

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121623\
 Data File : VY016667.D
 Acq On : 16 Dec 2023 14:05
 Operator : SY/MD
 Sample : VY1216SBS02
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1216SBS02

Manual Integrations
 APPROVED

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

Quant Time: Dec 18 00:38:59 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y121523S.M
 Quant Title : SW846 8260
 QLast Update : Sat Dec 16 00:39:52 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	257446	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	399836	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	344098	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	160262	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	112516	53.448	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 106.900%			
35) Dibromofluoromethane	7.722	113	120255	56.071	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 112.140%			
50) Toluene-d8	10.185	98	454292	53.571	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 107.140%			
62) 4-Bromofluorobenzene	12.489	95	145665	52.998	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 106.000%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	39628	19.751	ug/l	99
3) Chloromethane	2.113	50	63394	20.275	ug/l	97
4) Vinyl Chloride	2.253	62	77043	21.464	ug/l	97
5) Bromomethane	2.650	94	53838	20.957	ug/l	99
6) Chloroethane	2.796	64	50268	21.532	ug/l	94
7) Trichlorofluoromethane	3.125	101	85833	21.410	ug/l	96
8) Diethyl Ether	3.534	74	27001	21.561	ug/l	79
9) 1,1,2-Trichlorotrifluo...	3.899	101	51807	20.895	ug/l	96
10) Methyl Iodide	4.094	142	53448	20.713	ug/l	95
11) Tert butyl alcohol	4.954	59	20704	121.859	ug/l #	85
12) 1,1-Dichloroethene	3.875	96	49542	21.196	ug/l	85
13) Acrolein	3.735	56	16088	120.571	ug/l	96
14) Allyl chloride	4.485	41	64837	20.459	ug/l #	94
15) Acrylonitrile	5.173	53	53845	103.324	ug/l	99
16) Acetone	3.948	43	74943	138.092	ug/l #	88
17) Carbon Disulfide	4.198	76	147931	20.010	ug/l	100
18) Methyl Acetate	4.485	43	40672	20.685	ug/l #	89
19) Methyl tert-butyl Ether	5.228	73	116505	21.258	ug/l	95
20) Methylene Chloride	4.722	84	66675	22.361	ug/l	87
21) trans-1,2-Dichloroethene	5.228	96	56152	20.620	ug/l	87
22) Diisopropyl ether	6.125	45	141549	20.841	ug/l #	88
23) Vinyl Acetate	6.064	43	354911	106.051	ug/l #	91
24) 1,1-Dichloroethane	6.021	63	90458	20.409	ug/l	97
25) 2-Butanone	6.996	43	91578	121.909	ug/l	94
26) 2,2-Dichloropropane	6.984	77	81826	20.794	ug/l	95
27) cis-1,2-Dichloroethene	6.990	96	62256	21.169	ug/l	89
28) Bromochloromethane	7.344	49	31434	21.761	ug/l	86
29) Tetrahydrofuran	7.350	42	44027	107.571	ug/l #	86
30) Chloroform	7.508	83	97091	21.064	ug/l	99
31) Cyclohexane	7.789	56	83335	20.048	ug/l #	83
32) 1,1,1-Trichloroethane	7.703	97	88487	21.399	ug/l	98
36) 1,1-Dichloropropene	7.923	75	75063	21.131	ug/l	98
37) Ethyl Acetate	7.082	43	32509	22.207	ug/l #	95
38) Carbon Tetrachloride	7.911	117	77445	21.705	ug/l	98
39) Methylcyclohexane	9.191	83	92644	20.751	ug/l	92
40) Benzene	8.167	78	219584	21.091	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.313	41	13408	18.183	ug/l #	85
42) 1,2-Dichloroethane	8.246	62	56958	21.405	ug/l	93
43) Isopropyl Acetate	8.277	43	58807	21.858	ug/l #	88
44) Trichloroethene	8.947	130	62278	21.479	ug/l	100
45) 1,2-Dichloropropane	9.222	63	51473	21.163	ug/l	98
46) Dibromomethane	9.313	93	29236	21.736	ug/l	98
47) Bromodichloromethane	9.502	83	72136	21.225	ug/l	99
48) Methyl methacrylate	9.295	41	31656	21.249	ug/l #	84
49) 1,4-Dioxane	9.307	88	5970	414.336	ug/l #	55
51) 4-Methyl-2-Pentanone	10.075	43	158088	112.038	ug/l	89
52) Toluene	10.252	92	138376	21.219	ug/l	96
53) t-1,3-Dichloropropene	10.471	75	69850	21.787	ug/l	100
54) cis-1,3-Dichloropropene	9.935	75	82325	21.357	ug/l	90
55) 1,1,2-Trichloroethane	10.648	97	41005	21.696	ug/l	97
56) Ethyl methacrylate	10.514	69	35511	21.671	ug/l #	85
57) 1,3-Dichloropropane	10.794	76	67616	21.497	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.788	63	89000	86.991	ug/l	93
59) 2-Hexanone	10.837	43	135872	117.373	ug/l	86
60) Dibromochloromethane	10.989	129	50749	22.156	ug/l	99
61) 1,2-Dibromoethane	11.093	107	38809	21.879	ug/l	98
64) Tetrachloroethene	10.727	164	61868	21.946	ug/l	95
65) Chlorobenzene	11.520	112	144653	21.552	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	53754	21.899	ug/l	99
67) Ethyl Benzene	11.599	91	255921	21.194	ug/l	95
68) m/p-Xylenes	11.709	106	200067	42.948	ug/l	93
69) o-Xylene	12.038	106	92453	21.698	ug/l	94
70) Styrene	12.050	104	132588	21.477	ug/l	96
71) Bromoform	12.215	173	29218	21.950	ug/l #	98
73) Isopropylbenzene	12.337	105	247004	21.912	ug/l	99
74) N-amyl acetate	12.148	43	48493	22.952	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.587	83	43629	22.750	ug/l	99
76) 1,2,3-Trichloropropane	12.642	75	31772m	21.643	ug/l	
77) Bromobenzene	12.617	156	57121	21.628	ug/l	94
78) n-propylbenzene	12.678	91	294949	21.890	ug/l	100
79) 2-Chlorotoluene	12.764	91	161883	21.879	ug/l	98
80) 1,3,5-Trimethylbenzene	12.818	105	197568	21.919	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.386	75	13831	21.531	ug/l	92
82) 4-Chlorotoluene	12.861	91	167751	21.925	ug/l	98
83) tert-Butylbenzene	13.081	119	173621	22.075	ug/l	96
84) 1,2,4-Trimethylbenzene	13.123	105	196569	21.989	ug/l	97
85) sec-Butylbenzene	13.257	105	253674	21.981	ug/l	100
86) p-Isopropyltoluene	13.373	119	217173	22.041	ug/l	97
87) 1,3-Dichlorobenzene	13.373	146	108861	21.207	ug/l	98
88) 1,4-Dichlorobenzene	13.452	146	110411	21.875	ug/l	99
89) n-Butylbenzene	13.702	91	200247	21.877	ug/l	98
90) Hexachloroethane	13.965	117	42056	21.444	ug/l	89
91) 1,2-Dichlorobenzene	13.745	146	96887	21.998	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	5934	21.379	ug/l	87
93) 1,2,4-Trichlorobenzene	15.007	180	52136	21.913	ug/l	99
94) Hexachlorobutadiene	15.117	225	31919	22.351	ug/l	95
95) Naphthalene	15.239	128	91375	23.542	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	42165	21.499	ug/l	98

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ClientSampleId :
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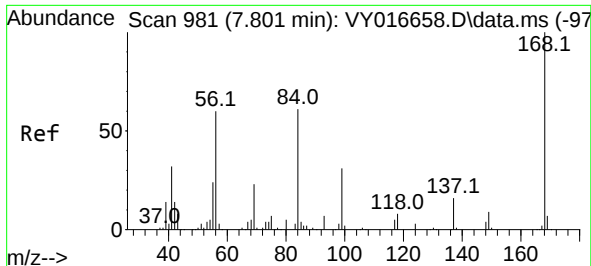
Manual Integrations
APPROVED

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Supervised By :Semsettin Yesilyurt 12/18/2023

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Response via : Initial Calibration

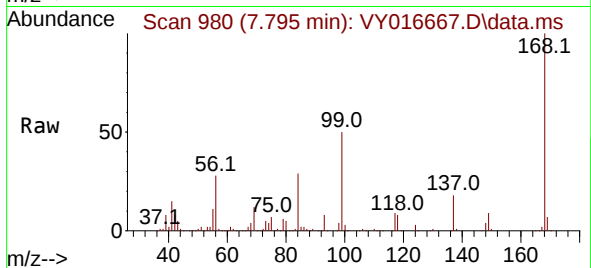
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 99
Delta R.T. -0.006 min
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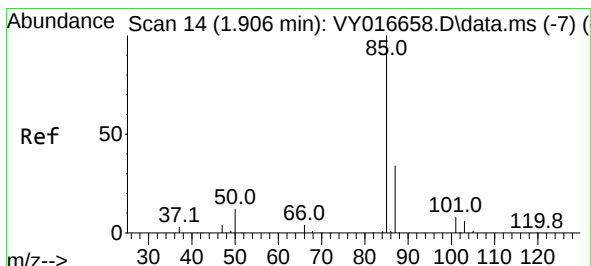
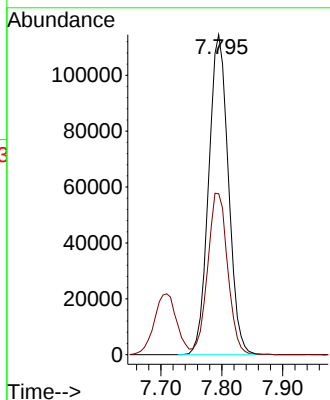
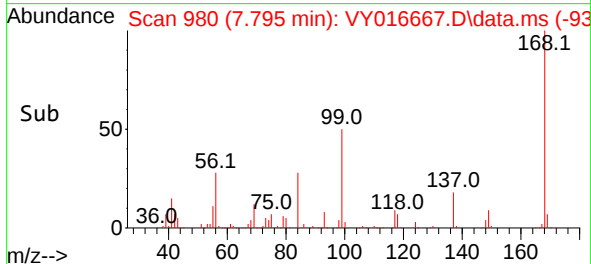
Instrument :
MSVOA_Y
ClientSampleId :
VY1216SBSD02



Tgt Ion:168 Resp: 257440
Ion Ratio Lower Upper
168 100
99 50.3 43.4 65.0

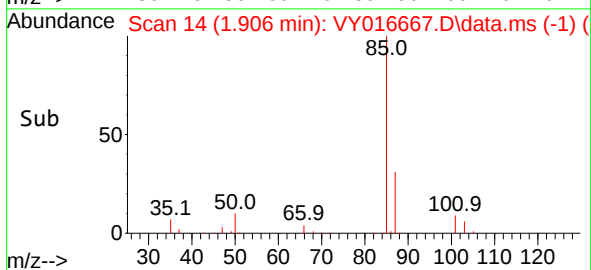
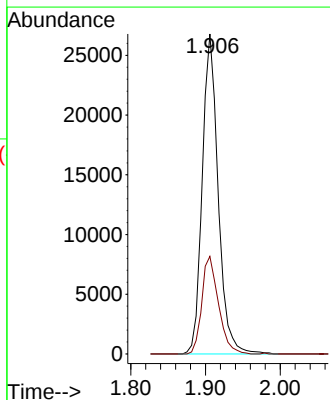
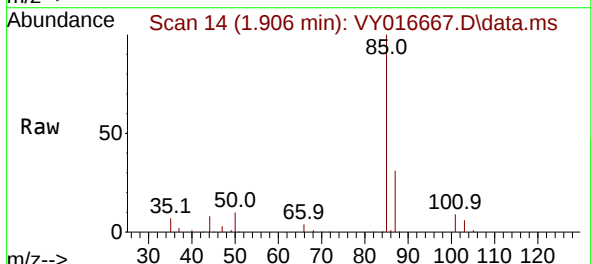
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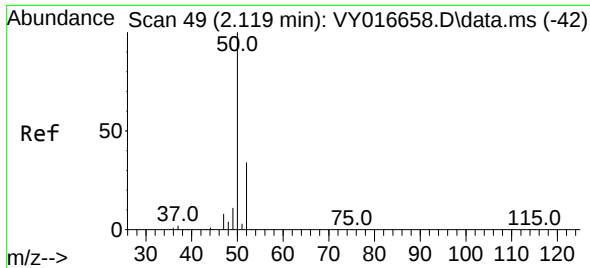
Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023



#2
Dichlorodifluoromethane
Concen: 19.751 ug/l
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY016667.D
Acq: 16 Dec 2023 14:05

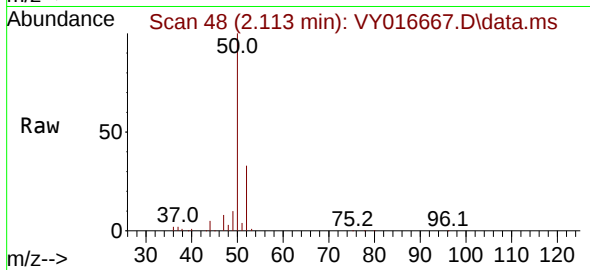
Tgt Ion: 85 Resp: 39628
Ion Ratio Lower Upper
85 100
87 30.5 15.6 46.8





#3
Chloromethane
Concen: 20.275 ug/l
RT: 2.113 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY016667.D
Acq: 16 Dec 2023 14:05

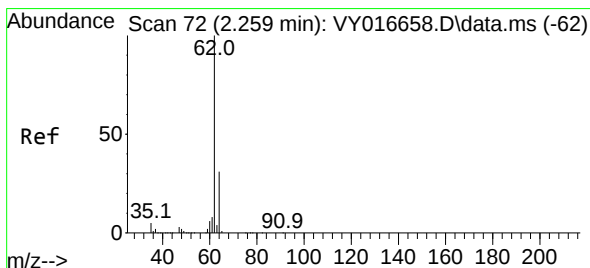
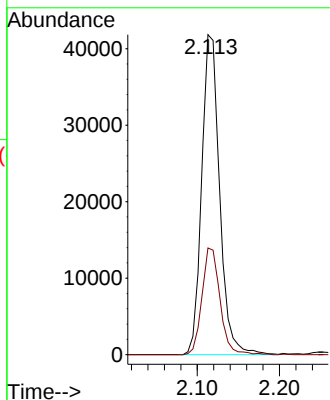
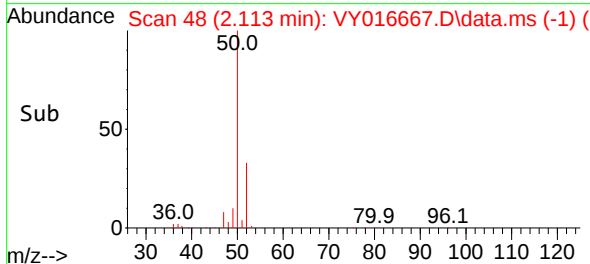
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ClientSampleId :
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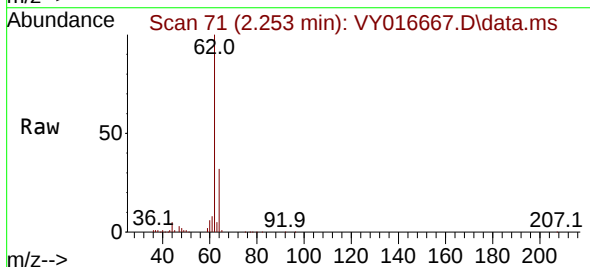
Tgt Ion: 50 Resp: 63394
Ion Ratio Lower Upper
50 100
52 33.4 25.4 38.2

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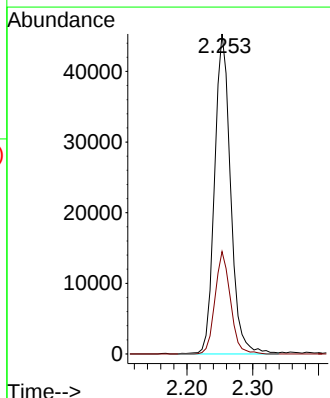
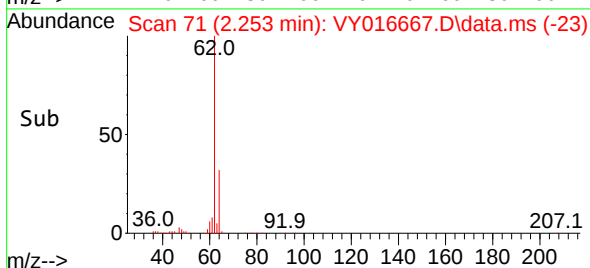
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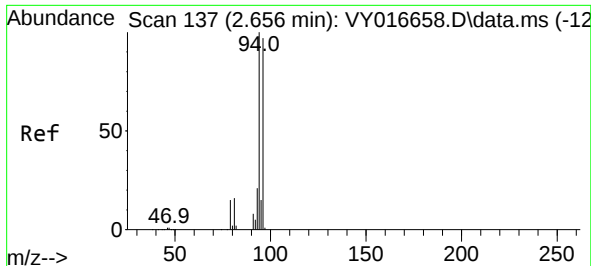


#4
Vinyl Chloride
Concen: 21.464 ug/l
RT: 2.253 min Scan# 71
Delta R.T. -0.006 min
Lab File: VY016667.D
Acq: 16 Dec 2023 14:05



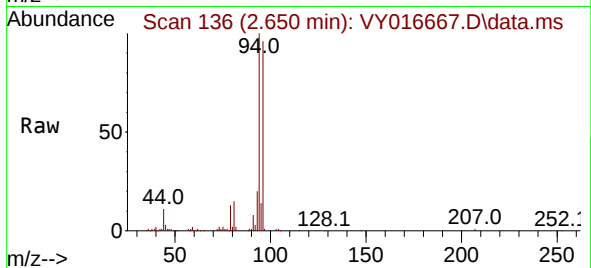
Tgt Ion: 62 Resp: 77043
Ion Ratio Lower Upper
62 100
64 32.0 24.3 36.5





#5
Bromomethane
Concen: 20.957 ug/l
RT: 2.650 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY016667.D
Acq: 16 Dec 2023 14:05

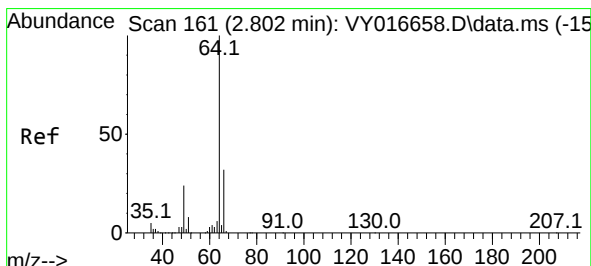
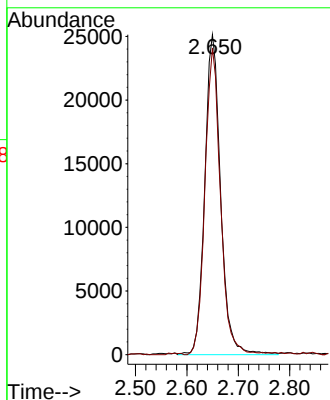
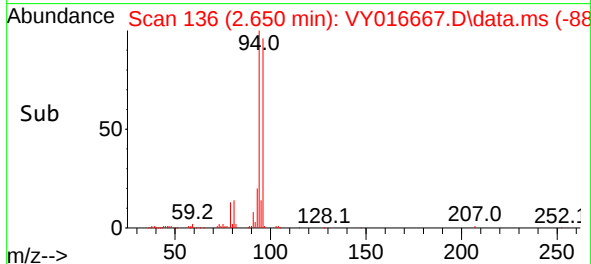
Instrument :
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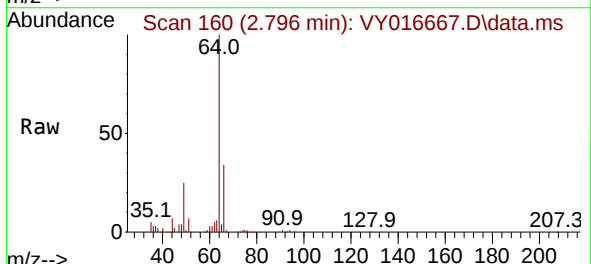
Tgt Ion: 94 Resp: 5383
Ion Ratio Lower Upper
94 100
96 95.5 75.8 113.6

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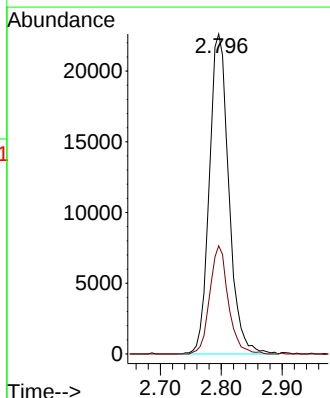
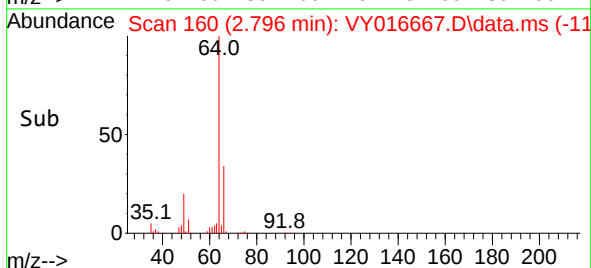
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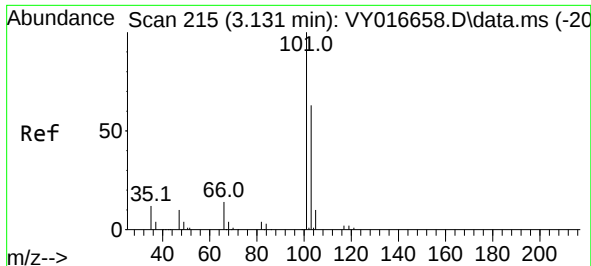


#6
Chloroethane
Concen: 21.532 ug/l
RT: 2.796 min Scan# 160
Delta R.T. -0.006 min
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Tgt Ion: 64 Resp: 50268
Ion Ratio Lower Upper
64 100
66 33.8 24.4 36.6





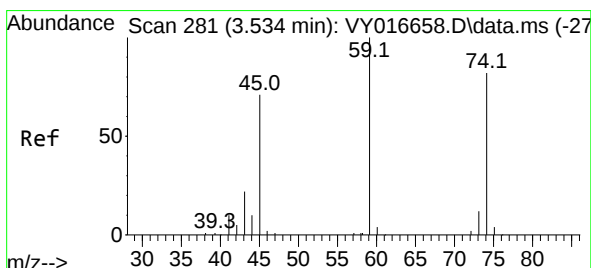
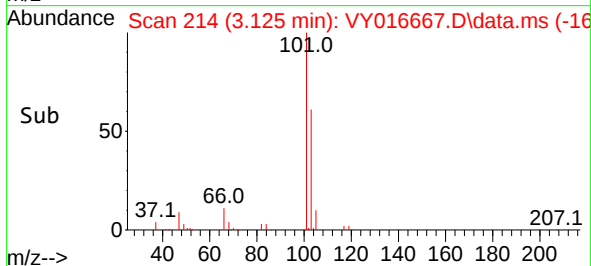
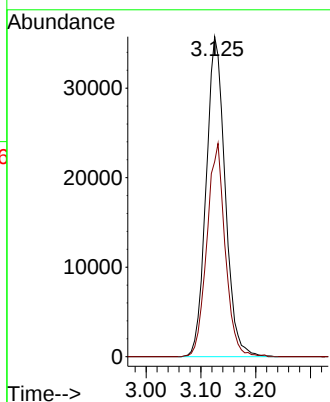
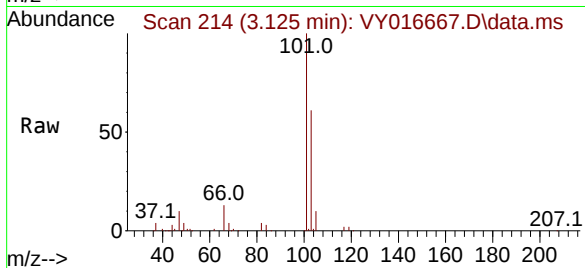
#7
 Trichlorofluoromethane
 Concen: 21.410 ug/l
 RT: 3.125 min Scan# 215
 Delta R.T. -0.006 min
 Lab File: VY016667.D
 Acq: 16 Dec 2023 14:05

Instrument :
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Tgt Ion:101 Resp: 8583
 Ion Ratio Lower Upper
 101 100
 103 61.0 51.4 77.0

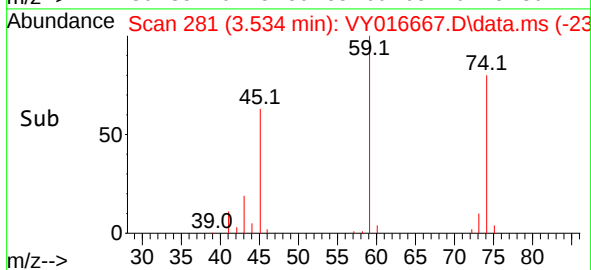
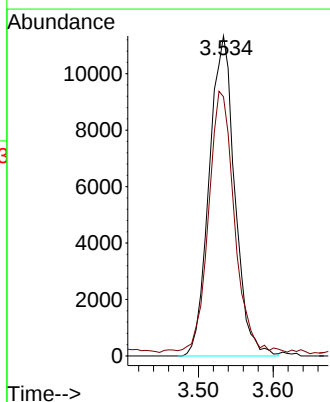
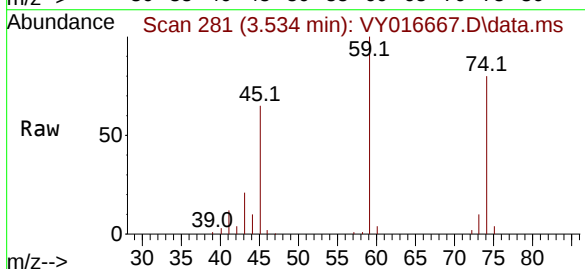
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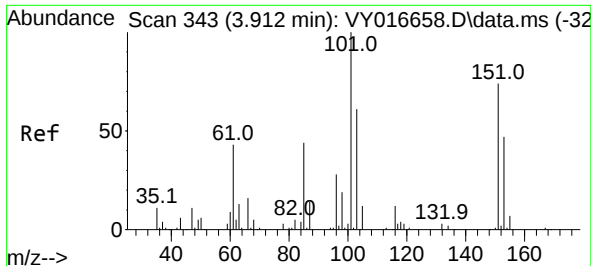
Reviewed By :Mahesh Dadoda 12/18/2023
 Supervised By :Semsettin Yesilyurt 12/18/2023



#8
 Diethyl Ether
 Concen: 21.561 ug/l
 RT: 3.534 min Scan# 281
 Delta R.T. -0.000 min
 Lab File: VY016667.D
 Acq: 16 Dec 2023 14:05

Tgt Ion: 74 Resp: 27001
 Ion Ratio Lower Upper
 74 100
 45 81.7 51.5 154.5





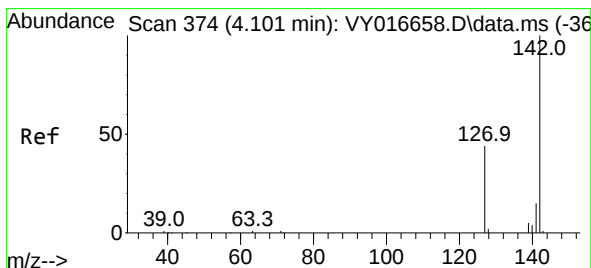
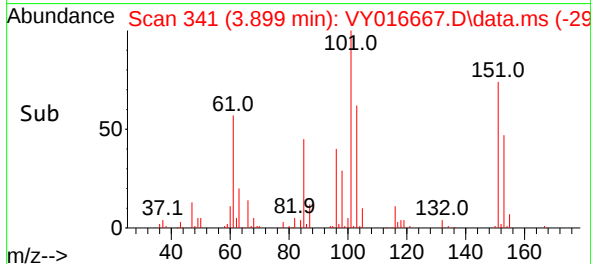
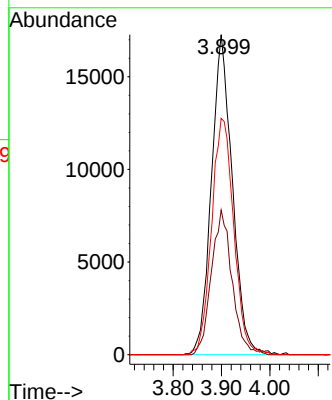
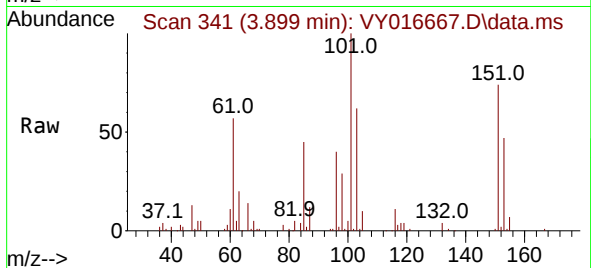
#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.895 ug/l
RT: 3.899 min Scan# 341
Delta R.T. -0.012 min
Lab File: VY016667.D
Acq: 16 Dec 2023 14:05

Instrument :
MSVOA_Y
ClientSampleId :
VY1216SBS02

Tgt Ion:101 Resp: 5180
Ion Ratio Lower Upper
101 100
85 44.7 36.6 55.0
151 78.4 67.0 100.6

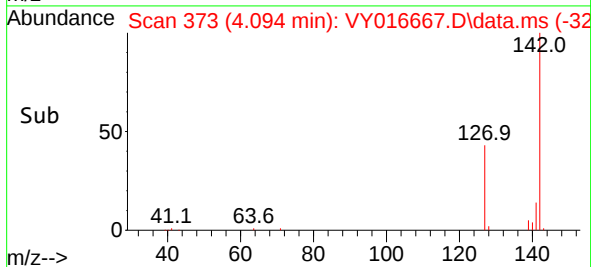
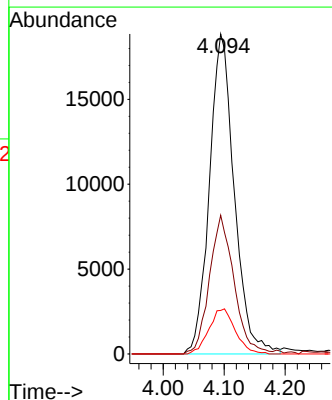
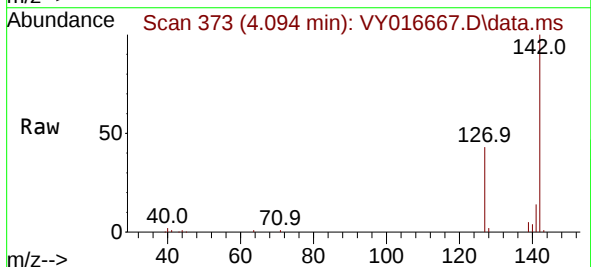
Manual Integrations
APPROVED

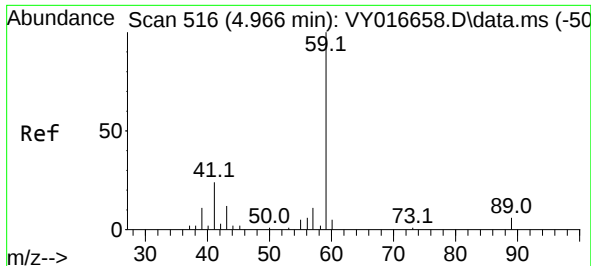
Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023



#10
Methyl Iodide
Concen: 20.713 ug/l
RT: 4.094 min Scan# 373
Delta R.T. -0.006 min
Lab File: VY016667.D
Acq: 16 Dec 2023 14:05

Tgt Ion:142 Resp: 53448
Ion Ratio Lower Upper
142 100
127 42.7 37.6 56.4
141 14.9 11.8 17.8





#11

Tert butyl alcohol

Concen: 121.859 ug/l

RT: 4.954 min Scan# 516

Delta R.T. -0.012 min

Lab File: VY016667.D

Acq: 16 Dec 2023 14:05

Instrument :

MSVOA_Y

ClientSampleId :

VY1216SBS02

Tgt Ion: 59 Resp: 20704

Ion Ratio Lower Upper

59 100

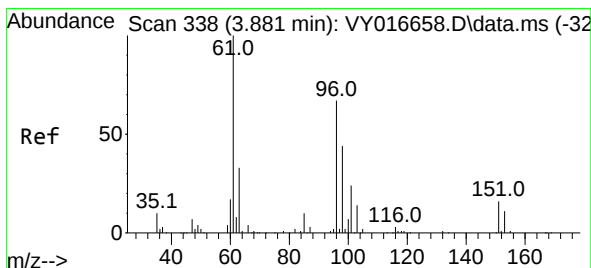
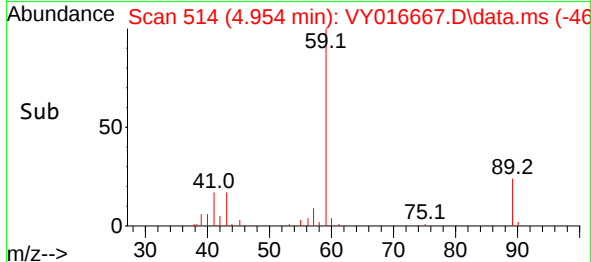
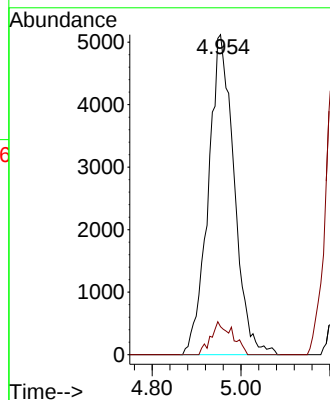
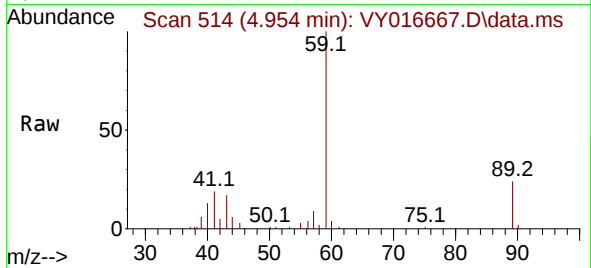
57 8.5 3.0 4.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/18/2023

Supervised By :Semsettin Yesilyurt 12/18/2023



#12

1,1-Dichloroethene

Concen: 21.196 ug/l

RT: 3.875 min Scan# 337

Delta R.T. -0.006 min

Lab File: VY016667.D

Acq: 16 Dec 2023 14:05

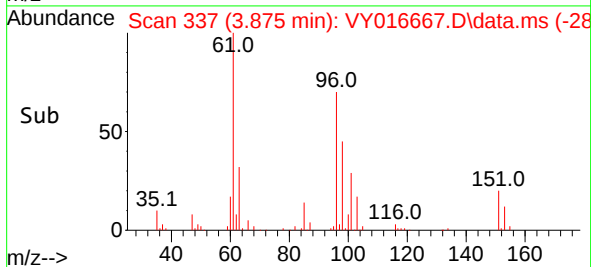
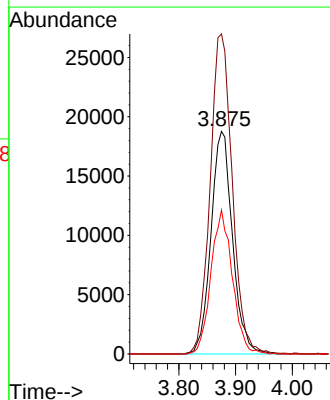
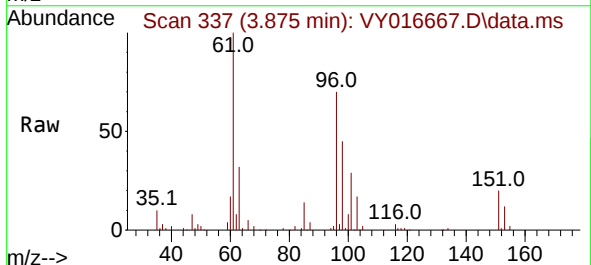
Tgt Ion: 96 Resp: 49542

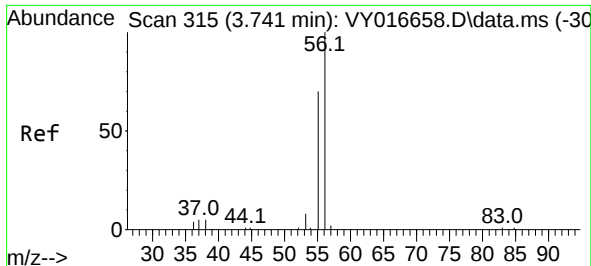
Ion Ratio Lower Upper

96 100

61 143.7 136.4 204.6

98 64.7 49.4 74.2





#13

Acrolein

Concen: 120.571 ug/l

RT: 3.735 min Scan# 315

Delta R.T. -0.006 min

Lab File: VY016667.D

Acq: 16 Dec 2023 14:05

Instrument :

MSVOA_Y

ClientSampleId :

VY1216SBS02

Tgt Ion: 56 Resp: 16088

Ion Ratio Lower Upper

56 100

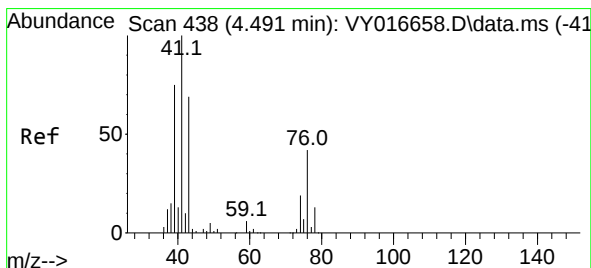
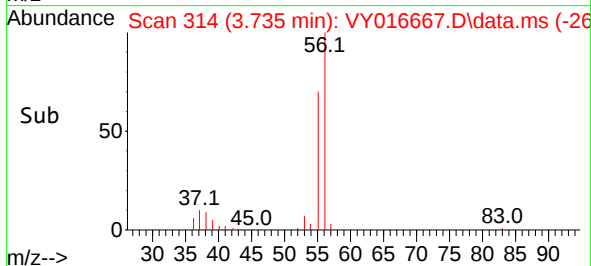
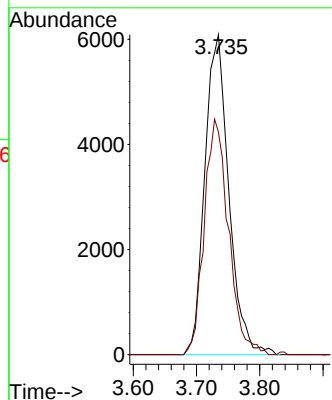
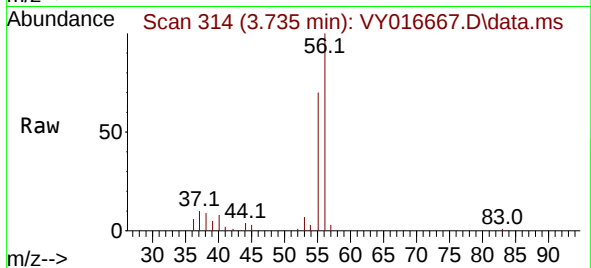
55 74.4 57.0 85.4

Manual Integrations

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Reviewed By :Mahesh Dadoda 12/18/2023

Supervised By :Semsettin Yesilyurt 12/18/2023



#14

Allyl chloride

Concen: 20.459 ug/l

RT: 4.485 min Scan# 437

Delta R.T. -0.006 min

Lab File: VY016667.D

Acq: 16 Dec 2023 14:05

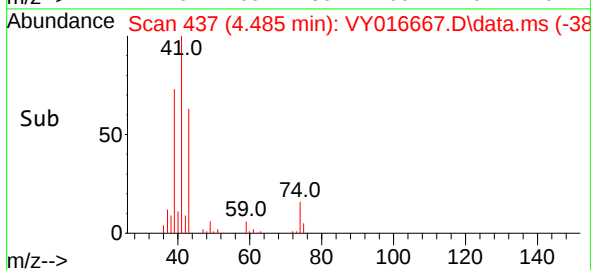
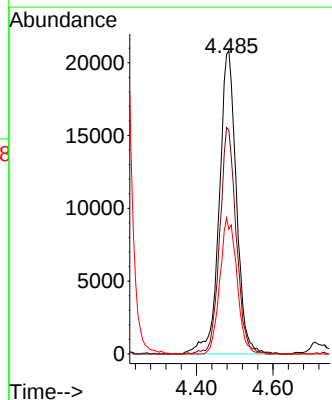
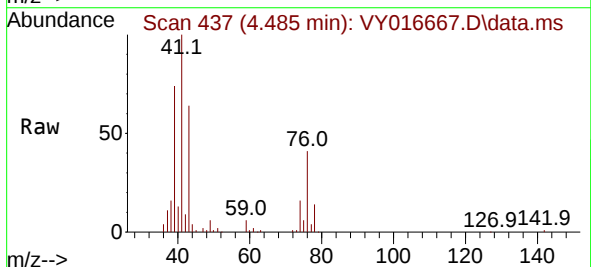
Tgt Ion: 41 Resp: 64837

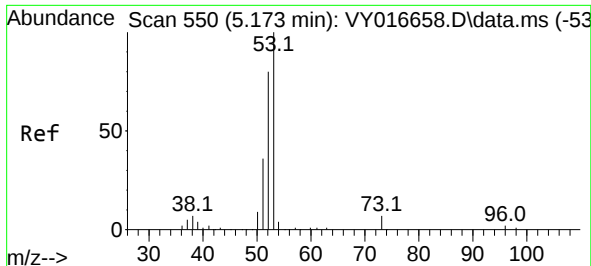
Ion Ratio Lower Upper

41 100

39 71.7 58.0 87.0

76 44.4 27.4 41.2#





#15

Acrylonitrile

Concen: 103.324 ug/l

RT: 5.173 min Scan# 51

Delta R.T. -0.000 min

Lab File: VY016667.D

Acq: 16 Dec 2023 14:05

Instrument :

MSVOA_Y

ClientSampleId :

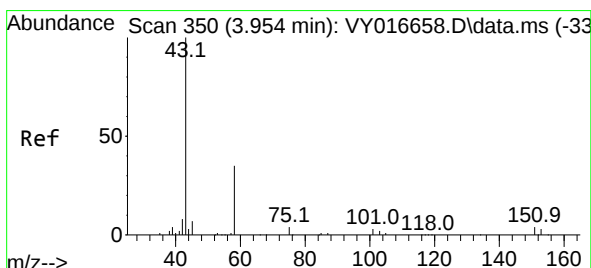
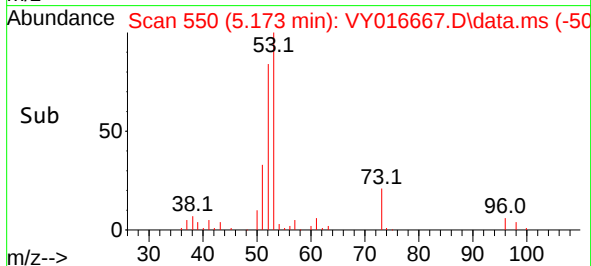
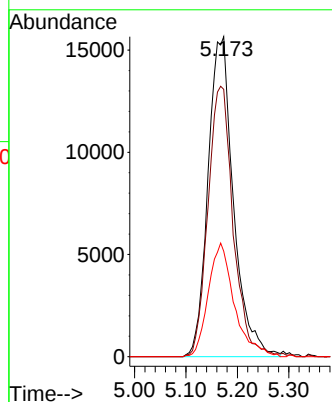
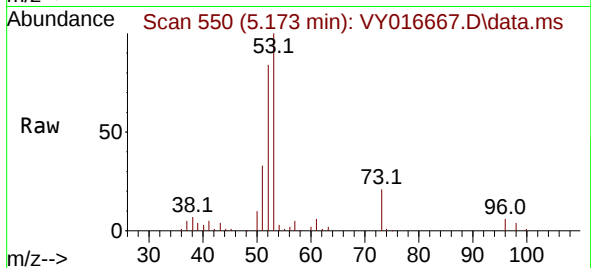
VY1216SBS02

Tgt Ion: 53	Resp: 5384
Ion Ratio	Lower Upper
53 100	
52 83.9	66.9 100.3
51 36.3	29.8 44.6

Manual Integrations

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



#16

Acetone

Concen: 138.092 ug/l

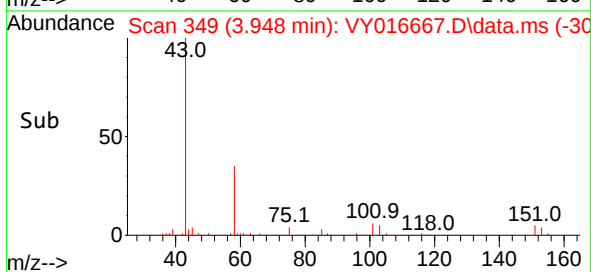
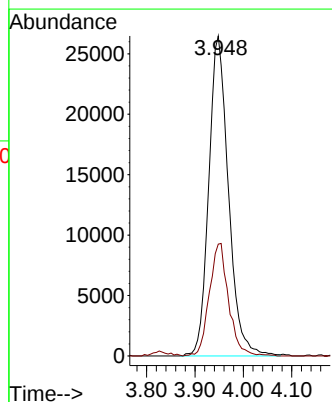
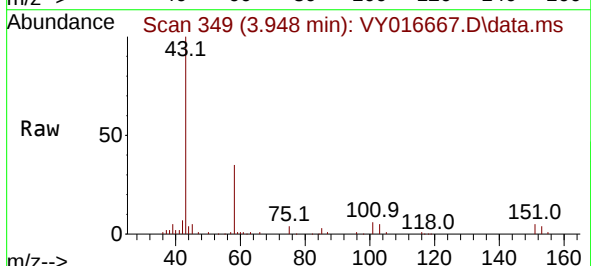
RT: 3.948 min Scan# 349

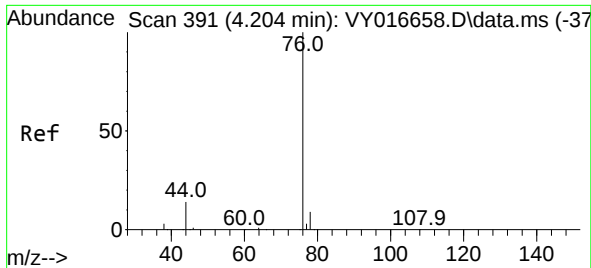
Delta R.T. -0.006 min

Lab File: VY016667.D

Acq: 16 Dec 2023 14:05

Tgt Ion: 43	Resp: 74943
Ion Ratio	Lower Upper
43 100	
58 35.0	22.7 34.1#





#17

Carbon Disulfide

Concen: 20.010 ug/l

RT: 4.198 min Scan# 391

Delta R.T. -0.006 min

Lab File: VY016667.D

Acq: 16 Dec 2023 14:05

Instrument :

MSVOA_Y

ClientSampleId :

VY1216SBS02

Tgt Ion: 76 Resp: 14793

Ion Ratio Lower Upper

76 100

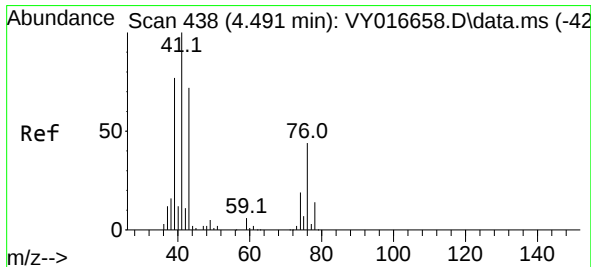
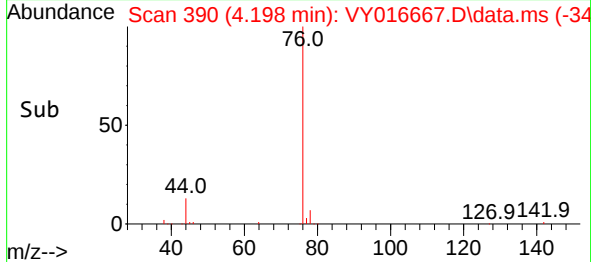
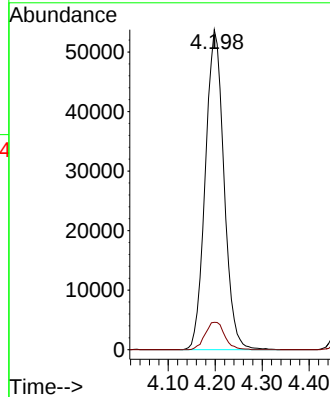
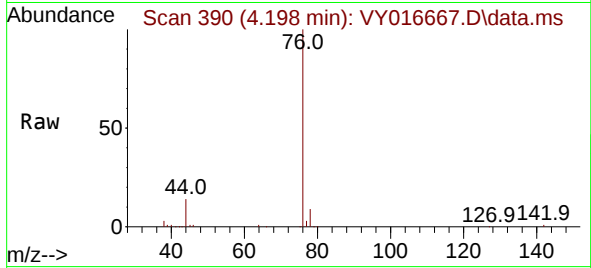
78 8.5 7.0 10.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/18/2023

Supervised By :Semsettin Yesilyurt 12/18/2023



#18

Methyl Acetate

Concen: 20.685 ug/l

RT: 4.485 min Scan# 437

Delta R.T. -0.006 min

Lab File: VY016667.D

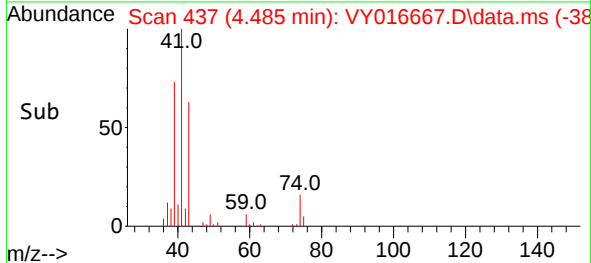
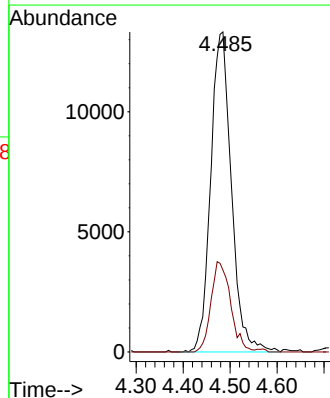
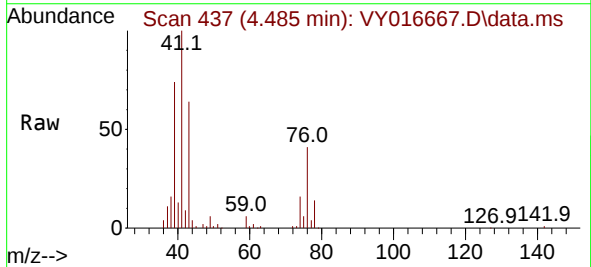
Acq: 16 Dec 2023 14:05

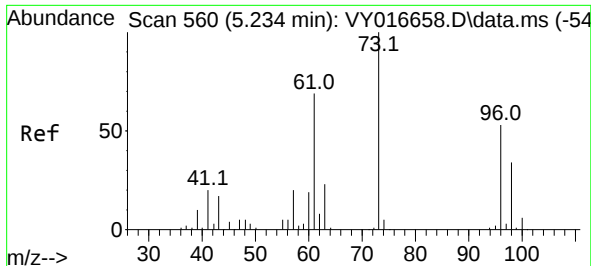
Tgt Ion: 43 Resp: 40672

Ion Ratio Lower Upper

43 100

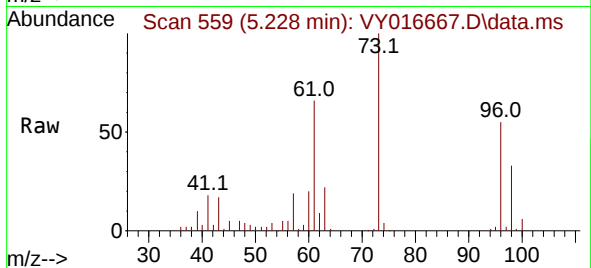
74 26.8 17.4 26.0#





#19
Methyl tert-butyl Ether
Concen: 21.258 ug/l
RT: 5.228 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY016667.D
Acq: 16 Dec 2023 14:05

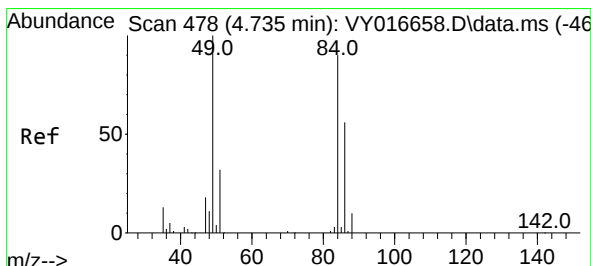
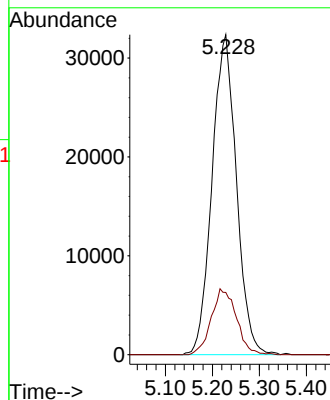
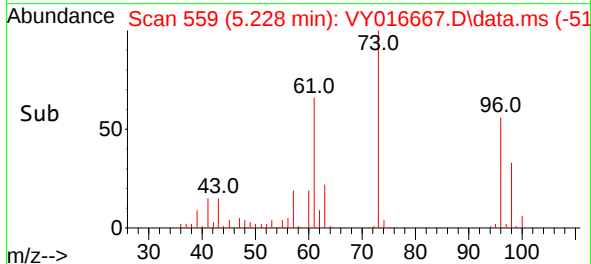
Instrument :
MSVOA_Y
ClientSampleId :
VY1216SBSD02



Tgt Ion: 73 Resp: 11650
Ion Ratio Lower Upper
73 100
57 19.5 17.3 25.9

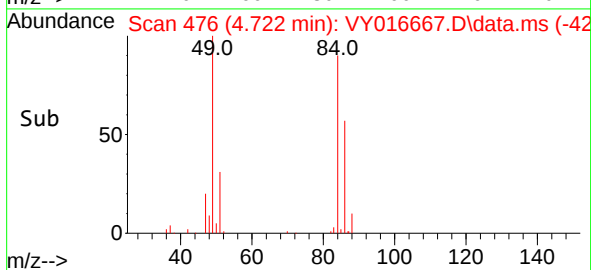
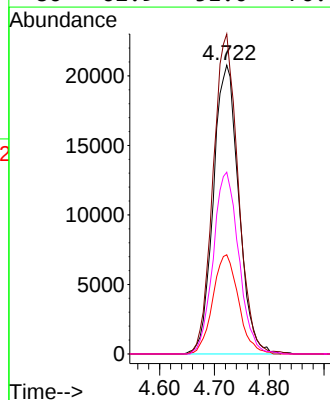
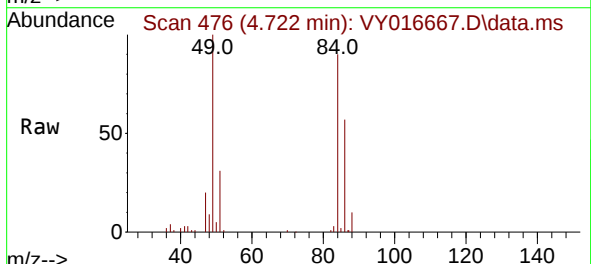
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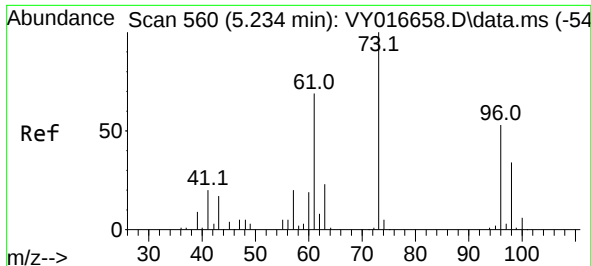
Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023



#20
Methylene Chloride
Concen: 22.361 ug/l
RT: 4.722 min Scan# 476
Delta R.T. -0.013 min
Lab File: VY016667.D
Acq: 16 Dec 2023 14:05

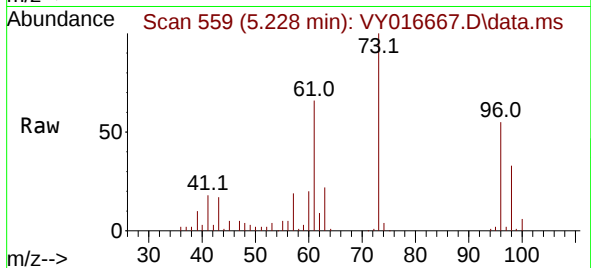
Tgt Ion: 84 Resp: 66675
Ion Ratio Lower Upper
84 100
49 110.8 106.9 160.3
51 34.4 33.2 49.8
86 62.9 51.0 76.6





#21
trans-1,2-Dichloroethene
Concen: 20.620 ug/l
RT: 5.228 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY016667.D
Acq: 16 Dec 2023 14:05

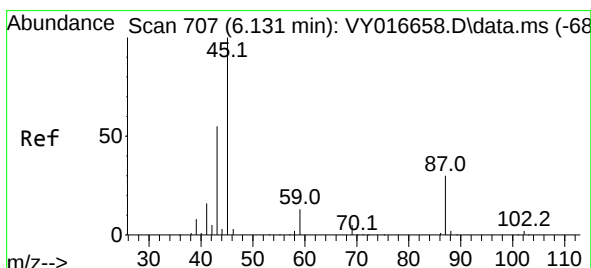
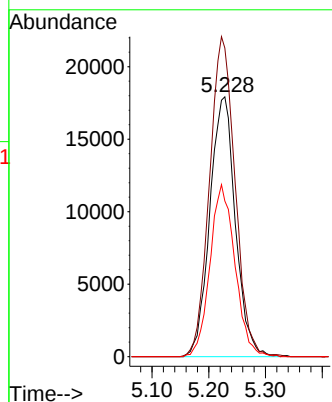
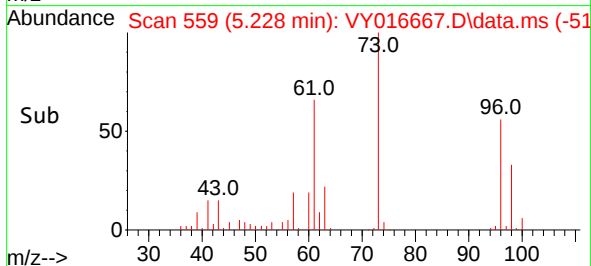
Instrument :
MSVOA_Y
ClientSampleId :
VY1216SBS02



Tgt Ion: 96 Resp: 56152
Ion Ratio Lower Upper
96 100
61 118.7 110.2 165.4
98 59.9 51.8 77.6

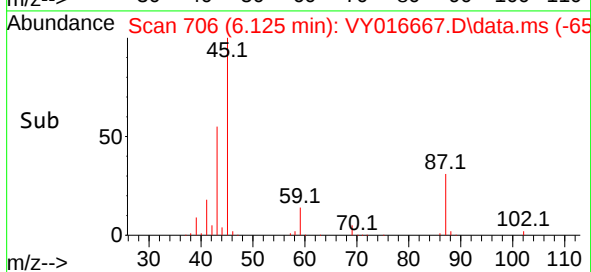
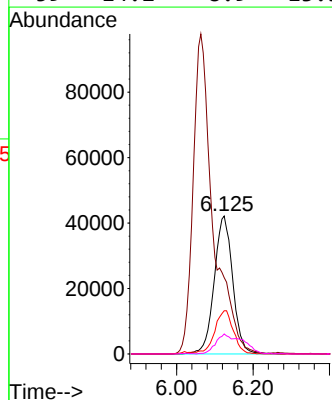
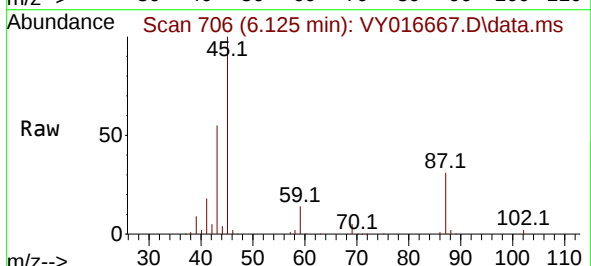
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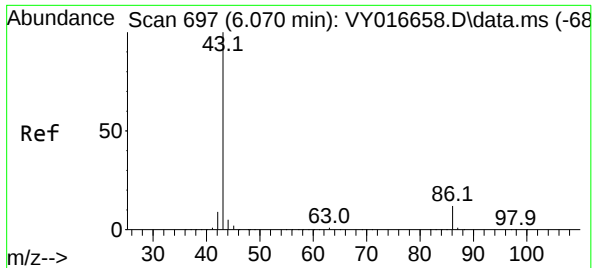
Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023



#22
Diisopropyl ether
Concen: 20.841 ug/l
RT: 6.125 min Scan# 706
Delta R.T. -0.006 min
Lab File: VY016667.D
Acq: 16 Dec 2023 14:05

Tgt Ion: 45 Resp: 141549
Ion Ratio Lower Upper
45 100
43 54.5 52.2 78.4
87 31.3 21.0 31.6
59 14.2 8.9 13.3#





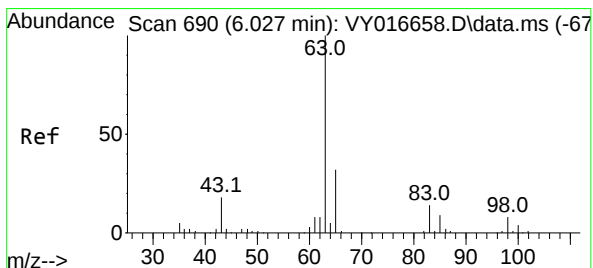
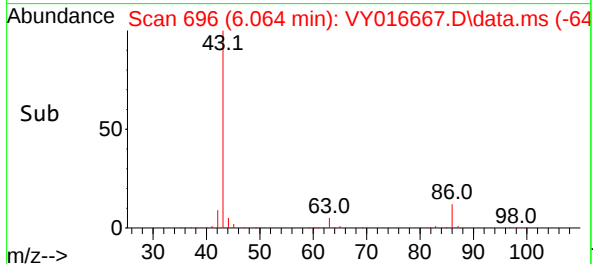
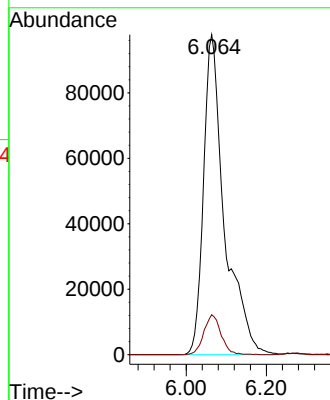
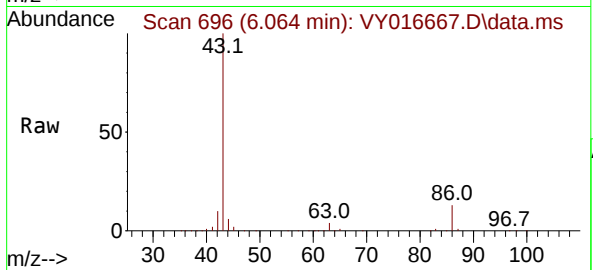
#23
 Vinyl Acetate
 Concen: 106.051 ug/l
 RT: 6.064 min Scan# 696
 Delta R.T. -0.006 min
 Lab File: VY016667.D
 Acq: 16 Dec 2023 14:05

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1216SBS02

Tgt Ion: 43 Resp: 35491
 Ion Ratio Lower Upper
 43 100
 86 12.5 7.5 11.3

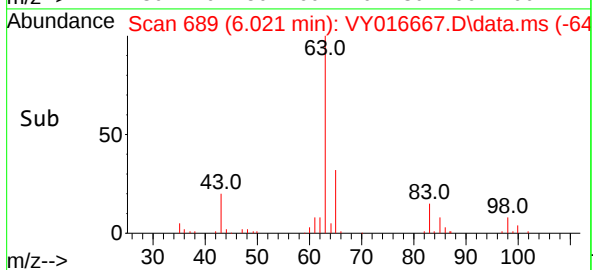
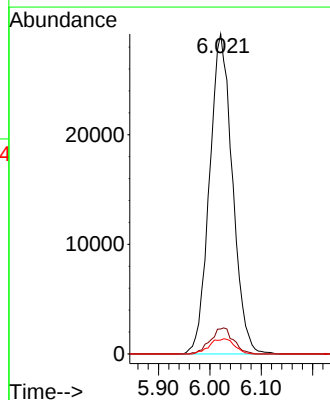
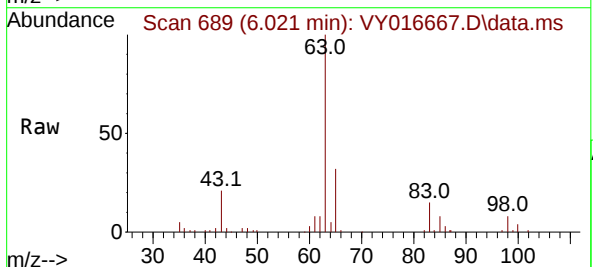
Manual Integrations
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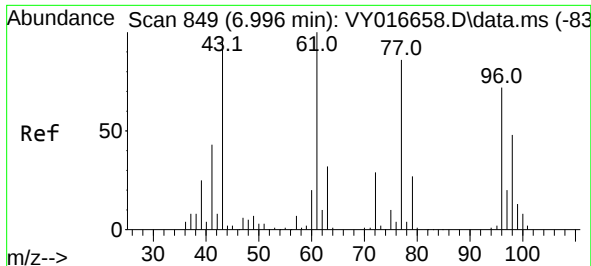
Reviewed By :Mahesh Dadoda 12/18/2023
 Supervised By :Semsettin Yesilyurt 12/18/2023



#24
 1,1-Dichloroethane
 Concen: 20.409 ug/l
 RT: 6.021 min Scan# 689
 Delta R.T. -0.006 min
 Lab File: VY016667.D
 Acq: 16 Dec 2023 14:05

Tgt Ion: 63 Resp: 90458
 Ion Ratio Lower Upper
 63 100
 98 7.8 3.1 9.4
 100 4.4 1.8 5.5





#25

2-Butanone

Concen: 121.909 ug/l

RT: 6.996 min Scan# 849

Delta R.T. 0.000 min

Lab File: VY016667.D

Acq: 16 Dec 2023 14:05

Instrument :

MSVOA_Y

ClientSampleId :

VY1216SBS02

Tgt Ion: 43 Resp: 91578

Ion Ratio Lower Upper

43 100

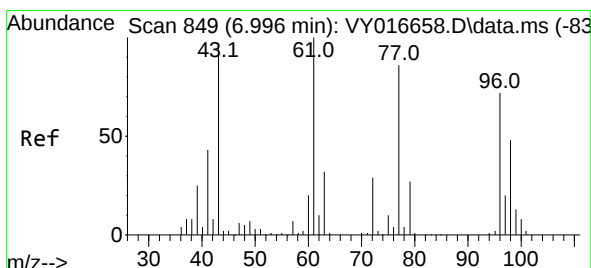
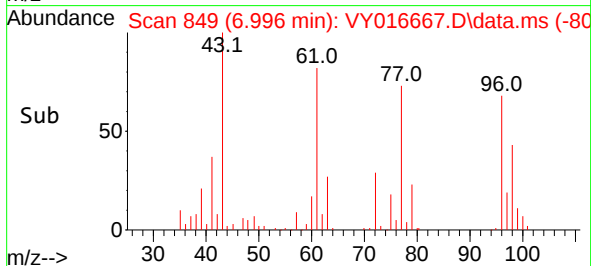
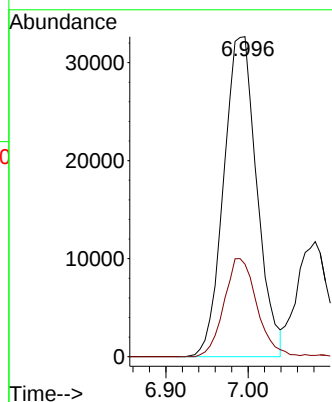
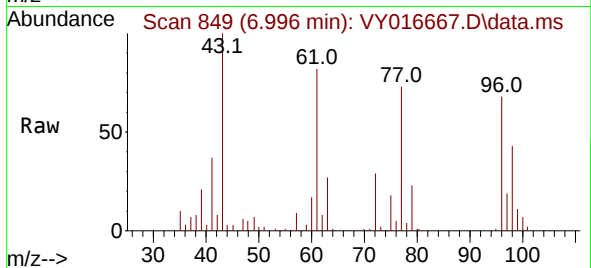
72 28.9 20.5 30.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/18/2023

Supervised By :Semsettin Yesilyurt 12/18/2023



#26

2,2-Dichloropropane

Concen: 20.794 ug/l

RT: 6.984 min Scan# 847

Delta R.T. -0.012 min

Lab File: VY016667.D

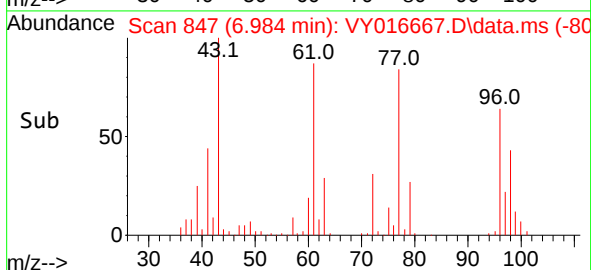
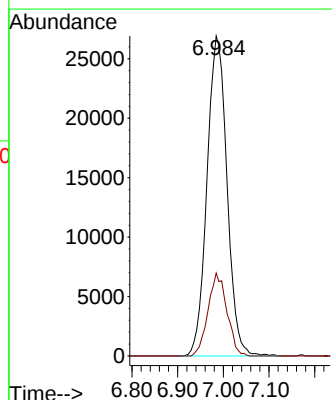
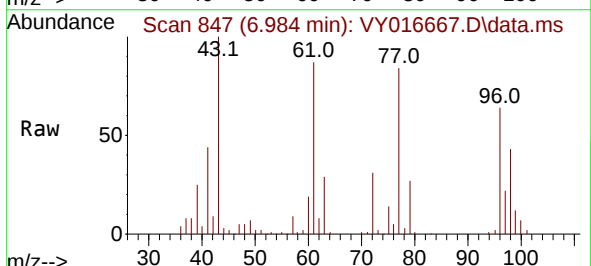
Acq: 16 Dec 2023 14:05

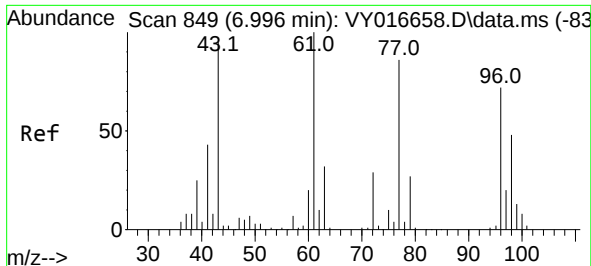
Tgt Ion: 77 Resp: 81826

Ion Ratio Lower Upper

77 100

97 24.4 10.9 32.9





#27

cis-1,2-Dichloroethene

Concen: 21.169 ug/l

RT: 6.990 min Scan# 849

Delta R.T. -0.006 min

Lab File: VY016667.D

Acq: 16 Dec 2023 14:05

Instrument :

MSVOA_Y

ClientSampleId :

VY1216SBS02

Tgt Ion: 96 Resp: 62250

Ion Ratio Lower Upper

96 100

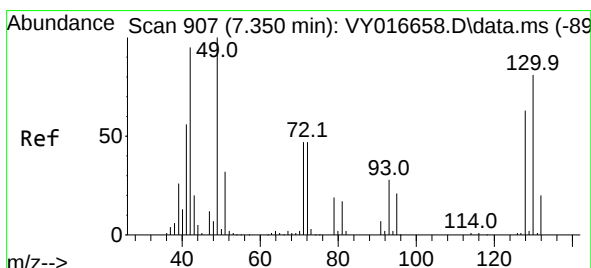
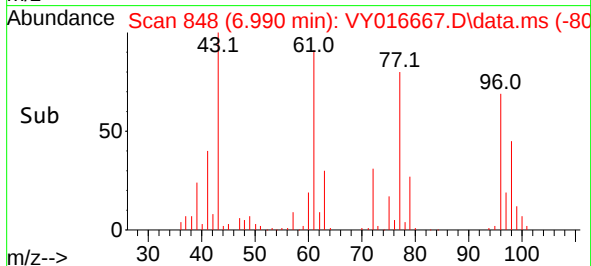
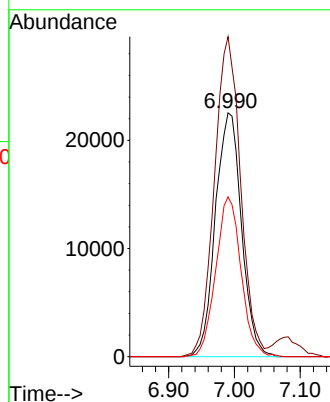
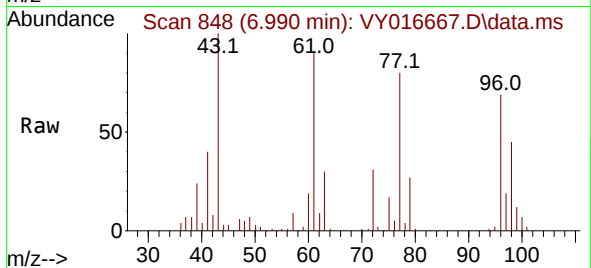
61 131.6 0.0 301.4

98 63.6 0.0 130.4

Manual Integrations

APPROVED

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



#28

Bromochloromethane

Concen: 21.761 ug/l

RT: 7.344 min Scan# 906

Delta R.T. -0.006 min

Lab File: VY016667.D

Acq: 16 Dec 2023 14:05

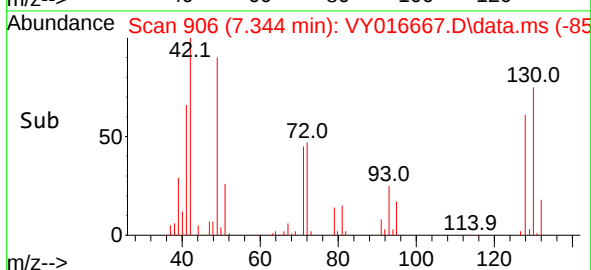
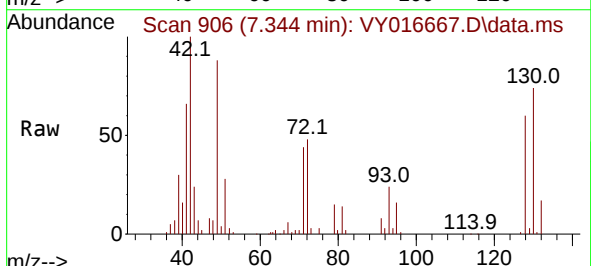
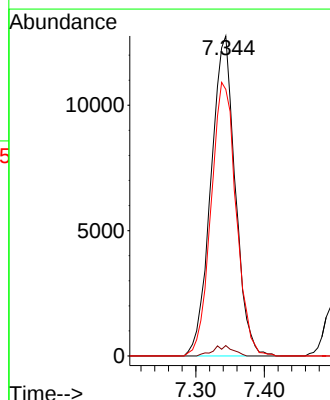
Tgt Ion: 49 Resp: 31434

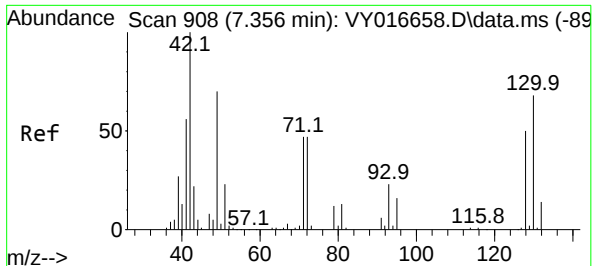
Ion Ratio Lower Upper

49 100

129 2.7 0.0 4.6

130 88.0 60.7 91.1





#29

Tetrahydrofuran

Concen: 107.571 ug/l

RT: 7.350 min Scan# 908

Delta R.T. -0.006 min

Lab File: VY016667.D

Acq: 16 Dec 2023 14:05

Instrument :

MSVOA_Y

ClientSampleId :

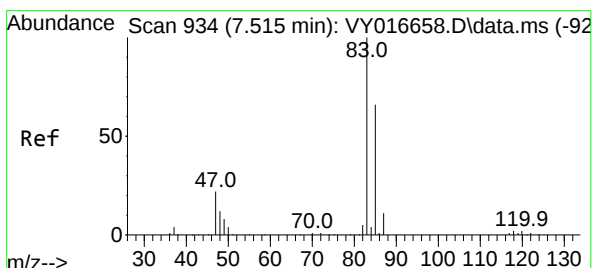
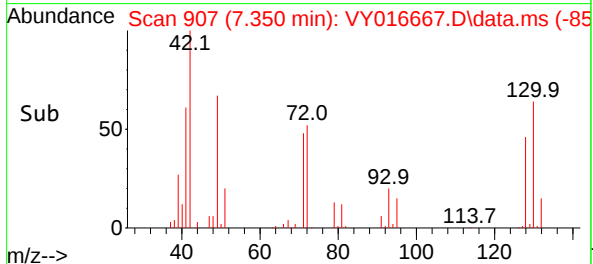
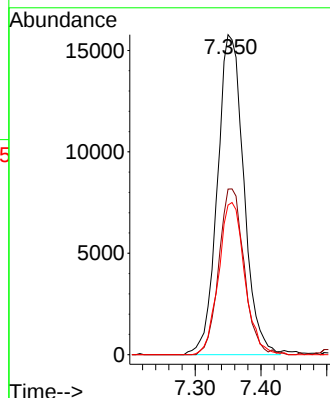
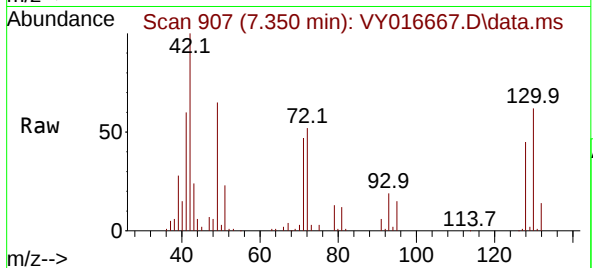
VY1216SBS02

Tgt Ion: 42 Resp: 4402
 Ion Ratio Lower Upper
 42 100
 72 49.6 32.8 49.2
 71 46.9 31.0 46.4

Manual Integrations

APPROVED

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



#30

Chloroform

Concen: 21.064 ug/l

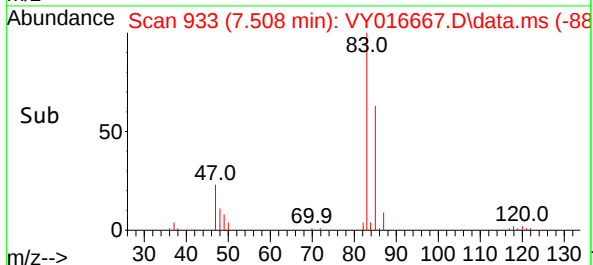
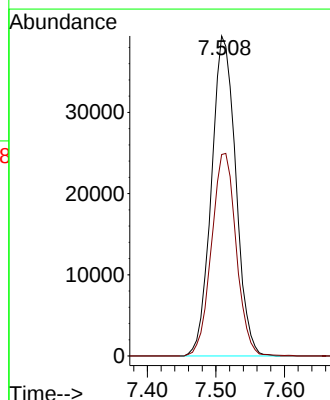
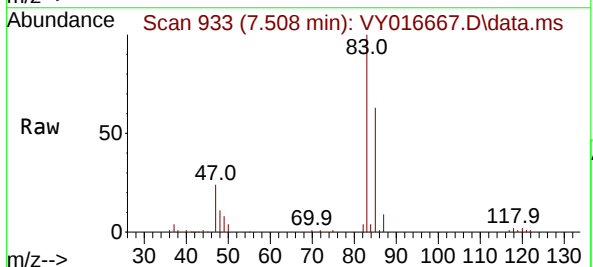
RT: 7.508 min Scan# 933

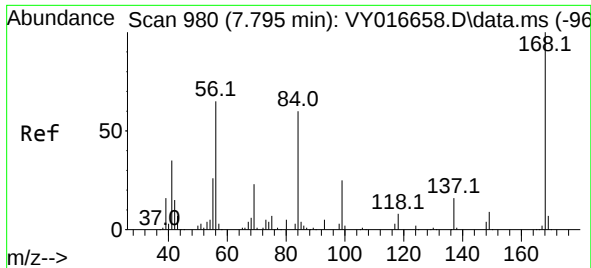
Delta R.T. -0.006 min

Lab File: VY016667.D

Acq: 16 Dec 2023 14:05

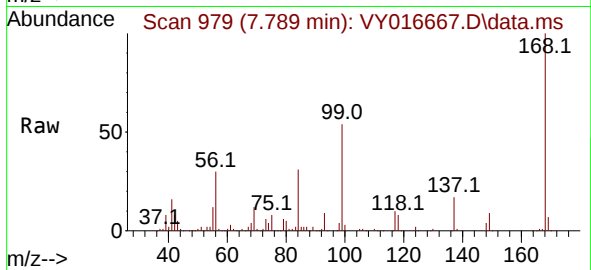
Tgt Ion: 83 Resp: 97091
 Ion Ratio Lower Upper
 83 100
 85 62.9 49.7 74.5





#31
Cyclohexane
Concen: 20.048 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY016667.D
Acq: 16 Dec 2023 14:05

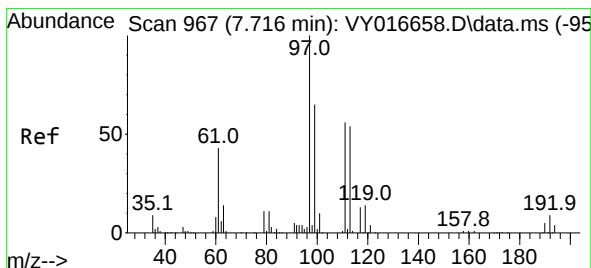
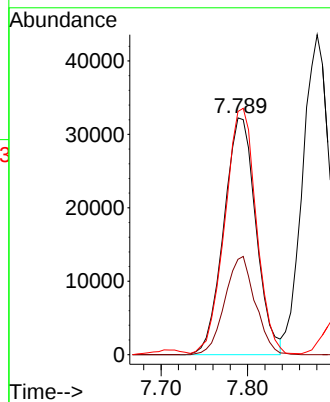
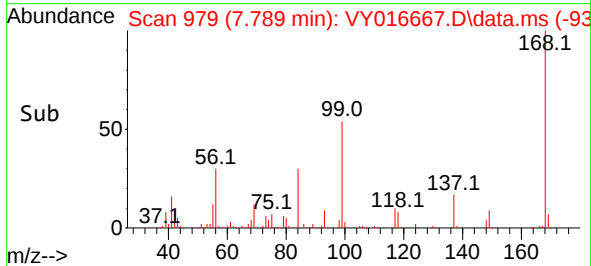
Instrument :
MSVOA_Y
ClientSampleId :
VY1216SBS02



Tgt Ion: 56 Resp: 8333
Ion Ratio Lower Upper
56 100
69 40.2 27.8 41.6
84 101.3 66.4 99.6

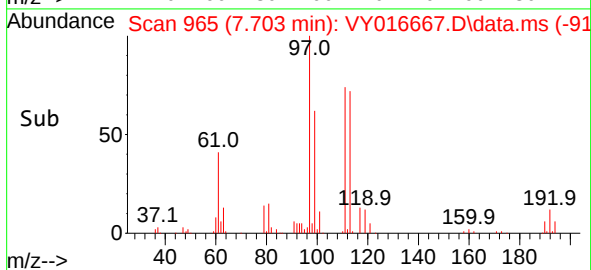
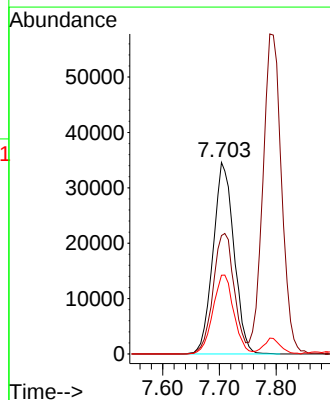
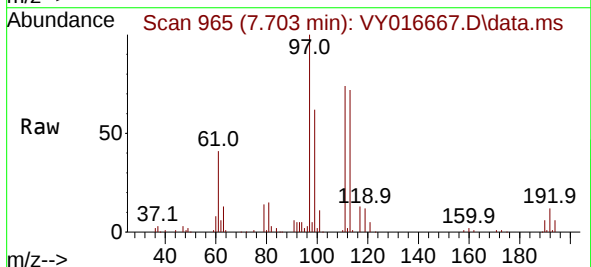
Manual Integrations
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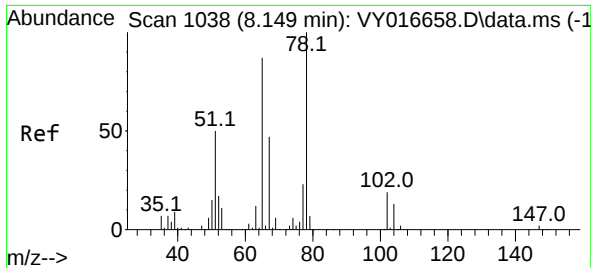
Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023



#32
1,1,1-Trichloroethane
Concen: 21.399 ug/l
RT: 7.703 min Scan# 965
Delta R.T. -0.012 min
Lab File: VY016667.D
Acq: 16 Dec 2023 14:05

Tgt Ion: 97 Resp: 88487
Ion Ratio Lower Upper
97 100
99 63.2 50.8 76.2
61 41.1 35.1 52.7





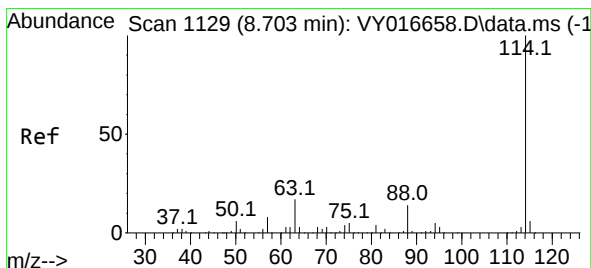
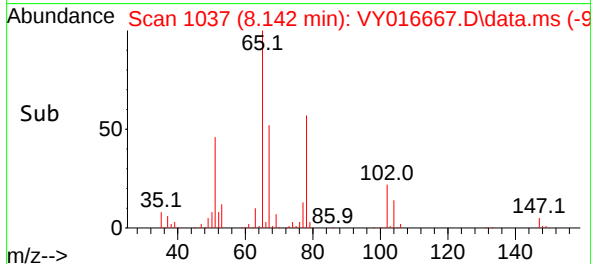
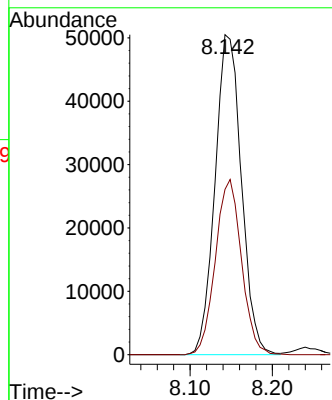
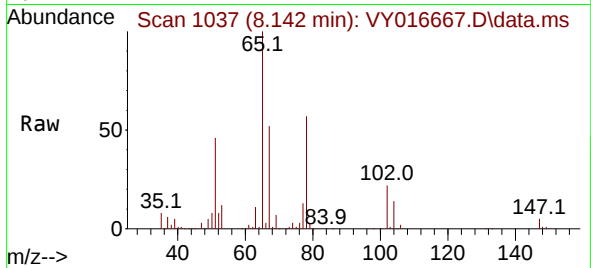
#33
1,2-Dichloroethane-d4
Concen: 53.448 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.007 min
Lab File: VY016667.D
Acq: 16 Dec 2023 14:05

Instrument :
MSVOA_Y
ClientSampleId :
VY1216SBS02

Tgt Ion: 65 Resp: 112510
Ion Ratio Lower Upper
65 100
67 54.2 0.0 101.8

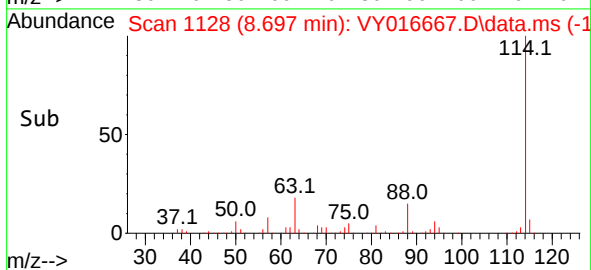
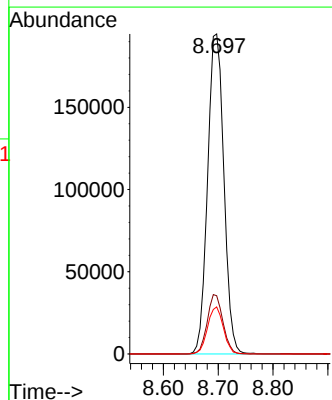
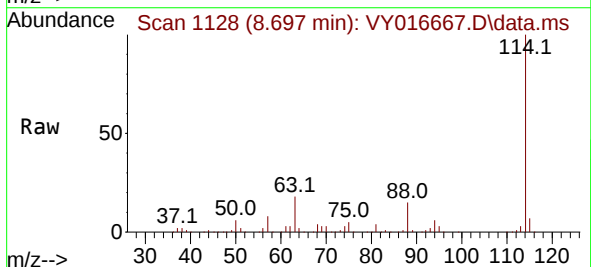
Manual Integrations
APPROVED

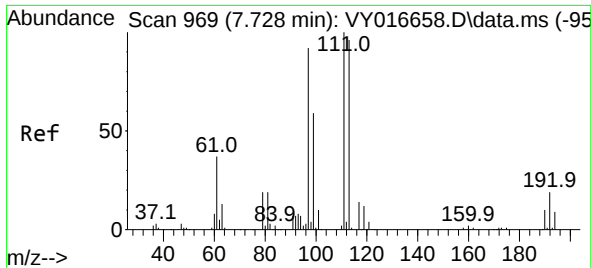
Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.006 min
Lab File: VY016667.D
Acq: 16 Dec 2023 14:05

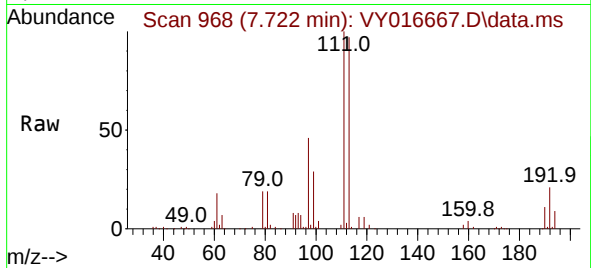
Tgt Ion:114 Resp: 399836
Ion Ratio Lower Upper
114 100
63 18.2 0.0 42.4
88 14.7 0.0 30.6





#35
Dibromofluoromethane
Concen: 56.071 ug/l
RT: 7.722 min Scan# 90
Delta R.T. -0.006 min
Lab File: VY016667.D
Acq: 16 Dec 2023 14:05

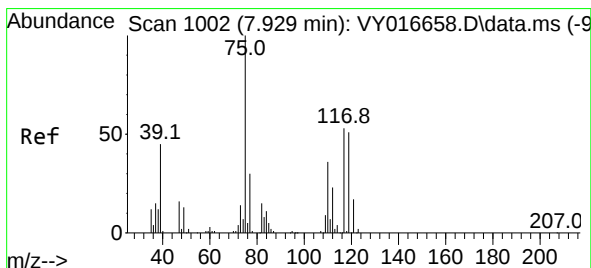
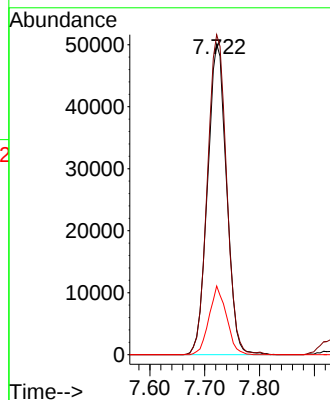
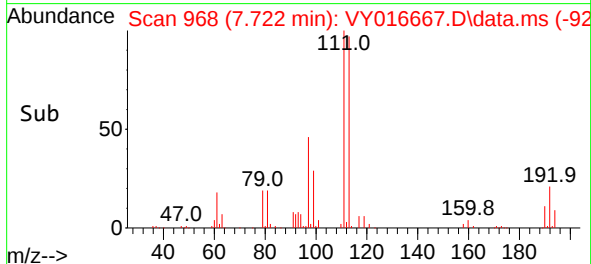
Instrument :
MSVOA_Y
ClientSampleId :
VY1216SBS02



Tgt Ion:113 Resp: 12025
Ion Ratio Lower Upper
113 100
111 103.7 81.3 121.9
192 20.3 16.9 25.3

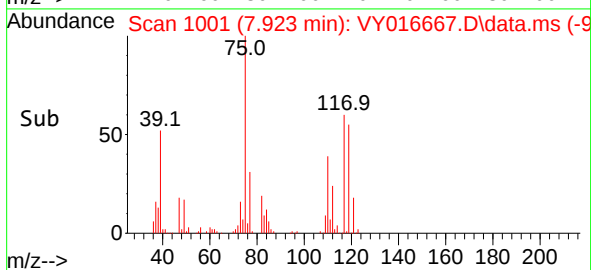
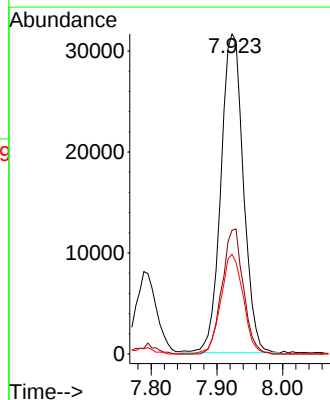
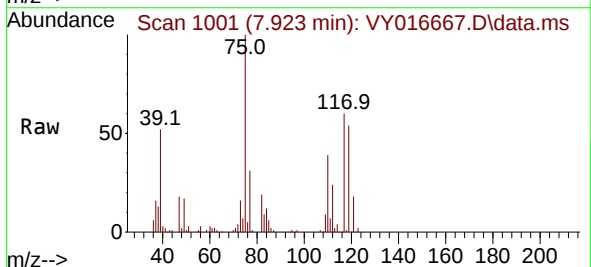
Manual Integrations
APPROVED

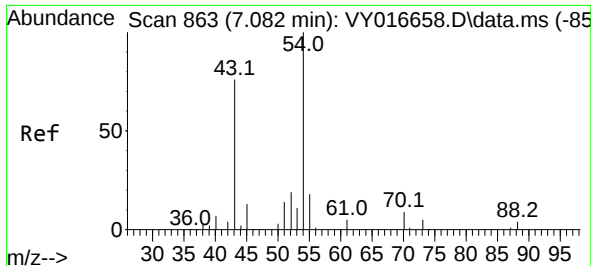
Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023



#36
1,1-Dichloropropene
Concen: 21.131 ug/l
RT: 7.923 min Scan# 1001
Delta R.T. -0.006 min
Lab File: VY016667.D
Acq: 16 Dec 2023 14:05

Tgt Ion: 75 Resp: 75063
Ion Ratio Lower Upper
75 100
110 37.3 17.8 53.5
77 31.2 24.4 36.6





#37

Ethyl Acetate

Concen: 22.207 ug/l

RT: 7.082 min Scan# 863

Delta R.T. -0.000 min

Lab File: VY016667.D

Acq: 16 Dec 2023 14:05

Instrument :

MSVOA_Y

ClientSampleId :

VY1216SBS02

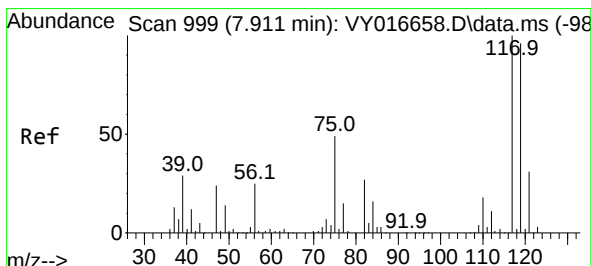
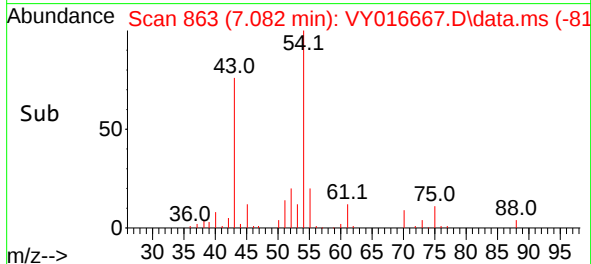
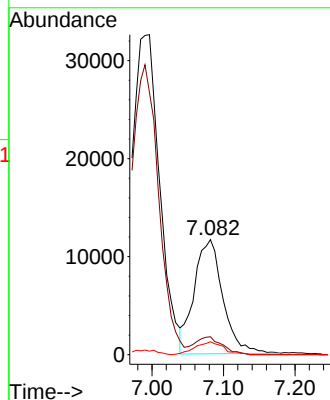
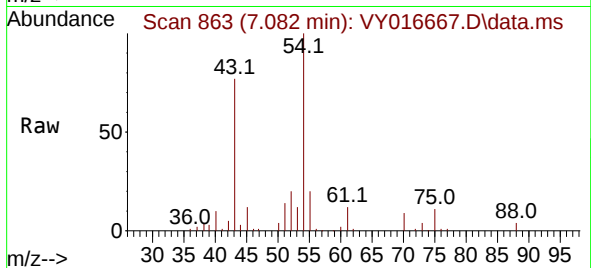
Tgt Ion: 43 Resp: 32509

Ion	Ratio	Lower	Upper
43	100		
61	14.3	10.1	15.1
70	11.2	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: 21.705 ug/l

RT: 7.911 min Scan# 999

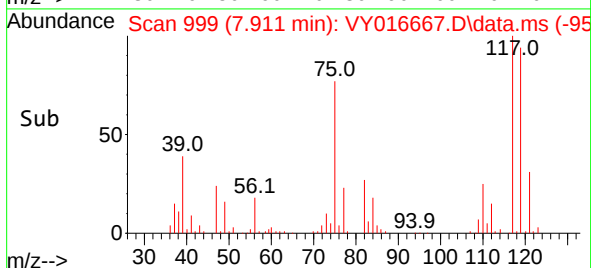
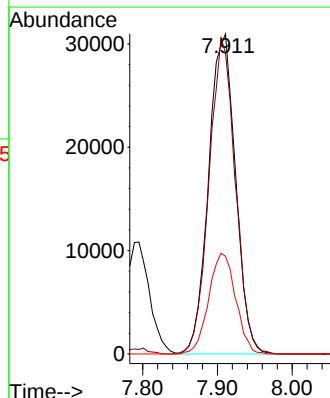
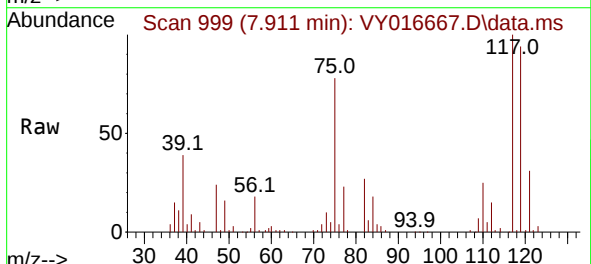
Delta R.T. -0.000 min

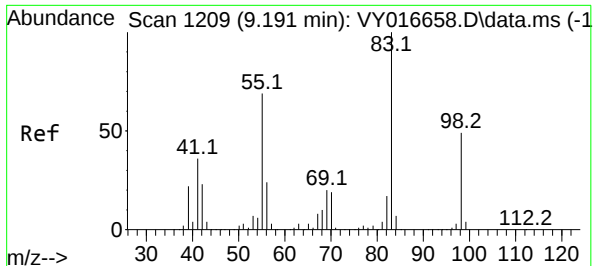
Lab File: VY016667.D

Acq: 16 Dec 2023 14:05

Tgt Ion:117 Resp: 77445

Ion	Ratio	Lower	Upper
117	100		
119	94.1	76.4	114.6
121	30.6	25.8	38.6





#39

Methylcyclohexane

Concen: 20.751 ug/l

RT: 9.191 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY016667.D

Acq: 16 Dec 2023 14:05

Instrument :

MSVOA_Y

ClientSampleId :

VY1216SBS02

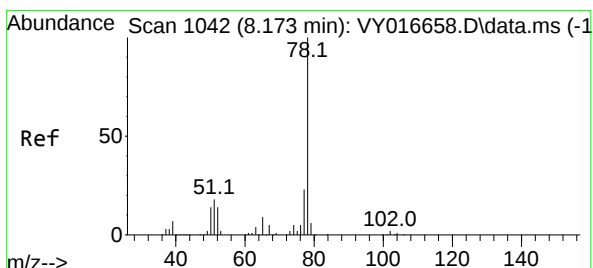
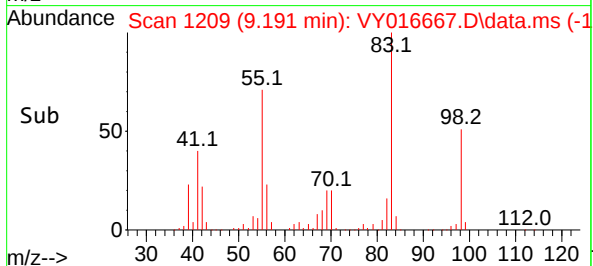
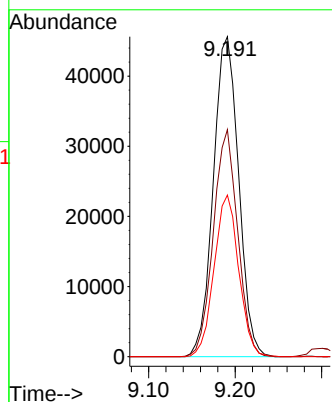
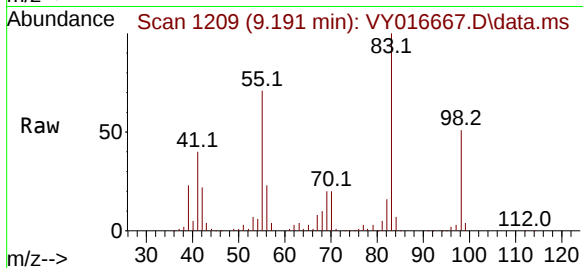
Tgt Ion: 83 Resp: 92644

Ion	Ratio	Lower	Upper
83	100		
55	71.0	63.0	94.4
98	50.5	37.4	56.2

Manual Integrations

APPROVED

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



#40

Benzene

Concen: 21.091 ug/l

RT: 8.167 min Scan# 1041

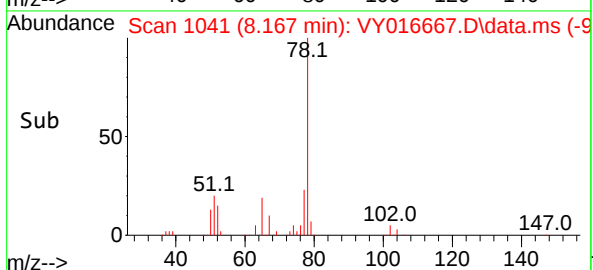
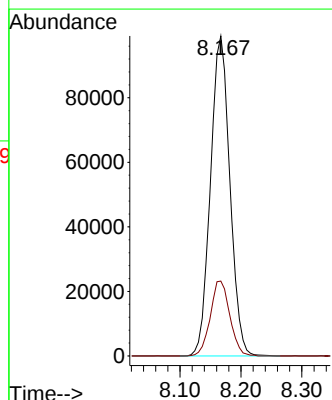
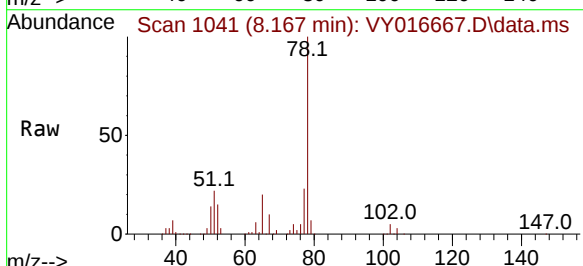
Delta R.T. -0.006 min

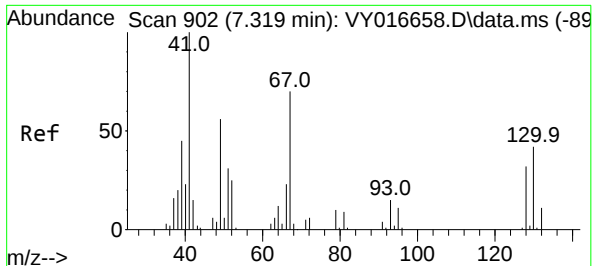
Lab File: VY016667.D

Acq: 16 Dec 2023 14:05

Tgt Ion: 78 Resp: 219584

Ion	Ratio	Lower	Upper
78	100		
77	23.4	19.0	28.6





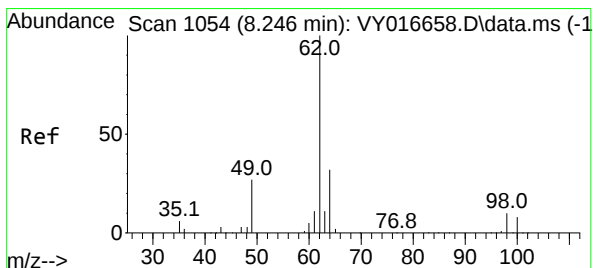
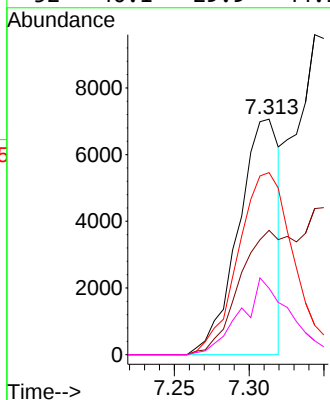
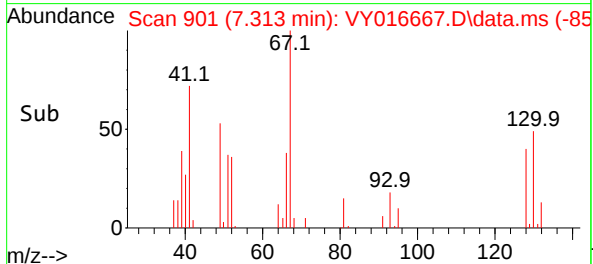
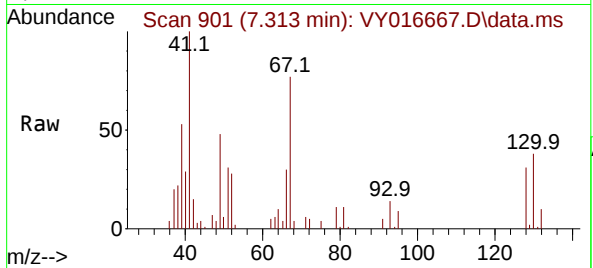
#41
Methacrylonitrile
Concen: 18.183 ug/l
RT: 7.313 min Scan# 902
Delta R.T. -0.006 min
Lab File: VY016667.D
Acq: 16 Dec 2023 14:05

Instrument :
MSVOA_Y
ClientSampleId :
VY1216SBSD02

Tgt Ion: 41 Resp: 13408
Ion Ratio Lower Upper
41 100
39 71.4 52.1 78.1
67 106.0 66.2 99.2
52 40.1 29.9 44.9

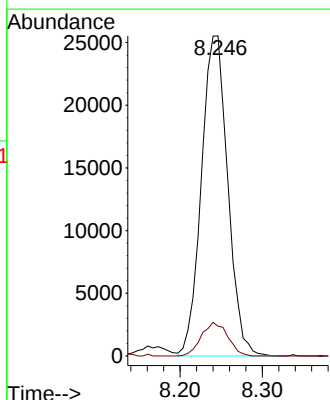
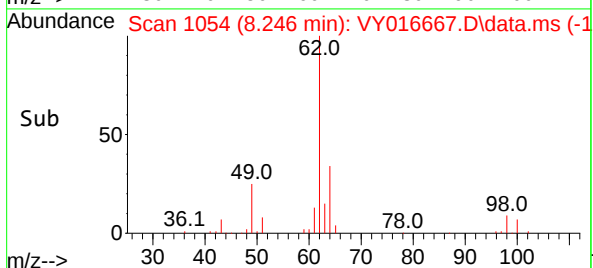
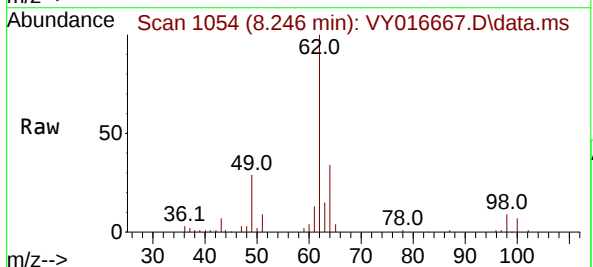
Manual Integrations
APPROVED

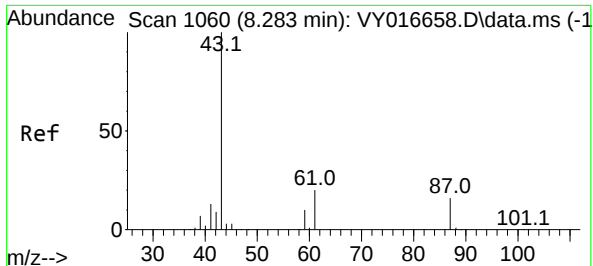
Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023



#42
1,2-Dichloroethane
Concen: 21.405 ug/l
RT: 8.246 min Scan# 1054
Delta R.T. -0.000 min
Lab File: VY016667.D
Acq: 16 Dec 2023 14:05

Tgt Ion: 62 Resp: 56958
Ion Ratio Lower Upper
62 100
98 10.5 0.0 15.8





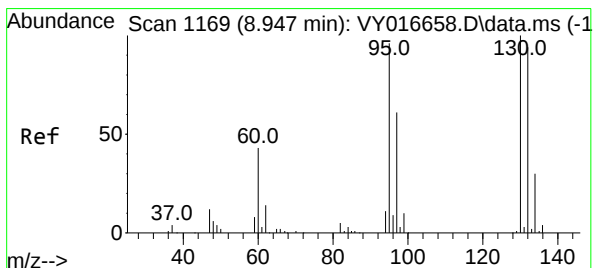
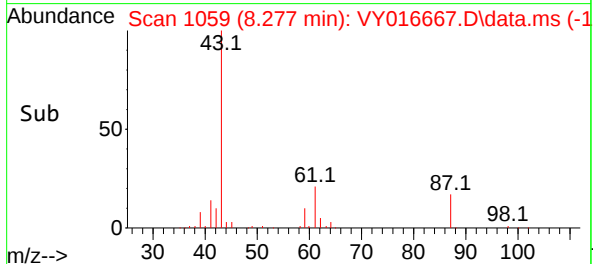
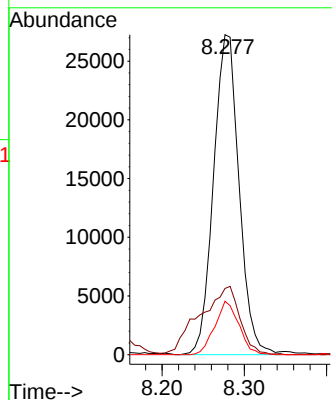
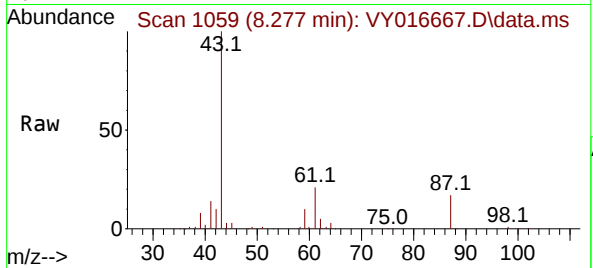
#43
Isopropyl Acetate
Concen: 21.858 ug/l
RT: 8.277 min Scan# 1059
Delta R.T. -0.006 min
Lab File: VY016667.D
Acq: 16 Dec 2023 14:05

Instrument :
MSVOA_Y
ClientSampleId :
VY1216SBS02

Tgt Ion: 43 Resp: 5880
Ion Ratio Lower Upper
43 100
61 33.5 21.1 31.7
87 15.8 9.8 14.8

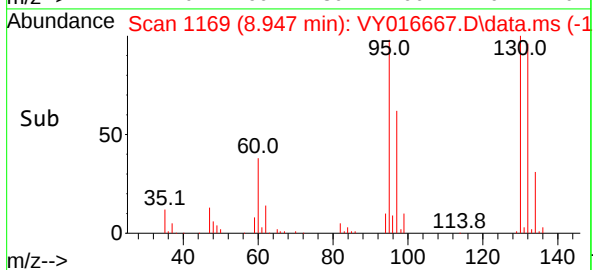
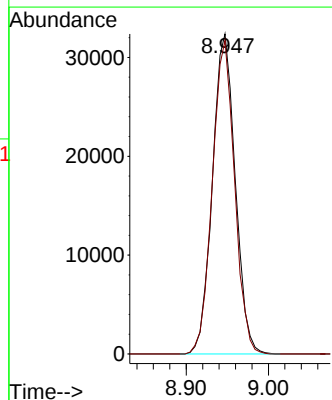
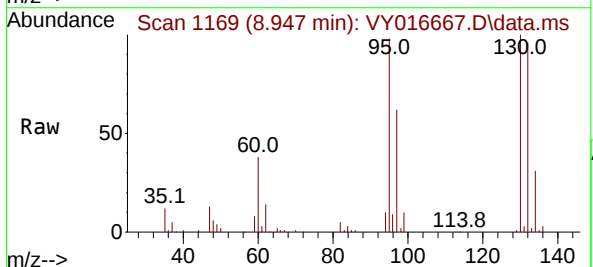
Manual Integrations
APPROVED

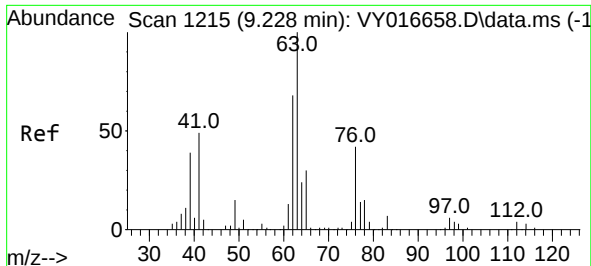
Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023



#44
Trichloroethene
Concen: 21.479 ug/l
RT: 8.947 min Scan# 1169
Delta R.T. -0.000 min
Lab File: VY016667.D
Acq: 16 Dec 2023 14:05

Tgt Ion:130 Resp: 62278
Ion Ratio Lower Upper
130 100
95 97.9 0.0 196.0





#45

1,2-Dichloropropane

Concen: 21.163 ug/l

RT: 9.222 min Scan# 1214

Delta R.T. -0.006 min

Lab File: VY016667.D

Acq: 16 Dec 2023 14:05

Instrument :

MSVOA_Y

ClientSampleId :

VY1216SBS02

Tgt Ion: 63 Resp: 5147

Ion Ratio Lower Upper

63 100

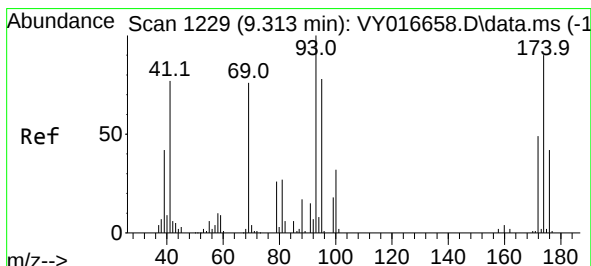
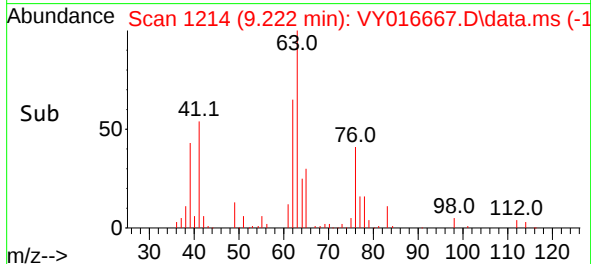
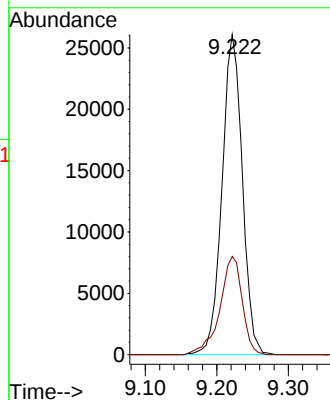
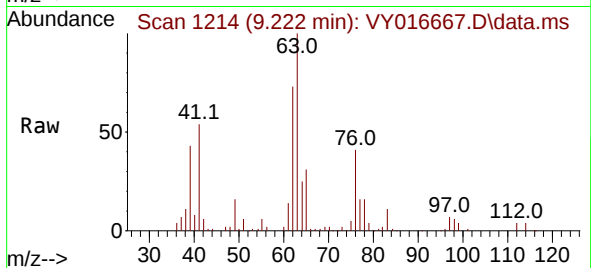
65 30.7 23.8 35.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/18/2023

Supervised By :Semsettin Yesilyurt 12/18/2023



#46

Dibromomethane

Concen: 21.736 ug/l

RT: 9.313 min Scan# 1229

Delta R.T. -0.000 min

Lab File: VY016667.D

Acq: 16 Dec 2023 14:05

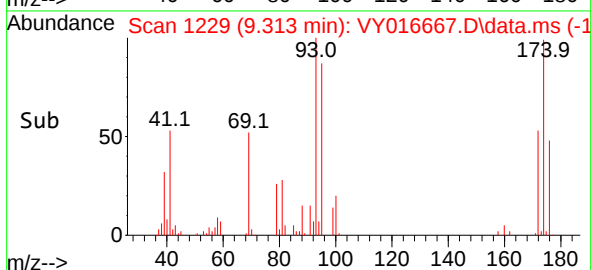
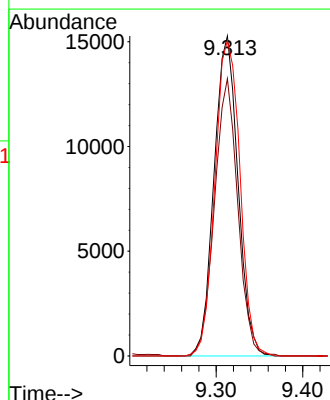
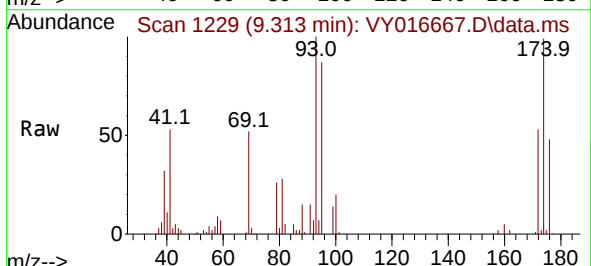
Tgt Ion: 93 Resp: 29236

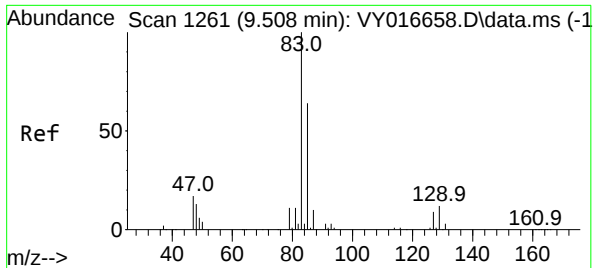
Ion Ratio Lower Upper

93 100

95 84.4 66.6 100.0

174 103.1 84.8 127.2





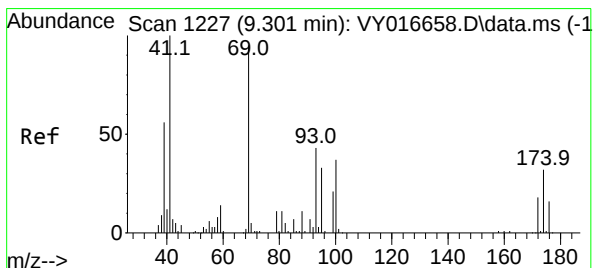
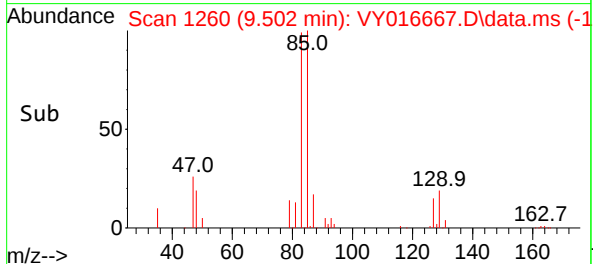
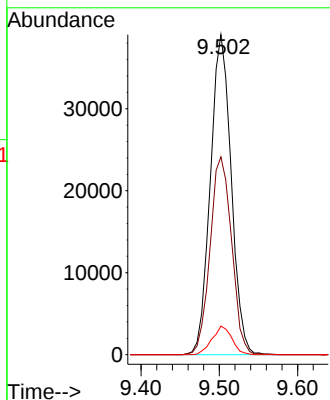
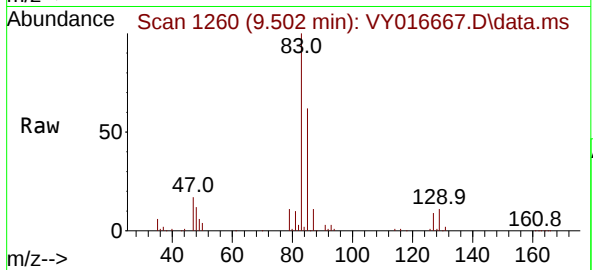
#47
Bromodichloromethane
Concen: 21.225 ug/l
RT: 9.502 min Scan# 1260
Delta R.T. -0.006 min
Lab File: VY016667.D
Acq: 16 Dec 2023 14:05

Instrument :
MSVOA_Y
Client Sample Id :
VY1216SBS02

Tgt Ion: 83 Resp: 72136
Ion Ratio Lower Upper
83 100
85 61.8 50.1 75.1
127 8.9 7.1 10.7

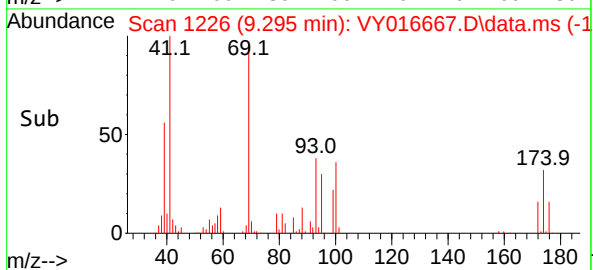
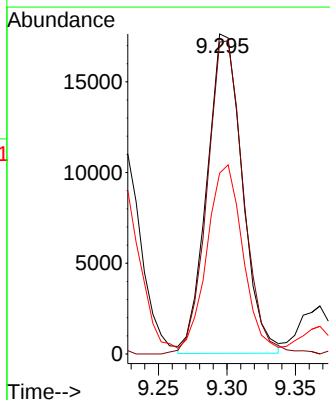
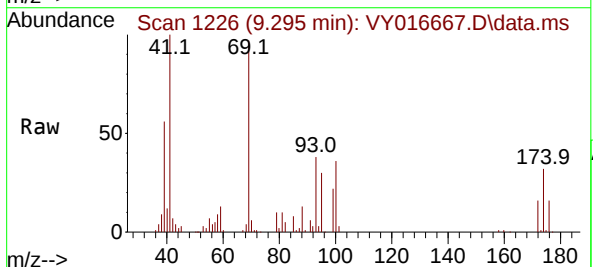
Manual Integrations
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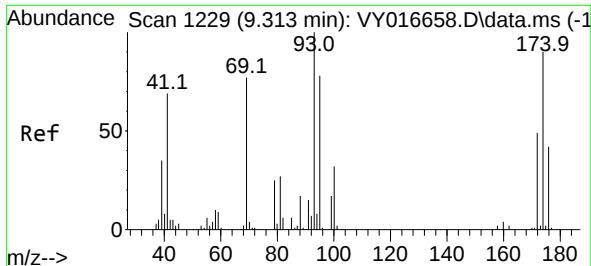
Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023



#48
Methyl methacrylate
Concen: 21.249 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. -0.006 min
Lab File: VY016667.D
Acq: 16 Dec 2023 14:05

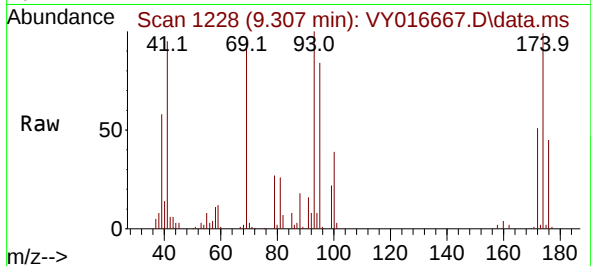
Tgt Ion: 41 Resp: 31656
Ion Ratio Lower Upper
41 100
69 99.7 64.5 96.7#
39 57.4 50.8 76.2





#49
1,4-Dioxane
Concen: 414.336 ug/l
RT: 9.307 min Scan# 1228
Delta R.T. -0.006 min
Lab File: VY016667.D
Acq: 16 Dec 2023 14:05

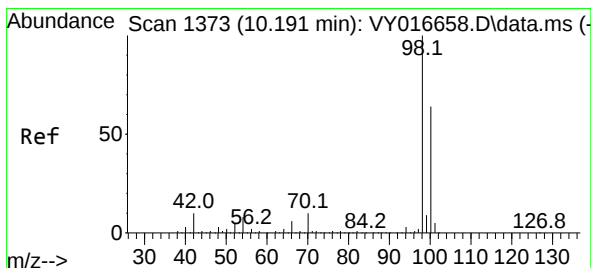
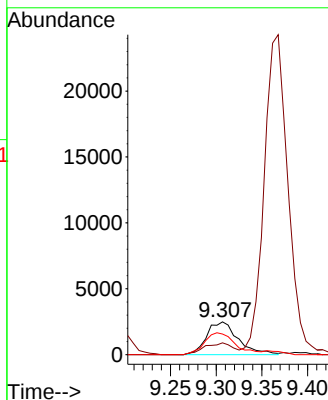
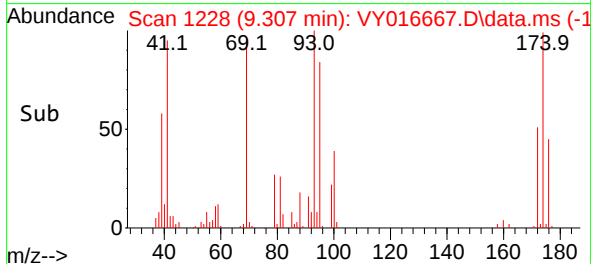
Instrument :
MSVOA_Y
ClientSampleId :
VY1216SBS02



Tgt Ion: 88 Resp: 5970
Ion Ratio Lower Upper
88 100
43 32.8 0.0 0.0
58 65.7 30.9 46.3

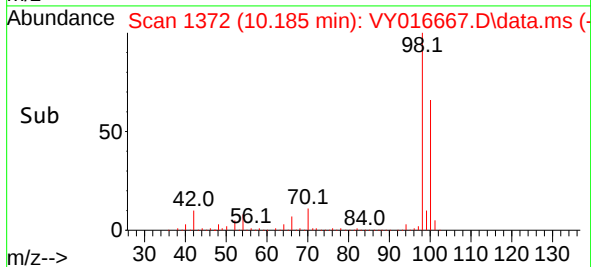
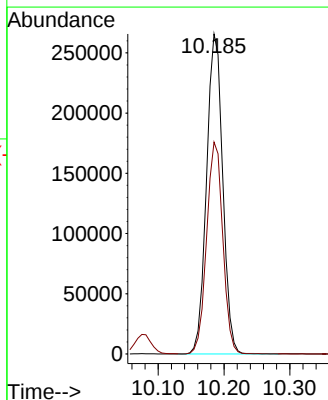
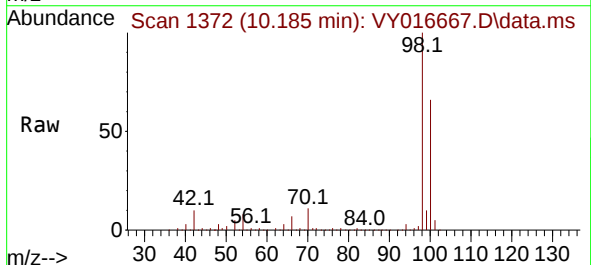
Manual Integrations
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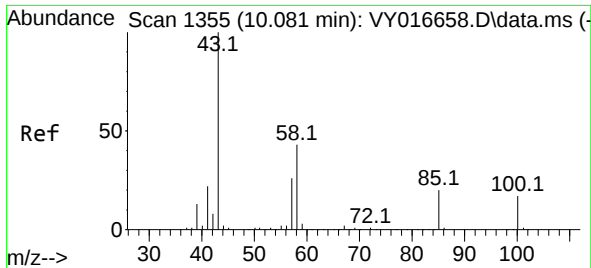
Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023



#50
Toluene-d8
Concen: 53.571 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.006 min
Lab File: VY016667.D
Acq: 16 Dec 2023 14:05

Tgt Ion: 98 Resp: 454292
Ion Ratio Lower Upper
98 100
100 66.2 50.1 75.1





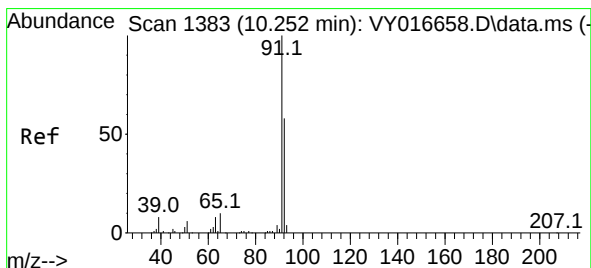
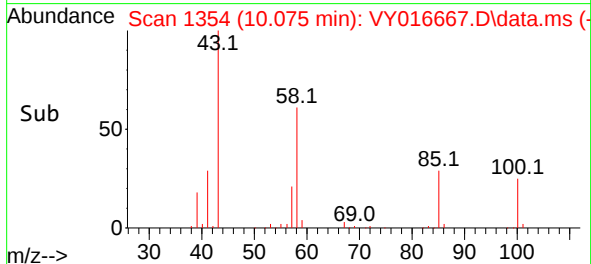
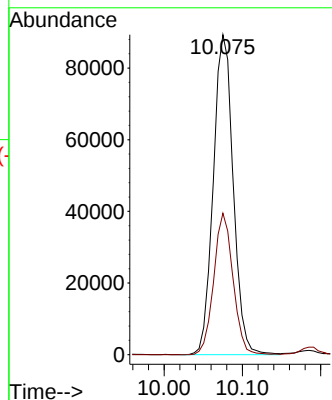
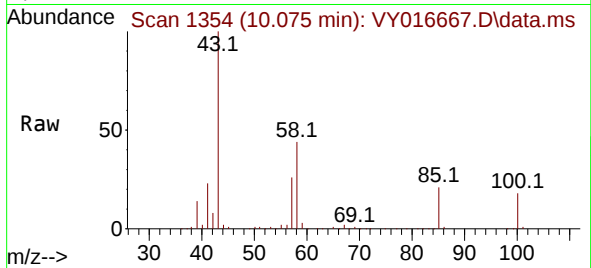
#51
4-Methyl-2-Pentanone
Concen: 112.038 ug/l
RT: 10.075 min Scan# 1354
Delta R.T. -0.006 min
Lab File: VY016667.D
Acq: 16 Dec 2023 14:05

Instrument :
MSVOA_Y
ClientSampleId :
VY1216SBS02

Tgt Ion: 43 Resp: 15808
Ion Ratio Lower Upper
43 100
58 42.8 29.0 43.6

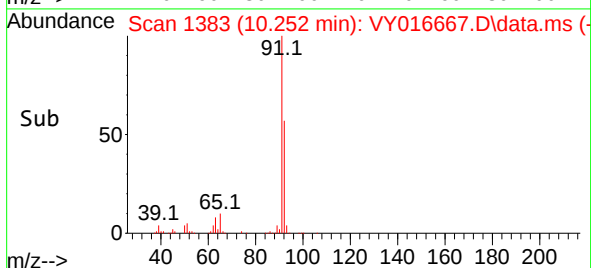
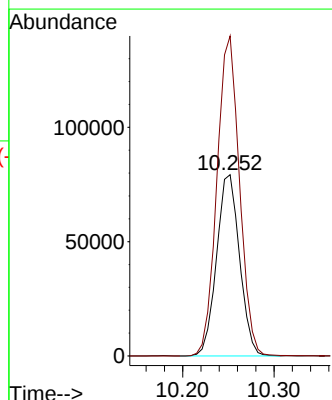
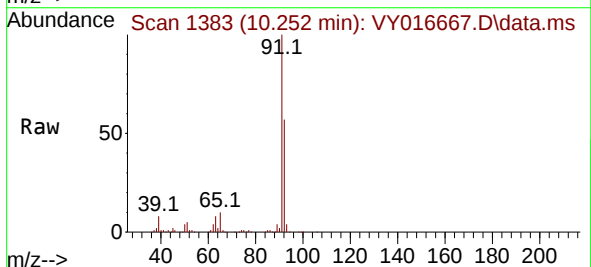
Manual Integrations
APPROVED

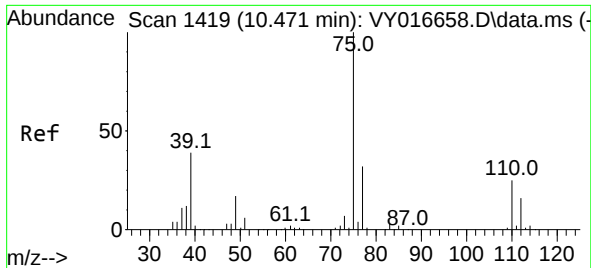
Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023



#52
Toluene
Concen: 21.219 ug/l
RT: 10.252 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VY016667.D
Acq: 16 Dec 2023 14:05

Tgt Ion: 92 Resp: 138376
Ion Ratio Lower Upper
92 100
91 173.7 143.8 215.6





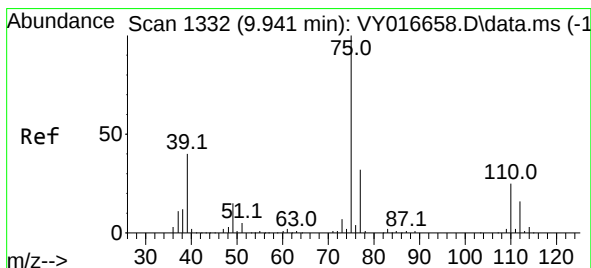
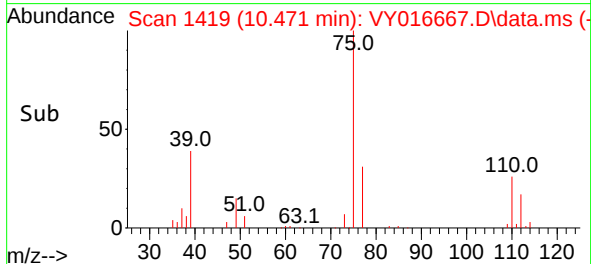
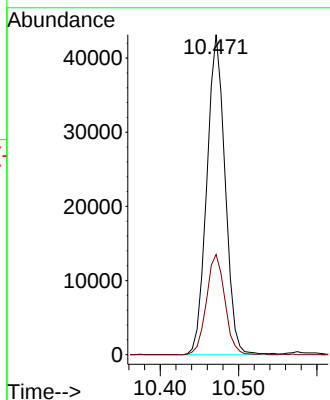
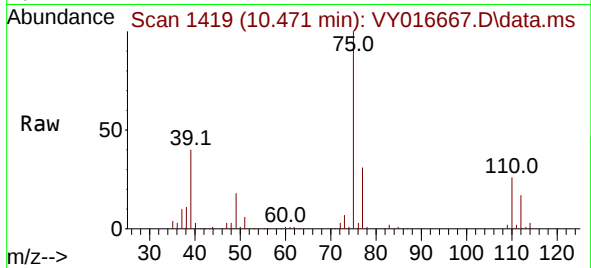
#53
t-1,3-Dichloropropene
Concen: 21.787 ug/l
RT: 10.471 min Scan# 1419
Delta R.T. -0.000 min
Lab File: VY016667.D
Acq: 16 Dec 2023 14:05

Instrument :
MSVOA_Y
ClientSampleId :
VY1216SBS02

Tgt Ion: 75 Resp: 69850
Ion Ratio Lower Upper
75 100
77 31.3 25.0 37.4

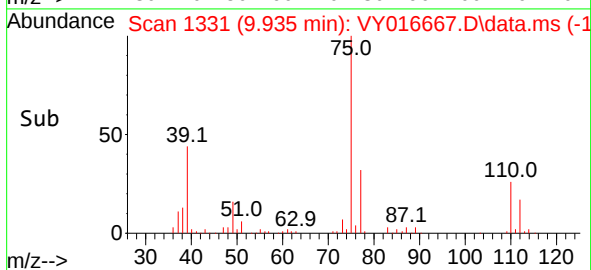
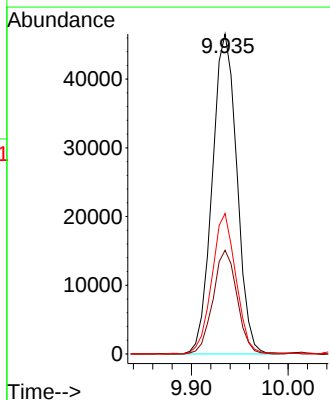
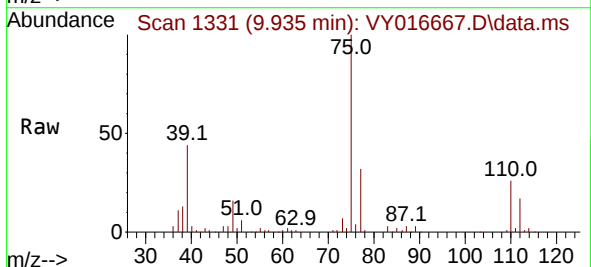
Manual Integrations
APPROVED

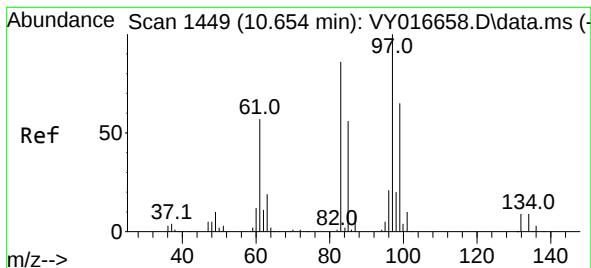
Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023



#54
cis-1,3-Dichloropropene
Concen: 21.357 ug/l
RT: 9.935 min Scan# 1331
Delta R.T. -0.006 min
Lab File: VY016667.D
Acq: 16 Dec 2023 14:05

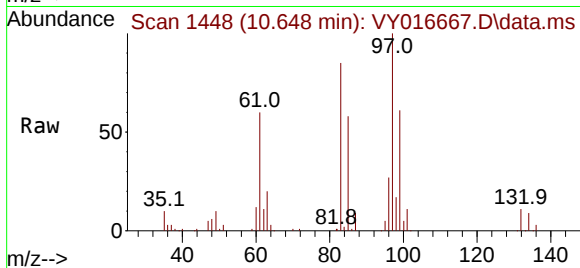
Tgt Ion: 75 Resp: 82325
Ion Ratio Lower Upper
75 100
77 32.4 24.2 36.4
39 43.7 42.2 63.4





#55
1,1,2-Trichloroethane
Concen: 21.696 ug/l
RT: 10.648 min Scan# 1448
Delta R.T. -0.006 min
Lab File: VY016667.D
Acq: 16 Dec 2023 14:05

Instrument :
MSVOA_Y
ClientSampleId :
VY1216SBS02

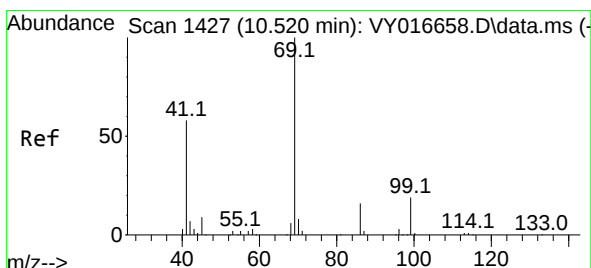
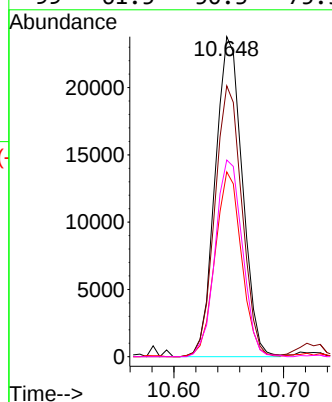
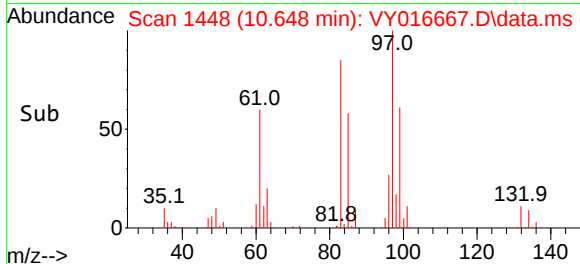


Tgt Ion: 97 Resp: 4100

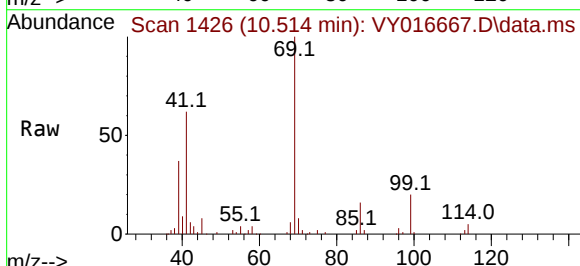
Ion	Ratio	Lower	Upper
97	100		
83	84.6	72.0	108.0
85	57.8	45.4	68.0
99	61.5	50.3	75.5

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

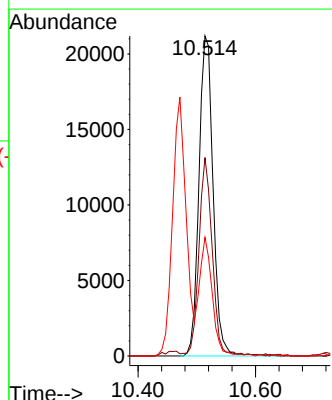
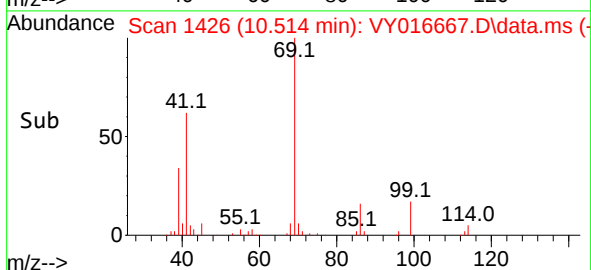


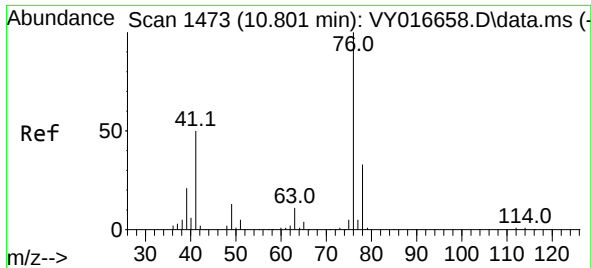
#56
Ethyl methacrylate
Concen: 21.671 ug/l
RT: 10.514 min Scan# 1426
Delta R.T. -0.006 min
Lab File: VY016667.D
Acq: 16 Dec 2023 14:05



Tgt Ion: 69 Resp: 35511

Ion	Ratio	Lower	Upper
69	100		
41	58.8	57.6	86.4
39	33.8	34.1	51.1





#57

1,3-Dichloropropane

Concen: 21.497 ug/l

RT: 10.794 min Scan# 1473

Delta R.T. -0.006 min

Lab File: VY016667.D

Acq: 16 Dec 2023 14:05

Instrument :

MSVOA_Y

ClientSampleId :

VY1216SBS02

Tgt Ion: 76 Resp: 67610

Ion Ratio Lower Upper

76 100

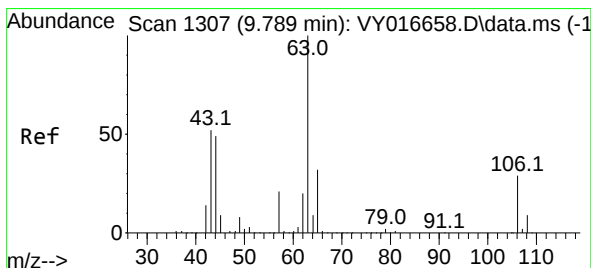
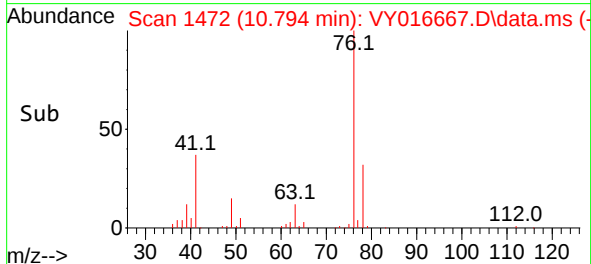
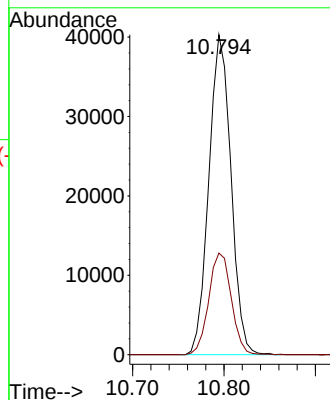
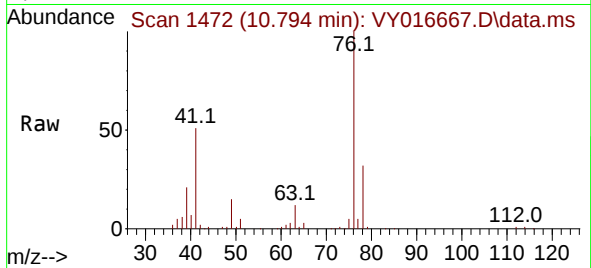
78 32.4 25.3 37.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/18/2023

Supervised By :Semsettin Yesilyurt 12/18/2023



#58

2-Chloroethyl Vinyl ether

Concen: 86.991 ug/l

RT: 9.788 min Scan# 1307

Delta R.T. -0.001 min

Lab File: VY016667.D

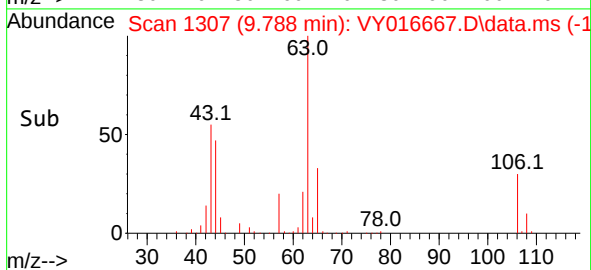
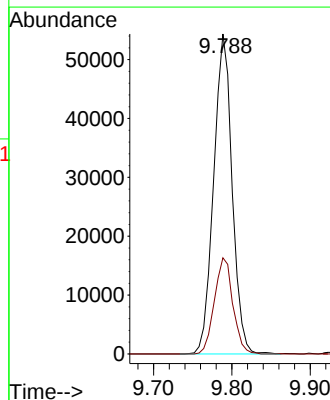
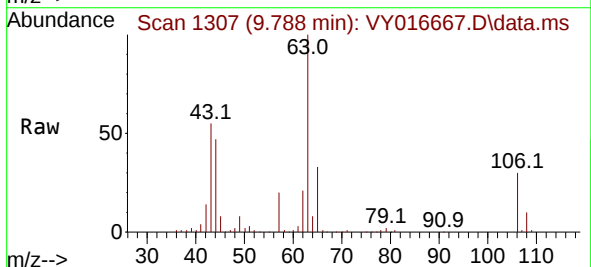
Acq: 16 Dec 2023 14:05

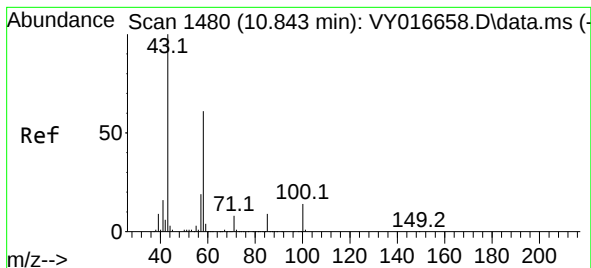
Tgt Ion: 63 Resp: 89000

Ion Ratio Lower Upper

63 100

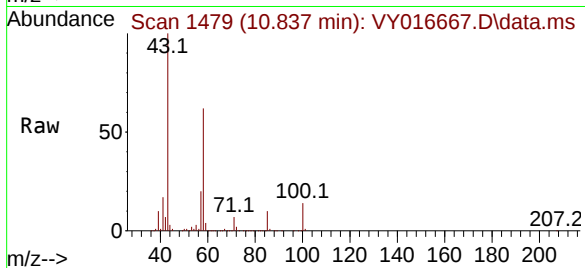
106 30.0 21.2 31.8





#59
2-Hexanone
Concen: 117.373 ug/l
RT: 10.837 min Scan# 1480
Delta R.T. -0.006 min
Lab File: VY016667.D
Acq: 16 Dec 2023 14:05

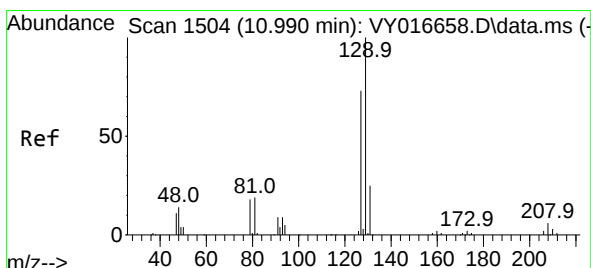
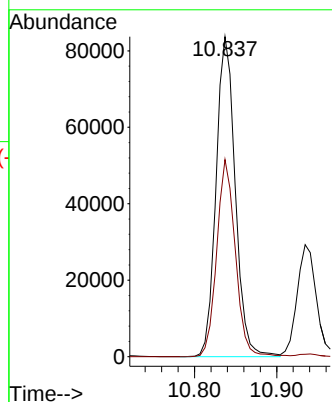
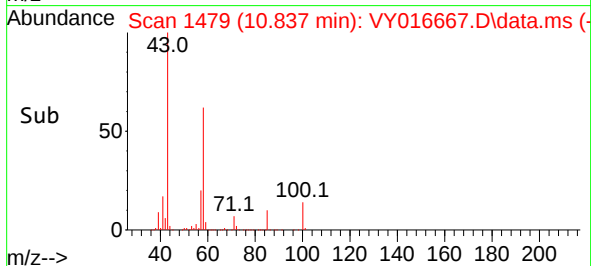
Instrument :
MSVOA_Y
ClientSampleId :
VY1216SBSD02



Tgt Ion: 43 Resp: 135872
Ion Ratio Lower Upper
43 100
58 59.8 25.1 75.3

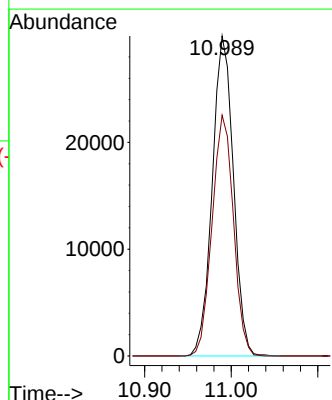
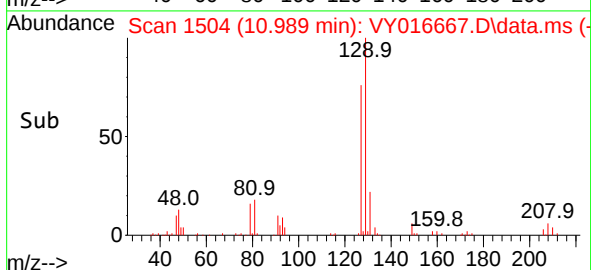
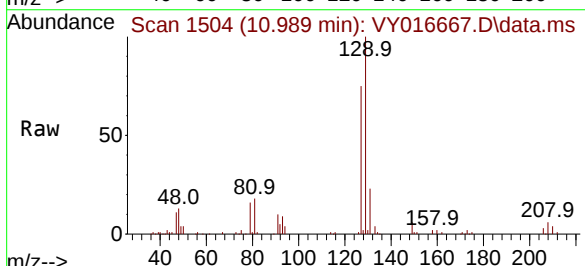
Manual Integrations
APPROVED

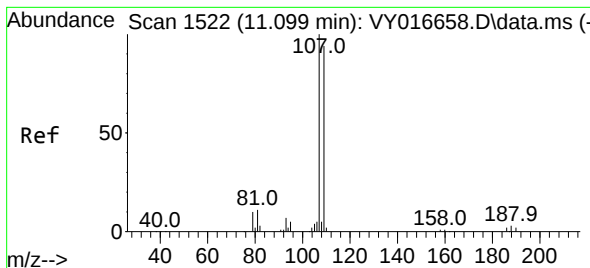
Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023



#60
Dibromochloromethane
Concen: 22.156 ug/l
RT: 10.989 min Scan# 1504
Delta R.T. -0.000 min
Lab File: VY016667.D
Acq: 16 Dec 2023 14:05

Tgt Ion:129 Resp: 50749
Ion Ratio Lower Upper
129 100
127 76.0 38.5 115.5





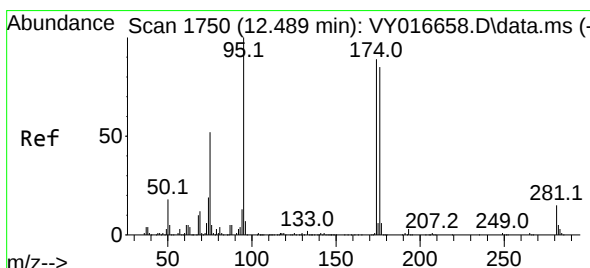
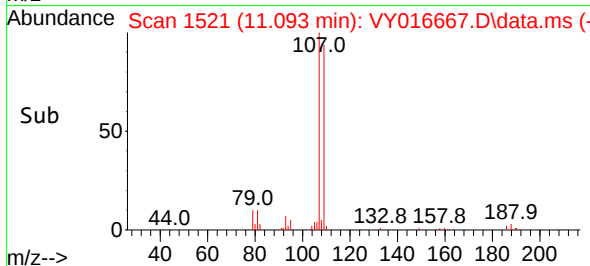
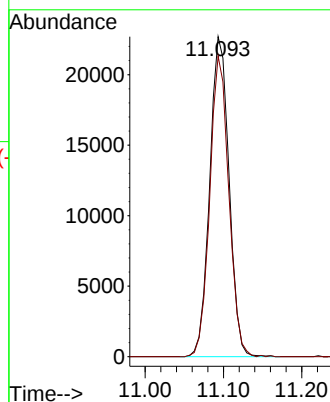
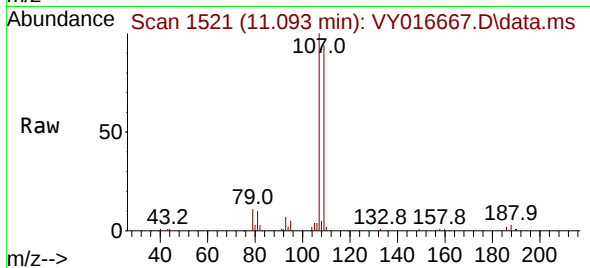
#61
1,2-Dibromoethane
Concen: 21.879 ug/l
RT: 11.093 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY016667.D
Acq: 16 Dec 2023 14:05

Instrument :
MSVOA_Y
ClientSampleId :
VY1216SBSD02

Tgt Ion:107 Resp: 38809
Ion Ratio Lower Upper
107 100
109 92.6 75.6 113.4

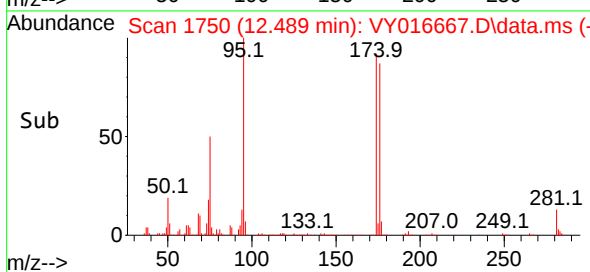
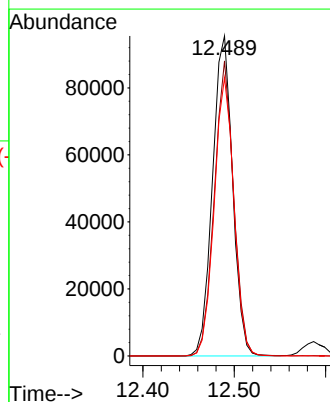
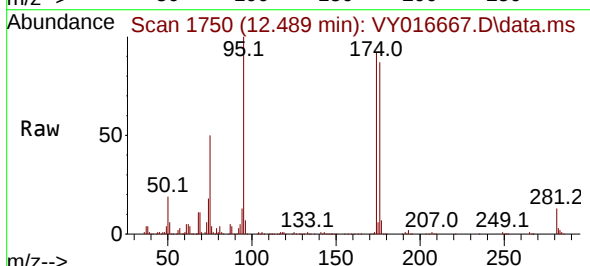
Manual Integrations
APPROVED

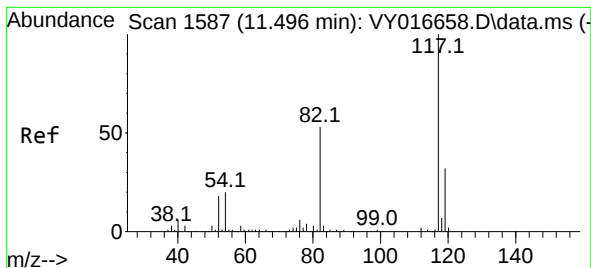
Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023



#62
4-Bromofluorobenzene
Concen: 52.998 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VY016667.D
Acq: 16 Dec 2023 14:05

Tgt Ion: 95 Resp: 145665
Ion Ratio Lower Upper
95 100
174 89.0 0.0 178.2
176 85.6 0.0 173.8





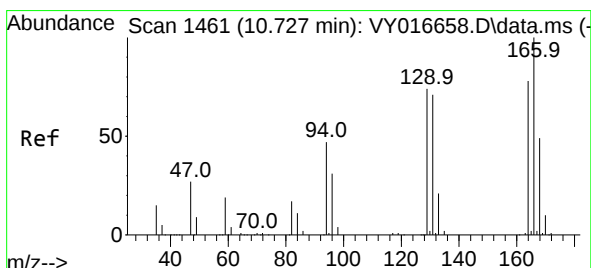
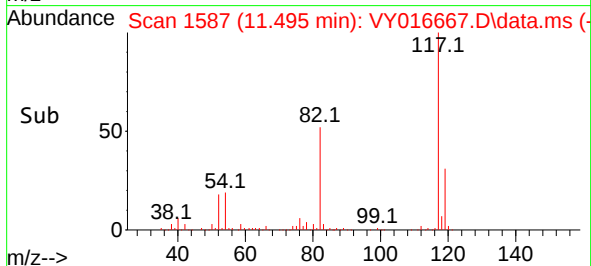
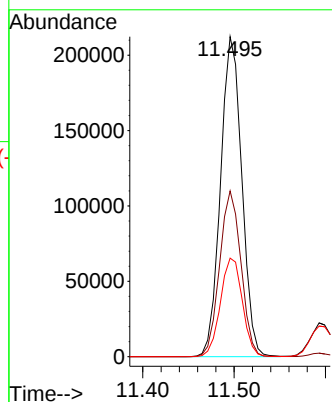
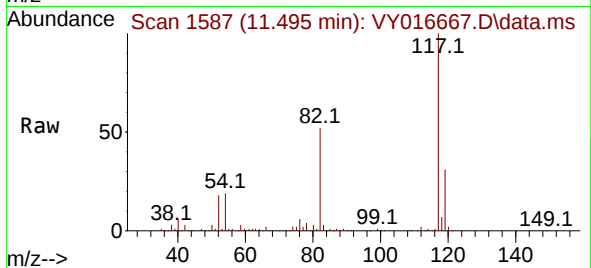
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY016667.D
Acq: 16 Dec 2023 14:05

Instrument :
MSVOA_Y
ClientSampleId :
VY1216SBSD02

Tgt Ion:117 Resp: 344098
Ion Ratio Lower Upper
117 100
82 51.8 43.4 65.0
119 30.8 26.3 39.5

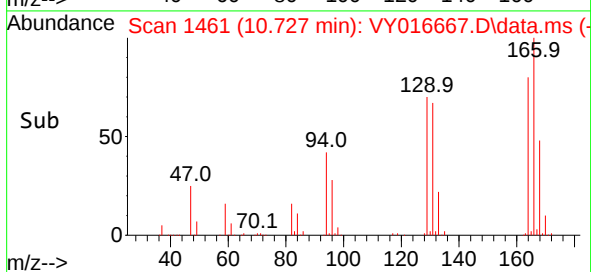
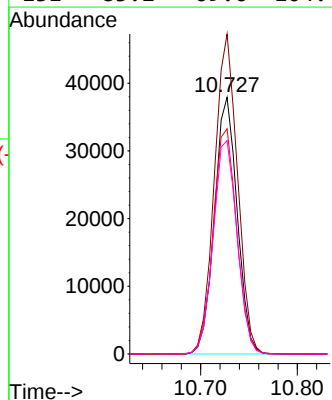
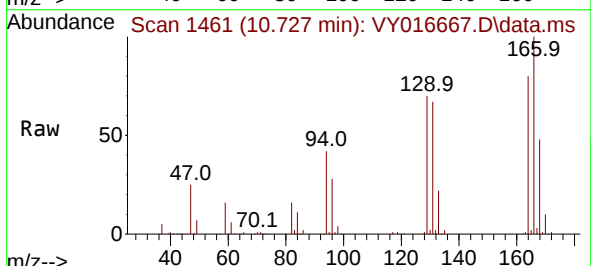
Manual Integrations
APPROVED

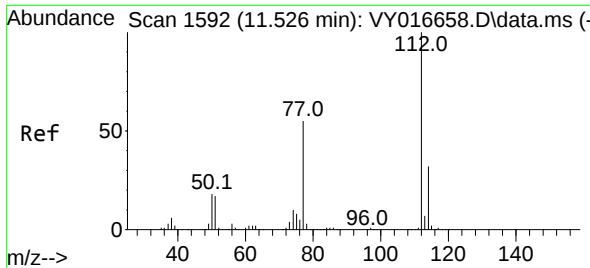
Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023



#64
Tetrachloroethene
Concen: 21.946 ug/l
RT: 10.727 min Scan# 1461
Delta R.T. -0.000 min
Lab File: VY016667.D
Acq: 16 Dec 2023 14:05

Tgt Ion:164 Resp: 61868
Ion Ratio Lower Upper
164 100
166 124.7 103.0 154.6
129 87.7 77.2 115.8
131 83.2 69.6 104.4





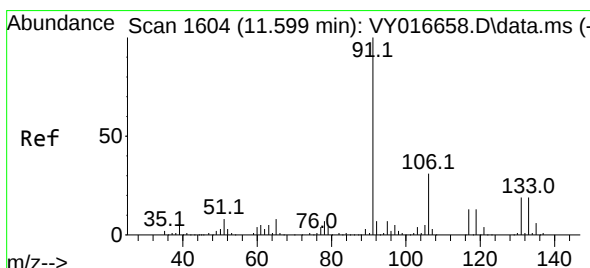
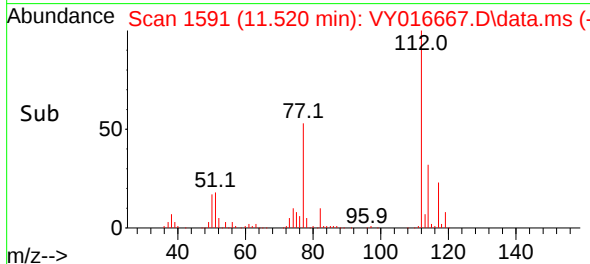
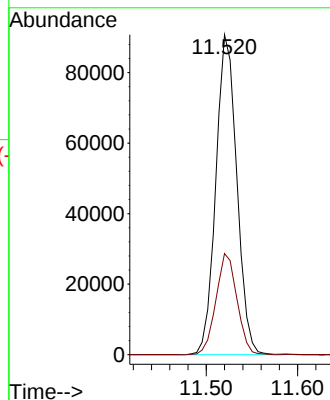
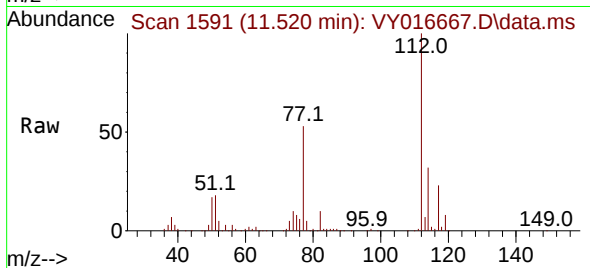
#65
Chlorobenzene
Concen: 21.552 ug/l
RT: 11.520 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY016667.D
Acq: 16 Dec 2023 14:05

Instrument :
MSVOA_Y
ClientSampleId :
VY1216SBS02

Tgt Ion:112 Resp: 14465
Ion Ratio Lower Upper
112 100
114 31.6 25.5 38.3

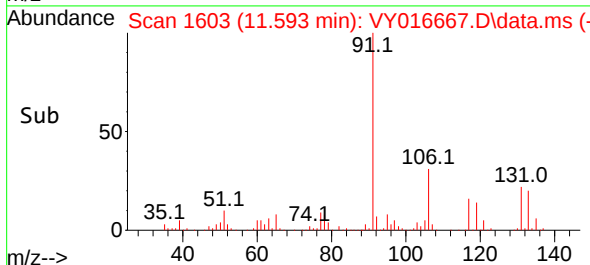
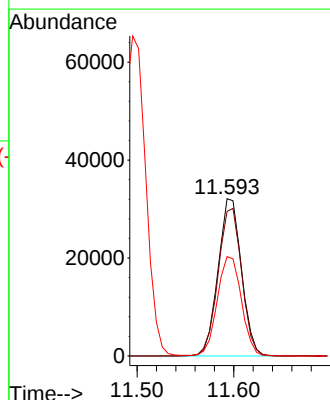
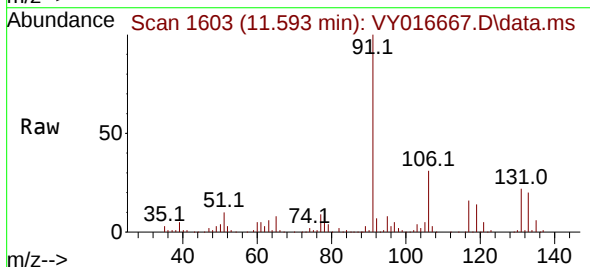
Manual Integrations
APPROVED

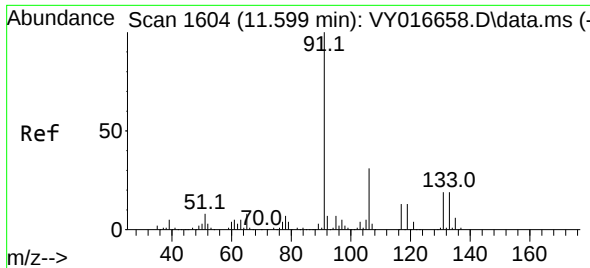
Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 21.899 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. -0.006 min
Lab File: VY016667.D
Acq: 16 Dec 2023 14:05

Tgt Ion:131 Resp: 53754
Ion Ratio Lower Upper
131 100
133 95.0 47.5 142.6
119 65.3 31.6 94.7





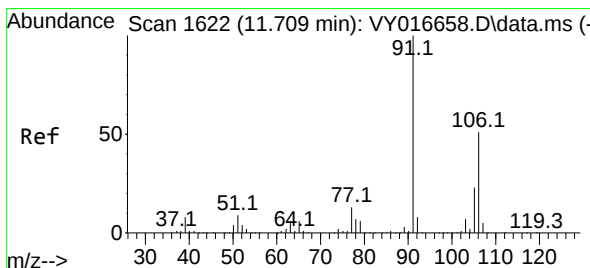
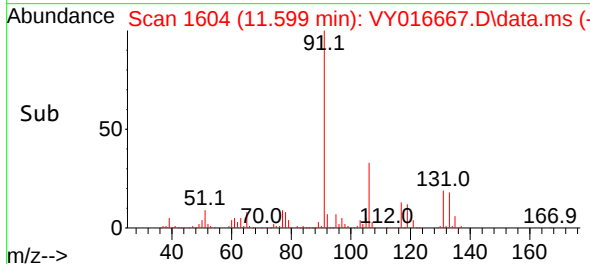
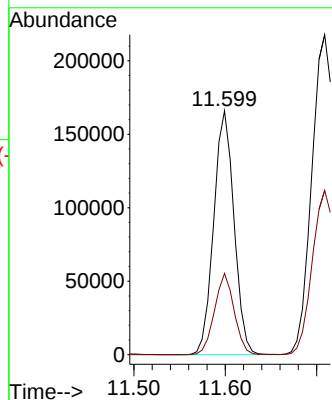
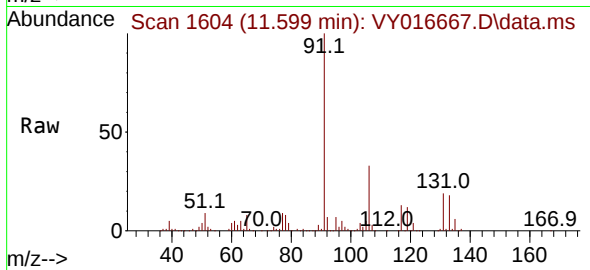
#67
Ethyl Benzene
Concen: 21.194 ug/l
RT: 11.599 min Scan# 1604
Delta R.T. -0.000 min
Lab File: VY016667.D
Acq: 16 Dec 2023 14:05

Instrument :
MSVOA_Y
ClientSampleId :
VY1216SBS02

Tgt Ion: 91 Resp: 25592
Ion Ratio Lower Upper
91 100
106 33.3 24.6 36.8

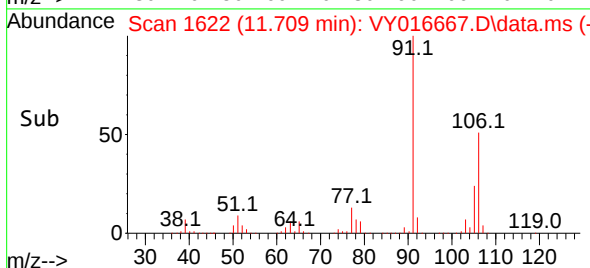
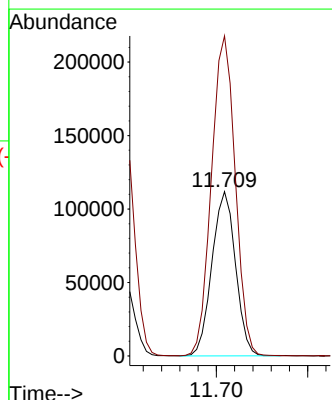
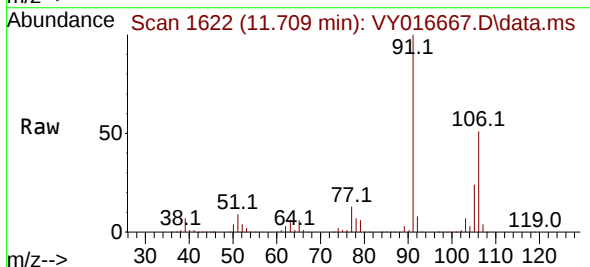
Manual Integrations
APPROVED

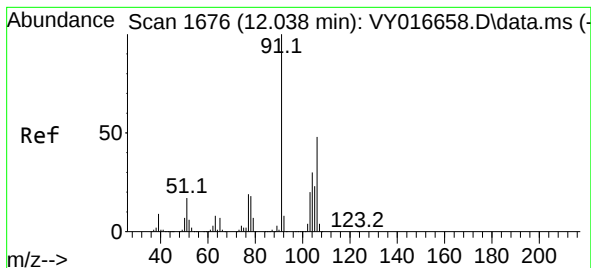
Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023



#68
m/p-Xylenes
Concen: 42.948 ug/l
RT: 11.709 min Scan# 1622
Delta R.T. -0.000 min
Lab File: VY016667.D
Acq: 16 Dec 2023 14:05

Tgt Ion:106 Resp: 200067
Ion Ratio Lower Upper
106 100
91 196.8 166.1 249.1





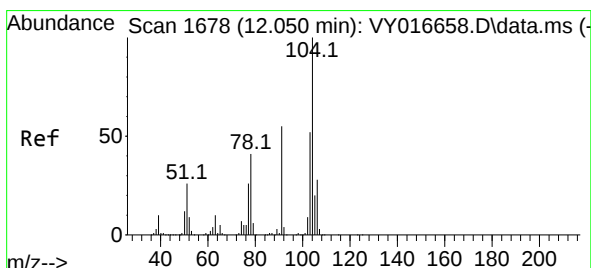
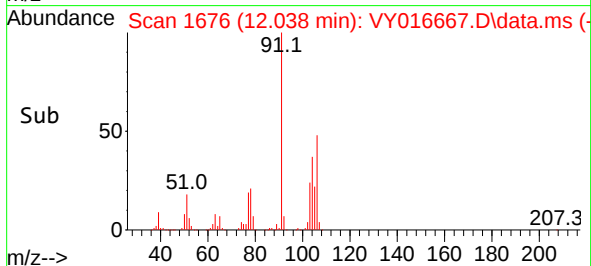
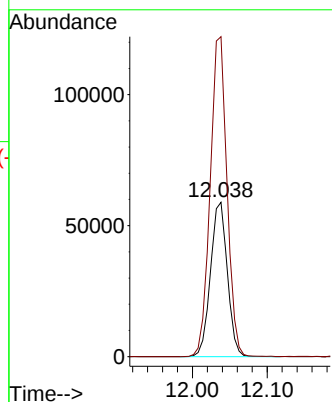
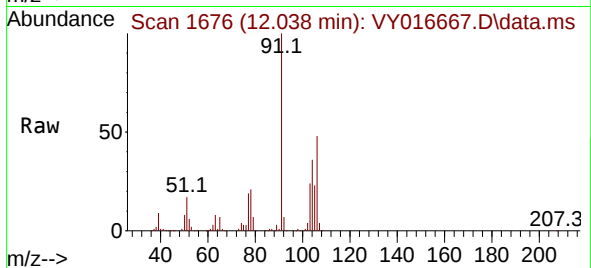
#69
o-Xylene
Concen: 21.698 ug/l
RT: 12.038 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VY016667.D
Acq: 16 Dec 2023 14:05

Instrument :
MSVOA_Y
ClientSampleId :
VY1216SBS02

Tgt Ion:106 Resp: 92458
Ion Ratio Lower Upper
106 100
91 206.8 108.1 324.3

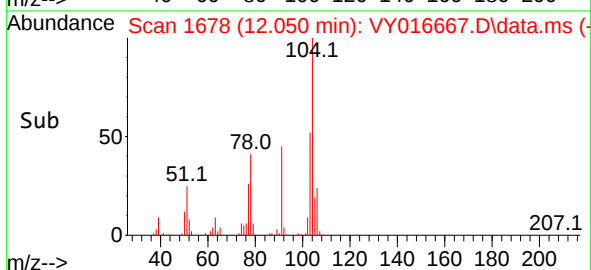
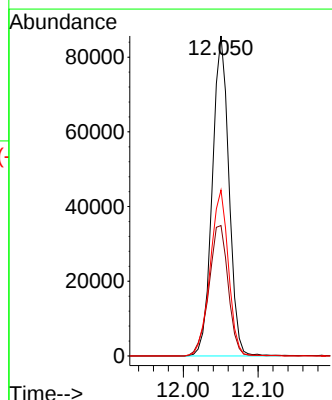
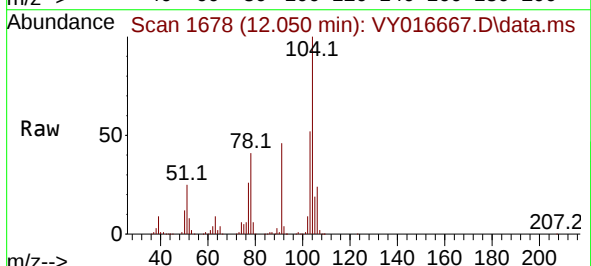
Manual Integrations
APPROVED

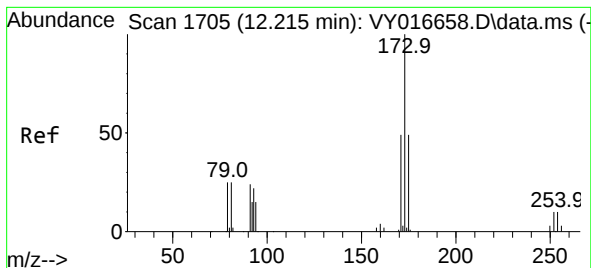
Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023



#70
Styrene
Concen: 21.477 ug/l
RT: 12.050 min Scan# 1678
Delta R.T. -0.000 min
Lab File: VY016667.D
Acq: 16 Dec 2023 14:05

Tgt Ion:104 Resp: 132588
Ion Ratio Lower Upper
104 100
78 47.2 41.5 62.3
103 56.5 44.6 67.0





#71

Bromoform

Concen: 21.950 ug/l

RT: 12.215 min Scan# 1705

Delta R.T. -0.000 min

Lab File: VY016667.D

Acq: 16 Dec 2023 14:05

Instrument :

MSVOA_Y

ClientSampleId :

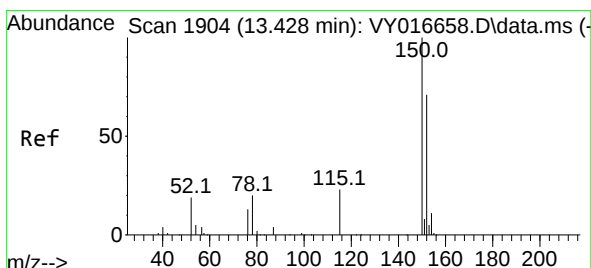
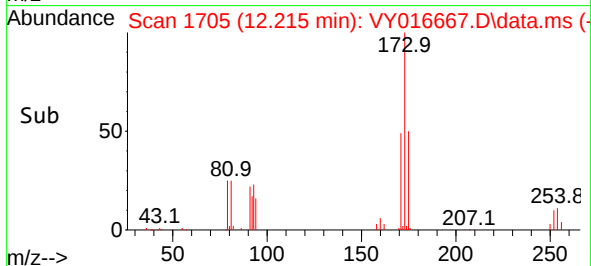
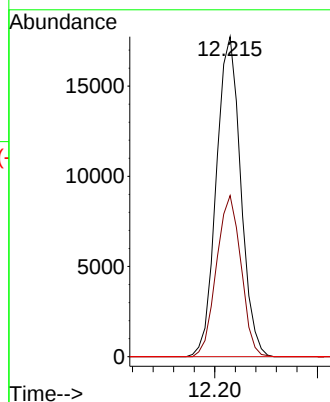
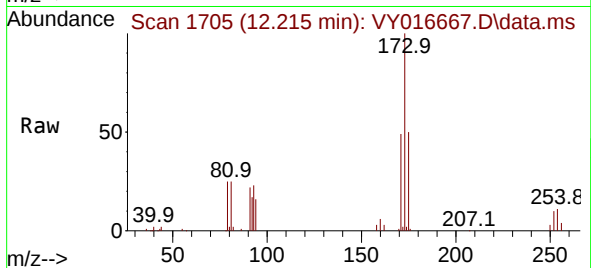
VY1216SBS02

Tgt Ion:173 Resp: 29218
 Ion Ratio Lower Upper
 173 100
 175 50.5 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

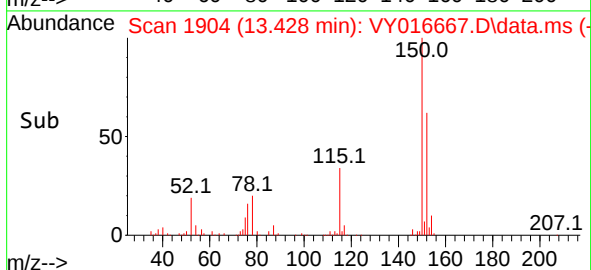
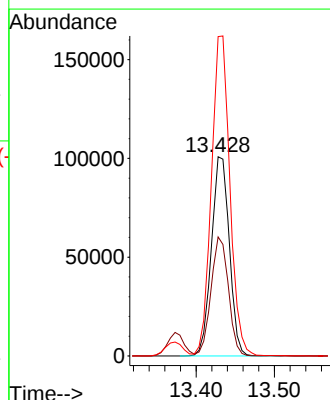
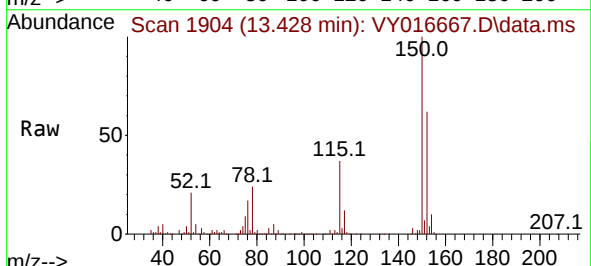
RT: 13.428 min Scan# 1904

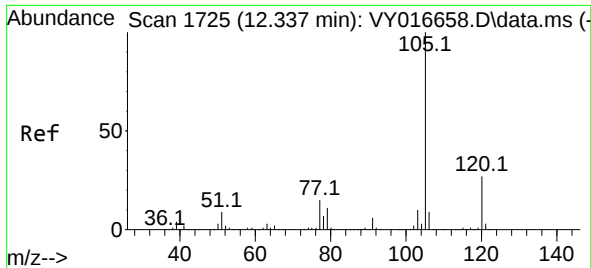
Delta R.T. -0.000 min

Lab File: VY016667.D

Acq: 16 Dec 2023 14:05

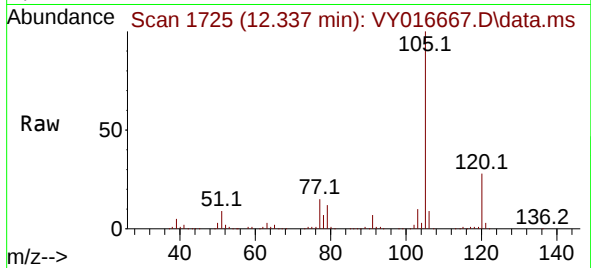
Tgt Ion:152 Resp: 160262
 Ion Ratio Lower Upper
 152 100
 115 57.8 28.8 86.5
 150 165.3 0.0 348.8





#73
Isopropylbenzene
Concen: 21.912 ug/l
RT: 12.337 min Scan# 1725
Delta R.T. -0.000 min
Lab File: VY016667.D
Acq: 16 Dec 2023 14:05

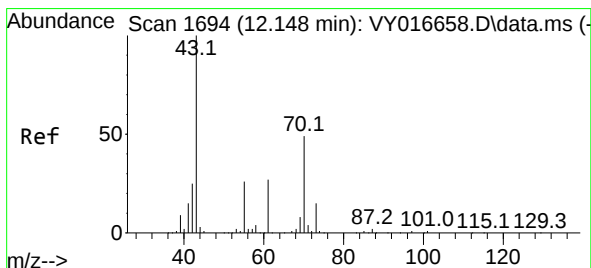
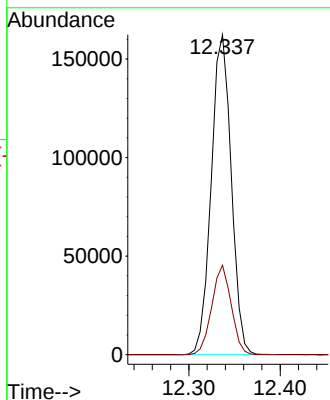
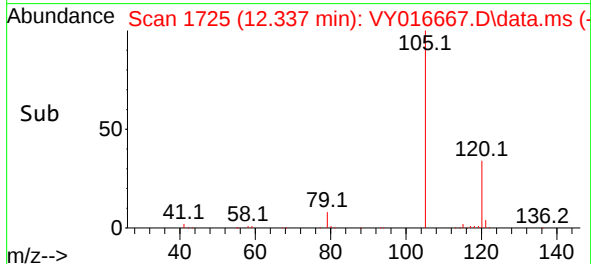
Instrument :
MSVOA_Y
ClientSampleId :
VY1216SBS02



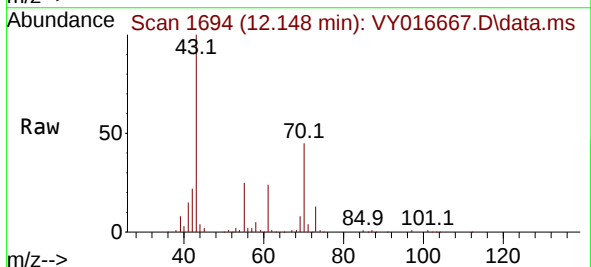
Tgt Ion: 105 Resp: 247004
Ion Ratio Lower Upper
105 100
120 27.1 13.3 39.9

Manual Integrations
APPROVED

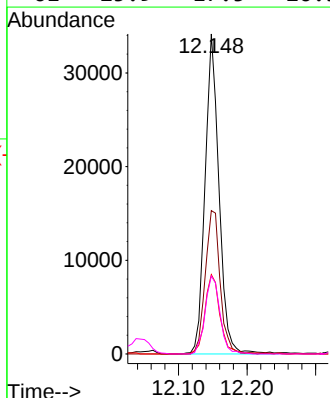
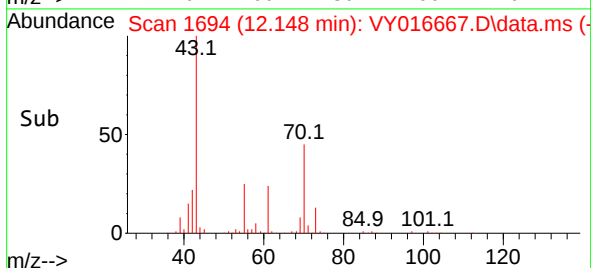
Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023

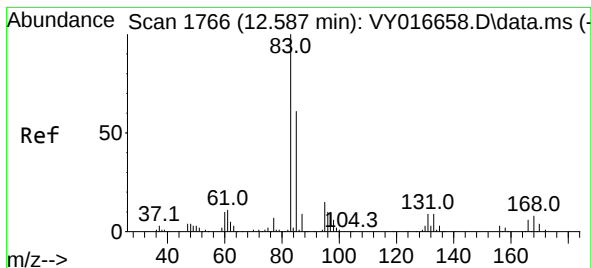


#74
N-ethyl acetate
Concen: 22.952 ug/l
RT: 12.148 min Scan# 1694
Delta R.T. -0.000 min
Lab File: VY016667.D
Acq: 16 Dec 2023 14:05



Tgt Ion: 43 Resp: 48493
Ion Ratio Lower Upper
43 100
70 47.6 29.7 44.5#
55 26.7 18.3 27.5
61 25.9 17.5 26.3





#75

1,1,2,2-Tetrachloroethane

Concen: 22.750 ug/l

RT: 12.587 min Scan# 1766

Delta R.T. -0.000 min

Lab File: VY016667.D

Acq: 16 Dec 2023 14:05

Instrument :

MSVOA_Y

ClientSampleId :

VY1216SBS02

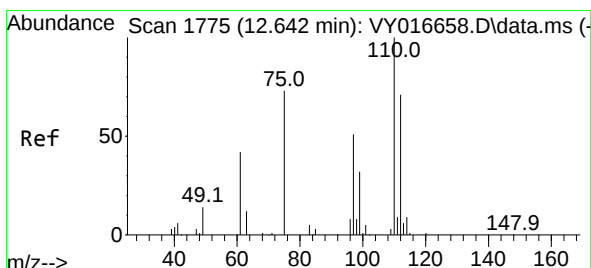
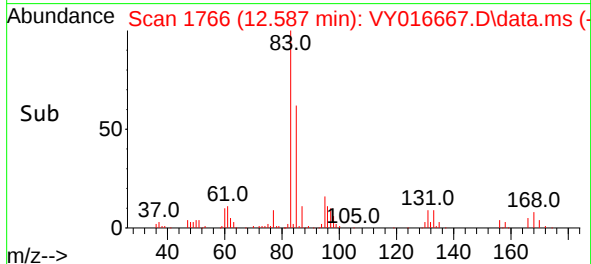
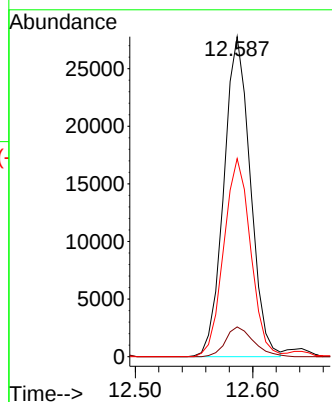
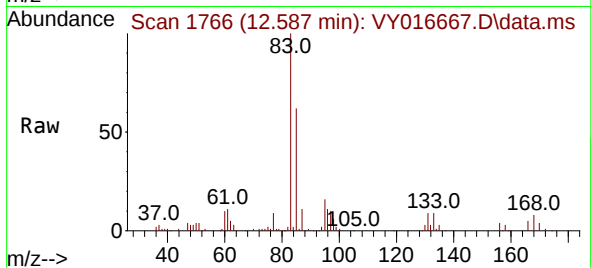
Tgt Ion: 83 Resp: 43629

Ion	Ratio	Lower	Upper
83	100		
131	9.8	5.4	16.2
85	62.8	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: 21.643 ug/l m

RT: 12.642 min Scan# 1775

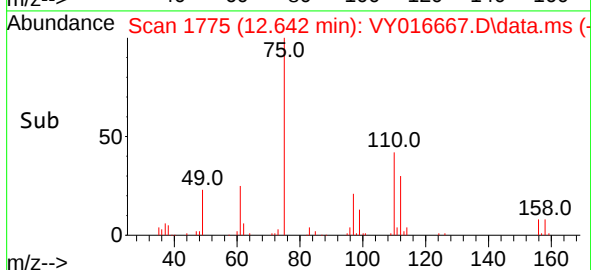
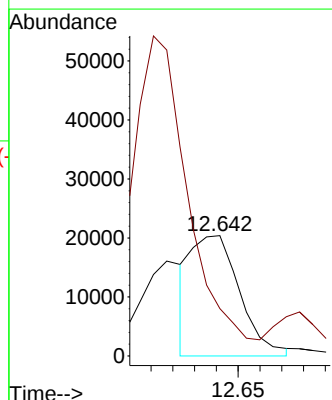
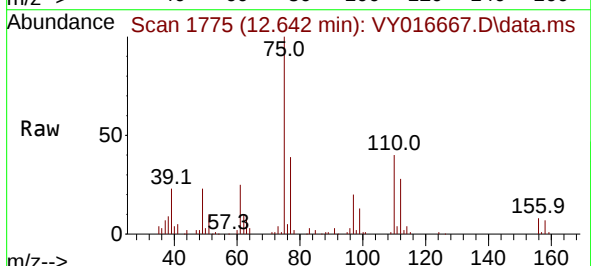
Delta R.T. -0.000 min

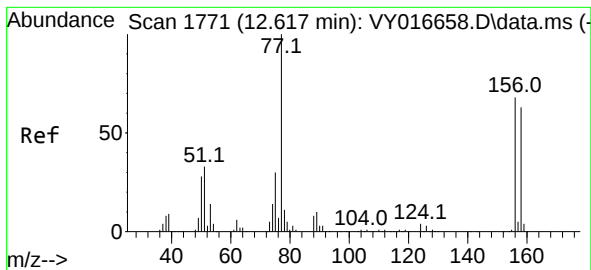
Lab File: VY016667.D

Acq: 16 Dec 2023 14:05

Tgt Ion: 75 Resp: 31772

Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 21.628 ug/l

RT: 12.617 min Scan# 1771

Delta R.T. -0.000 min

Lab File: VY016667.D

Acq: 16 Dec 2023 14:05

Instrument :

MSVOA_Y

ClientSampleId :

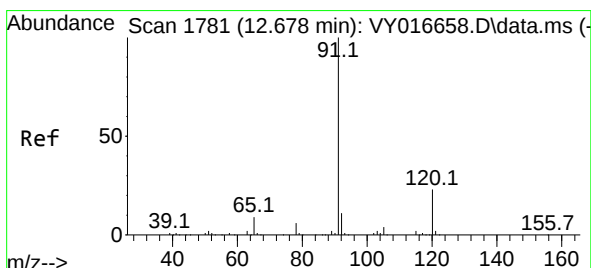
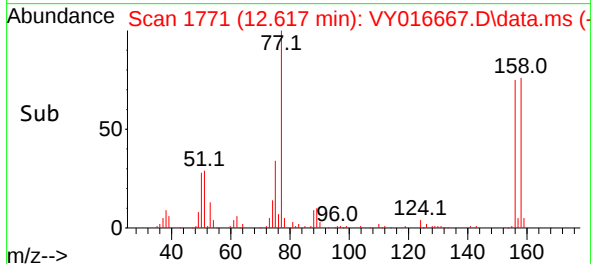
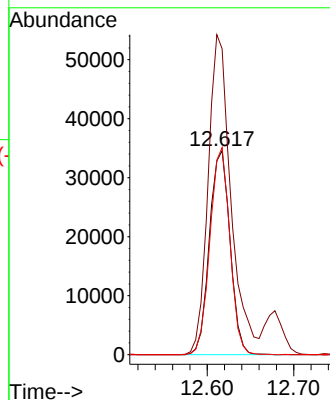
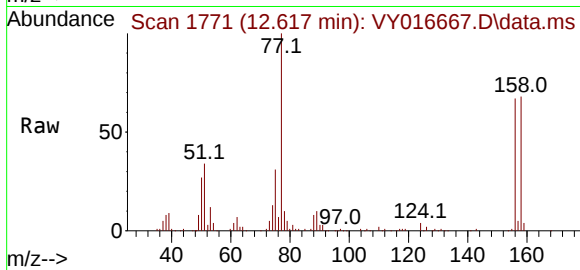
VY1216SBS02

Tgt Ion:	156	Resp:	5712
Ion Ratio	Lower	Upper	
156	100		
77	173.9	92.8	278.6
158	98.1	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: 21.890 ug/l

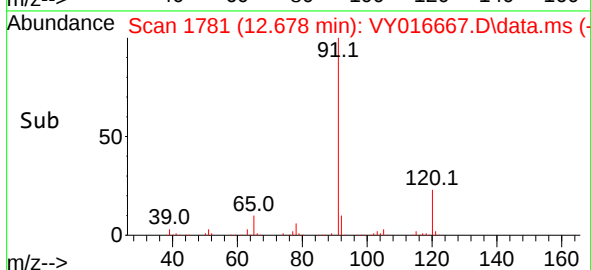
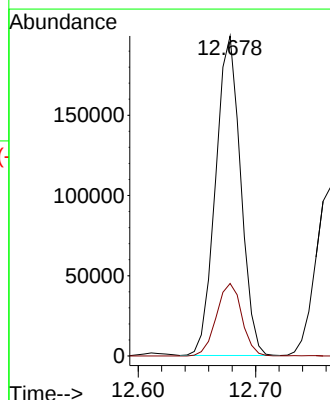
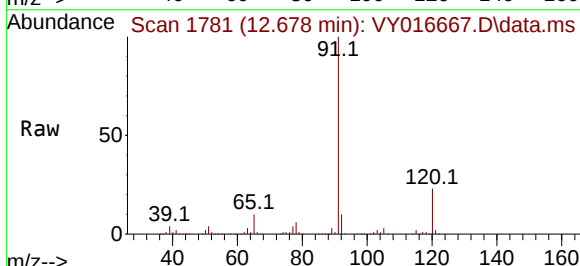
RT: 12.678 min Scan# 1781

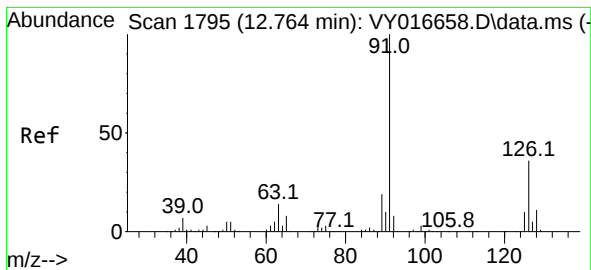
Delta R.T. -0.000 min

Lab File: VY016667.D

Acq: 16 Dec 2023 14:05

Tgt Ion:	91	Resp:	294949
Ion Ratio	Lower	Upper	
91	100		
120	23.0	11.5	34.4





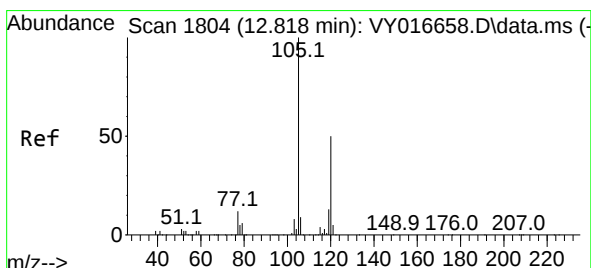
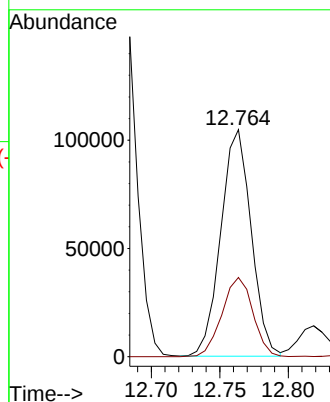
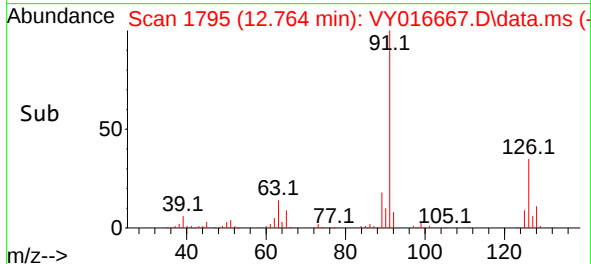
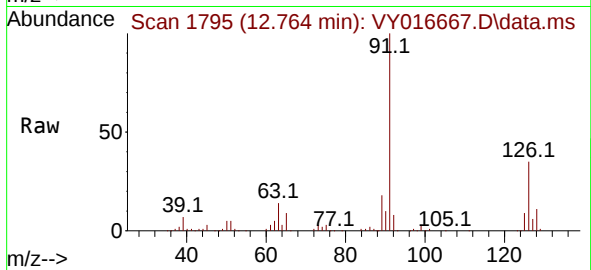
#79
2-Chlorotoluene
Concen: 21.879 ug/l
RT: 12.764 min Scan# 1795
Delta R.T. -0.000 min
Lab File: VY016667.D
Acq: 16 Dec 2023 14:05

Instrument :
MSVOA_Y
ClientSampleId :
VY1216SBS02

Tgt Ion: 91 Resp: 16188
Ion Ratio Lower Upper
91 100
126 35.5 17.3 51.7

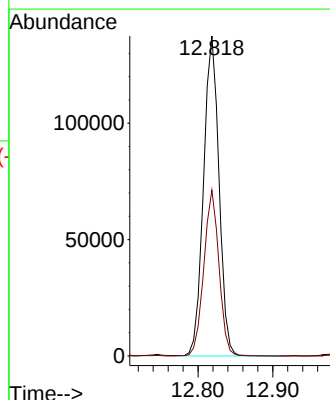
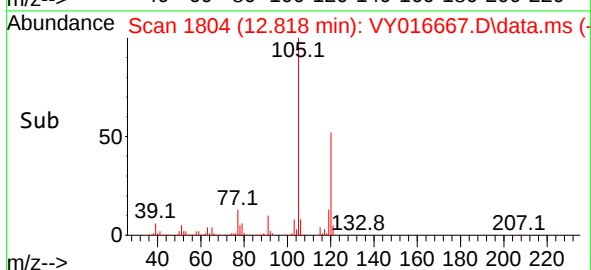
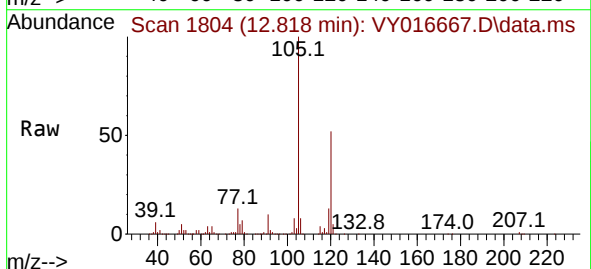
Manual Integrations
APPROVED

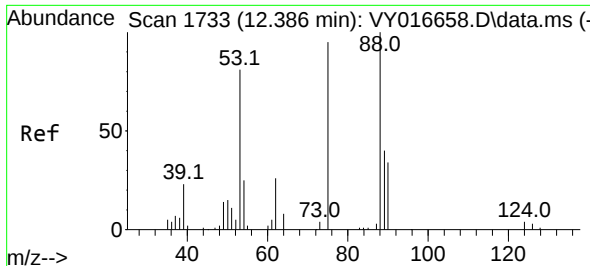
Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023



#80
1,3,5-Trimethylbenzene
Concen: 21.919 ug/l
RT: 12.818 min Scan# 1804
Delta R.T. -0.000 min
Lab File: VY016667.D
Acq: 16 Dec 2023 14:05

Tgt Ion:105 Resp: 197568
Ion Ratio Lower Upper
105 100
120 50.6 23.9 71.7





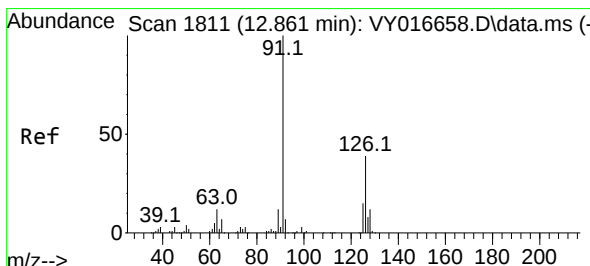
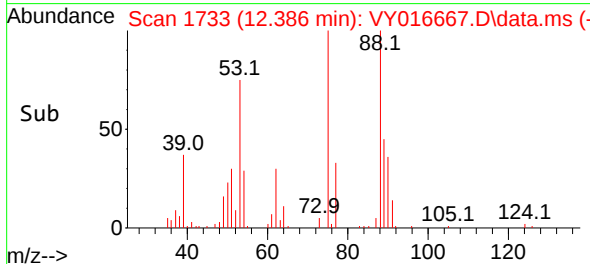
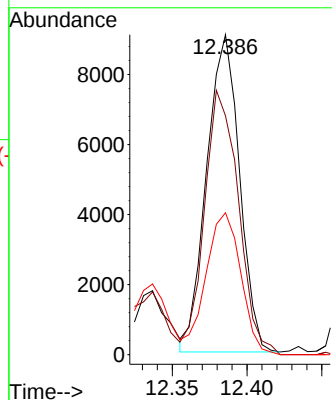
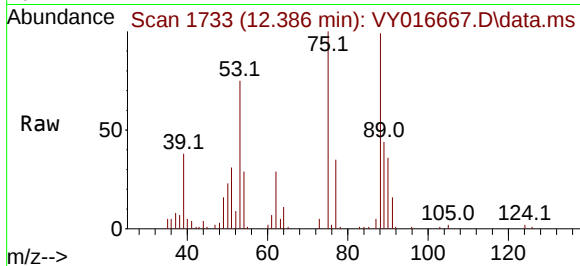
#81
trans-1,4-Dichloro-2-butene
Concen: 21.531 ug/l
RT: 12.386 min Scan# 1733
Delta R.T. -0.000 min
Lab File: VY016667.D
Acq: 16 Dec 2023 14:05

Instrument :
MSVOA_Y
ClientSampleId :
VY1216SBSD02

Tgt Ion: 75 Resp: 1383
Ion Ratio Lower Upper
75 100
53 86.2 77.8 116.8
89 47.8 37.4 56.0

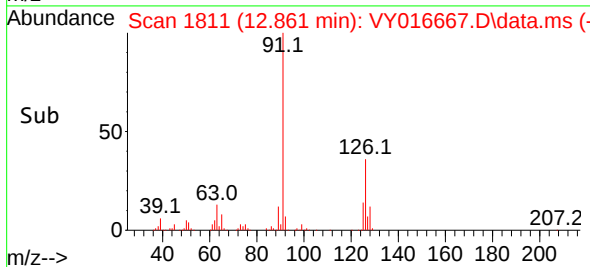
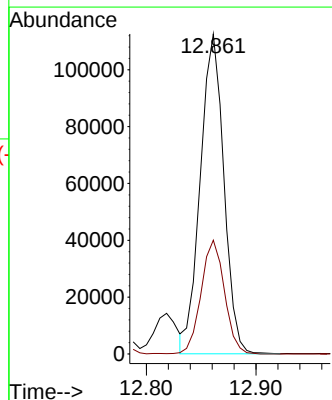
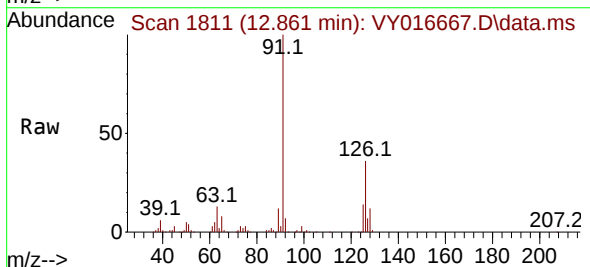
Manual Integrations
APPROVED

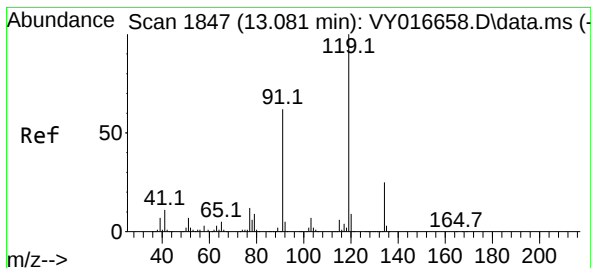
Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023



#82
4-Chlorotoluene
Concen: 21.925 ug/l
RT: 12.861 min Scan# 1811
Delta R.T. -0.000 min
Lab File: VY016667.D
Acq: 16 Dec 2023 14:05

Tgt Ion: 91 Resp: 167751
Ion Ratio Lower Upper
91 100
126 35.3 17.2 51.6





#83

tert-Butylbenzene

Concen: 22.075 ug/l

RT: 13.081 min Scan# 1847

Delta R.T. -0.000 min

Lab File: VY016667.D

Acq: 16 Dec 2023 14:05

Instrument :

MSVOA_Y

ClientSampleId :

VY1216SBS02

Tgt Ion:119 Resp: 17362

Ion Ratio Lower Upper

119 100

91 62.2 32.9 98.6

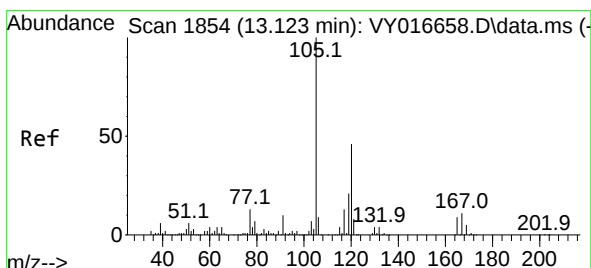
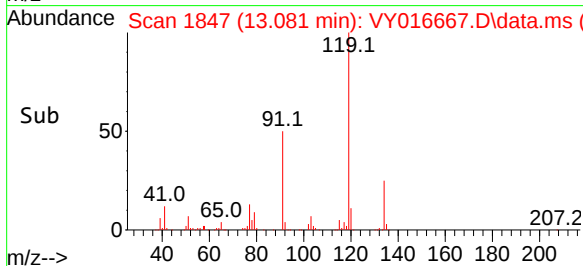
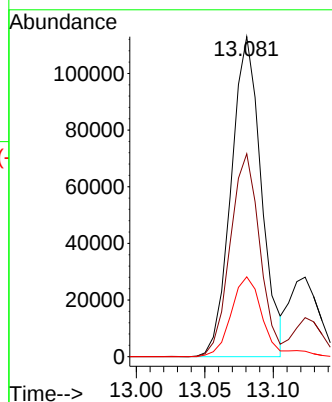
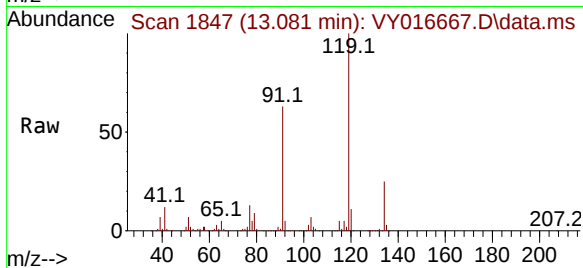
134 26.5 13.0 38.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/18/2023

Supervised By :Semsettin Yesilyurt 12/18/2023



#84

1,2,4-Trimethylbenzene

Concen: 21.989 ug/l

RT: 13.123 min Scan# 1854

Delta R.T. -0.000 min

Lab File: VY016667.D

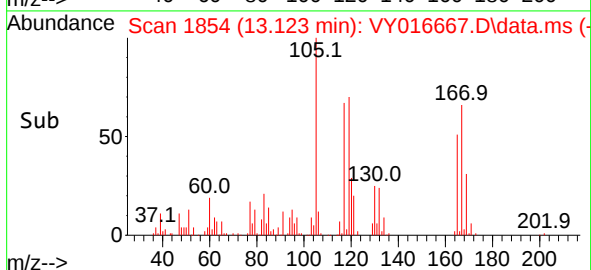
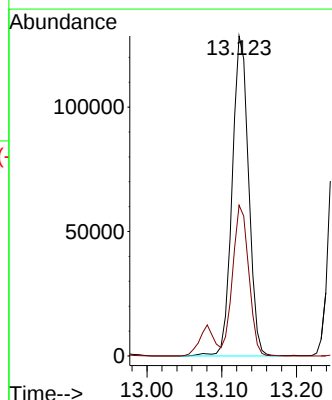
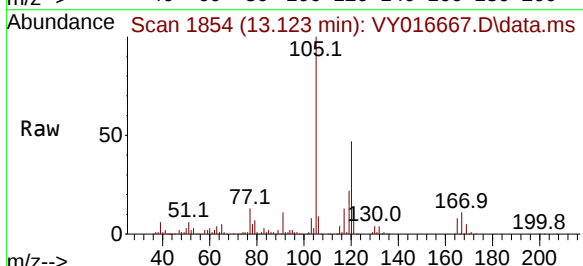
Acq: 16 Dec 2023 14:05

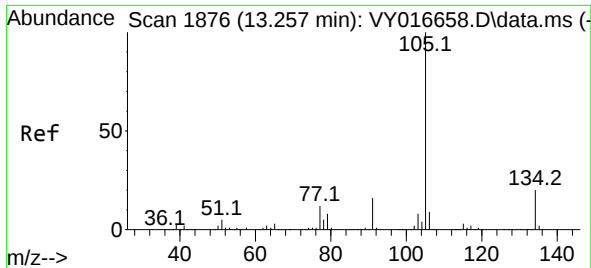
Tgt Ion:105 Resp: 196569

Ion Ratio Lower Upper

105 100

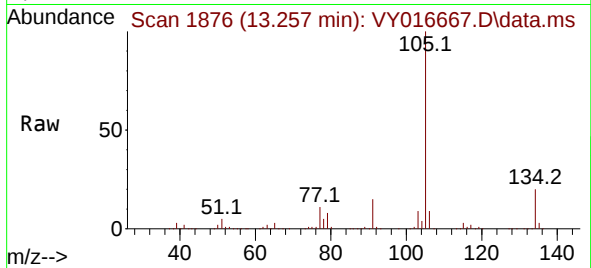
120 46.2 22.2 66.6





#85
 sec-Butylbenzene
 Concen: 21.981 ug/l
 RT: 13.257 min Scan# 1876
 Delta R.T. -0.000 min
 Lab File: VY016667.D
 Acq: 16 Dec 2023 14:05

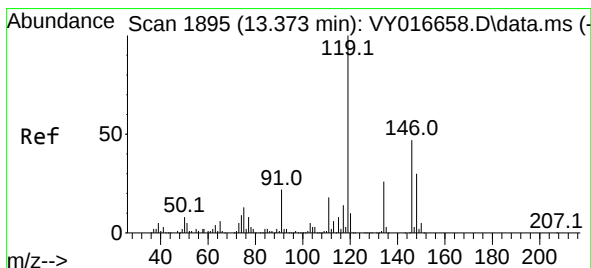
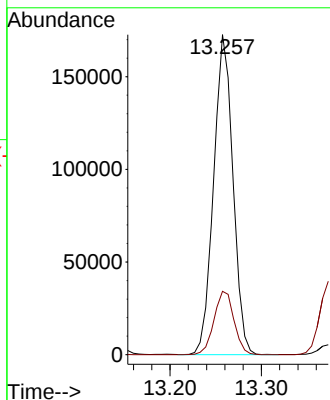
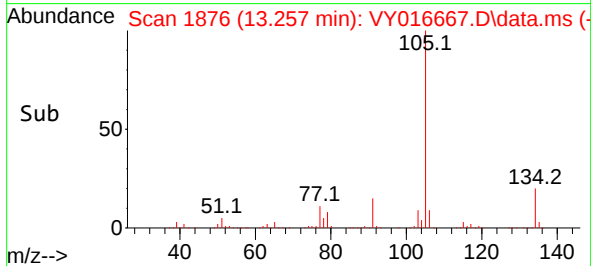
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1216SBS02



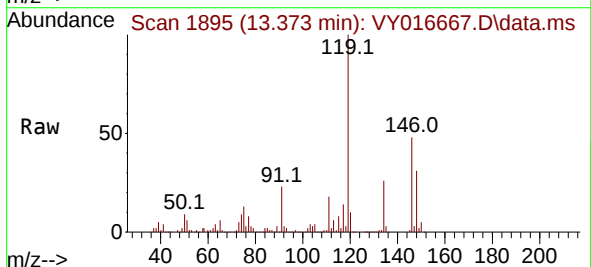
Tgt Ion:105 Resp: 253674
 Ion Ratio Lower Upper
 105 100
 134 20.5 10.2 30.6

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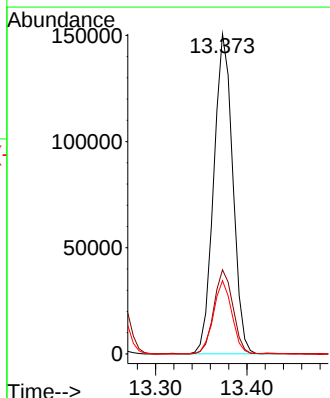
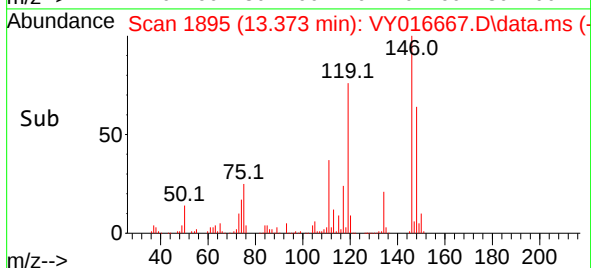
Reviewed By :Mahesh Dadoda 12/18/2023
 Supervised By :Semsettin Yesilyurt 12/18/2023

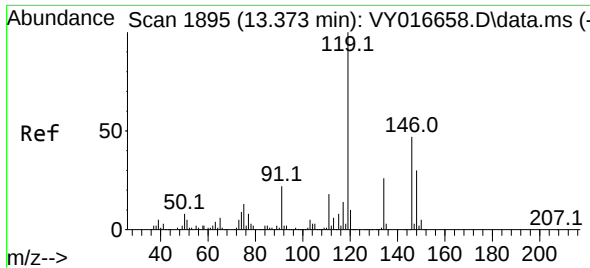


#86
 p-Isopropyltoluene
 Concen: 22.041 ug/l
 RT: 13.373 min Scan# 1895
 Delta R.T. -0.000 min
 Lab File: VY016667.D
 Acq: 16 Dec 2023 14:05



Tgt Ion:119 Resp: 217173
 Ion Ratio Lower Upper
 119 100
 134 26.4 13.3 39.8
 91 22.3 12.4 37.4





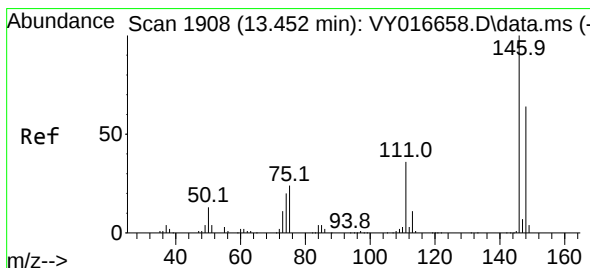
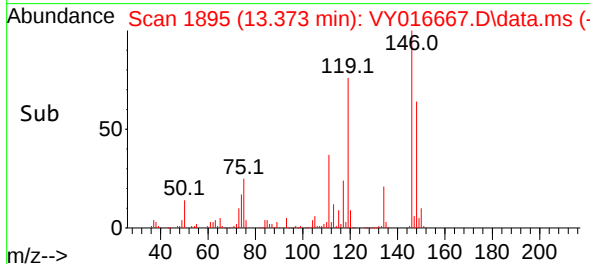
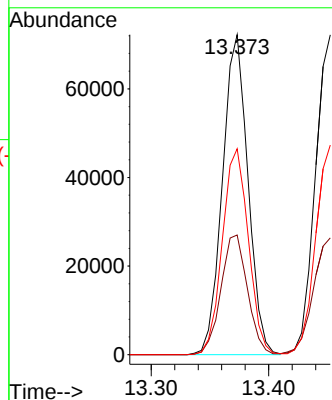
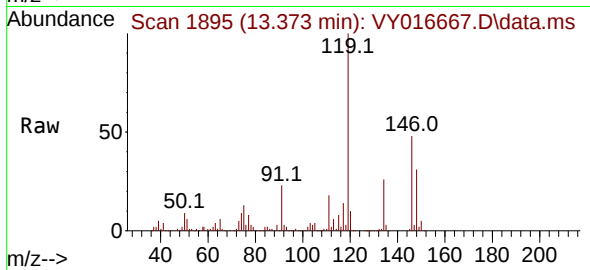
#87
1,3-Dichlorobenzene
Concen: 21.207 ug/l
RT: 13.373 min Scan# 1895
Delta R.T. -0.000 min
Lab File: VY016667.D
Acq: 16 Dec 2023 14:05

Instrument :
MSVOA_Y
ClientSampleId :
VY1216SBS02

Tgt Ion:146 Resp: 10886
Ion Ratio Lower Upper
146 100
111 39.1 19.4 58.2
148 65.8 31.9 95.5

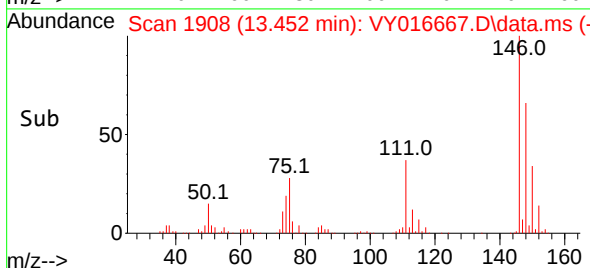
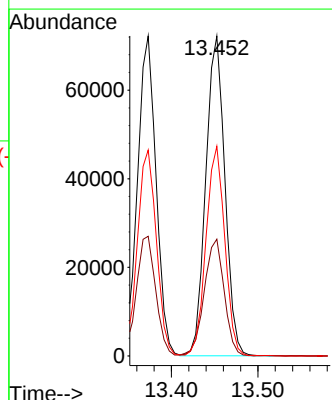
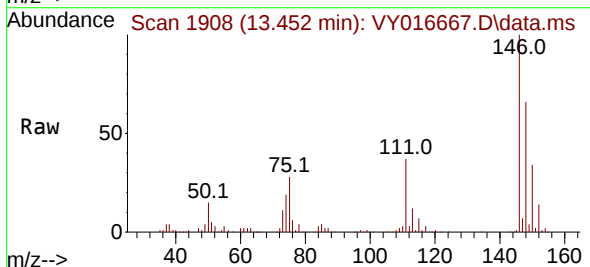
Manual Integrations
APPROVED

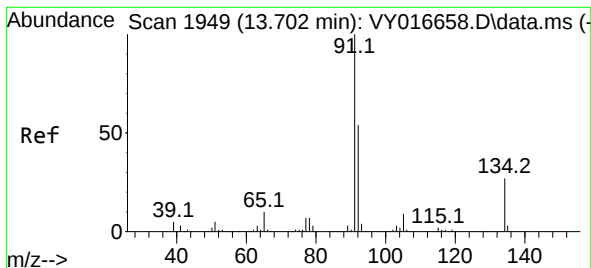
Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023



#88
1,4-Dichlorobenzene
Concen: 21.875 ug/l
RT: 13.452 min Scan# 1908
Delta R.T. -0.000 min
Lab File: VY016667.D
Acq: 16 Dec 2023 14:05

Tgt Ion:146 Resp: 110411
Ion Ratio Lower Upper
146 100
111 38.3 18.9 56.7
148 64.7 32.1 96.5





#89

n-Butylbenzene

Concen: 21.877 ug/l

RT: 13.702 min Scan# 1949

Delta R.T. -0.000 min

Lab File: VY016667.D

Acq: 16 Dec 2023 14:05

Instrument :

MSVOA_Y

ClientSampleId :

VY1216SBS02

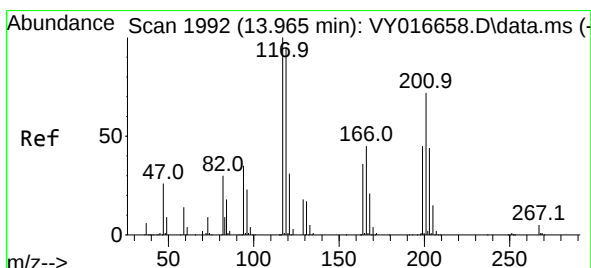
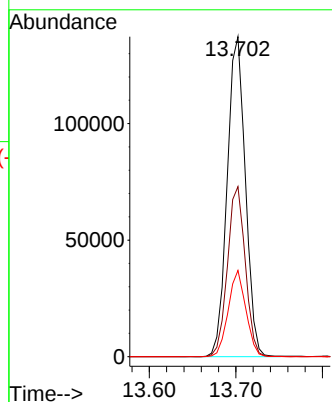
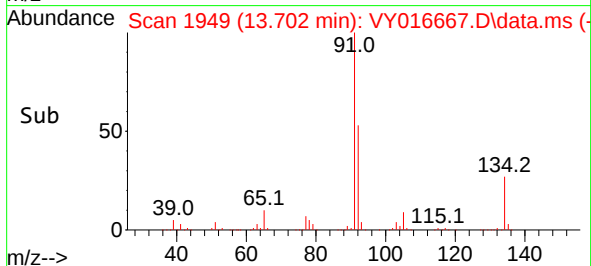
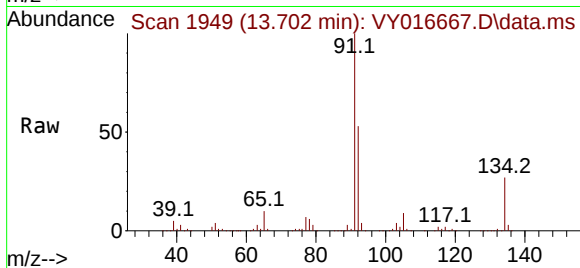
Tgt Ion: 91 Resp: 20024

Ion	Ratio	Lower	Upper
91	100		
92	52.1	25.4	76.0
134	26.2	12.6	37.6

Manual Integrations

APPROVED

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



#90

Hexachloroethane

Concen: 21.444 ug/l

RT: 13.965 min Scan# 1992

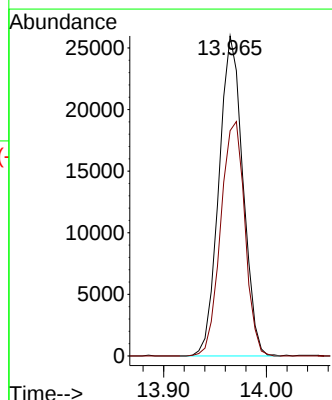
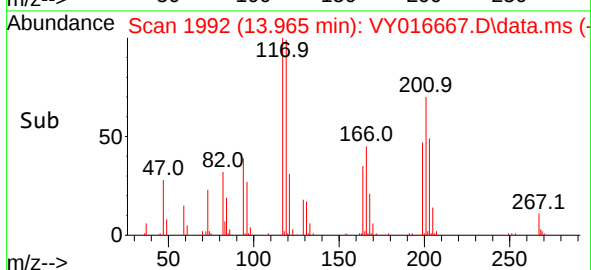
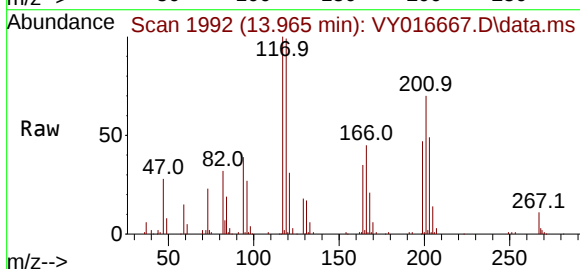
Delta R.T. -0.000 min

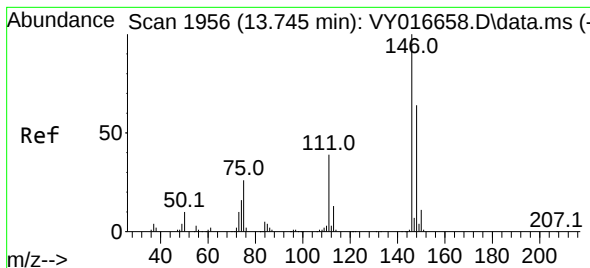
Lab File: VY016667.D

Acq: 16 Dec 2023 14:05

Tgt Ion:117 Resp: 42056

Ion	Ratio	Lower	Upper
117	100		
201	73.7	41.6	124.8





#91

1,2-Dichlorobenzene

Concen: 21.998 ug/l

RT: 13.745 min Scan# 1956

Delta R.T. -0.000 min

Lab File: VY016667.D

Acq: 16 Dec 2023 14:05

Instrument :

MSVOA_Y

ClientSampleId :

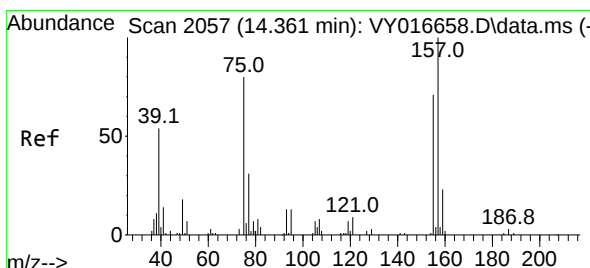
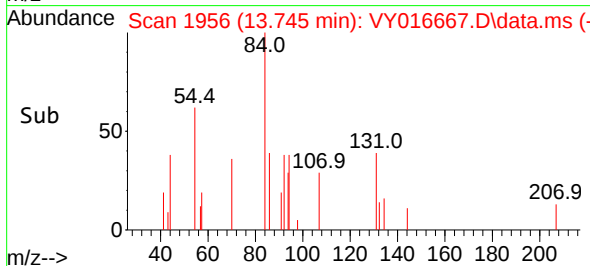
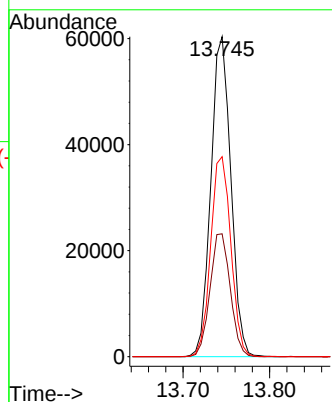
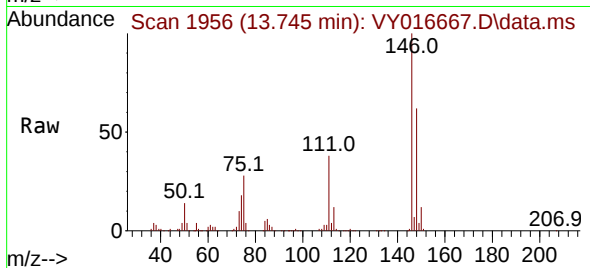
VY1216SBS02

Tgt Ion:	146	Resp:	9688
Ion Ratio	Lower	Upper	
146	100		
111	38.9	19.7	59.0
148	63.1	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: 21.379 ug/l

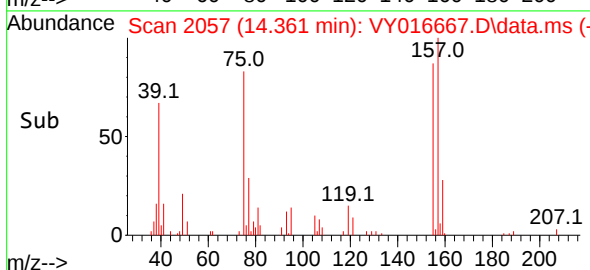
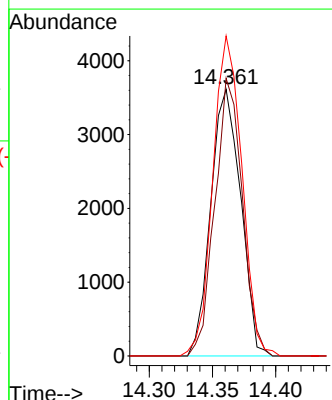
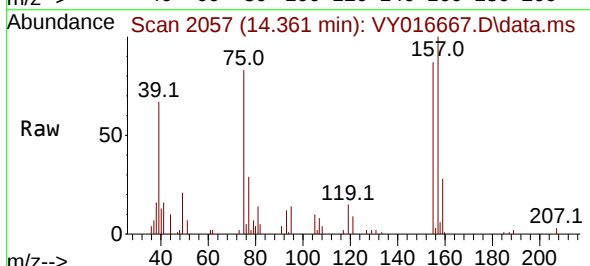
RT: 14.361 min Scan# 2057

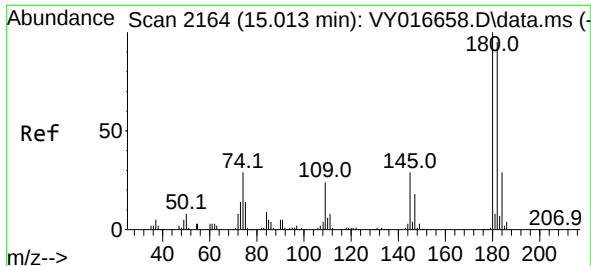
Delta R.T. -0.000 min

Lab File: VY016667.D

Acq: 16 Dec 2023 14:05

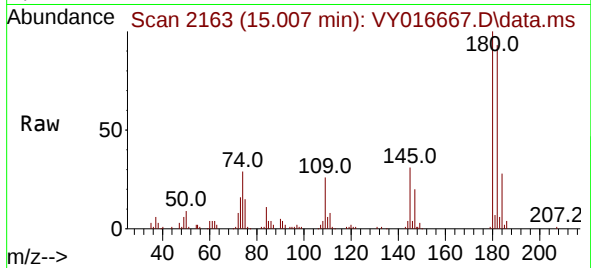
Tgt Ion:	75	Resp:	5934
Ion Ratio	Lower	Upper	
75	100		
155	95.6	41.5	124.6
157	116.4	51.8	155.5





#93
1,2,4-Trichlorobenzene
Concen: 21.913 ug/l
RT: 15.007 min Scan# 2163
Delta R.T. -0.006 min
Lab File: VY016667.D
Acq: 16 Dec 2023 14:05

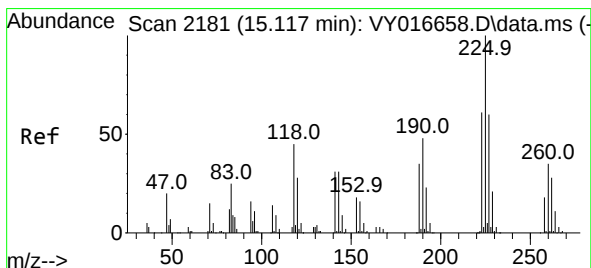
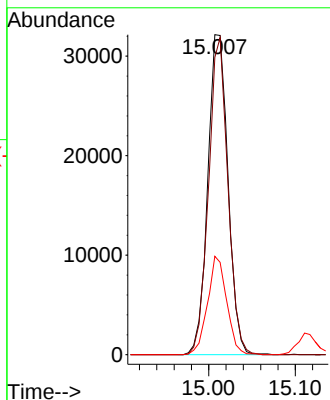
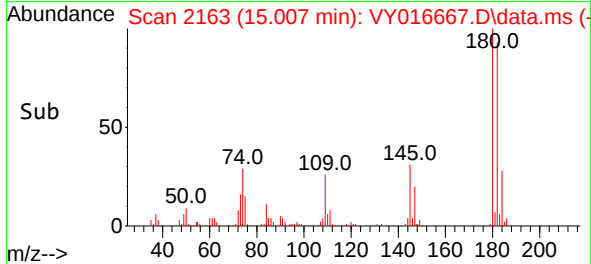
Instrument :
MSVOA_Y
ClientSampleId :
VY1216SBS02



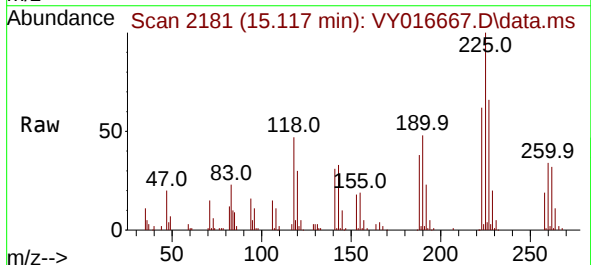
Tgt Ion:180 Resp: 52130
Ion Ratio Lower Upper
180 100
182 94.7 47.0 141.2
145 29.2 14.5 43.5

Manual Integrations
APPROVED

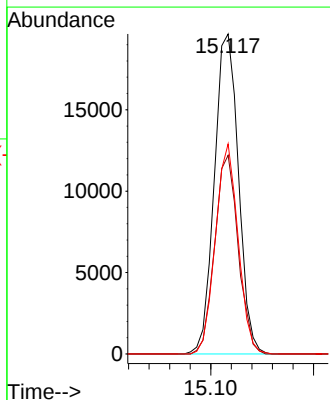
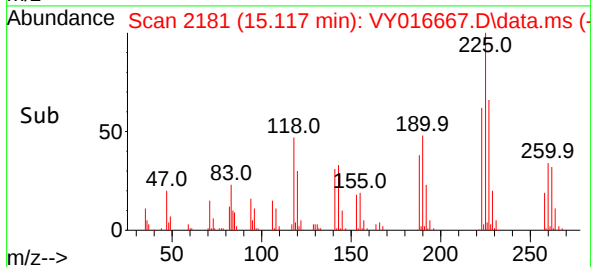
Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023

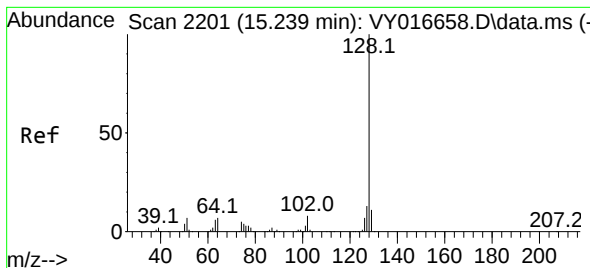


#94
Hexachlorobutadiene
Concen: 22.351 ug/l
RT: 15.117 min Scan# 2181
Delta R.T. -0.000 min
Lab File: VY016667.D
Acq: 16 Dec 2023 14:05



Tgt Ion:225 Resp: 31919
Ion Ratio Lower Upper
225 100
223 60.6 31.9 95.9
227 61.8 33.0 98.9





#95

Naphthalene

Concen: 23.542 ug/l

RT: 15.239 min Scan# 2201

Delta R.T. -0.000 min

Lab File: VY016667.D

Acq: 16 Dec 2023 14:05

Instrument :

MSVOA_Y

ClientSampleId :

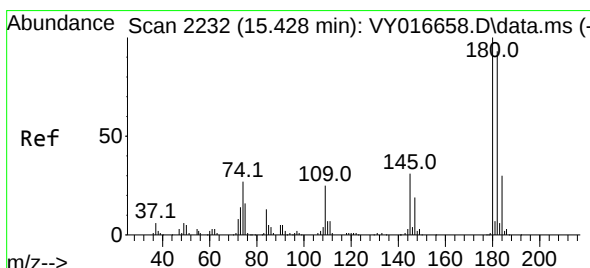
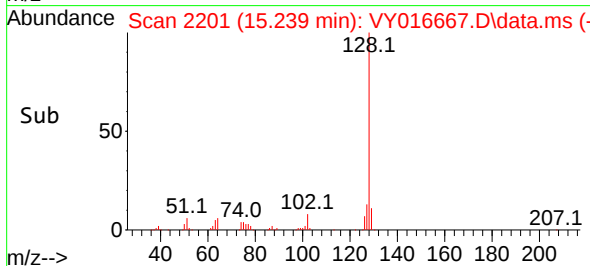
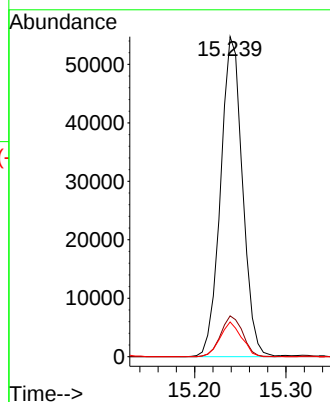
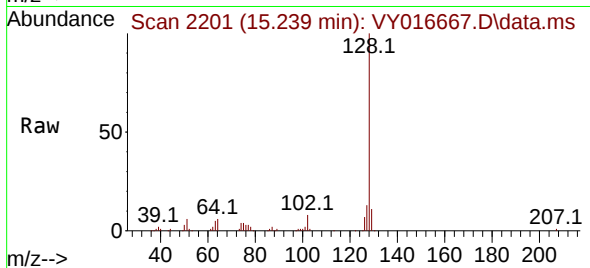
VY1216SBS02

Tgt Ion:	128	Resp:	9137
Ion Ratio	Lower	Upper	
128	100		
127	12.9	10.8	16.2
129	10.6	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: 21.499 ug/l

RT: 15.428 min Scan# 2232

Delta R.T. -0.000 min

Lab File: VY016667.D

Acq: 16 Dec 2023 14:05

Tgt Ion:	180	Resp:	42165
Ion Ratio	Lower	Upper	
180	100		
182	96.0	47.3	141.8
145	31.8	15.4	46.2

