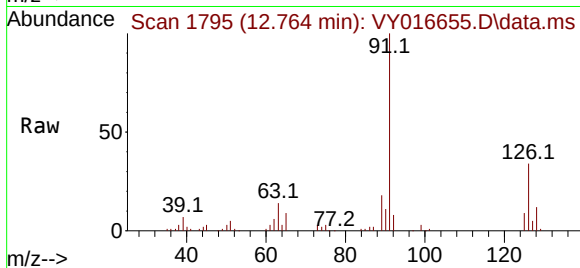
#79
2-Chlorotoluene
Concen: 4.318 ug/l
RT: 12.764 min Scan# 1795
Delta R.T. 0.000 min
Lab File: VY016655.D
Acq: 15 Dec 2023 15:05

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tgt Ion: 91 Resp: 3127
Ion Ratio Lower Upper
91 100
126 35.6 17.3 51.7

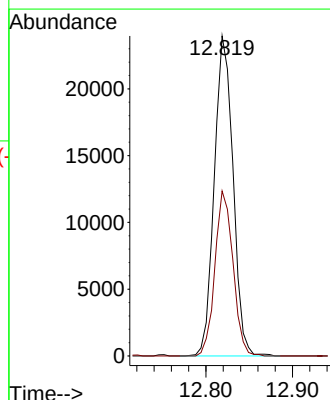
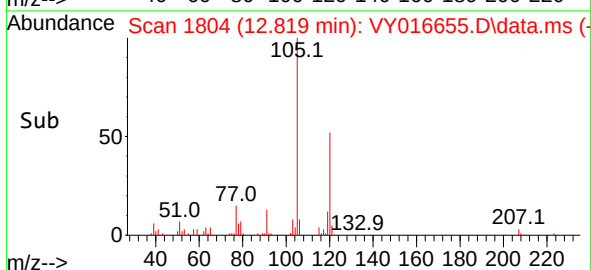
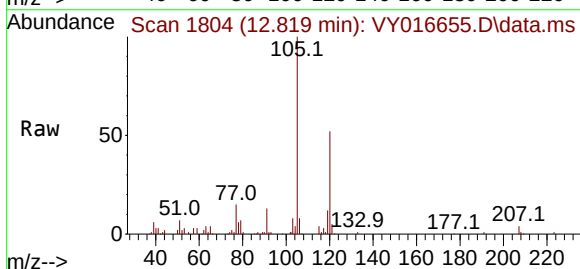
Manual Integrations
APPROVED

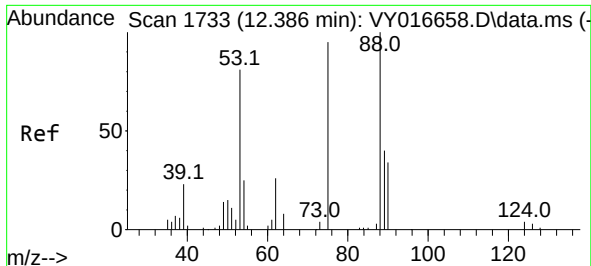
Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023



#80
1,3,5-Trimethylbenzene
Concen: 4.081 ug/l
RT: 12.819 min Scan# 1804
Delta R.T. 0.000 min
Lab File: VY016655.D
Acq: 15 Dec 2023 15:05

Tgt Ion:105 Resp: 36005
Ion Ratio Lower Upper
105 100
120 49.7 23.9 71.7





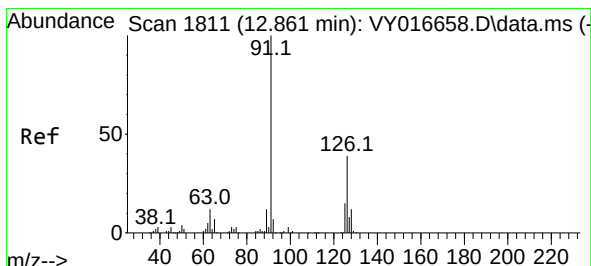
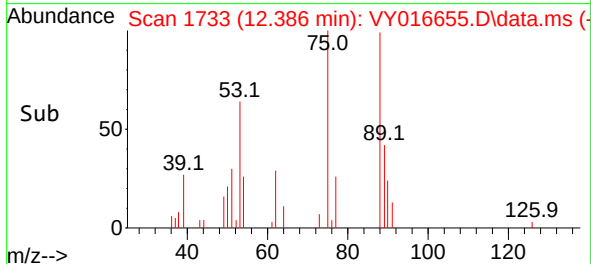
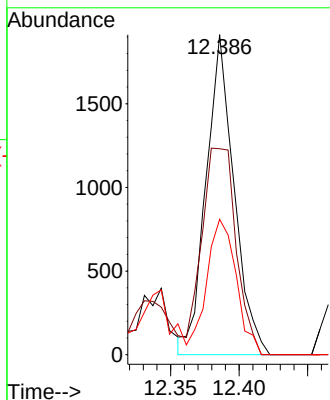
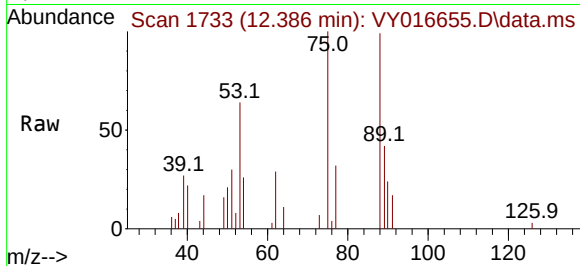
#81
trans-1,4-Dichloro-2-butene
Concen: 4.310 ug/l
RT: 12.386 min Scan# 1733
Delta R.T. 0.000 min
Lab File: VY016655.D
Acq: 15 Dec 2023 15:05

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tgt Ion: 75 Resp: 2710
Ion Ratio Lower Upper
75 100
53 78.9 77.8 116.8
89 44.9 37.4 56.0

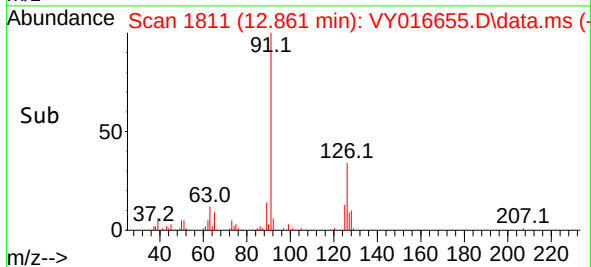
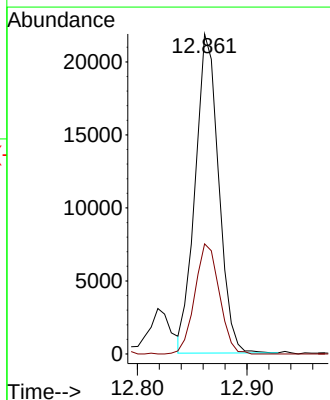
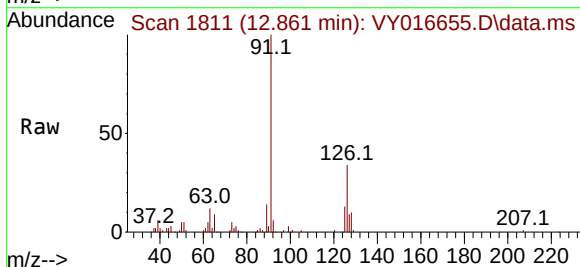
Manual Integrations
APPROVED

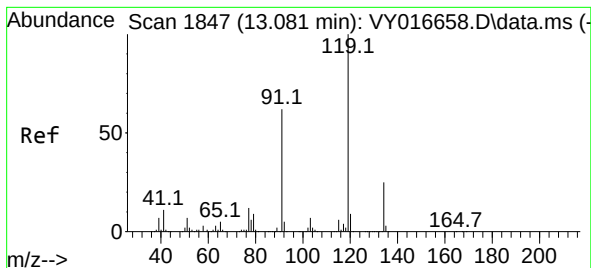
Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023



#82
4-Chlorotoluene
Concen: 4.344 ug/l
RT: 12.861 min Scan# 1811
Delta R.T. 0.000 min
Lab File: VY016655.D
Acq: 15 Dec 2023 15:05

Tgt Ion: 91 Resp: 32535
Ion Ratio Lower Upper
91 100
126 36.0 17.2 51.6





#83

tert-Butylbenzene

Concen: 4.368 ug/l

RT: 13.081 min Scan# 1847

Delta R.T. 0.000 min

Lab File: VY016655.D

Acq: 15 Dec 2023 15:05

Instrument :

MSVOA_Y

ClientSampleId :

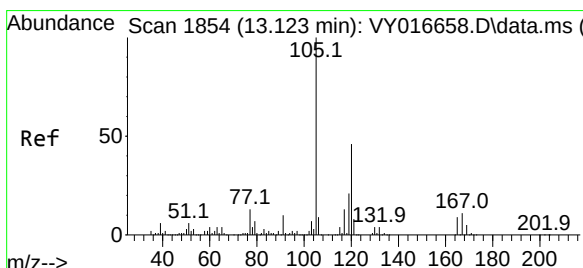
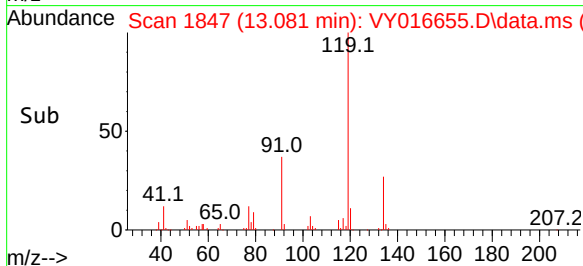
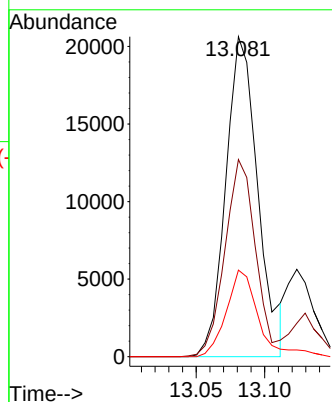
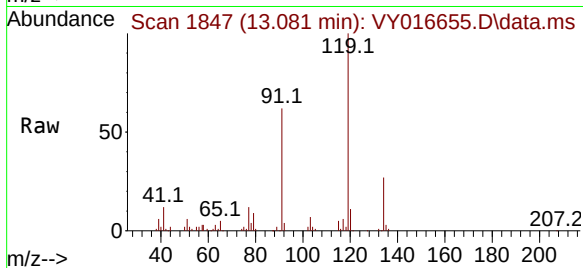
VSTDIC005

Tgt Ion:	119	Resp:	3362
Ion Ratio	Lower	Upper	
119	100		
91	59.4	32.9	98.6
134	27.1	13.0	38.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023



#84

1,2,4-Trimethylbenzene

Concen: 4.082 ug/l

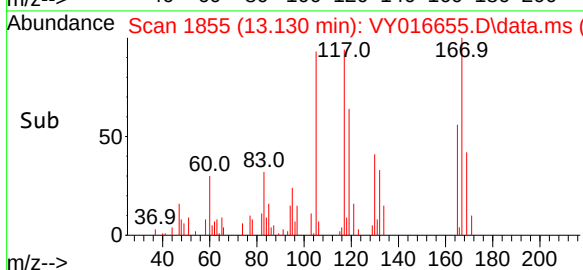
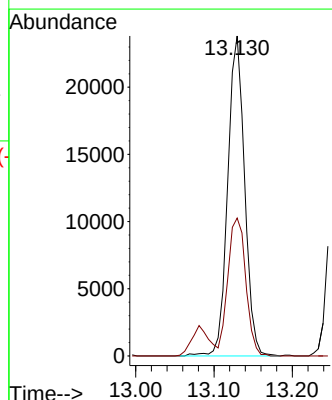
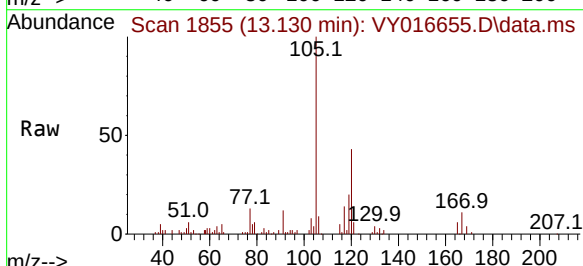
RT: 13.130 min Scan# 1855

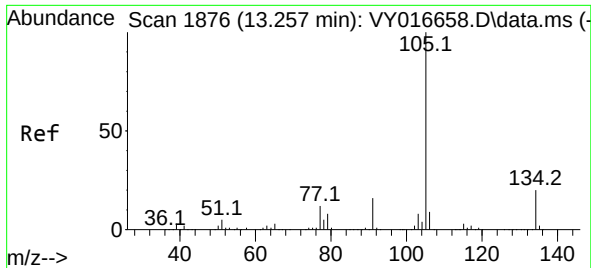
Delta R.T. 0.006 min

Lab File: VY016655.D

Acq: 15 Dec 2023 15:05

Tgt Ion:	105	Resp:	35717
Ion Ratio	Lower	Upper	
105	100		
120	45.6	22.2	66.6





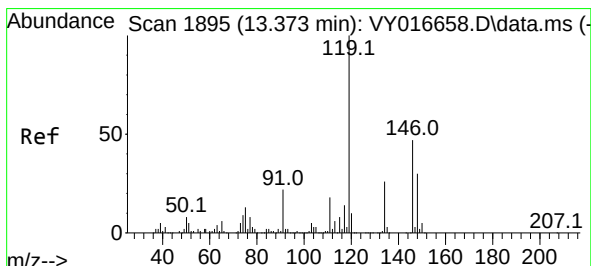
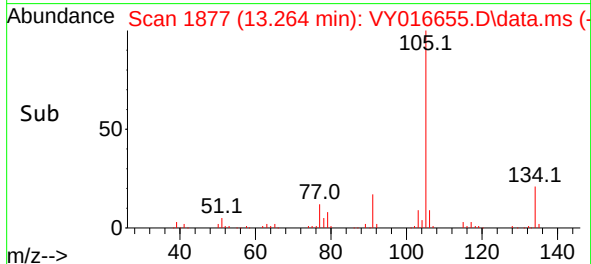
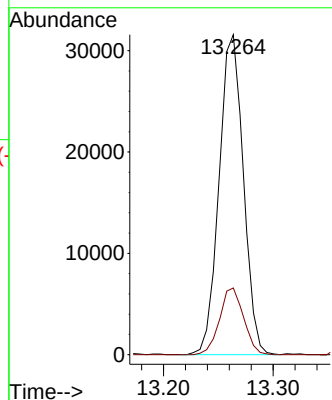
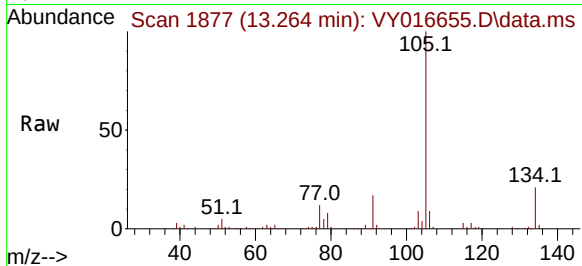
#85
 sec-Butylbenzene
 Concen: 4.299 ug/l
 RT: 13.264 min Scan# 1877
 Delta R.T. 0.006 min
 Lab File: VY016655.D
 Acq: 15 Dec 2023 15:05

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

Tgt Ion:105 Resp: 4856
 Ion Ratio Lower Upper
 105 100
 134 20.6 10.2 30.6

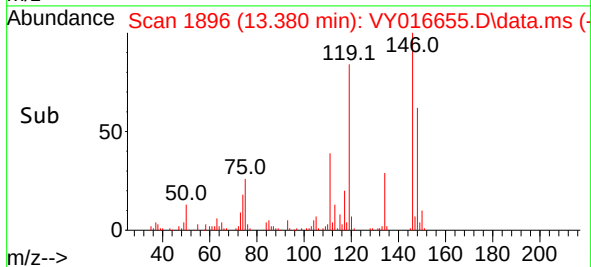
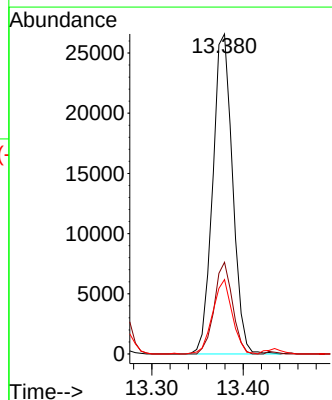
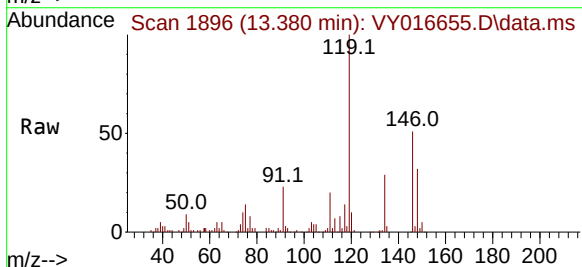
Manual Integrations
 APPROVED

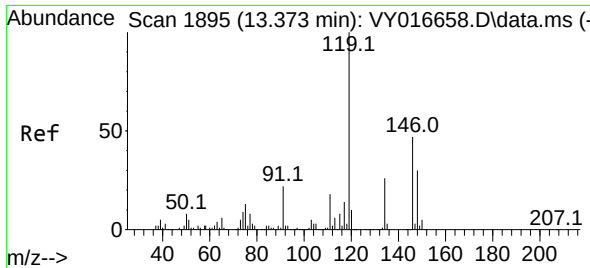
Reviewed By :Mahesh Dadoda 12/18/2023
 Supervised By :Semsettin Yesilyurt 12/18/2023



#86
 p-Isopropyltoluene
 Concen: 4.147 ug/l
 RT: 13.380 min Scan# 1896
 Delta R.T. 0.006 min
 Lab File: VY016655.D
 Acq: 15 Dec 2023 15:05

Tgt Ion:119 Resp: 40000
 Ion Ratio Lower Upper
 119 100
 134 26.4 13.3 39.8
 91 23.0 12.4 37.4





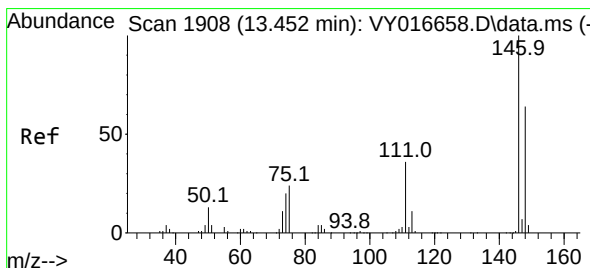
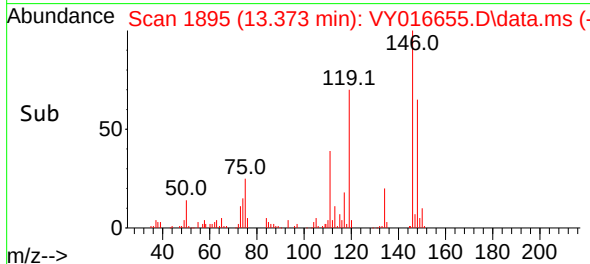
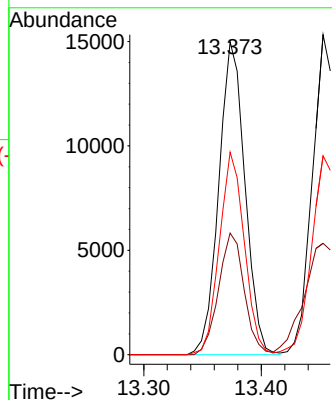
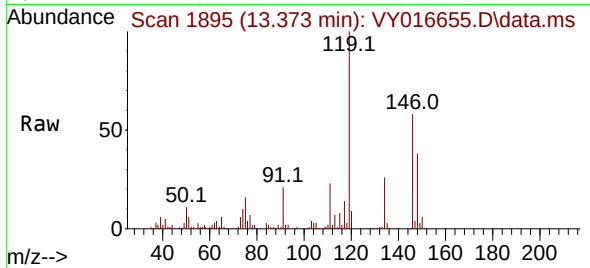
#87
1,3-Dichlorobenzene
Concen: 4.622 ug/l
RT: 13.373 min Scan# 1895
Delta R.T. 0.000 min
Lab File: VY016655.D
Acq: 15 Dec 2023 15:05

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tgt Ion:146 Resp: 23224
Ion Ratio Lower Upper
146 100
111 38.1 19.4 58.2
148 61.7 31.9 95.5

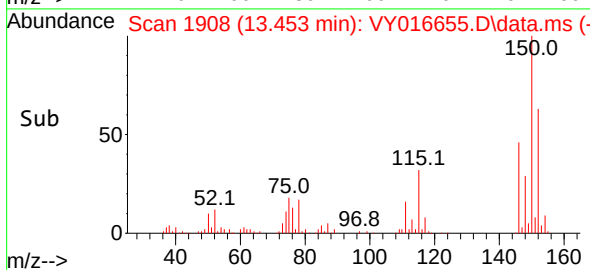
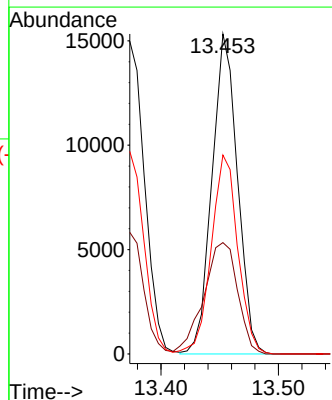
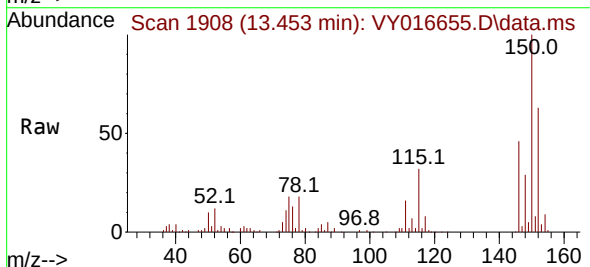
Manual Integrations
APPROVED

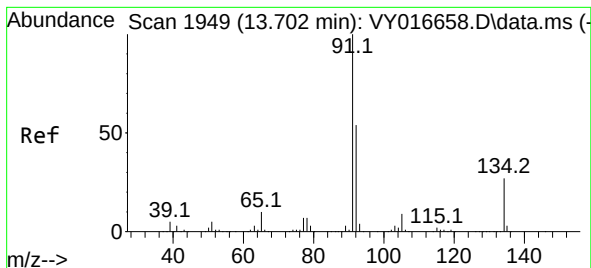
Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023



#88
1,4-Dichlorobenzene
Concen: 4.689 ug/l
RT: 13.453 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VY016655.D
Acq: 15 Dec 2023 15:05

Tgt Ion:146 Resp: 23168
Ion Ratio Lower Upper
146 100
111 46.2 18.9 56.7
148 64.9 32.1 96.5





#89

n-Butylbenzene

Concen: 4.378 ug/l

RT: 13.703 min Scan# 1949

Delta R.T. 0.000 min

Lab File: VY016655.D

Acq: 15 Dec 2023 15:05

Instrument :

MSVOA_Y

ClientSampleId :

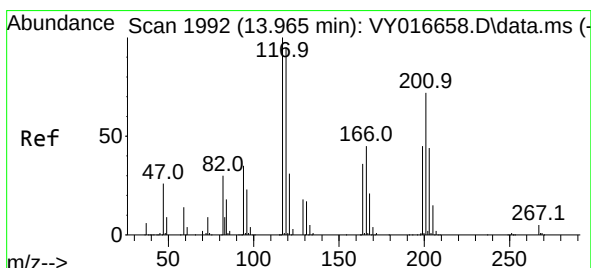
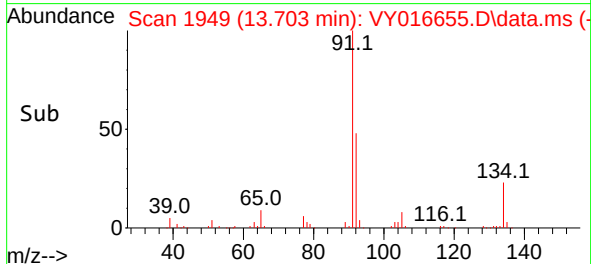
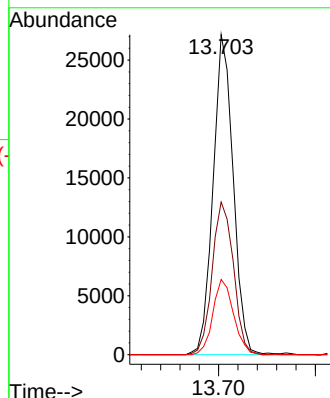
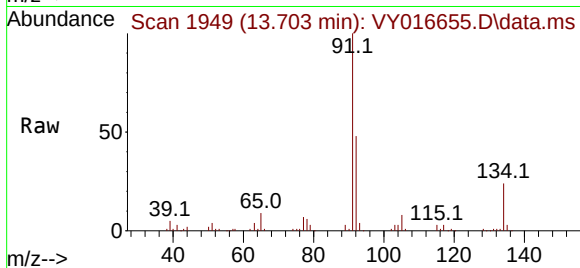
VSTDIC005

Tgt Ion:	91	Resp:	39224
Ion	Ratio	Lower	Upper
91	100		
92	50.4	25.4	76.0
134	24.2	12.6	37.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023



#90

Hexachloroethane

Concen: 4.737 ug/l

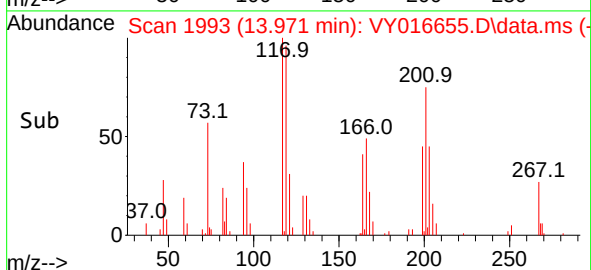
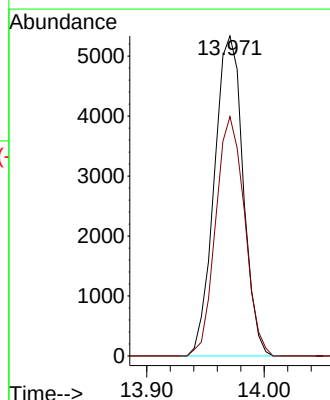
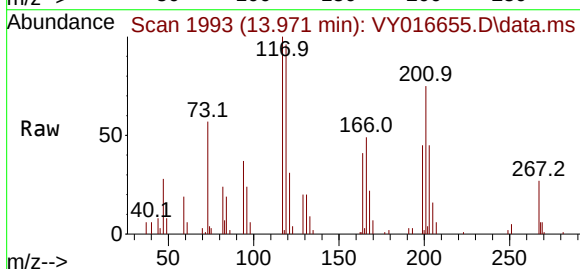
RT: 13.971 min Scan# 1993

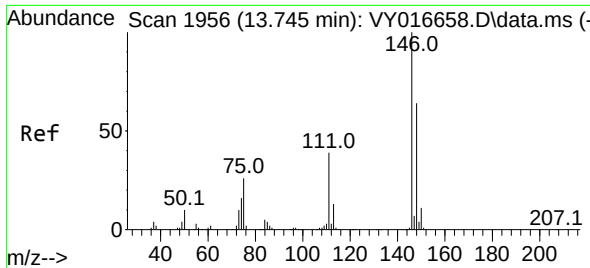
Delta R.T. 0.006 min

Lab File: VY016655.D

Acq: 15 Dec 2023 15:05

Tgt Ion:	117	Resp:	9094
Ion	Ratio	Lower	Upper
117	100		
201	74.9	41.6	124.8





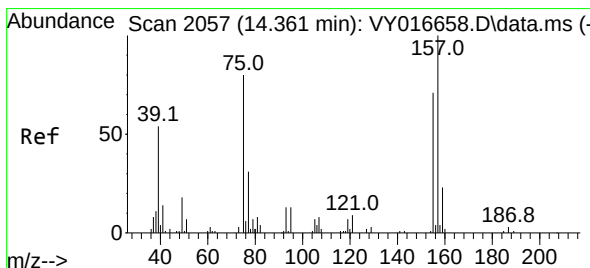
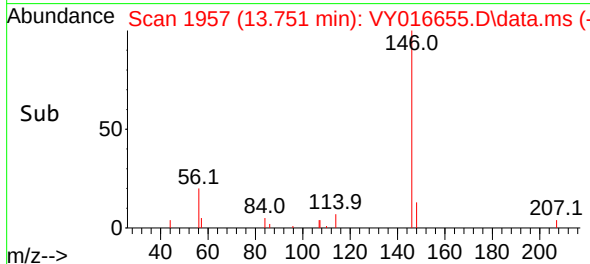
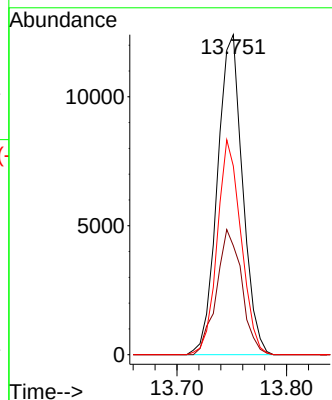
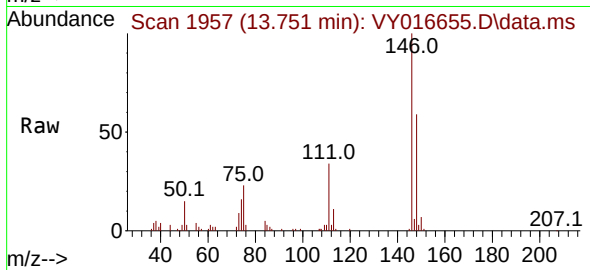
#91
1,2-Dichlorobenzene
Concen: 4.600 ug/l
RT: 13.751 min Scan# 1956
Delta R.T. 0.006 min
Lab File: VY016655.D
Acq: 15 Dec 2023 15:05

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tgt Ion:146 Resp: 1983
Ion Ratio Lower Upper
146 100
111 39.1 19.7 59.0
148 63.5 32.0 96.2

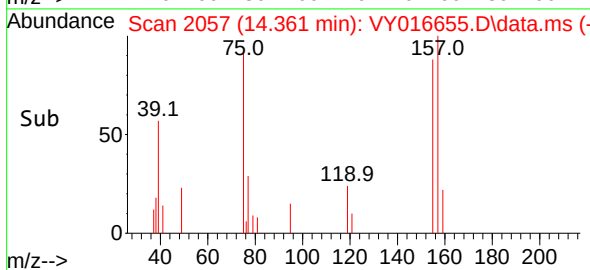
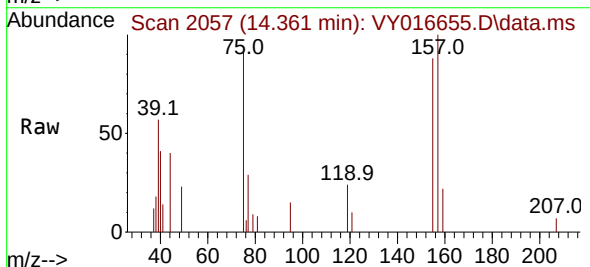
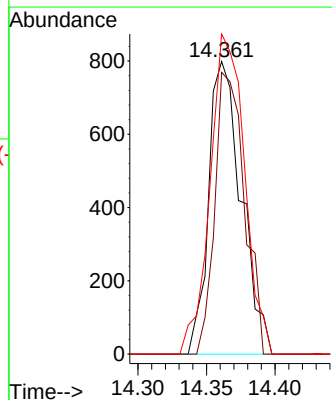
Manual Integrations
APPROVED

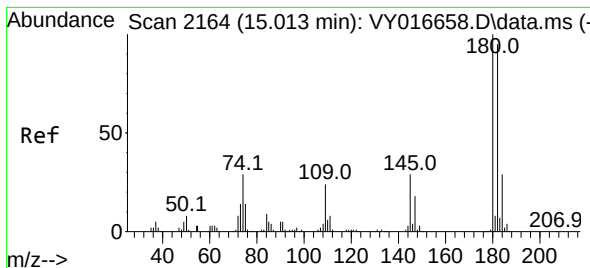
Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 4.880 ug/l
RT: 14.361 min Scan# 2057
Delta R.T. 0.000 min
Lab File: VY016655.D
Acq: 15 Dec 2023 15:05

Tgt Ion: 75 Resp: 1326
Ion Ratio Lower Upper
75 100
155 87.0 41.5 124.6
157 115.2 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 4.507 ug/l

RT: 15.013 min Scan# 2164

Delta R.T. 0.000 min

Lab File: VY016655.D

Acq: 15 Dec 2023 15:05

Instrument :

MSVOA_Y

ClientSampleId :

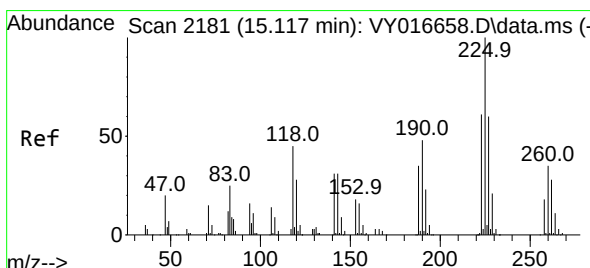
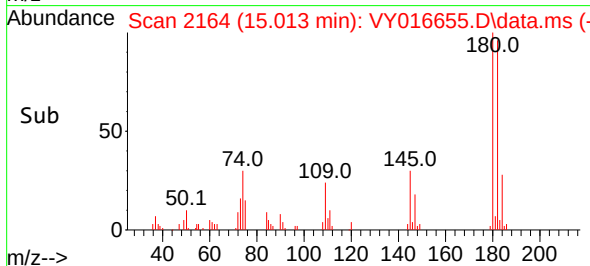
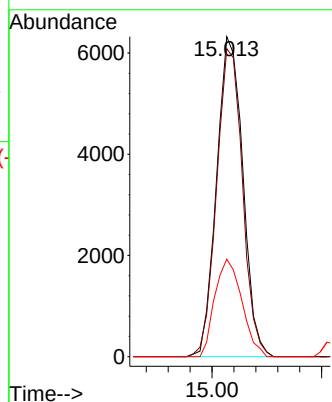
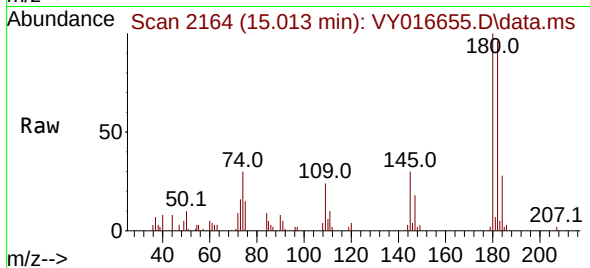
VSTDIC005

Tgt Ion:180	Resp:	10490
Ion Ratio	Lower	Upper
180	100	
182	95.0	47.0 141.2
145	31.5	14.5 43.5

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023



#94

Hexachlorobutadiene

Concen: 5.383 ug/l

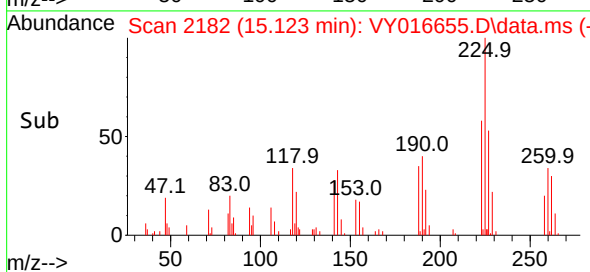
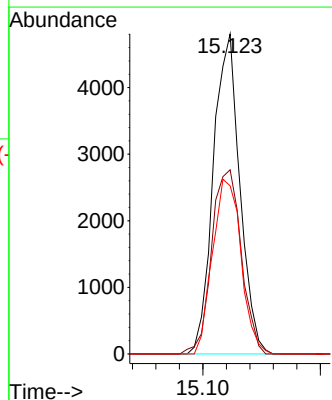
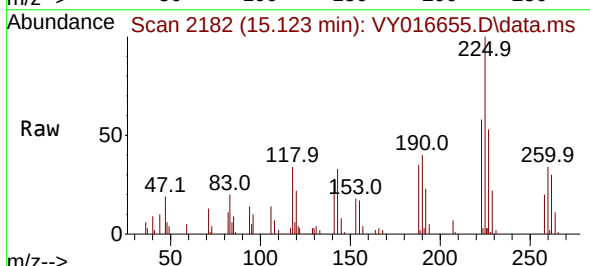
RT: 15.123 min Scan# 2182

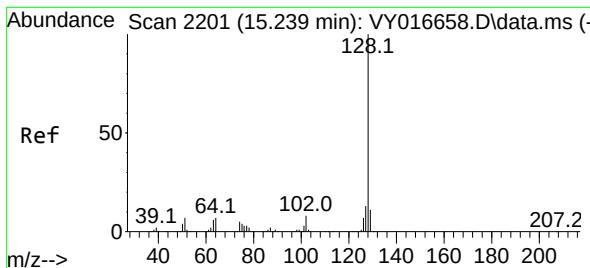
Delta R.T. 0.006 min

Lab File: VY016655.D

Acq: 15 Dec 2023 15:05

Tgt Ion:225	Resp:	7525
Ion Ratio	Lower	Upper
225	100	
223	64.0	31.9 95.9
227	58.8	33.0 98.9





#95

Naphthalene

Concen: 3.981 ug/l

RT: 15.245 min Scan# 2201

Delta R.T. 0.006 min

Lab File: VY016655.D

Acq: 15 Dec 2023 15:05

Instrument :

MSVOA_Y

ClientSampleId :

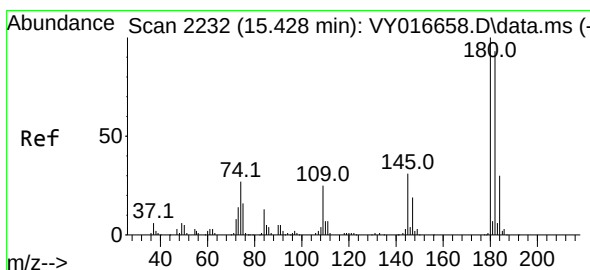
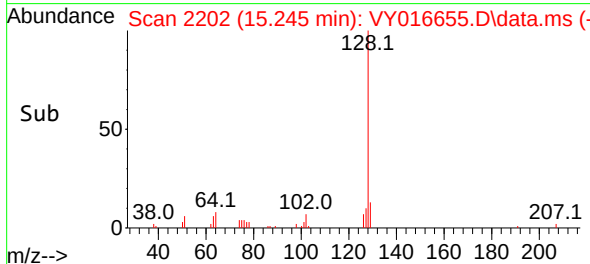
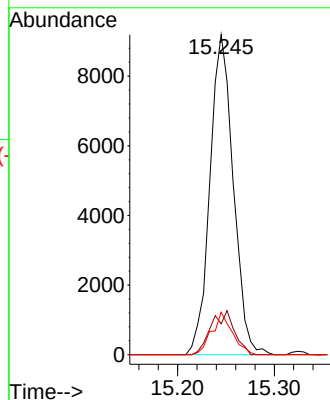
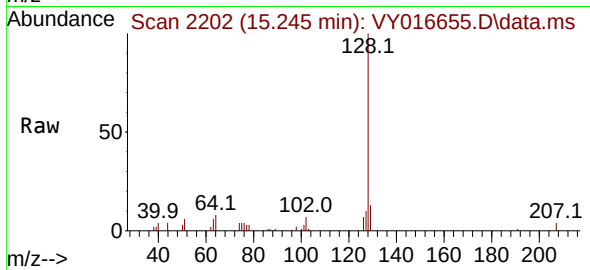
VSTDIC005

Tgt Ion:128	Resp:	15434
Ion Ratio	Lower	Upper
128	100	
127	13.8	10.8 16.2
129	11.6	8.6 13.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023



#96

1,2,3-Trichlorobenzene

Concen: 4.440 ug/l

RT: 15.434 min Scan# 2233

Delta R.T. 0.006 min

Lab File: VY016655.D

Acq: 15 Dec 2023 15:05

Tgt Ion:180	Resp:	8525
Ion Ratio	Lower	Upper
180	100	
182	93.3	47.3 141.8
145	30.3	15.4 46.2

