

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120123\
 Data File : VY016555.D
 Acq On : 01 Dec 2023 11:06
 Operator : SY/MD
 Sample : VY1201SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1201SBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/04/2023
 Supervised By : Semsettin Yesilyurt 12/04/2023

Quant Time: Dec 01 23:36:06 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y112923S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 30 03:28:04 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.807	168	154884	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.703	114	234952	50.000	ug/l	-0.01
63) Chlorobenzene-d5	11.507	117	198689	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	93198	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.154	65	68008	55.578	ug/l	-0.02
Spiked Amount 50.000	Range 50 - 163		Recovery = 111.160%			
35) Dibromofluoromethane	7.734	113	78016	56.576	ug/l	-0.01
Spiked Amount 50.000	Range 54 - 147		Recovery = 113.160%			
50) Toluene-d8	10.197	98	308520	57.685	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 115.380%			
62) 4-Bromofluorobenzene	12.495	95	98468	58.689	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 117.380%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.912	85	31690	23.488	ug/l	99
3) Chloromethane	2.119	50	30295	22.509	ug/l	99
4) Vinyl Chloride	2.259	62	34721	22.857	ug/l	99
5) Bromomethane	2.661	94	22123	22.498	ug/l	98
6) Chloroethane	2.808	64	21473	21.896	ug/l	95
7) Trichlorofluoromethane	3.137	101	58676	22.312	ug/l	99
8) Diethyl Ether	3.539	74	14545	20.824	ug/l	75
9) 1,1,2-Trichlorotrifluo...	3.917	101	32490	21.764	ug/l	96
10) Methyl Iodide	4.106	142	36874	21.833	ug/l	97
11) Tert butyl alcohol	4.960	59	7807	100.662	ug/l #	85
12) 1,1-Dichloroethene	3.887	96	30311	21.725	ug/l	83
13) Acrolein	3.734	56	13495	91.827	ug/l	99
14) Allyl chloride	4.496	41	34239	21.347	ug/l #	88
15) Acrylonitrile	5.179	53	24553	99.337	ug/l	97
16) Acetone	3.954	43	26627	110.407	ug/l #	83
17) Carbon Disulfide	4.210	76	83103	21.112	ug/l	99
18) Methyl Acetate	4.496	43	17094	18.872	ug/l #	80
19) Methyl tert-butyl Ether	5.234	73	63692	20.949	ug/l	92
20) Methylene Chloride	4.740	84	35786	23.589	ug/l #	78
21) trans-1,2-Dichloroethene	5.240	96	34588	22.259	ug/l	86
22) Diisopropyl ether	6.142	45	73147	21.750	ug/l #	81
23) Vinyl Acetate	6.075	43	162697	104.903	ug/l #	84
24) 1,1-Dichloroethane	6.033	63	51502	21.699	ug/l	96
25) 2-Butanone	7.002	43	35616	107.880	ug/l #	78
26) 2,2-Dichloropropane	7.002	77	51761	22.065	ug/l	94
27) cis-1,2-Dichloroethene	7.002	96	37608	22.527	ug/l	84
28) Bromochloromethane	7.356	49	16952	19.762	ug/l #	63
29) Tetrahydrofuran	7.368	42	17457	98.427	ug/l #	76
30) Chloroform	7.520	83	58596	22.150	ug/l	97
31) Cyclohexane	7.801	56	45758	21.300	ug/l #	82
32) 1,1,1-Trichloroethane	7.715	97	57180	22.305	ug/l	95
36) 1,1-Dichloropropene	7.935	75	45323	22.257	ug/l	96
37) Ethyl Acetate	7.087	43	13212	20.701	ug/l #	90
38) Carbon Tetrachloride	7.917	117	52989	22.171	ug/l	99
39) Methylcyclohexane	9.197	83	55767	21.956	ug/l	88
40) Benzene	8.179	78	128687	22.289	ug/l	99

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.331	41	6592m	19.608	ug/l	
42) 1,2-Dichloroethane	8.252	62	31186	21.797	ug/l	90
43) Isopropyl Acetate	8.288	43	25087	19.989	ug/l #	80
44) Trichloroethene	8.953	130	40157	22.581	ug/l	94
45) 1,2-Dichloropropane	9.233	63	28411	21.808	ug/l	100
46) Dibromomethane	9.319	93	15769	21.526	ug/l	96
47) Bromodichloromethane	9.514	83	42551	22.000	ug/l	99
48) Methyl methacrylate	9.307	41	14095	20.005	ug/l #	75
49) 1,4-Dioxane	9.313	88	2759	406.326	ug/l #	58
51) 4-Methyl-2-Pentanone	10.081	43	63896	97.594	ug/l #	83
52) Toluene	10.258	92	83943	22.633	ug/l	94
53) t-1,3-Dichloropropene	10.477	75	38929	21.721	ug/l	98
54) cis-1,3-Dichloropropene	9.941	75	47893	22.052	ug/l #	84
55) 1,1,2-Trichloroethane	10.660	97	22970	21.730	ug/l	96
56) Ethyl methacrylate	10.526	69	18685	20.887	ug/l #	73
57) 1,3-Dichloropropane	10.806	76	36940	21.695	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.794	63	53115	96.018	ug/l #	86
59) 2-Hexanone	10.843	43	54044	104.502	ug/l	80
60) Dibromochloromethane	10.995	129	30350	21.966	ug/l	99
61) 1,2-Dibromoethane	11.105	107	21254	21.291	ug/l	99
64) Tetrachloroethene	10.733	164	40428	22.863	ug/l	98
65) Chlorobenzene	11.532	112	90295	22.693	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.605	131	34408	22.557	ug/l	99
67) Ethyl Benzene	11.605	91	158070	22.631	ug/l	97
68) m/p-Xylenes	11.715	106	124828	46.178	ug/l	91
69) o-Xylene	12.044	106	57342	23.107	ug/l	95
70) Styrene	12.056	104	82131	23.002	ug/l	97
71) Bromoform	12.221	173	17233	21.872	ug/l #	100
73) Isopropylbenzene	12.343	105	160560	22.718	ug/l	98
74) N-amyl acetate	12.154	43	19645	19.682	ug/l #	75
75) 1,1,2,2-Tetrachloroethane	12.593	83	21860	20.836	ug/l	98
76) 1,2,3-Trichloropropane	12.641	75	14268m	18.234	ug/l	
77) Bromobenzene	12.623	156	36624	22.255	ug/l	86
78) n-propylbenzene	12.684	91	181630	22.463	ug/l	97
79) 2-Chlorotoluene	12.769	91	100861	22.427	ug/l	95
80) 1,3,5-Trimethylbenzene	12.824	105	128773	22.665	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.391	75	7384	20.580	ug/l	87
82) 4-Chlorotoluene	12.867	91	103653	22.448	ug/l	97
83) tert-Butylbenzene	13.086	119	115593	22.545	ug/l	97
84) 1,2,4-Trimethylbenzene	13.135	105	125187	22.632	ug/l	98
85) sec-Butylbenzene	13.263	105	163118	23.003	ug/l	98
86) p-Isopropyltoluene	13.379	119	141512	23.096	ug/l	98
87) 1,3-Dichlorobenzene	13.379	146	69529	22.375	ug/l	99
88) 1,4-Dichlorobenzene	13.458	146	68559	22.541	ug/l	100
89) n-Butylbenzene	13.708	91	121184	22.565	ug/l	96
90) Hexachloroethane	13.970	117	26211	21.926	ug/l	100
91) 1,2-Dichlorobenzene	13.751	146	58747	22.307	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.367	75	3006	20.367	ug/l	79
93) 1,2,4-Trichlorobenzene	15.019	180	31326	21.505	ug/l	96
94) Hexachlorobutadiene	15.123	225	21464	23.533	ug/l	98
95) Naphthalene	15.251	128	49136	20.346	ug/l	99
96) 1,2,3-Trichlorobenzene	15.434	180	24829	21.427	ug/l	98

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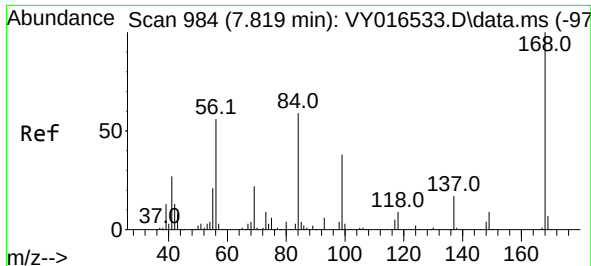
Manual Integrations
APPROVED

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Quant Title : SW846 8260
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Response via : Initial Calibration

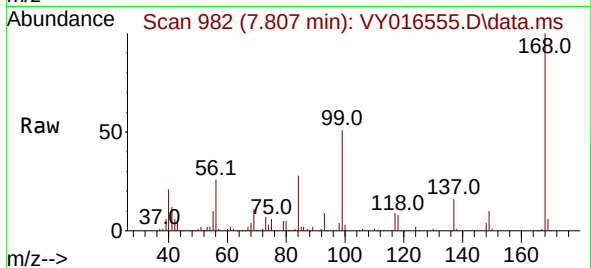
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.807 min Scan# 99
Delta R.T. -0.012 min
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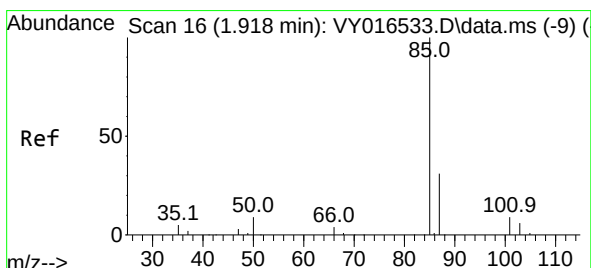
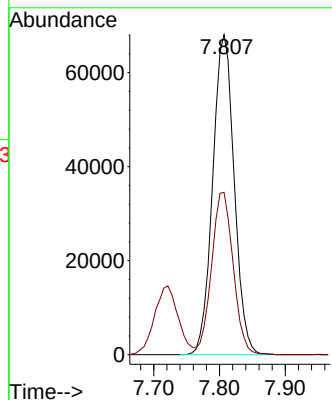
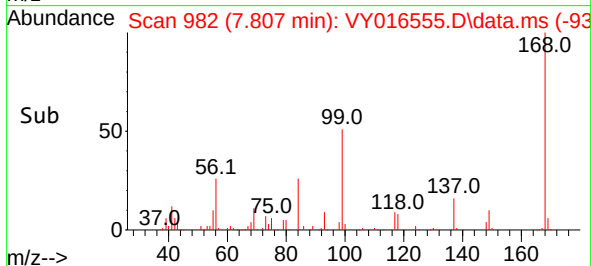
Instrument :
MSVOA_Y
ClientSampleId :
VY1201SBSD01



Tgt Ion:168 Resp: 154884
Ion Ratio Lower Upper
168 100
99 50.7 43.4 65.0

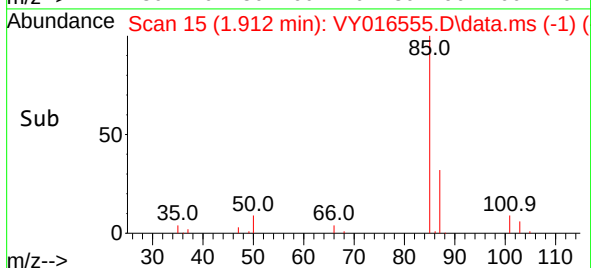
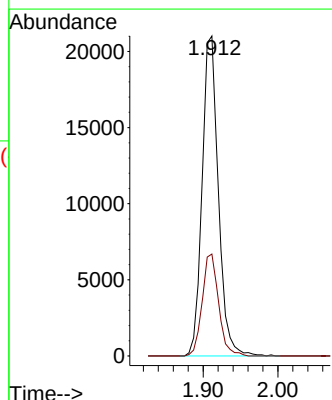
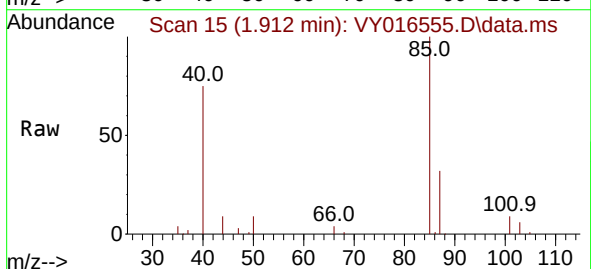
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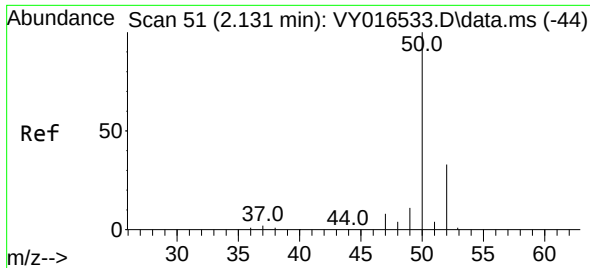
Reviewed By :John Carlone 12/04/2023
Supervised By :Semsettin Yesilyurt 12/04/2023



#2
Dichlorodifluoromethane
Concen: 23.488 ug/l
RT: 1.912 min Scan# 15
Delta R.T. -0.006 min
Lab File: VY016555.D
Acq: 01 Dec 2023 11:06

Tgt Ion: 85 Resp: 31690
Ion Ratio Lower Upper
85 100
87 31.8 15.6 46.8





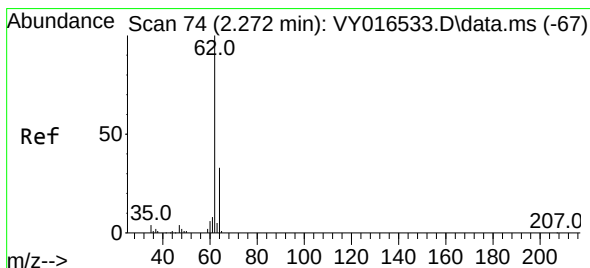
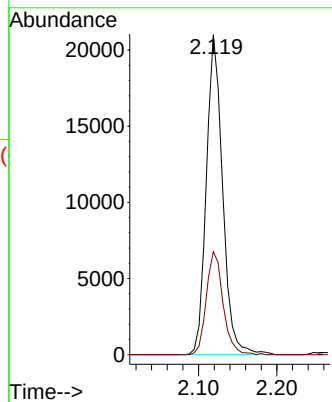
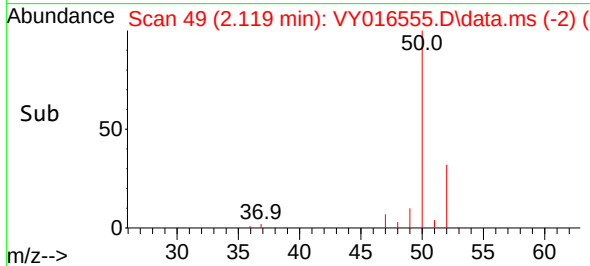
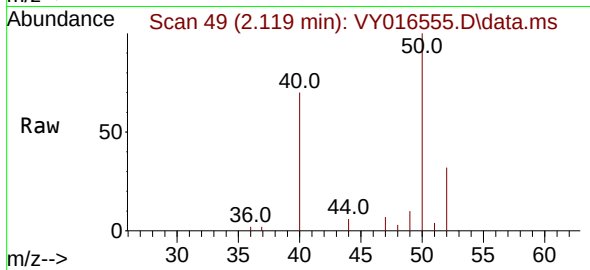
#3
Chloromethane
Concen: 22.509 ug/l
RT: 2.119 min Scan# 49
Delta R.T. -0.012 min
Lab File: VY016555.D
Acq: 01 Dec 2023 11:06

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Tgt Ion: 50 Resp: 3029
Ion Ratio Lower Upper
50 100
52 32.2 25.4 38.2

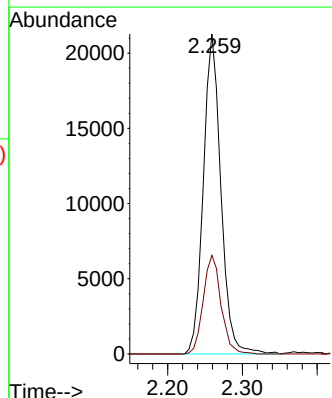
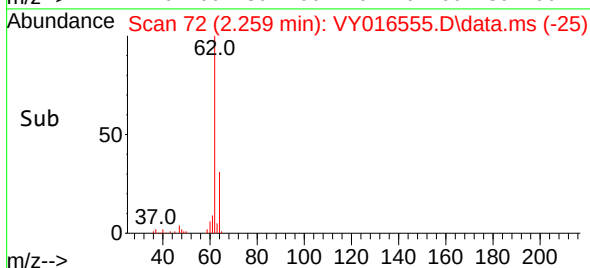
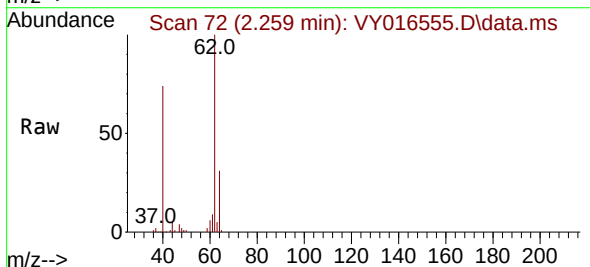
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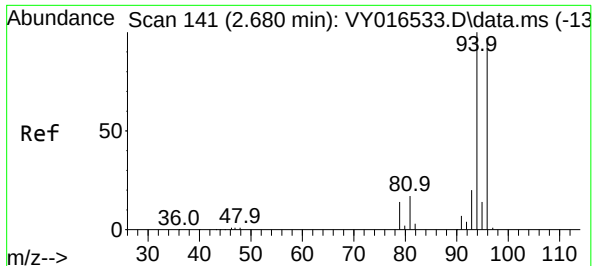
Reviewed By :John Carlone 12/04/2023
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#4
Vinyl Chloride
Concen: 22.857 ug/l
RT: 2.259 min Scan# 72
Delta R.T. -0.012 min
Lab File: VY016555.D
Acq: 01 Dec 2023 11:06

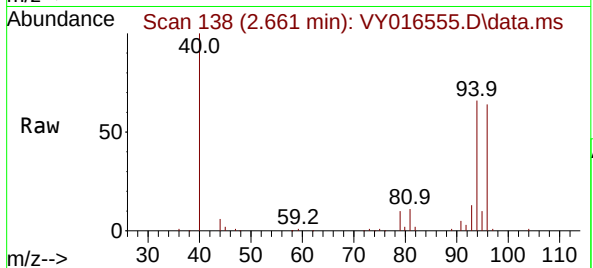
Tgt Ion: 62 Resp: 34721
Ion Ratio Lower Upper
62 100
64 30.8 24.3 36.5





#5
Bromomethane
Concen: 22.498 ug/l
RT: 2.661 min Scan# 11
Delta R.T. -0.019 min
Lab File: VY016555.D
Acq: 01 Dec 2023 11:06

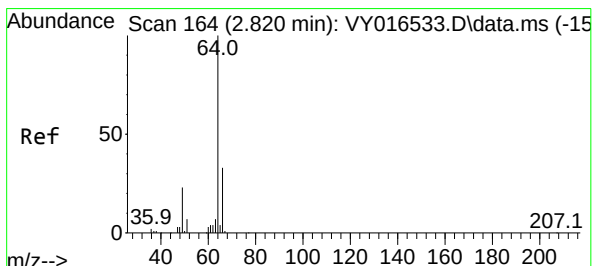
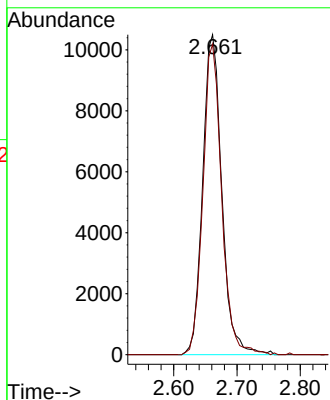
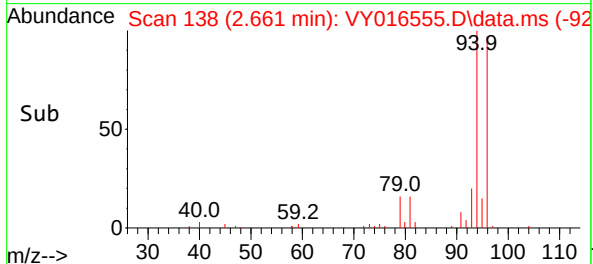
Instrument :
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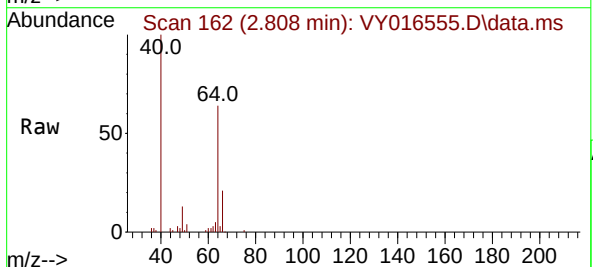
Tgt Ion: 94 Resp: 2212
Ion Ratio Lower Upper
94 100
96 97.1 75.8 113.6

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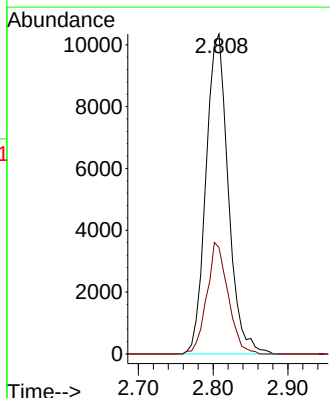
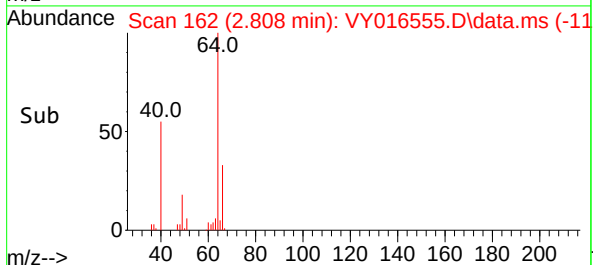
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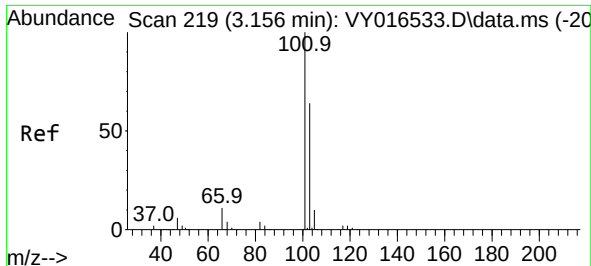


#6
Chloroethane
Concen: 21.896 ug/l
RT: 2.808 min Scan# 162
Delta R.T. -0.012 min
Lab File: VY016555.D
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Tgt Ion: 64 Resp: 21473
Ion Ratio Lower Upper
64 100
66 33.3 24.4 36.6





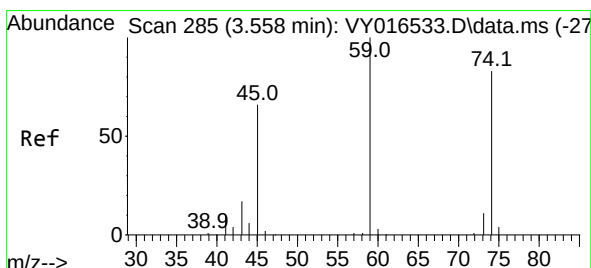
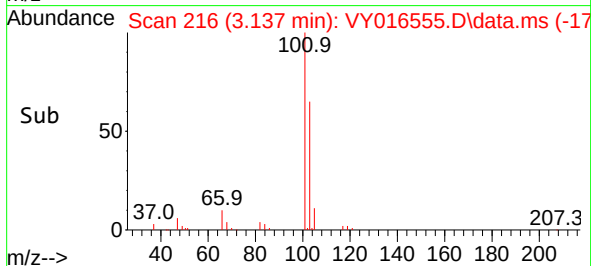
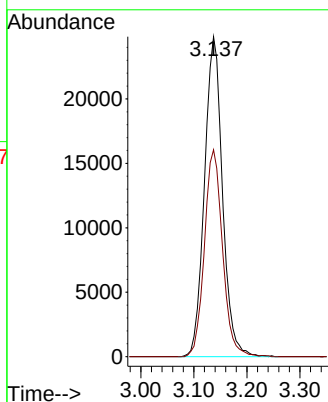
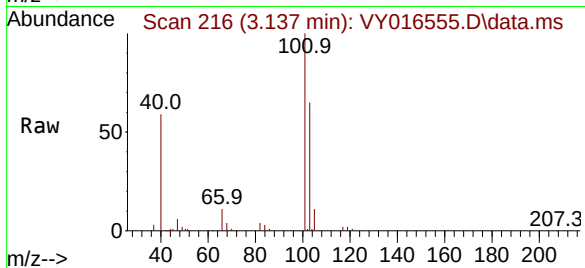
#7
 Trichlorofluoromethane
 Concen: 22.312 ug/l
 RT: 3.137 min Scan# 219
 Delta R.T. -0.019 min
 Lab File: VY016555.D
 Acq: 01 Dec 2023 11:06

Instrument :
 MSVOA_Y
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 VY1201SBSD01

Tgt Ion:101 Resp: 58670
 Ion Ratio Lower Upper
 101 100
 103 64.6 51.4 77.0

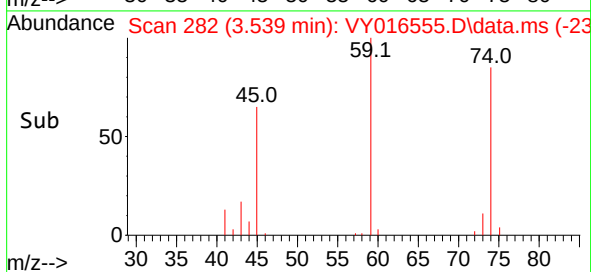
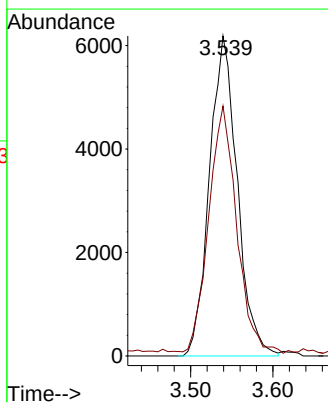
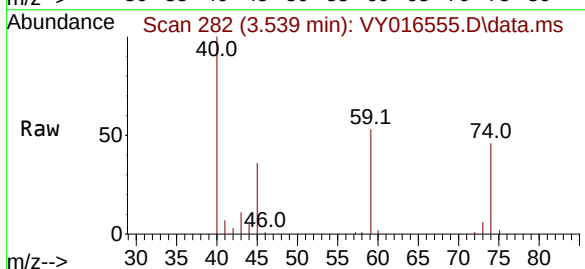
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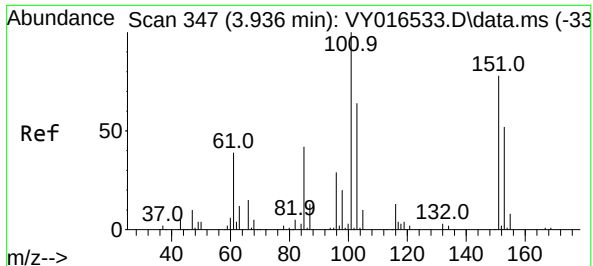
Reviewed By :John Carlone 12/04/2023
 Supervised By :Semsettin Yesilyurt 12/04/2023



#8
 Diethyl Ether
 Concen: 20.824 ug/l
 RT: 3.539 min Scan# 282
 Delta R.T. -0.019 min
 Lab File: VY016555.D
 Acq: 01 Dec 2023 11:06

Tgt Ion: 74 Resp: 14545
 Ion Ratio Lower Upper
 74 100
 45 77.7 51.5 154.5





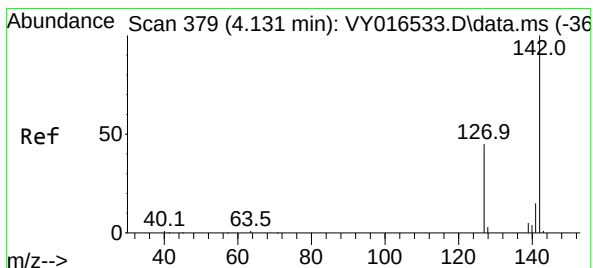
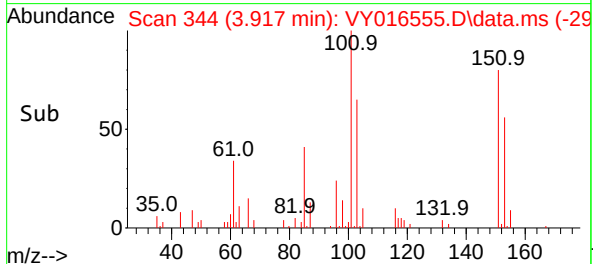
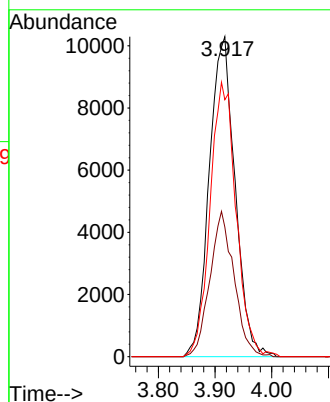
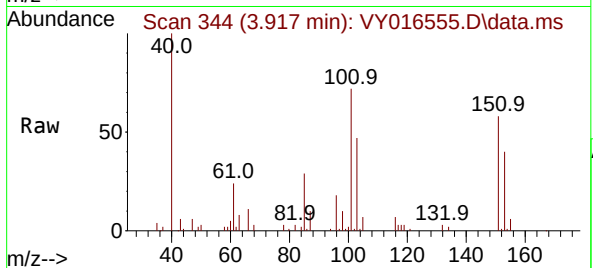
#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.764 ug/l
RT: 3.917 min Scan# 344
Delta R.T. -0.019 min
Lab File: VY016555.D
Acq: 01 Dec 2023 11:06

Instrument :
MSVOA_Y
ClientSampleId :
VY1201SBSD01

Tgt Ion:101 Resp: 32490
Ion Ratio Lower Upper
101 100
85 42.7 36.6 55.0
151 86.6 67.0 100.6

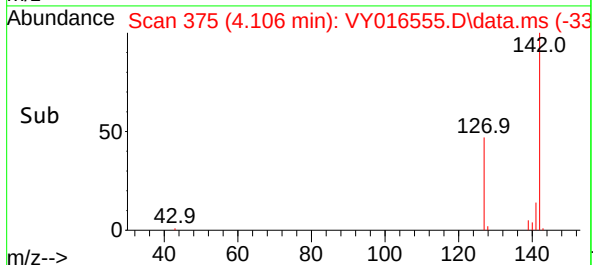
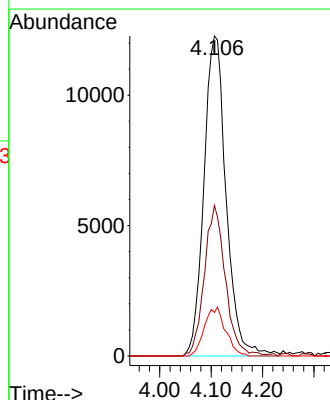
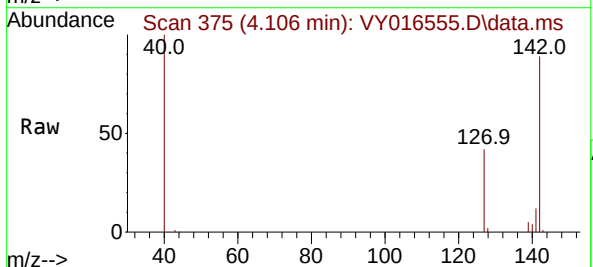
Manual Integrations
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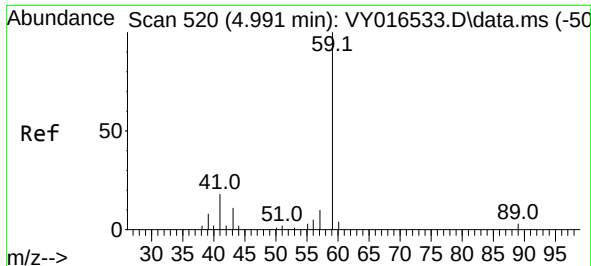
Reviewed By :John Carlone 12/04/2023
Supervised By :Semsettin Yesilyurt 12/04/2023



#10
Methyl Iodide
Concen: 21.833 ug/l
RT: 4.106 min Scan# 375
Delta R.T. -0.025 min
Lab File: VY016555.D
Acq: 01 Dec 2023 11:06

Tgt Ion:142 Resp: 36874
Ion Ratio Lower Upper
142 100
127 44.4 37.6 56.4
141 14.5 11.8 17.8





#11

Tert butyl alcohol

Concen: 100.662 ug/l

RT: 4.960 min Scan# 515

Delta R.T. -0.031 min

Lab File: VY016555.D

Acq: 01 Dec 2023 11:06

Instrument :

MSVOA_Y

ClientSampleId :

VY1201SBS01

Tgt Ion: 59 Resp: 780

Ion Ratio Lower Upper

59 100

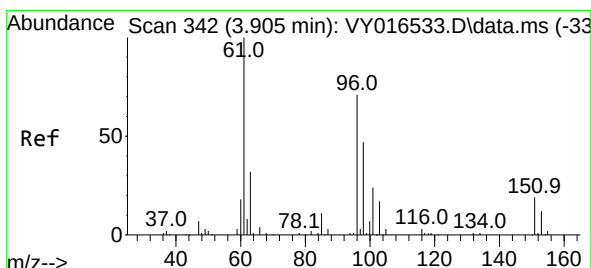
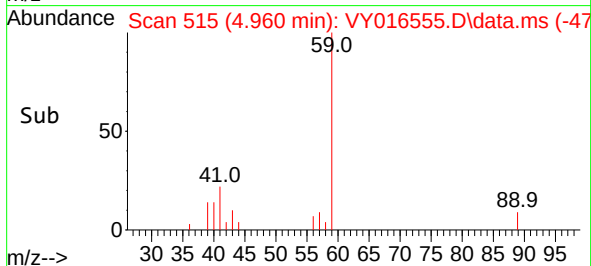
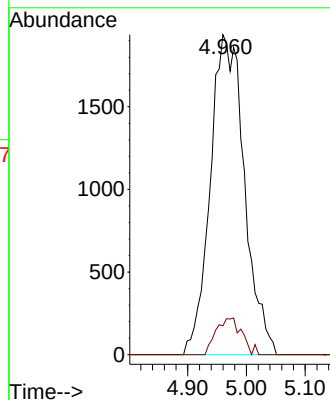
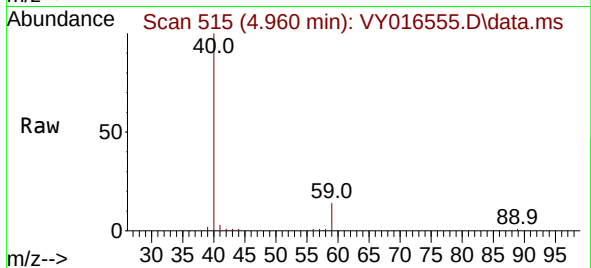
57 8.6 3.0 4.4

Manual Integrations

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Reviewed By :John Carlone 12/04/2023

Supervised By :Semsettin Yesilyurt 12/04/2023



#12

1,1-Dichloroethene

Concen: 21.725 ug/l

RT: 3.887 min Scan# 339

Delta R.T. -0.019 min

Lab File: VY016555.D

Acq: 01 Dec 2023 11:06

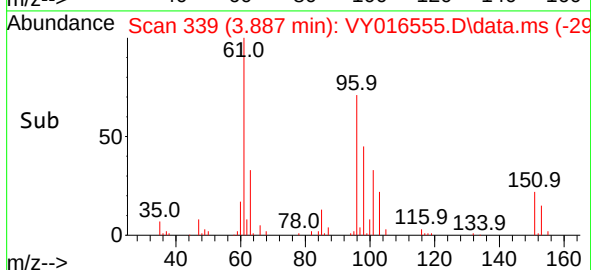
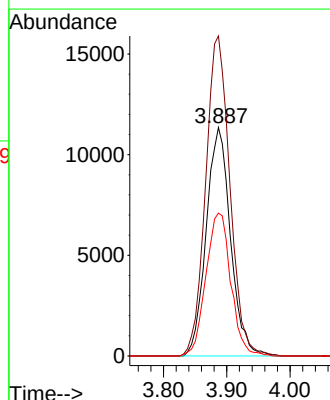
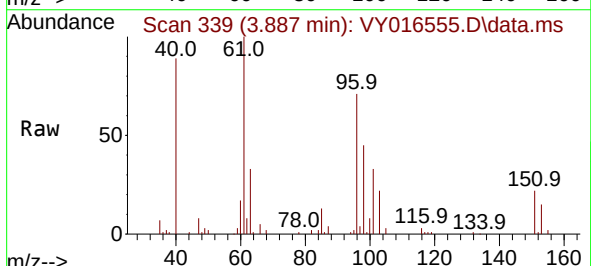
Tgt Ion: 96 Resp: 30311

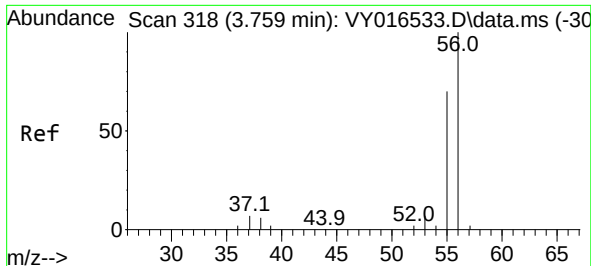
Ion Ratio Lower Upper

96 100

61 140.1 136.4 204.6

98 62.6 49.4 74.2





#13

Acrolein

Concen: 91.827 ug/l

RT: 3.734 min Scan# 318

Delta R.T. -0.025 min

Lab File: VY016555.D

Acq: 01 Dec 2023 11:06

Instrument :

MSVOA_Y

ClientSampleId :

VY1201SBSD01

Tgt Ion: 56 Resp: 1349

Ion Ratio Lower Upper

56 100

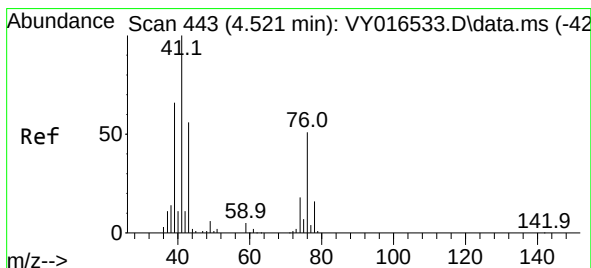
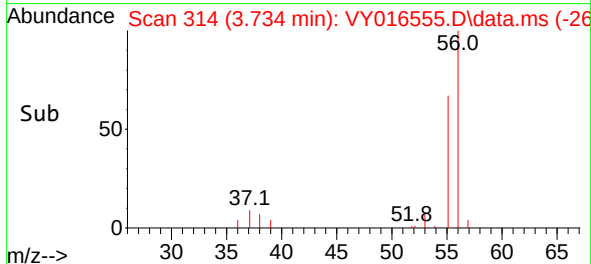
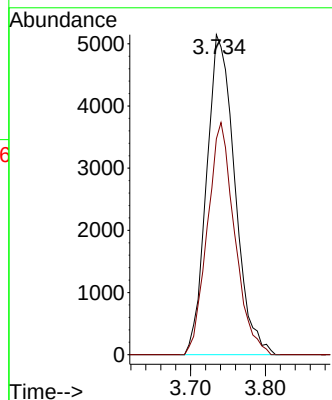
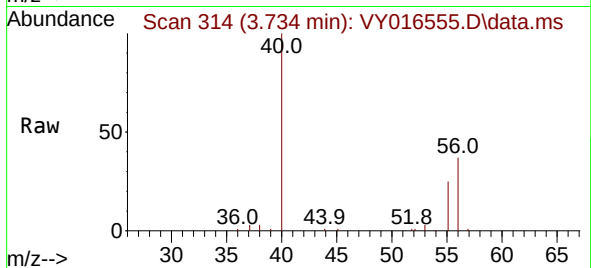
55 70.4 57.0 85.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/04/2023

Supervised By :Semsettin Yesilyurt 12/04/2023



#14

Allyl chloride

Concen: 21.347 ug/l

RT: 4.496 min Scan# 439

Delta R.T. -0.025 min

Lab File: VY016555.D

Acq: 01 Dec 2023 11:06

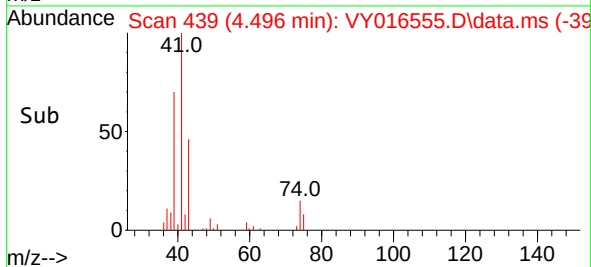
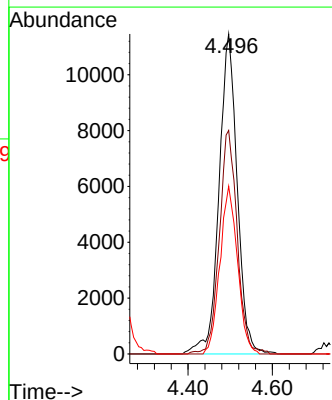
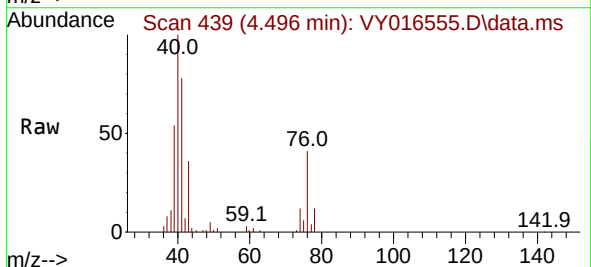
Tgt Ion: 41 Resp: 34239

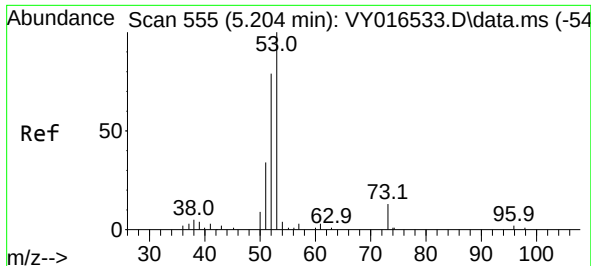
Ion Ratio Lower Upper

41 100

39 68.8 58.0 87.0

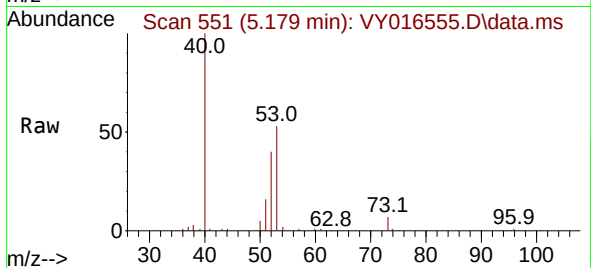
76 50.5 27.4 41.2#





#15
Acrylonitrile
Concen: 99.337 ug/l
RT: 5.179 min Scan# 51
Delta R.T. -0.025 min
Lab File: VY016555.D
Acq: 01 Dec 2023 11:06

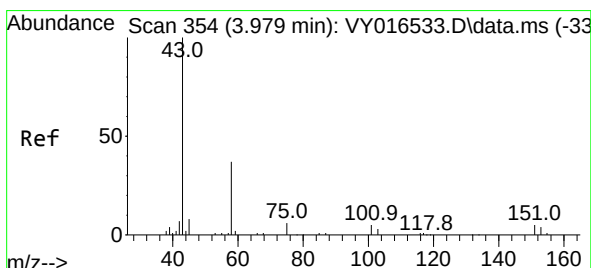
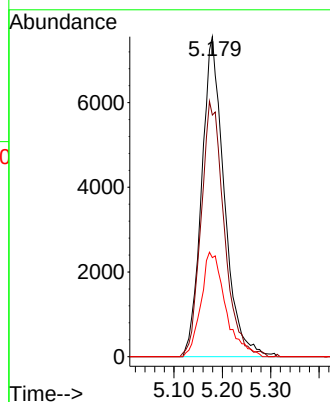
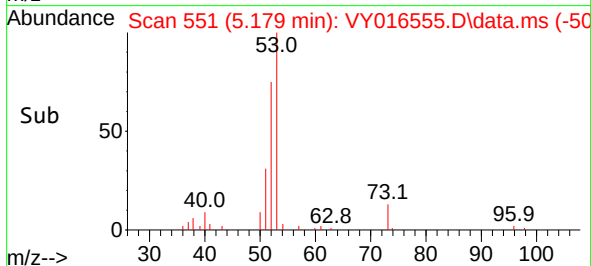
Instrument :
MSVOA_Y
ClientSampleId :
VY1201SBSD01



Tgt Ion: 53 Resp: 2455
Ion Ratio Lower Upper
53 100
52 81.3 66.9 100.3
51 35.4 29.8 44.6

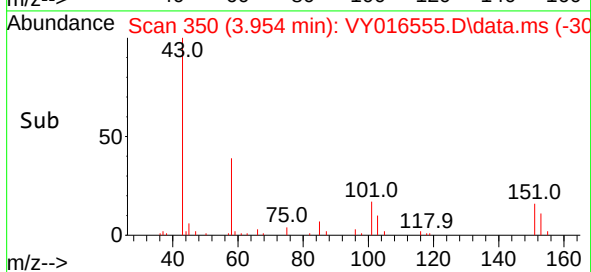
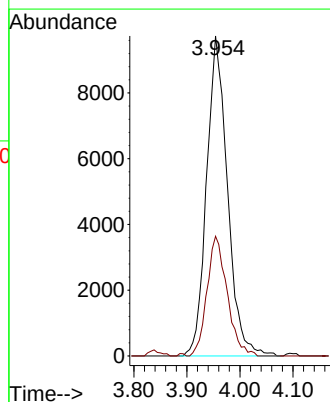
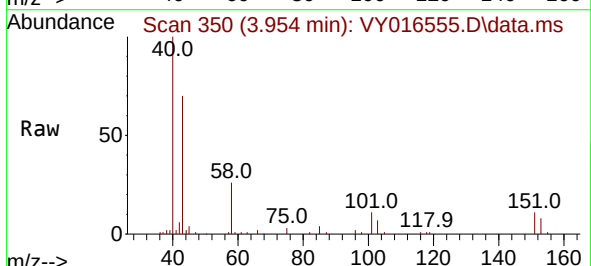
Manual Integrations
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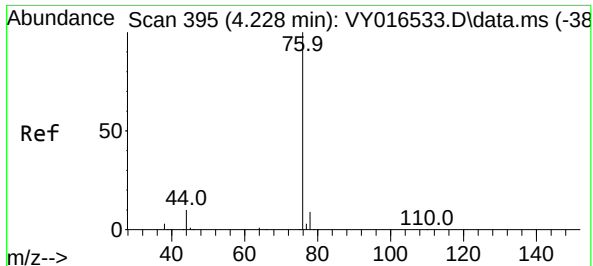
Reviewed By :John Carlone 12/04/2023
Supervised By :Semsettin Yesilyurt 12/04/2023



#16
Acetone
Concen: 110.407 ug/l
RT: 3.954 min Scan# 350
Delta R.T. -0.025 min
Lab File: VY016555.D
Acq: 01 Dec 2023 11:06

Tgt Ion: 43 Resp: 26627
Ion Ratio Lower Upper
43 100
58 37.4 22.7 34.1#





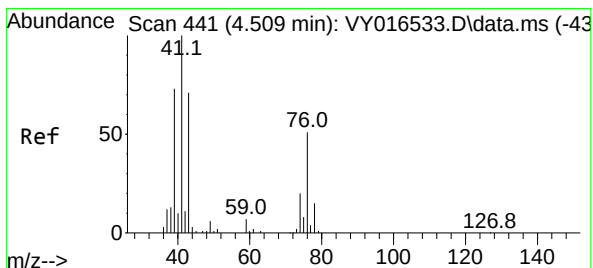
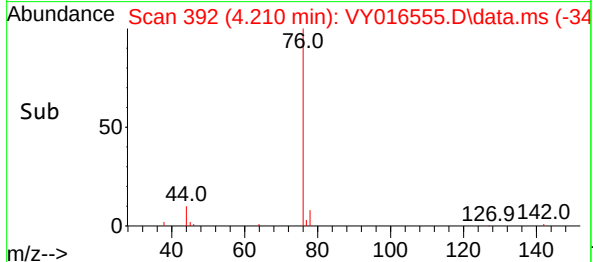
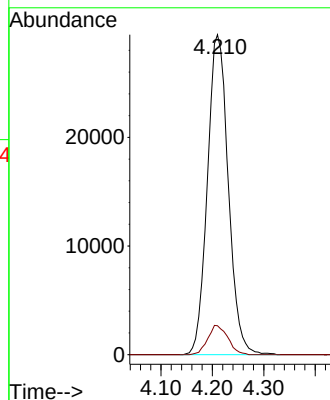
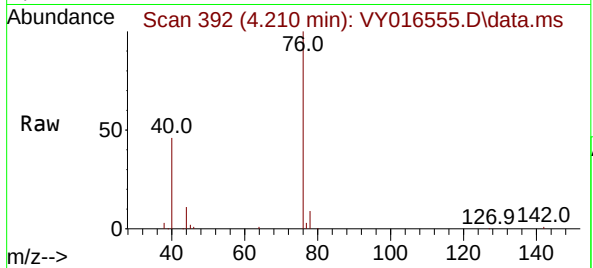
#17
Carbon Disulfide
Concen: 21.112 ug/l
RT: 4.210 min Scan# 391
Delta R.T. -0.019 min
Lab File: VY016555.D
Acq: 01 Dec 2023 11:06

Instrument :
MSVOA_Y
ClientSampleId :
VY1201SBSD01

Tgt Ion: 76 Resp: 8310
Ion Ratio Lower Upper
76 100
78 9.0 7.0 10.4

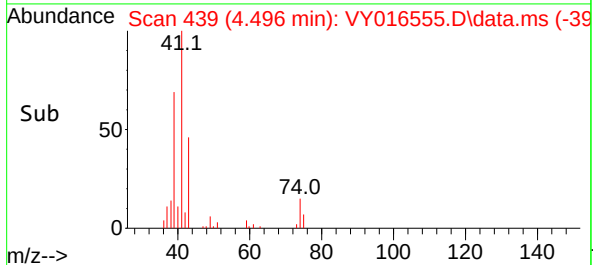
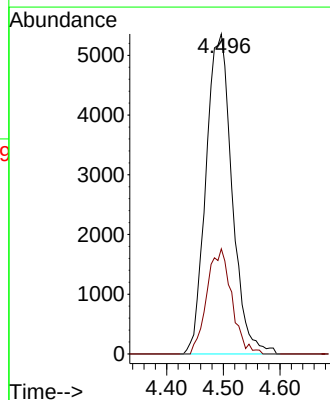
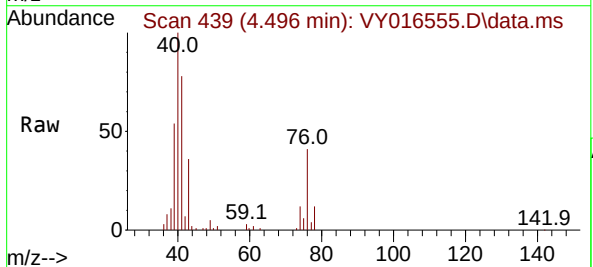
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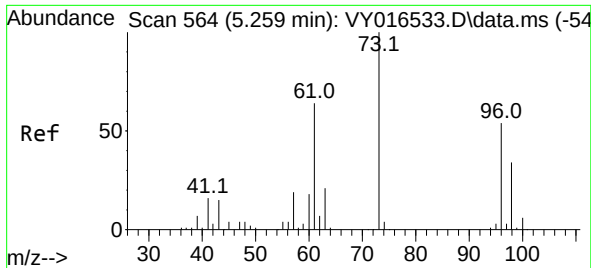
Reviewed By :John Carlone 12/04/2023
Supervised By :Semsettin Yesilyurt 12/04/2023



#18
Methyl Acetate
Concen: 18.872 ug/l
RT: 4.496 min Scan# 439
Delta R.T. -0.012 min
Lab File: VY016555.D
Acq: 01 Dec 2023 11:06

Tgt Ion: 43 Resp: 17094
Ion Ratio Lower Upper
43 100
74 31.1 17.4 26.0#





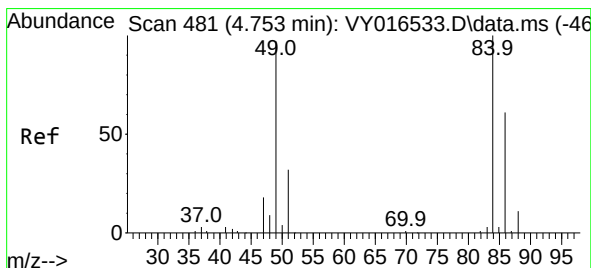
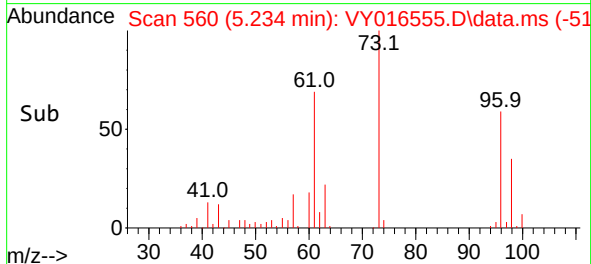
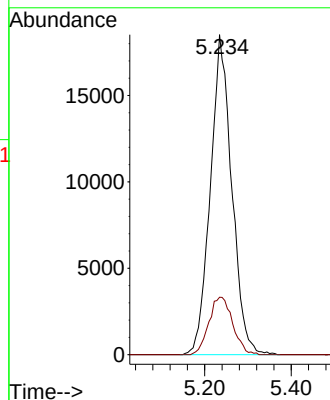
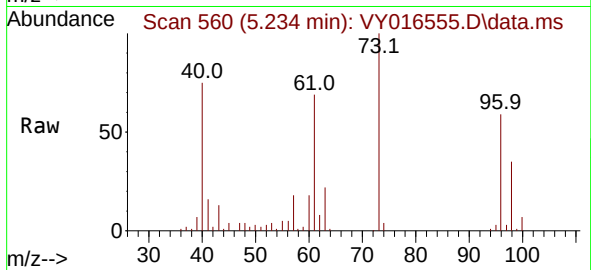
#19
Methyl tert-butyl Ether
Concen: 20.949 ug/l
RT: 5.234 min Scan# 50
Delta R.T. -0.025 min
Lab File: VY016555.D
Acq: 01 Dec 2023 11:06

Instrument :
MSVOA_Y
ClientSampleId :
VY1201SBSD01

Tgt Ion: 73 Resp: 63692
Ion Ratio Lower Upper
73 100
57 18.0 17.3 25.9

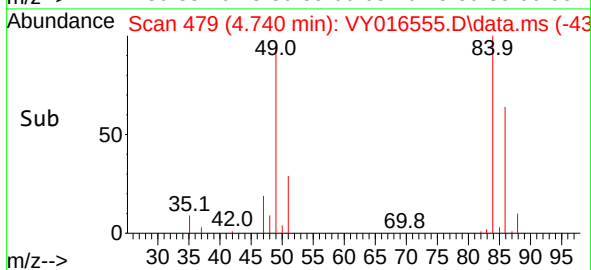
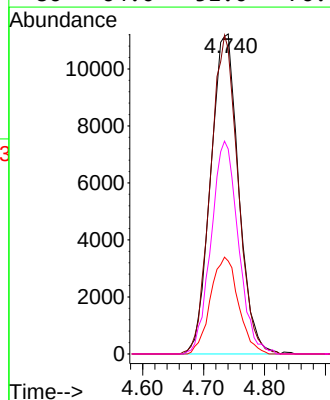
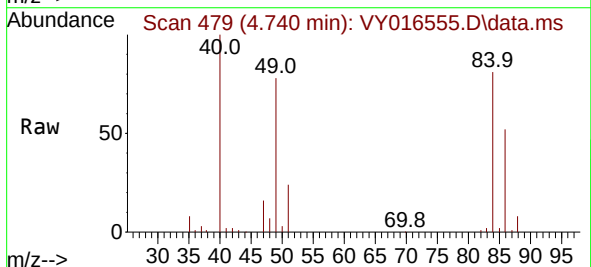
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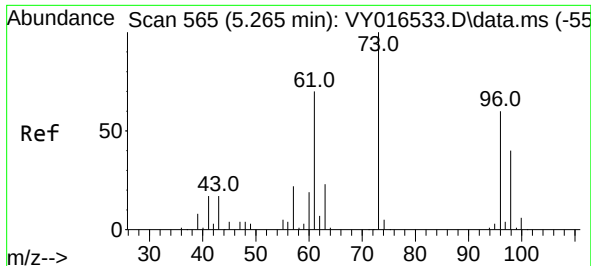
Reviewed By :John Carlone 12/04/2023
Supervised By :Semsettin Yesilyurt 12/04/2023



#20
Methylene Chloride
Concen: 23.589 ug/l
RT: 4.740 min Scan# 479
Delta R.T. -0.013 min
Lab File: VY016555.D
Acq: 01 Dec 2023 11:06

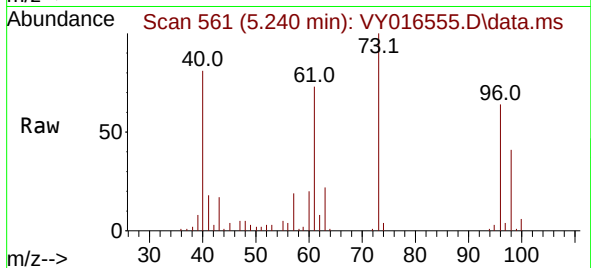
Tgt Ion: 84 Resp: 35786
Ion Ratio Lower Upper
84 100
49 95.3 106.9 160.3#
51 29.1 33.2 49.8#
86 64.0 51.0 76.6





#21
trans-1,2-Dichloroethene
Concen: 22.259 ug/l
RT: 5.240 min Scan# 501
Delta R.T. -0.025 min
Lab File: VY016555.D
Acq: 01 Dec 2023 11:06

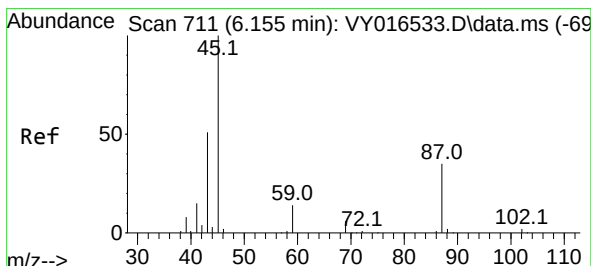
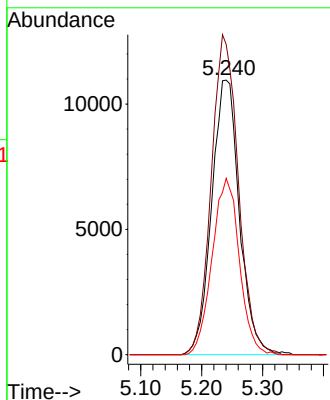
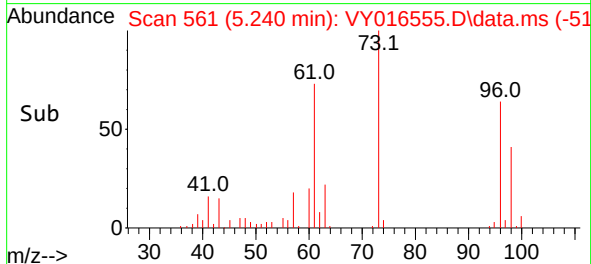
Instrument :
MSVOA_Y
ClientSampleId :
VY1201SBSD01



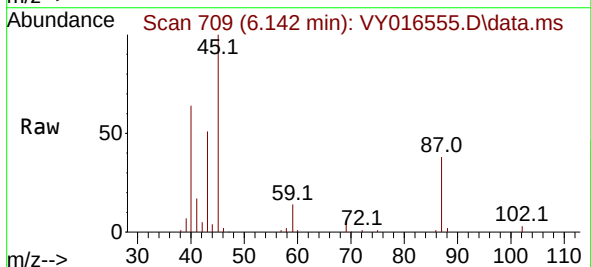
Tgt Ion: 96 Resp: 34588
Ion Ratio Lower Upper
96 100
61 113.0 110.2 165.4
98 64.2 51.8 77.6

Manual Integrations
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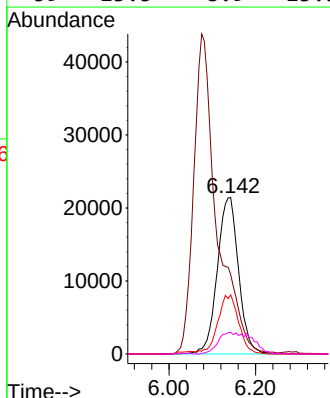
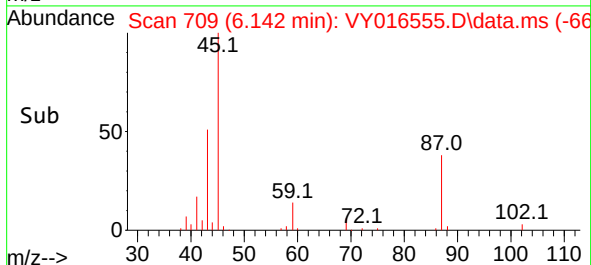
Reviewed By :John Carlone 12/04/2023
Supervised By :Semsettin Yesilyurt 12/04/2023

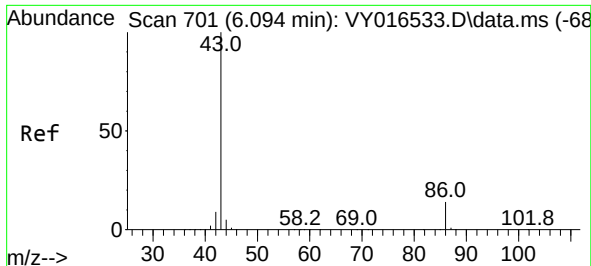


#22
Diisopropyl ether
Concen: 21.750 ug/l
RT: 6.142 min Scan# 709
Delta R.T. -0.012 min
Lab File: VY016555.D
Acq: 01 Dec 2023 11:06



Tgt Ion: 45 Resp: 73147
Ion Ratio Lower Upper
45 100
43 50.1 52.2 78.4#
87 37.8 21.0 31.6#
59 13.5 8.9 13.3#





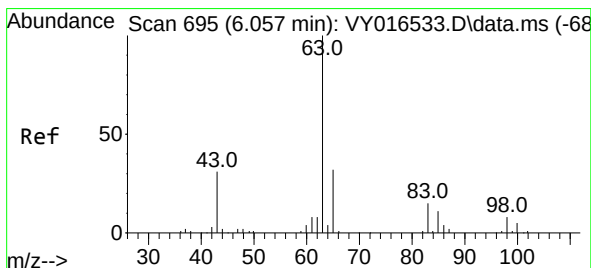
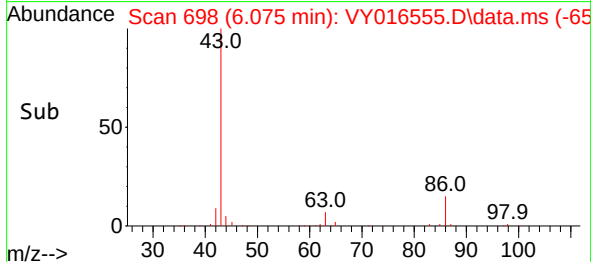
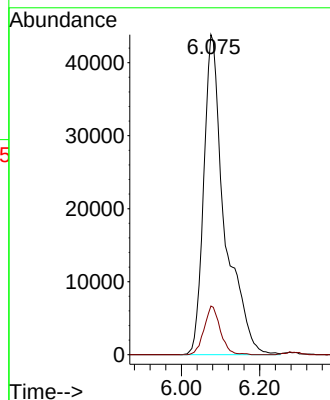
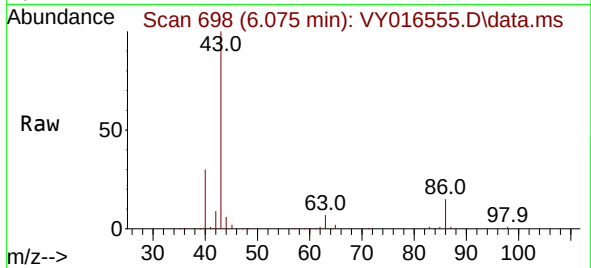
#23
 Vinyl Acetate
 Concen: 104.903 ug/l
 RT: 6.075 min Scan# 698
 Delta R.T. -0.019 min
 Lab File: VY016555.D
 Acq: 01 Dec 2023 11:06

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1201SBSD01

Tgt Ion: 43 Resp: 16269
 Ion Ratio Lower Upper
 43 100
 86 15.2 7.5 11.3

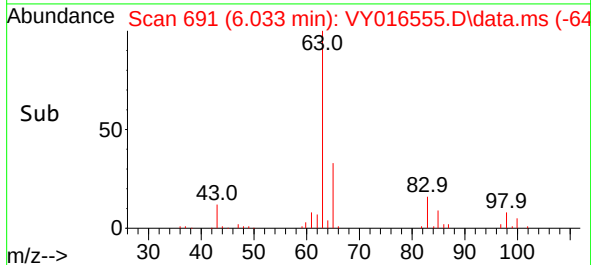
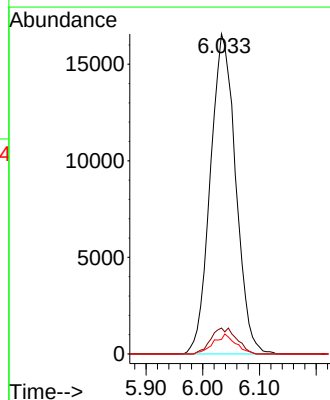
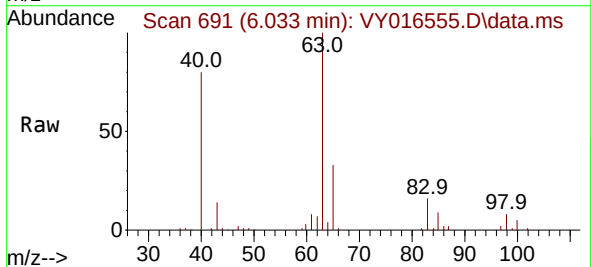
Manual Integrations
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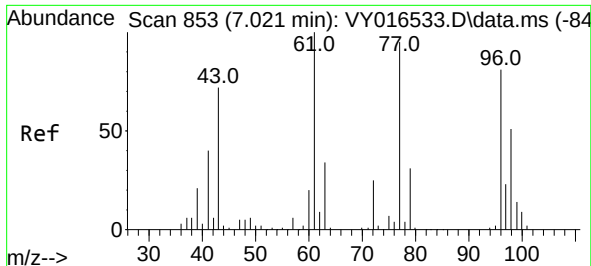
Reviewed By :John Carlone 12/04/2023
 Supervised By :Semsettin Yesilyurt 12/04/2023



#24
 1,1-Dichloroethane
 Concen: 21.699 ug/l
 RT: 6.033 min Scan# 691
 Delta R.T. -0.025 min
 Lab File: VY016555.D
 Acq: 01 Dec 2023 11:06

Tgt Ion: 63 Resp: 51502
 Ion Ratio Lower Upper
 63 100
 98 8.1 3.1 9.4
 100 4.5 1.8 5.5





#25

2-Butanone

Concen: 107.880 ug/l

RT: 7.002 min Scan# 850

Delta R.T. -0.019 min

Lab File: VY016555.D

Acq: 01 Dec 2023 11:06

Instrument :

MSVOA_Y

ClientSampleId :

VY1201SBSD01

Tgt Ion: 43 Resp: 35610

Ion Ratio Lower Upper

43 100

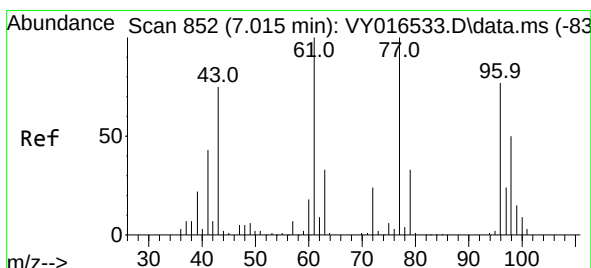
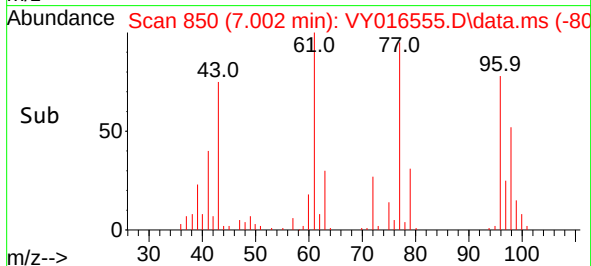
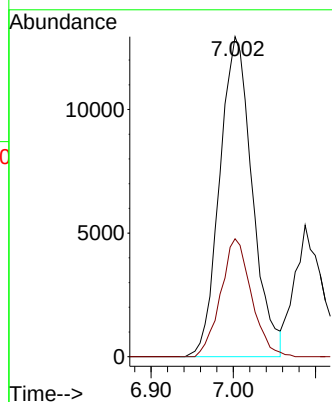
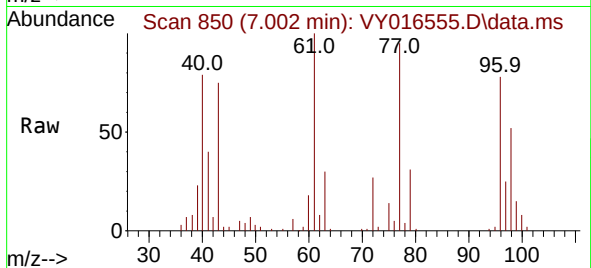
72 36.9 20.5 30.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/04/2023

Supervised By :Semsettin Yesilyurt 12/04/2023



#26

2,2-Dichloropropane

Concen: 22.065 ug/l

RT: 7.002 min Scan# 850

Delta R.T. -0.012 min

Lab File: VY016555.D

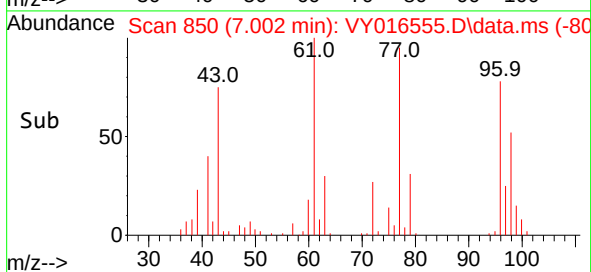
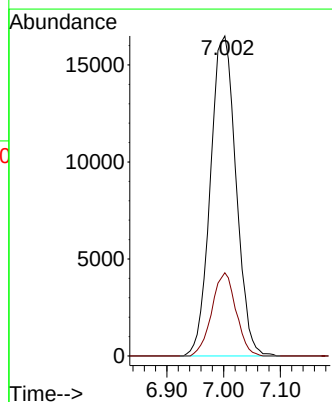
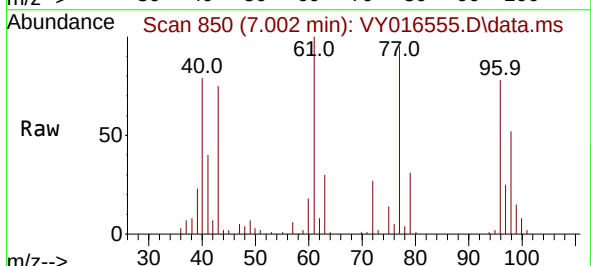
Acq: 01 Dec 2023 11:06

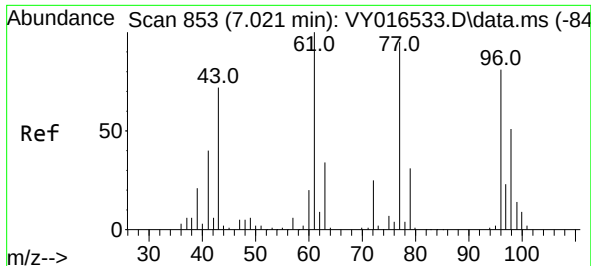
Tgt Ion: 77 Resp: 51761

Ion Ratio Lower Upper

77 100

97 24.5 10.9 32.9





#27

cis-1,2-Dichloroethene

Concen: 22.527 ug/l

RT: 7.002 min Scan# 81

Delta R.T. -0.019 min

Lab File: VY016555.D

Acq: 01 Dec 2023 11:06

Instrument :

MSVOA_Y

ClientSampleId :

VY1201SBSD01

Tgt Ion: 96 Resp: 37608

Ion Ratio Lower Upper

96 100

61 123.0 0.0 301.4

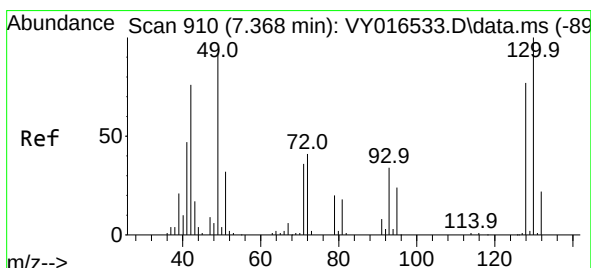
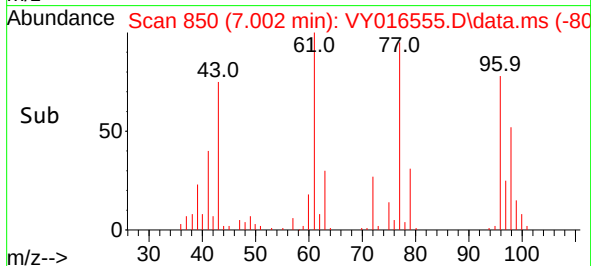
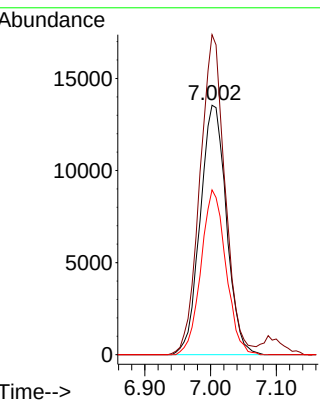
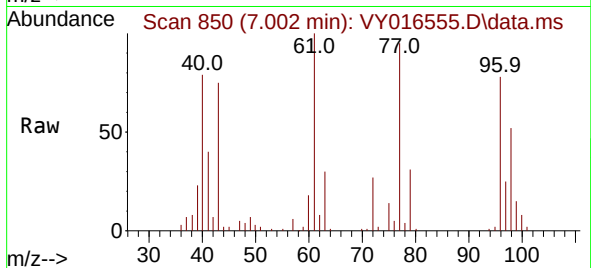
98 62.7 0.0 130.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/04/2023

Supervised By :Semsettin Yesilyurt 12/04/2023



#28

Bromochloromethane

Concen: 19.762 ug/l

RT: 7.356 min Scan# 908

Delta R.T. -0.012 min

Lab File: VY016555.D

Acq: 01 Dec 2023 11:06

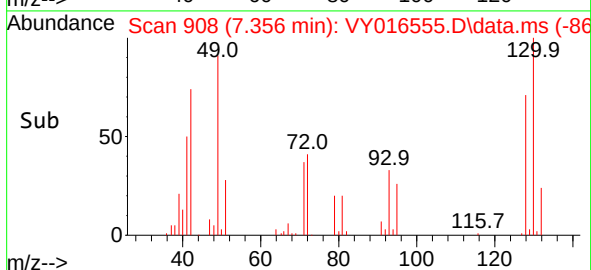
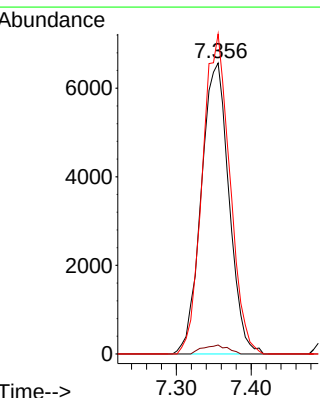
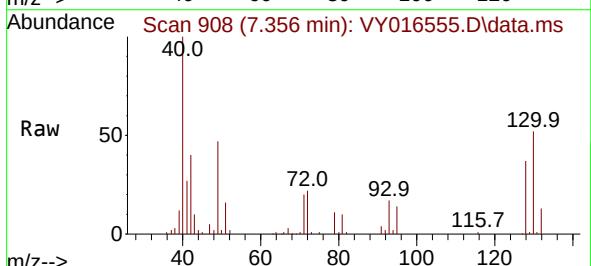
Tgt Ion: 49 Resp: 16952

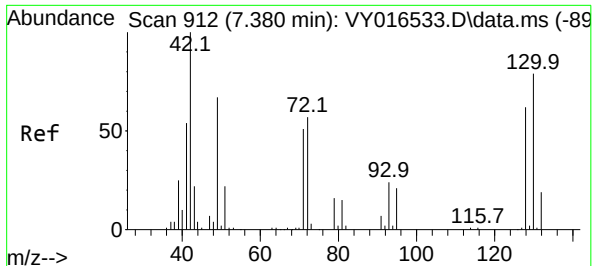
Ion Ratio Lower Upper

49 100

129 2.8 0.0 4.6

130 108.5 60.7 91.1#





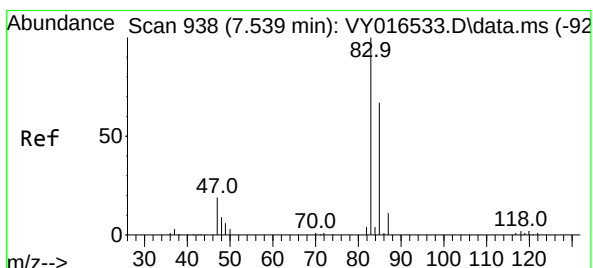
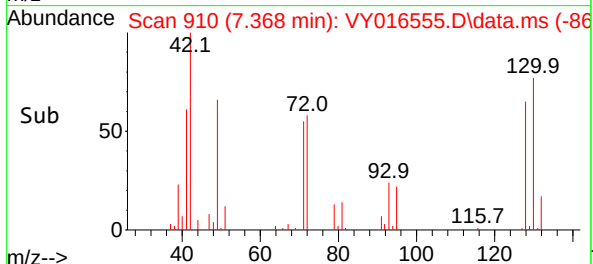
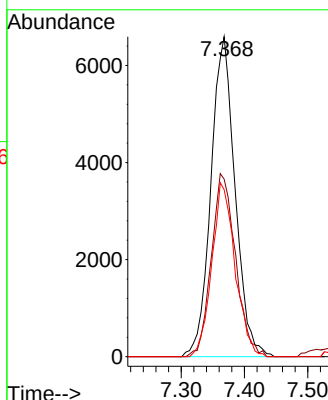
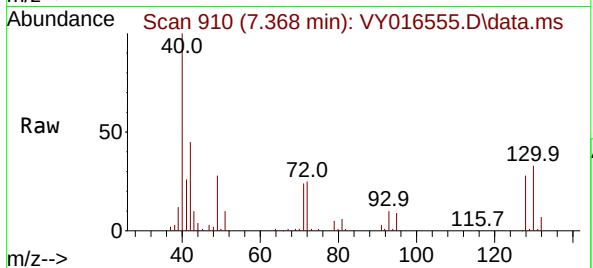
#29
Tetrahydrofuran
Concen: 98.427 ug/l
RT: 7.368 min Scan# 912
Delta R.T. -0.012 min
Lab File: VY016555.D
Acq: 01 Dec 2023 11:06

Instrument :
MSVOA_Y
ClientSampleId :
VY1201SBSD01

Tgt Ion: 42 Resp: 1745
Ion Ratio Lower Upper
42 100
72 57.3 32.8 49.2
71 52.4 31.0 46.4

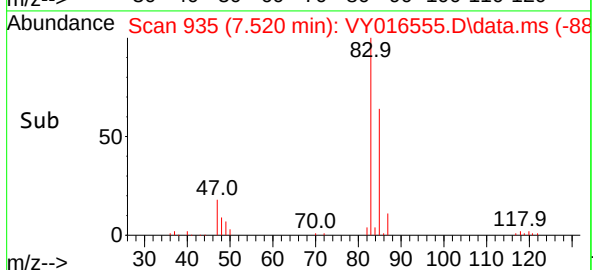
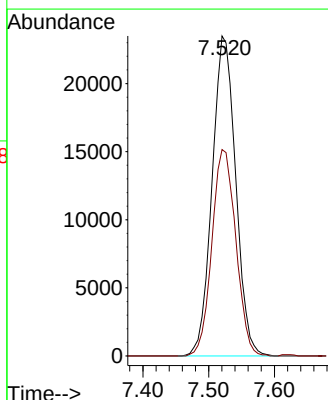
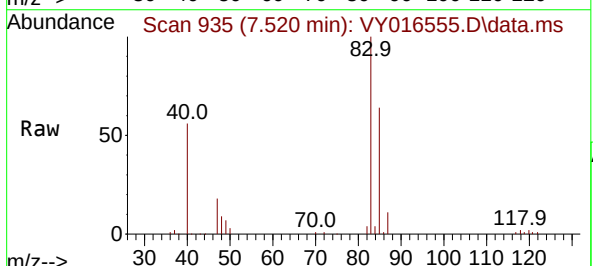
Manual Integrations
APPROVED

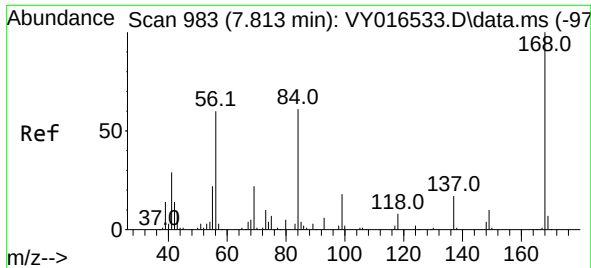
Reviewed By :John Carlone 12/04/2023
Supervised By :Semsettin Yesilyurt 12/04/2023



#30
Chloroform
Concen: 22.150 ug/l
RT: 7.520 min Scan# 935
Delta R.T. -0.019 min
Lab File: VY016555.D
Acq: 01 Dec 2023 11:06

Tgt Ion: 83 Resp: 58596
Ion Ratio Lower Upper
83 100
85 64.5 49.7 74.5





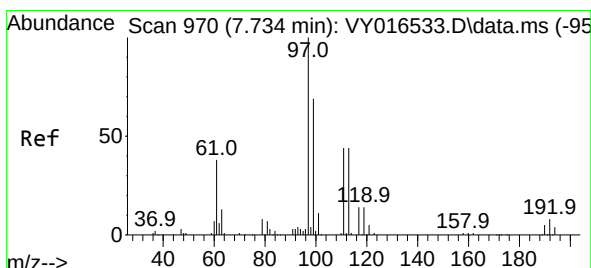
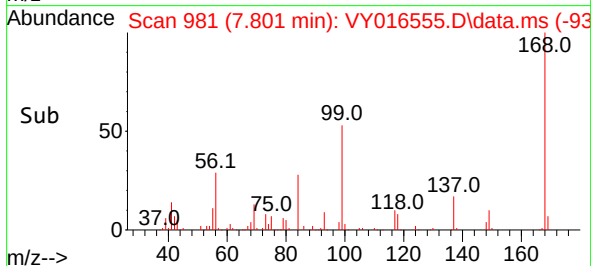
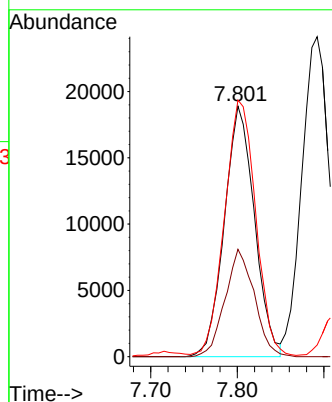
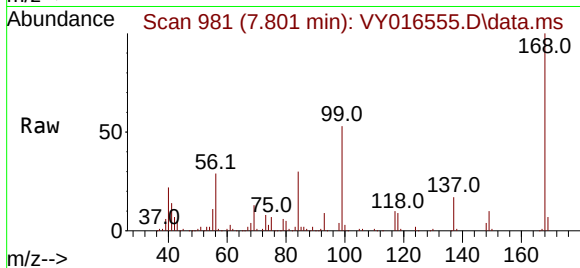
#31
Cyclohexane
Concen: 21.300 ug/l
RT: 7.801 min Scan# 983
Delta R.T. -0.013 min
Lab File: VY016555.D
Acq: 01 Dec 2023 11:06

Instrument :
MSVOA_Y
ClientSampleId :
VY1201SBS01

Tgt Ion: 56 Resp: 45758
Ion Ratio Lower Upper
56 100
69 42.8 27.8 41.6
84 101.0 66.4 99.6

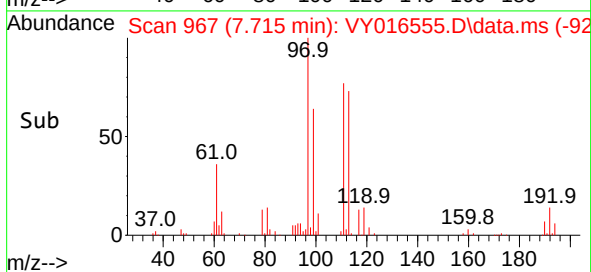
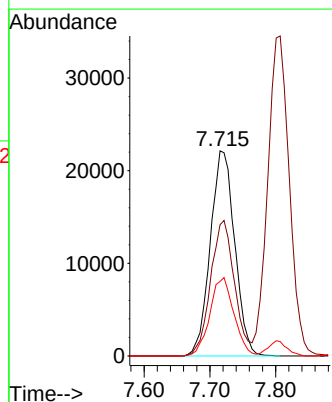
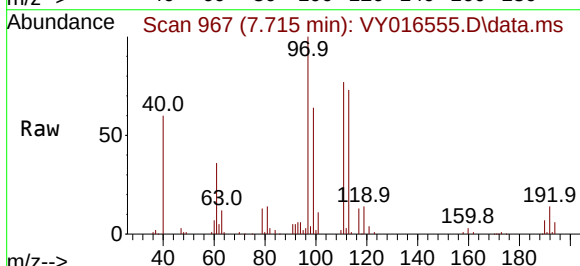
Manual Integrations
APPROVED

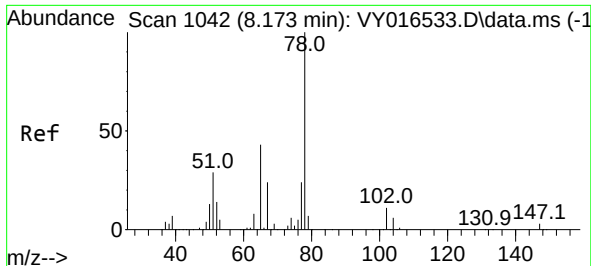
Reviewed By :John Carlone 12/04/2023
Supervised By :Semsettin Yesilyurt 12/04/2023



#32
1,1,1-Trichloroethane
Concen: 22.305 ug/l
RT: 7.715 min Scan# 967
Delta R.T. -0.019 min
Lab File: VY016555.D
Acq: 01 Dec 2023 11:06

Tgt Ion: 97 Resp: 57180
Ion Ratio Lower Upper
97 100
99 65.0 50.8 76.2
61 37.7 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 55.578 ug/l

RT: 8.154 min Scan# 1042

Delta R.T. -0.019 min

Lab File: VY016555.D

Acq: 01 Dec 2023 11:06

Instrument :

MSVOA_Y

ClientSampleId :

VY1201SBSD01

Tgt Ion: 65 Resp: 68000

Ion Ratio Lower Upper

65 100

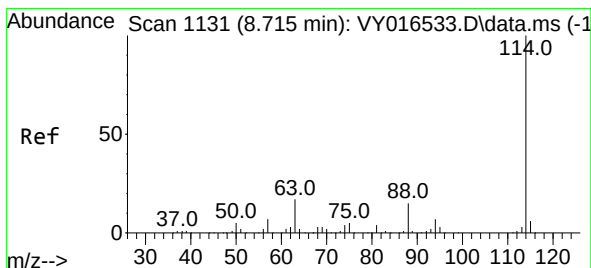
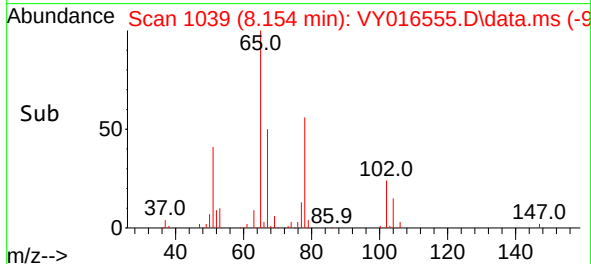
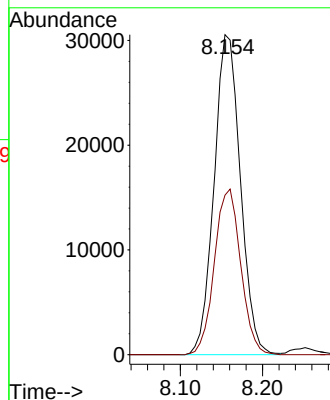
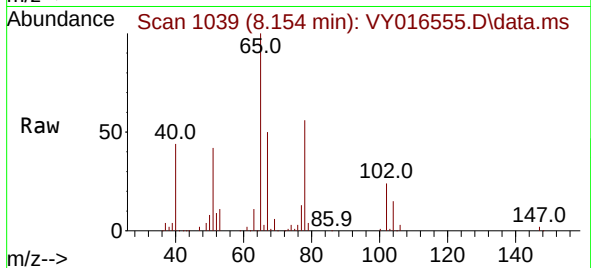
67 51.8 0.0 101.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/04/2023

Supervised By :Semsettin Yesilyurt 12/04/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.703 min Scan# 1129

Delta R.T. -0.012 min

Lab File: VY016555.D

Acq: 01 Dec 2023 11:06

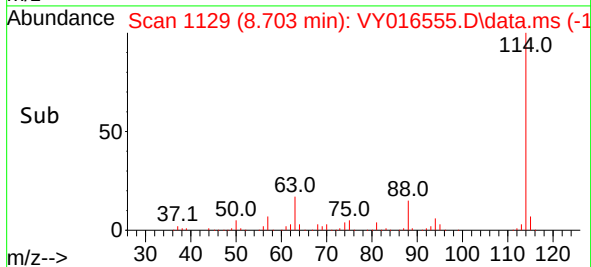
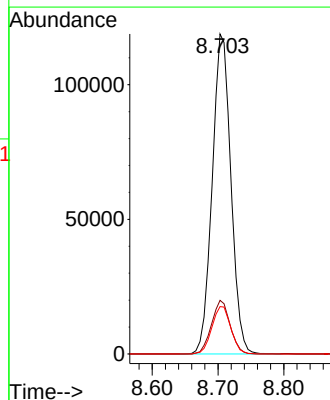
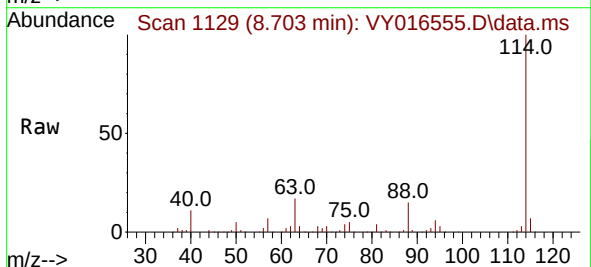
Tgt Ion:114 Resp: 234952

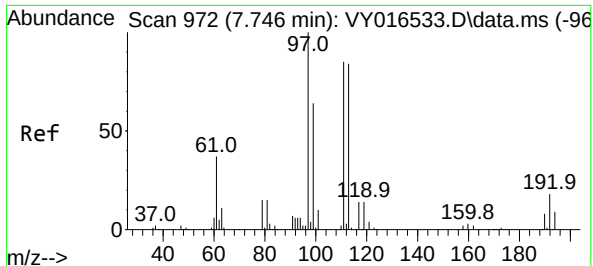
Ion Ratio Lower Upper

114 100

63 16.8 0.0 42.4

88 14.8 0.0 30.6





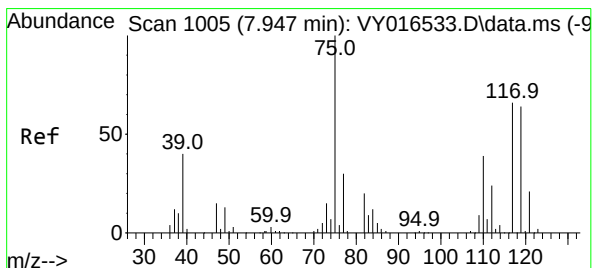
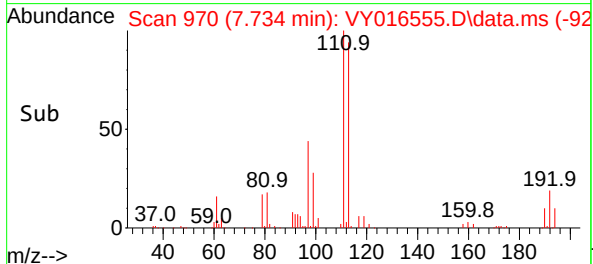
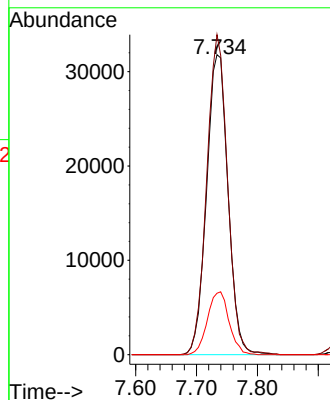
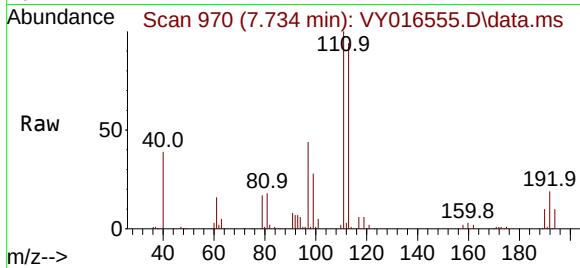
#35
Dibromofluoromethane
Concen: 56.576 ug/l
RT: 7.734 min Scan# 91
Delta R.T. -0.012 min
Lab File: VY016555.D
Acq: 01 Dec 2023 11:06

Instrument :
MSVOA_Y
ClientSampleId :
VY1201SBSD01

Tgt Ion:113 Resp: 78010
Ion Ratio Lower Upper
113 100
111 103.1 81.3 121.9
192 21.1 16.9 25.3

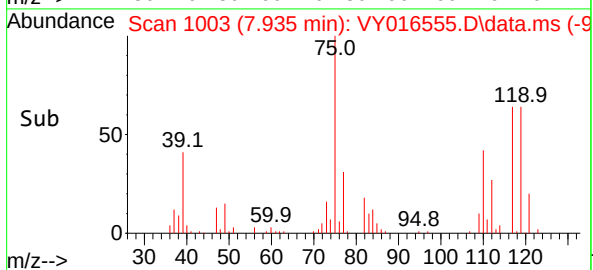
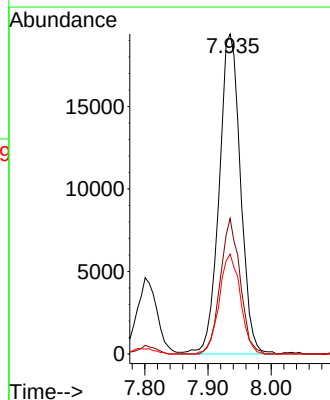
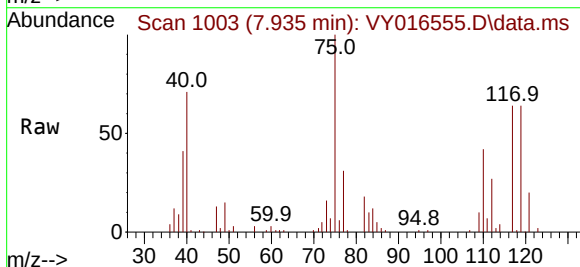
Manual Integrations
APPROVED

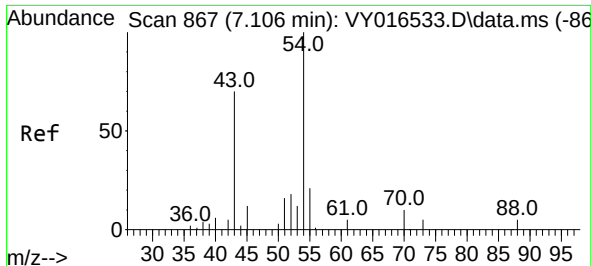
Reviewed By :John Carlone 12/04/2023
Supervised By :Semsettin Yesilyurt 12/04/2023



#36
1,1-Dichloropropene
Concen: 22.257 ug/l
RT: 7.935 min Scan# 1003
Delta R.T. -0.012 min
Lab File: VY016555.D
Acq: 01 Dec 2023 11:06

Tgt Ion: 75 Resp: 45323
Ion Ratio Lower Upper
75 100
110 39.3 17.8 53.5
77 31.0 24.4 36.6





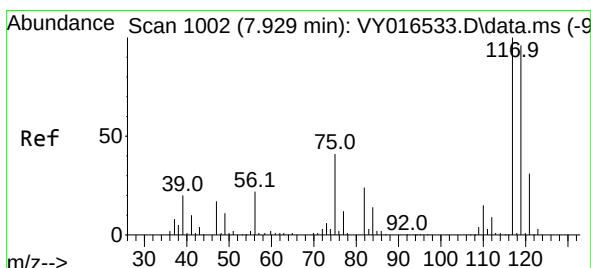
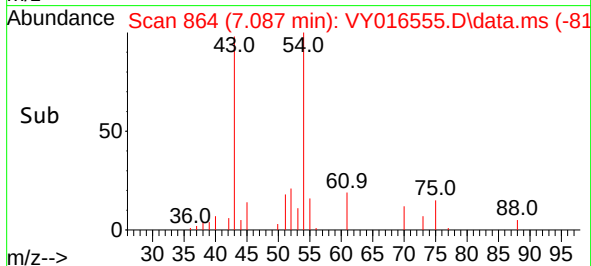
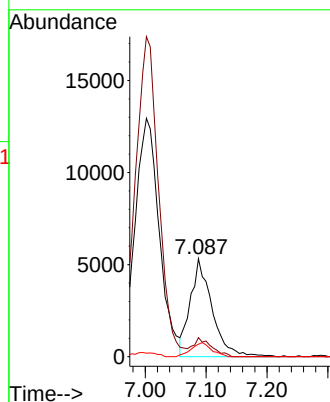
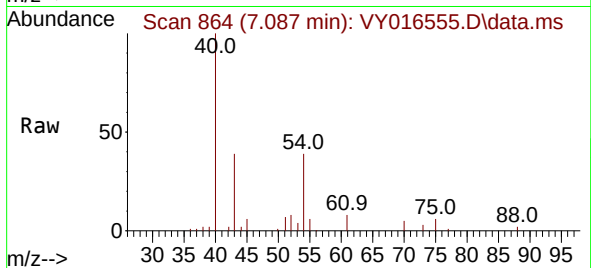
#37
Ethyl Acetate
Concen: 20.701 ug/l
RT: 7.087 min Scan# 80
Delta R.T. -0.019 min
Lab File: VY016555.D
Acq: 01 Dec 2023 11:06

Instrument :
MSVOA_Y
ClientSampleId :
VY1201SBSD01

Tgt Ion: 43 Resp: 1321
Ion Ratio Lower Upper
43 100
61 16.2 10.1 15.1
70 13.2 7.1 10.7

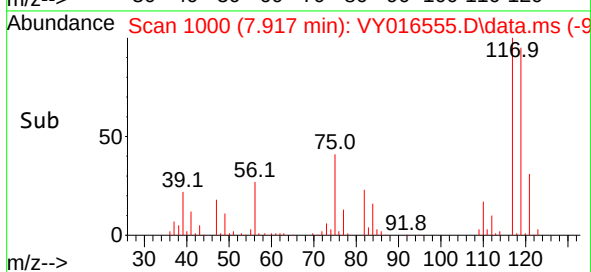
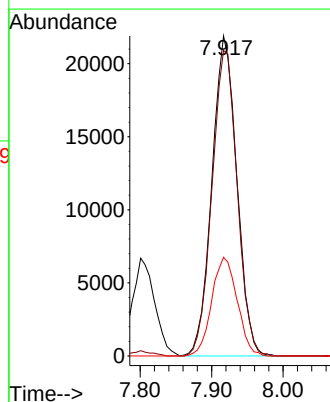
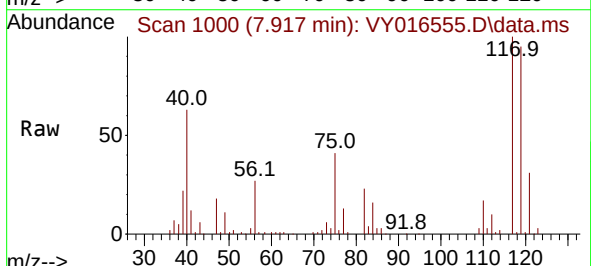
Manual Integrations
APPROVED

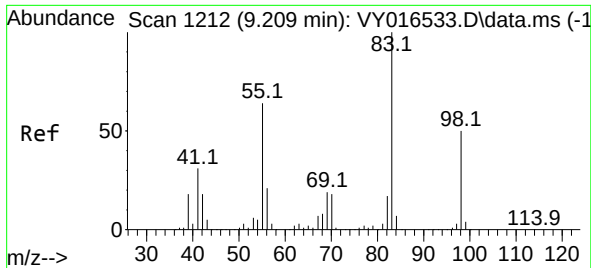
Reviewed By :John Carlone 12/04/2023
Supervised By :Semsettin Yesilyurt 12/04/2023



#38
Carbon Tetrachloride
Concen: 22.171 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. -0.013 min
Lab File: VY016555.D
Acq: 01 Dec 2023 11:06

Tgt Ion:117 Resp: 52989
Ion Ratio Lower Upper
117 100
119 95.4 76.4 114.6
121 30.9 25.8 38.6





#39

Methylcyclohexane

Concen: 21.956 ug/l

RT: 9.197 min Scan# 11

Delta R.T. -0.012 min

Lab File: VY016555.D

Acq: 01 Dec 2023 11:06

Instrument :

MSVOA_Y

ClientSampleId :

VY1201SBSD01

Tgt Ion: 83 Resp: 5576

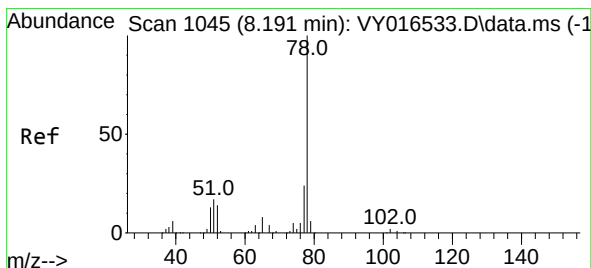
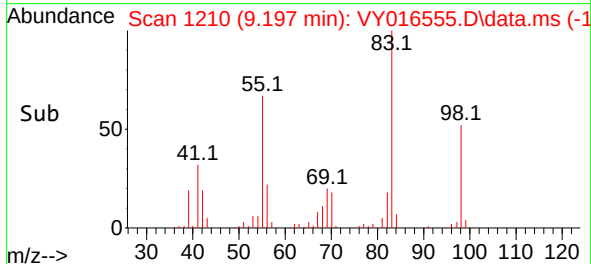
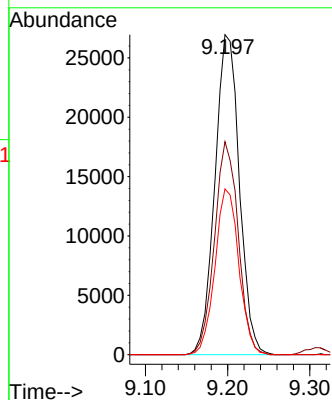
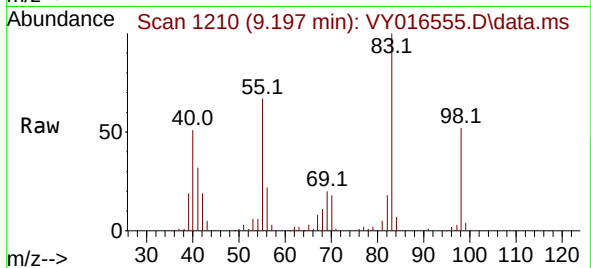
Ion	Ratio	Lower	Upper
83	100		
55	66.5	63.0	94.4
98	51.8	37.4	56.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/04/2023

Supervised By :Semsettin Yesilyurt 12/04/2023



#40

Benzene

Concen: 22.289 ug/l

RT: 8.179 min Scan# 1043

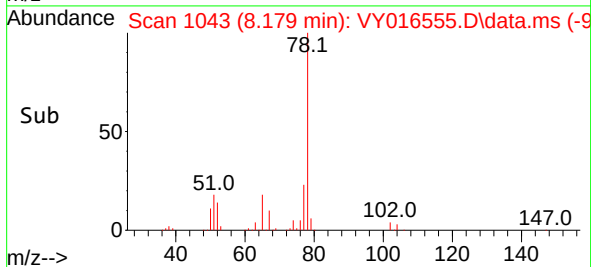
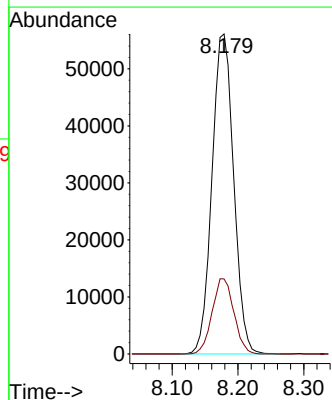
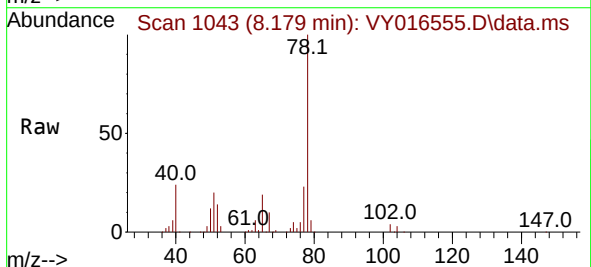
Delta R.T. -0.012 min

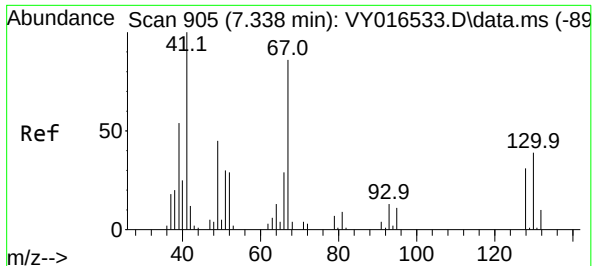
Lab File: VY016555.D

Acq: 01 Dec 2023 11:06

Tgt Ion: 78 Resp: 128687

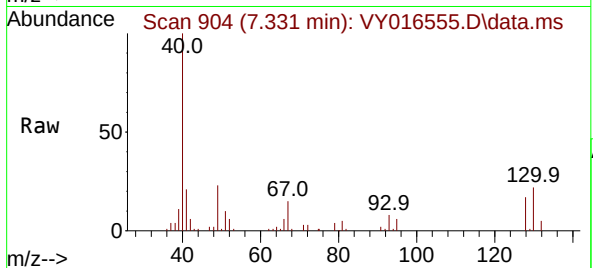
Ion	Ratio	Lower	Upper
78	100		
77	23.5	19.0	28.6





#41
Methacrylonitrile
Concen: 19.608 ug/l m
RT: 7.331 min Scan# 904
Delta R.T. -0.006 min
Lab File: VY016555.D
Acq: 01 Dec 2023 11:06

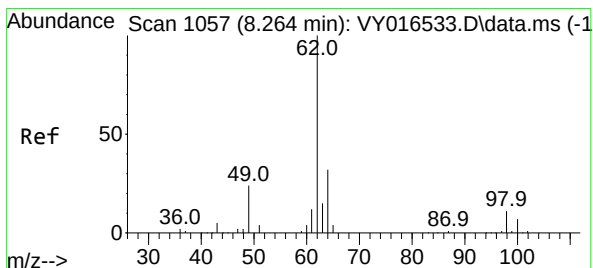
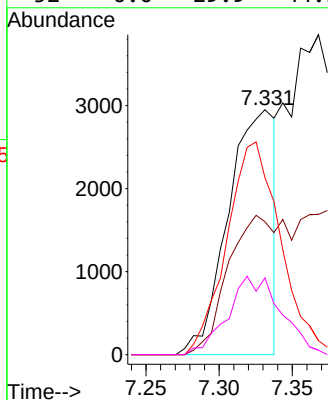
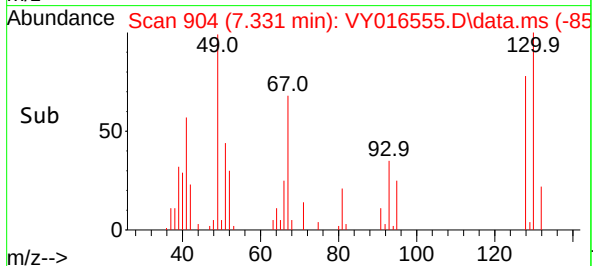
Instrument :
MSVOA_Y
ClientSampleId :
VY1201SBSD01



Tgt Ion: 41 Resp: 6592
Ion Ratio Lower Upper
41 100
39 0.0 52.1 78.1
67 0.0 66.2 99.2
52 0.0 29.9 44.9

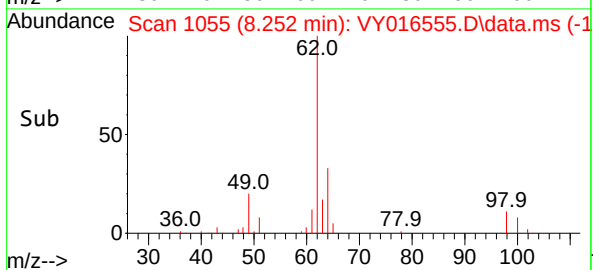
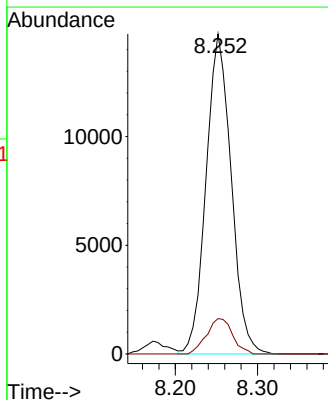
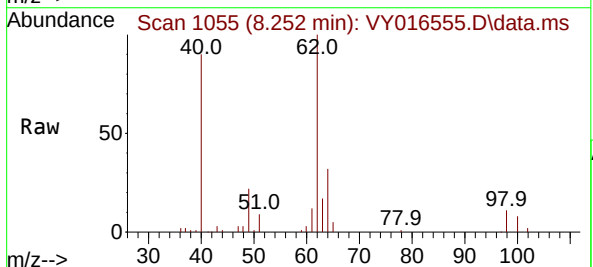
Manual Integrations
APPROVED

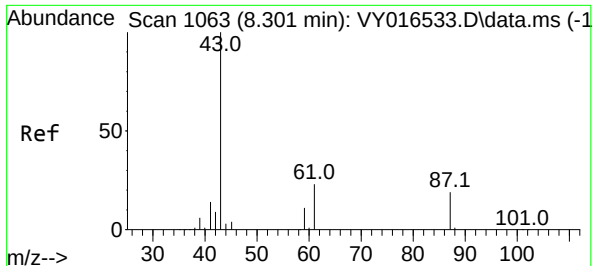
Reviewed By :John Carlone 12/04/2023
Supervised By :Semsettin Yesilyurt 12/04/2023



#42
1,2-Dichloroethane
Concen: 21.797 ug/l
RT: 8.252 min Scan# 1055
Delta R.T. -0.012 min
Lab File: VY016555.D
Acq: 01 Dec 2023 11:06

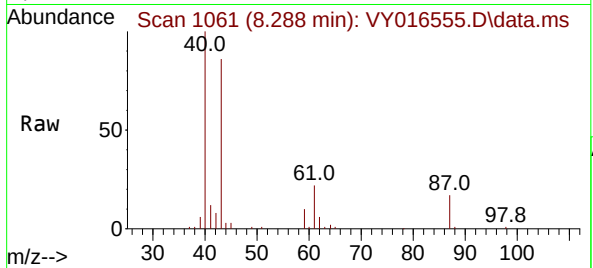
Tgt Ion: 62 Resp: 31186
Ion Ratio Lower Upper
62 100
98 11.4 0.0 15.8





#43
Isopropyl Acetate
Concen: 19.989 ug/l
RT: 8.288 min Scan# 1061
Delta R.T. -0.012 min
Lab File: VY016555.D
Acq: 01 Dec 2023 11:06

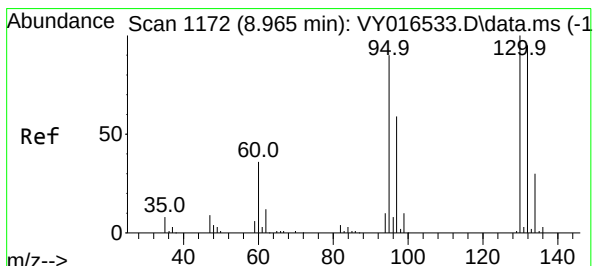
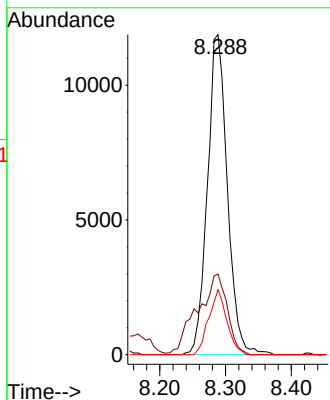
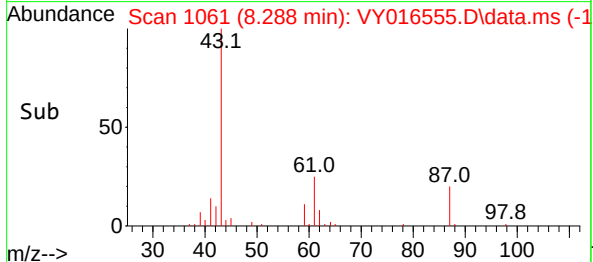
Instrument :
MSVOA_Y
ClientSampleId :
VY1201SBSD01



Tgt Ion: 43 Resp: 2508
Ion Ratio Lower Upper
43 100
61 37.6 21.1 31.7
87 18.4 9.8 14.8

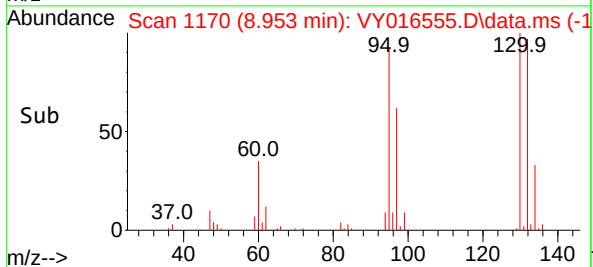
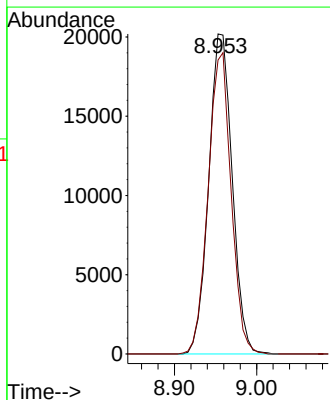
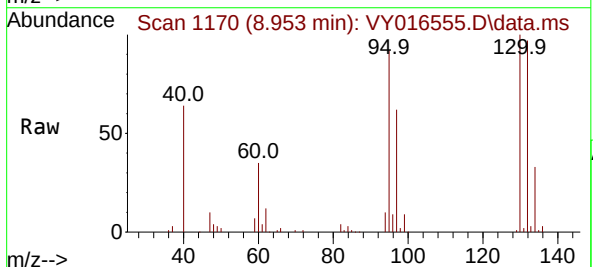
Manual Integrations
APPROVED

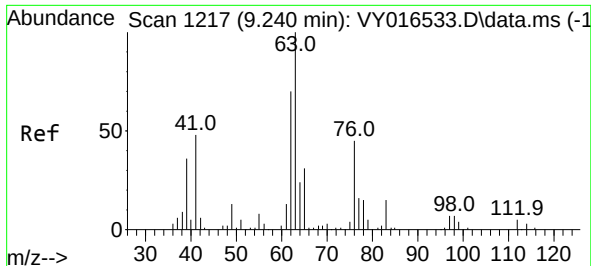
Reviewed By :John Carlone 12/04/2023
Supervised By :Semsettin Yesilyurt 12/04/2023



#44
Trichloroethene
Concen: 22.581 ug/l
RT: 8.953 min Scan# 1170
Delta R.T. -0.012 min
Lab File: VY016555.D
Acq: 01 Dec 2023 11:06

Tgt Ion:130 Resp: 40157
Ion Ratio Lower Upper
130 100
95 91.8 0.0 196.0





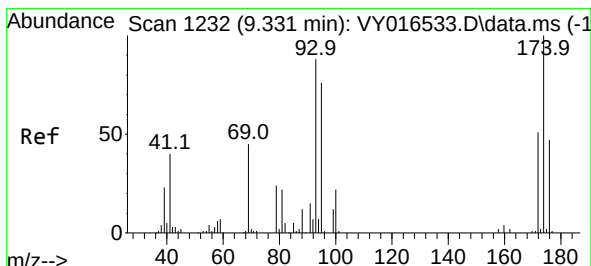
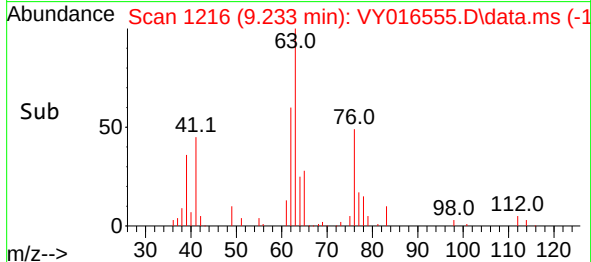
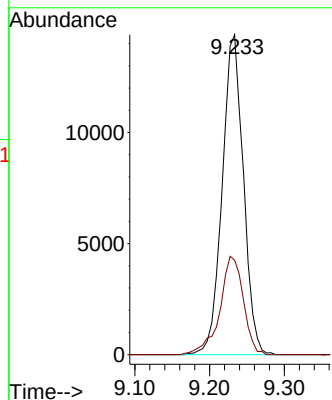
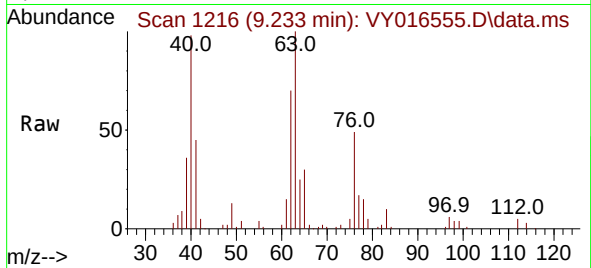
#45
1,2-Dichloropropane
Concen: 21.808 ug/l
RT: 9.233 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY016555.D
Acq: 01 Dec 2023 11:06

Instrument :
MSVOA_Y
ClientSampleId :
VY1201SBSD01

Tgt Ion: 63 Resp: 2841
Ion Ratio Lower Upper
63 100
65 29.6 23.8 35.6

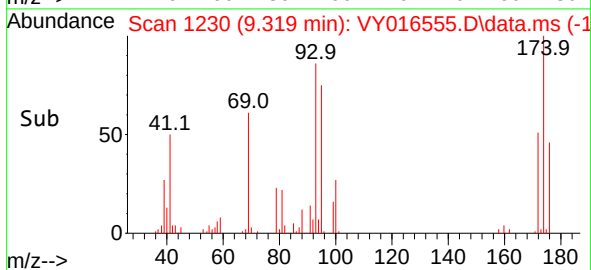
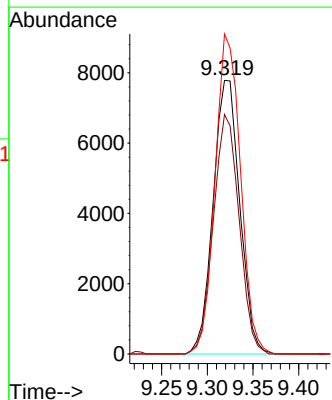
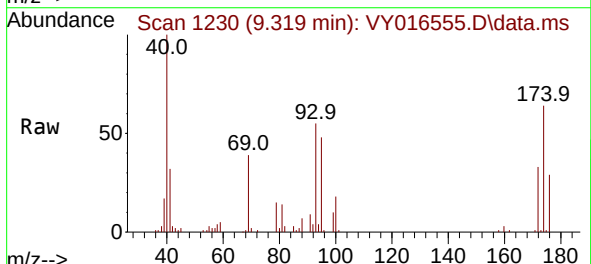
Manual Integrations
APPROVED

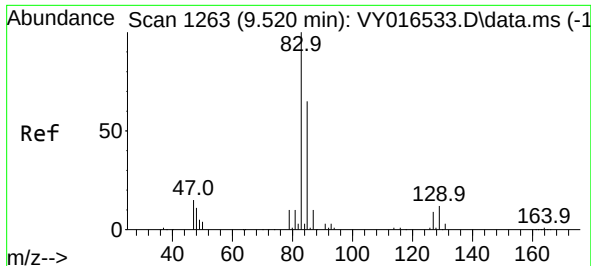
Reviewed By :John Carlone 12/04/2023
Supervised By :Semsettin Yesilyurt 12/04/2023



#46
Dibromomethane
Concen: 21.526 ug/l
RT: 9.319 min Scan# 1230
Delta R.T. -0.012 min
Lab File: VY016555.D
Acq: 01 Dec 2023 11:06

Tgt Ion: 93 Resp: 15769
Ion Ratio Lower Upper
93 100
95 84.8 66.6 100.0
174 111.7 84.8 127.2





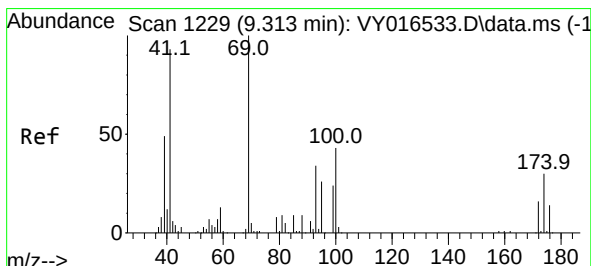
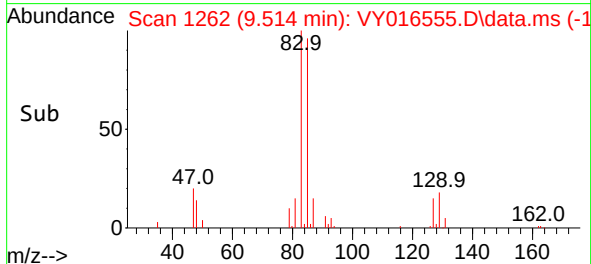
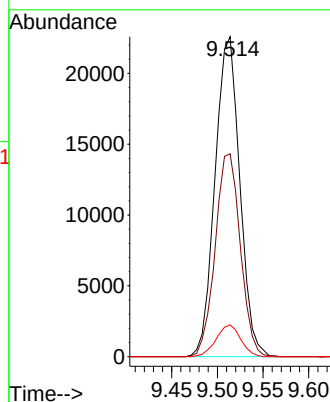
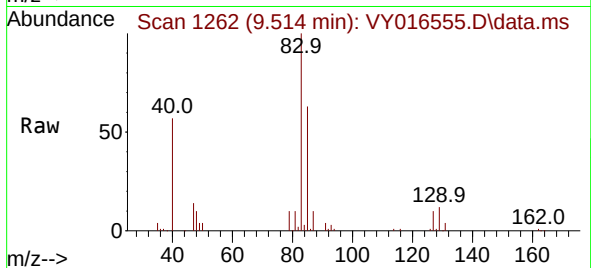
#47
Bromodichloromethane
Concen: 22.000 ug/l
RT: 9.514 min Scan# 1262
Delta R.T. -0.006 min
Lab File: VY016555.D
Acq: 01 Dec 2023 11:06

Instrument :
MSVOA_Y
ClientSampleId :
VY1201SBSD01

Tgt Ion: 83 Resp: 4255
Ion Ratio Lower Upper
83 100
85 63.4 50.1 75.1
127 10.0 7.1 10.7

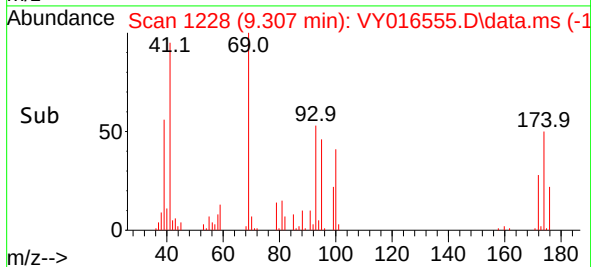
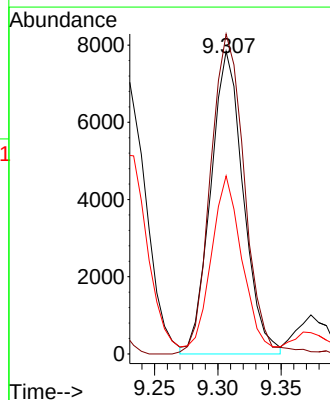
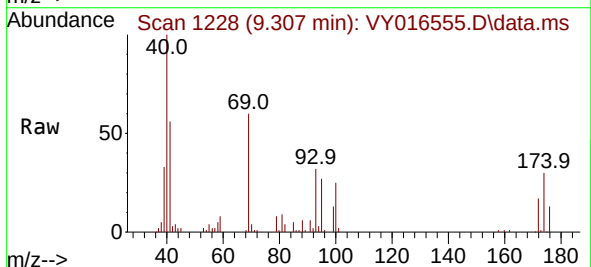
Manual Integrations
APPROVED

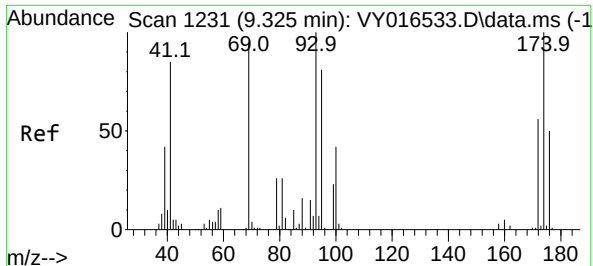
Reviewed By :John Carlone 12/04/2023
Supervised By :Semsettin Yesilyurt 12/04/2023



#48
Methyl methacrylate
Concen: 20.005 ug/l
RT: 9.307 min Scan# 1228
Delta R.T. -0.006 min
Lab File: VY016555.D
Acq: 01 Dec 2023 11:06

Tgt Ion: 41 Resp: 14095
Ion Ratio Lower Upper
41 100
69 110.0 64.5 96.7#
39 52.2 50.8 76.2





#49

1,4-Dioxane

Concen: 406.326 ug/l

RT: 9.313 min Scan# 1229

Delta R.T. -0.012 min

Lab File: VY016555.D

Acq: 01 Dec 2023 11:06

Instrument :

MSVOA_Y

ClientSampleId :

VY1201SBSD01

Tgt Ion: 88 Resp: 275

Ion Ratio Lower Upper

88 100

43 38.3 0.0 0.0

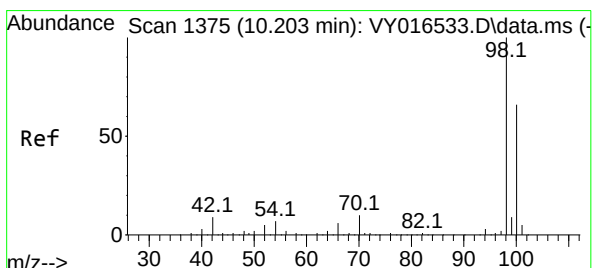
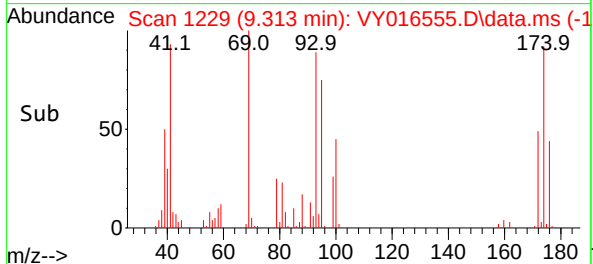
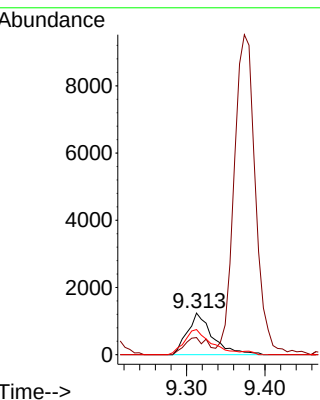
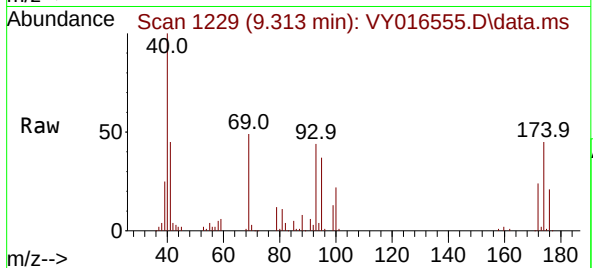
58 64.1 30.9 46.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/04/2023

Supervised By :Semsettin Yesilyurt 12/04/2023



#50

Toluene-d8

Concen: 57.685 ug/l

RT: 10.197 min Scan# 1374

Delta R.T. -0.006 min

Lab File: VY016555.D

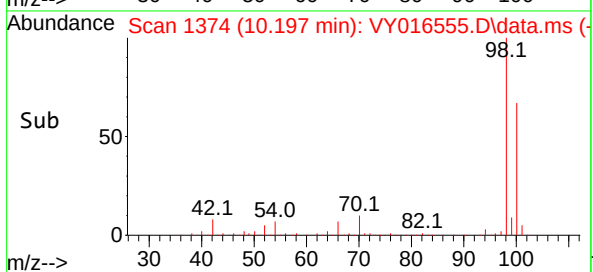
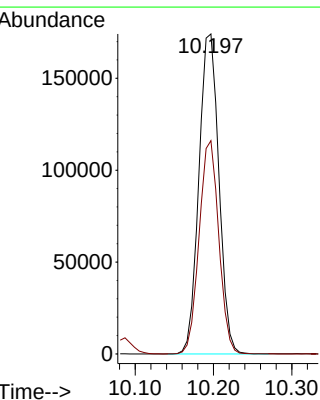
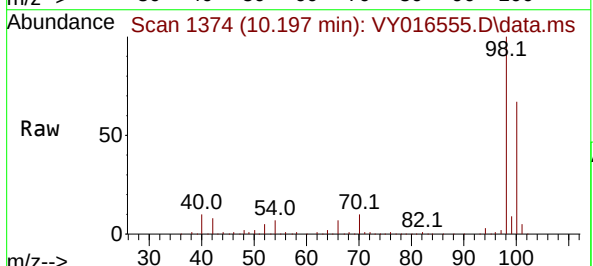
Acq: 01 Dec 2023 11:06

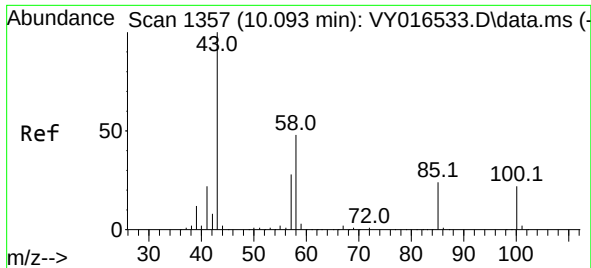
Tgt Ion: 98 Resp: 308520

Ion Ratio Lower Upper

98 100

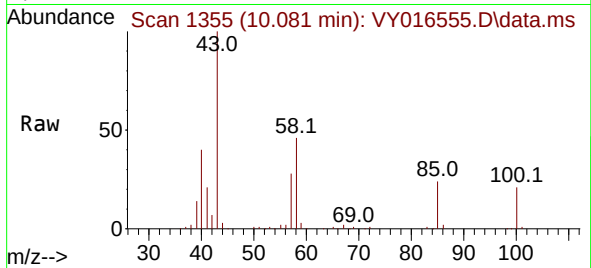
100 65.5 50.1 75.1





#51
4-Methyl-2-Pentanone
Concen: 97.594 ug/l
RT: 10.081 min Scan# 1355
Delta R.T. -0.012 min
Lab File: VY016555.D
Acq: 01 Dec 2023 11:06

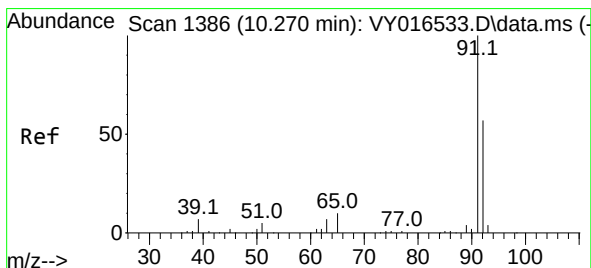
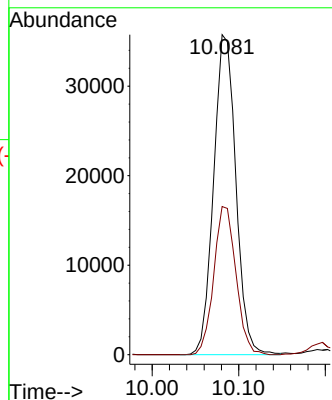
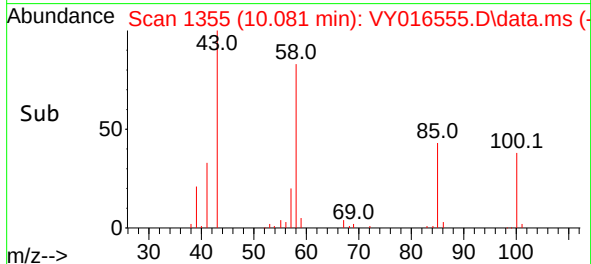
Instrument :
MSVOA_Y
ClientSampleId :
VY1201SBS01



Tgt Ion: 43 Resp: 63890
Ion Ratio Lower Upper
43 100
58 46.1 29.0 43.6

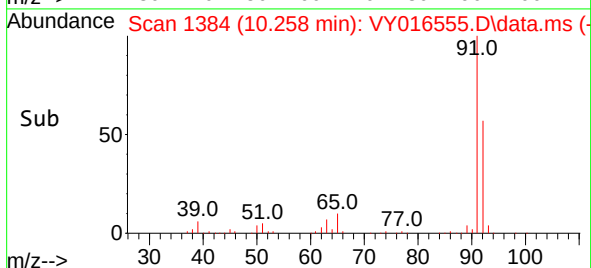
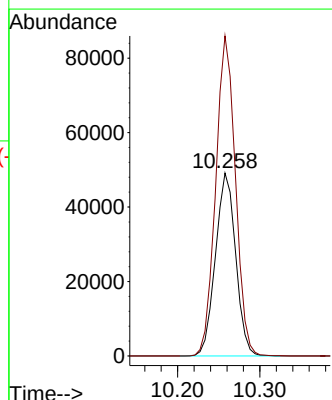
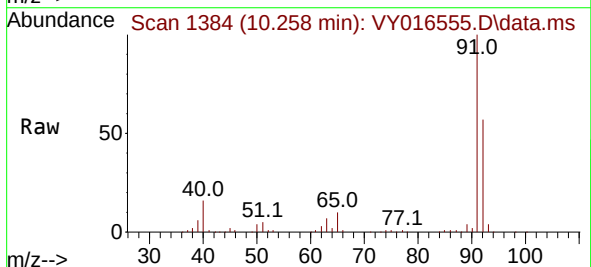
Manual Integrations
APPROVED

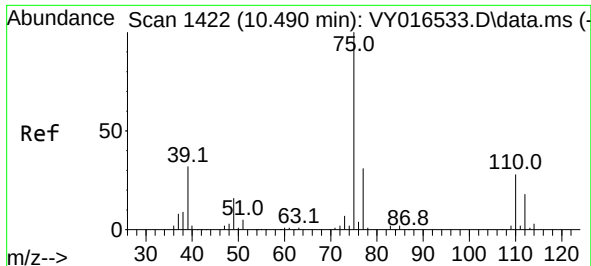
Reviewed By :John Carlone 12/04/2023
Supervised By :Semsettin Yesilyurt 12/04/2023



#52
Toluene
Concen: 22.633 ug/l
RT: 10.258 min Scan# 1384
Delta R.T. -0.012 min
Lab File: VY016555.D
Acq: 01 Dec 2023 11:06

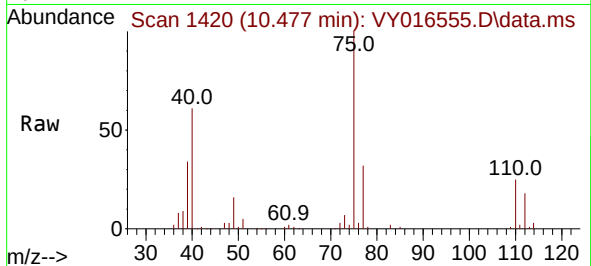
Tgt Ion: 92 Resp: 83943
Ion Ratio Lower Upper
92 100
91 171.1 143.8 215.6





#53
 t-1,3-Dichloropropene
 Concen: 21.721 ug/l
 RT: 10.477 min Scan# 1422
 Delta R.T. -0.012 min
 Lab File: VY016555.D
 Acq: 01 Dec 2023 11:06

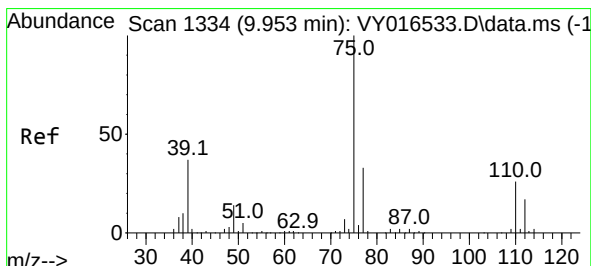
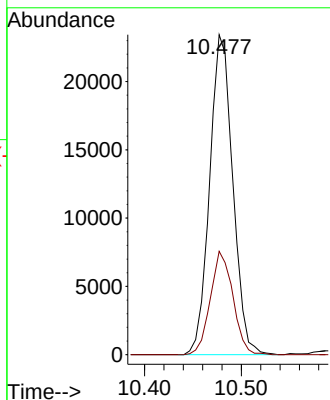
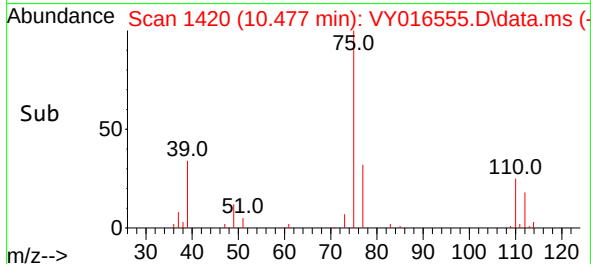
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1201SBSD01



Tgt Ion: 75 Resp: 38929
 Ion Ratio Lower Upper
 75 100
 77 32.3 25.0 37.4

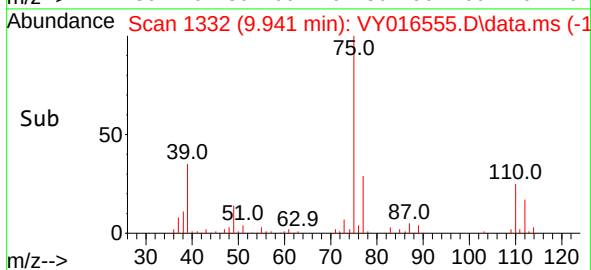
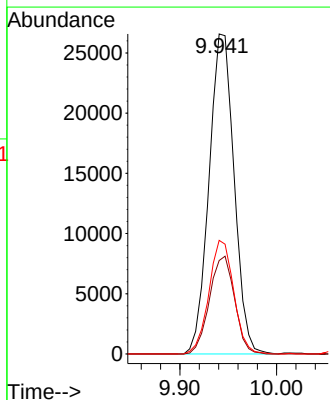
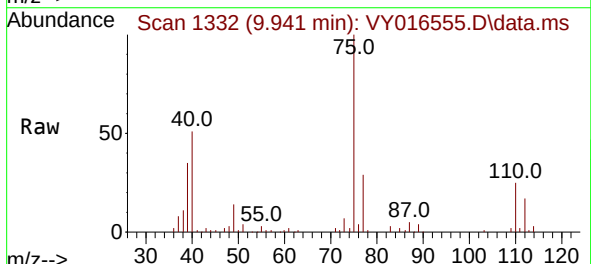
Manual Integrations
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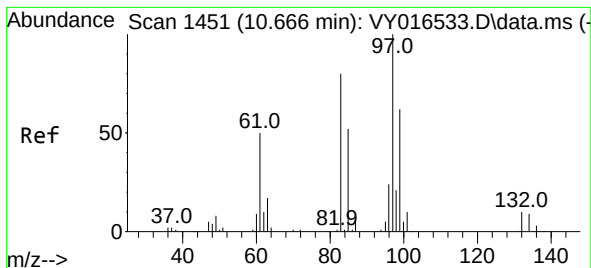
Reviewed By :John Carlone 12/04/2023
 Supervised By :Semsettin Yesilyurt 12/04/2023



#54
 cis-1,3-Dichloropropene
 Concen: 22.052 ug/l
 RT: 9.941 min Scan# 1332
 Delta R.T. -0.012 min
 Lab File: VY016555.D
 Acq: 01 Dec 2023 11:06

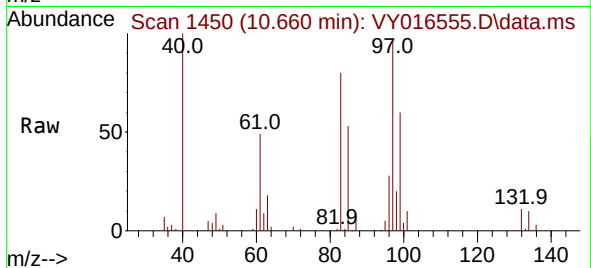
Tgt Ion: 75 Resp: 47893
 Ion Ratio Lower Upper
 75 100
 77 29.2 24.2 36.4
 39 35.5 42.2 63.4#





#55
1,1,2-Trichloroethane
Concen: 21.730 ug/l
RT: 10.660 min Scan# 1451
Delta R.T. -0.006 min
Lab File: VY016555.D
Acq: 01 Dec 2023 11:06

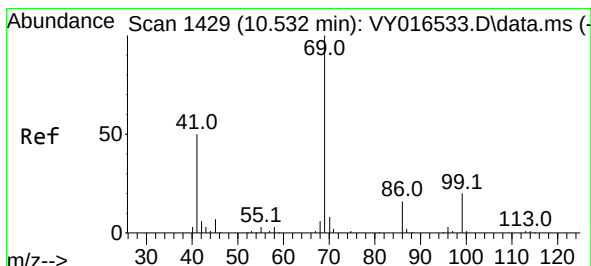
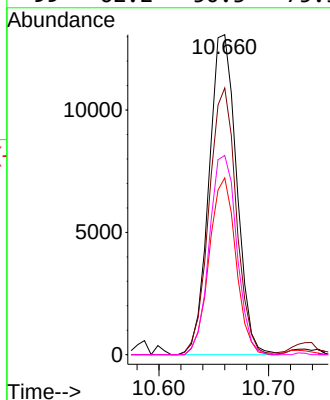
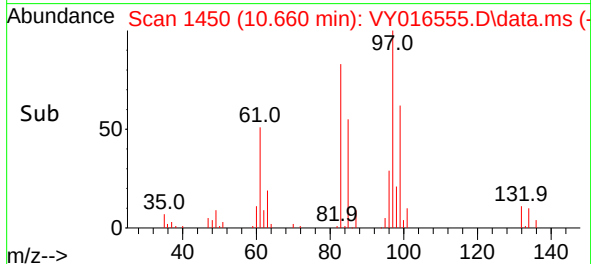
Instrument :
MSVOA_Y
ClientSampleId :
VY1201SBSD01



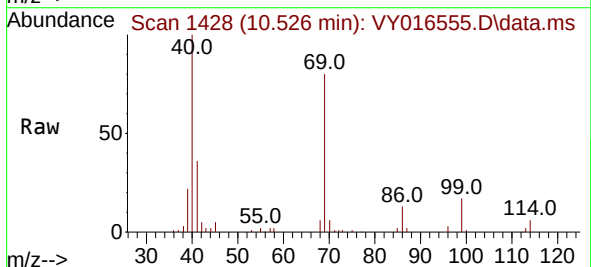
Tgt Ion: 97 Resp: 22970
Ion Ratio Lower Upper
97 100
83 83.4 72.0 108.0
85 55.3 45.4 68.0
99 62.2 50.3 75.5

Manual Integrations
APPROVED

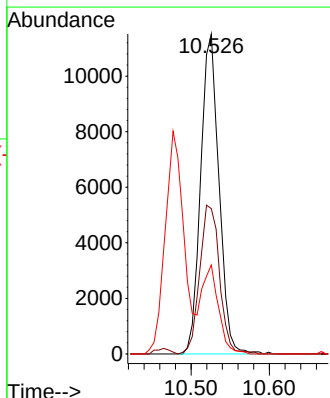
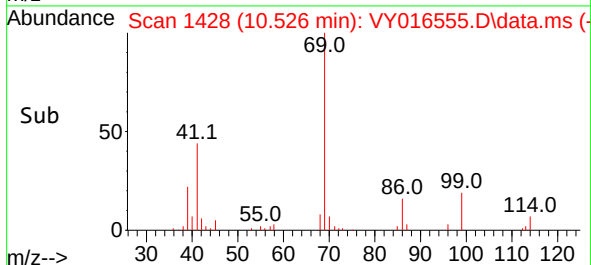
Reviewed By :John Carlone 12/04/2023
Supervised By :Semsettin Yesilyurt 12/04/2023

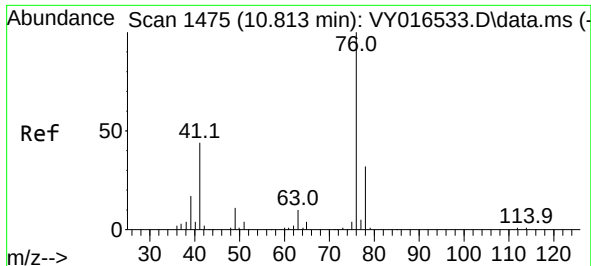


#56
Ethyl methacrylate
Concen: 20.887 ug/l
RT: 10.526 min Scan# 1428
Delta R.T. -0.006 min
Lab File: VY016555.D
Acq: 01 Dec 2023 11:06



Tgt Ion: 69 Resp: 18685
Ion Ratio Lower Upper
69 100
41 50.5 57.6 86.4#
39 24.8 34.1 51.1#





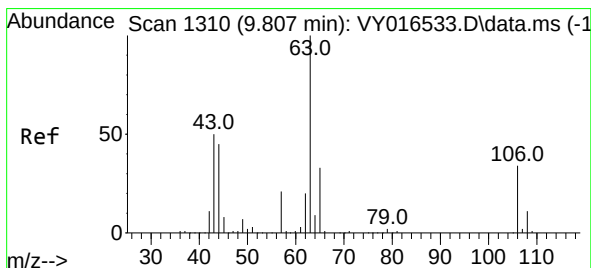
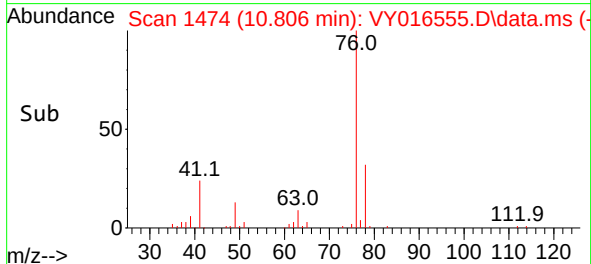
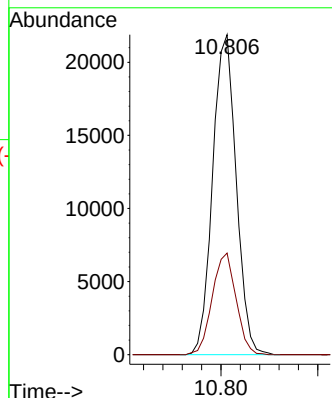
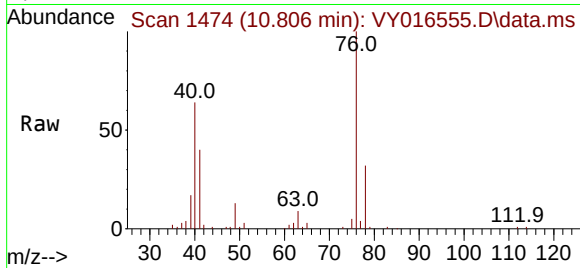
#57
1,3-Dichloropropane
Concen: 21.695 ug/l
RT: 10.806 min Scan# 1475
Delta R.T. -0.006 min
Lab File: VY016555.D
Acq: 01 Dec 2023 11:06

Instrument :
MSVOA_Y
ClientSampleId :
VY1201SBSD01

Tgt Ion: 76 Resp: 36940
Ion Ratio Lower Upper
76 100
78 32.1 25.3 37.9

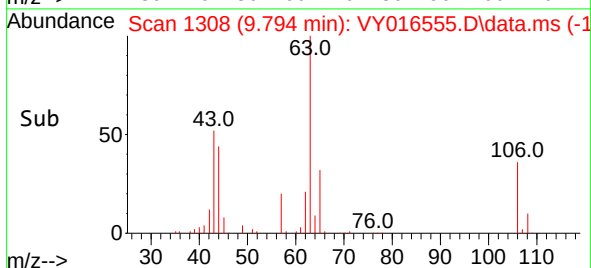
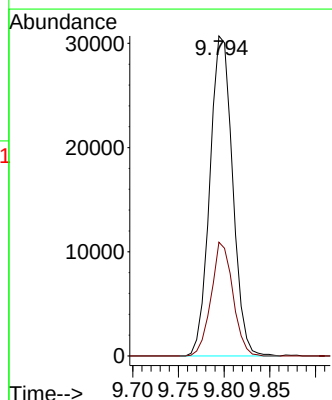
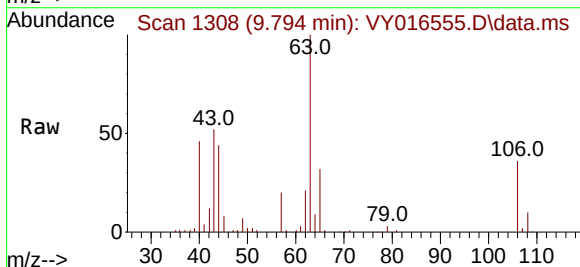
Manual Integrations
APPROVED

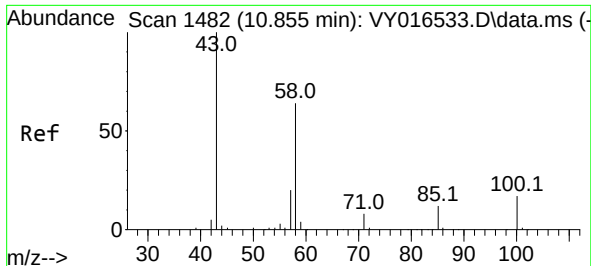
Reviewed By :John Carlone 12/04/2023
Supervised By :Semsettin Yesilyurt 12/04/2023



#58
2-Chloroethyl Vinyl ether
Concen: 96.018 ug/l
RT: 9.794 min Scan# 1308
Delta R.T. -0.012 min
Lab File: VY016555.D
Acq: 01 Dec 2023 11:06

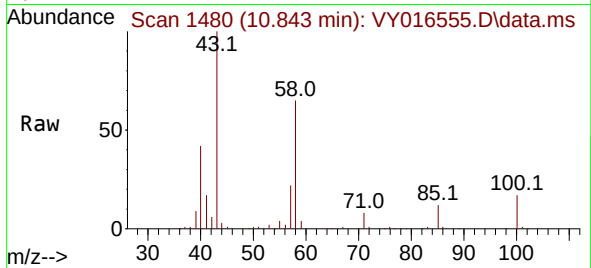
Tgt Ion: 63 Resp: 53115
Ion Ratio Lower Upper
63 100
106 33.9 21.2 31.8#





#59
2-Hexanone
Concen: 104.502 ug/l
RT: 10.843 min Scan# 1482
Delta R.T. -0.012 min
Lab File: VY016555.D
Acq: 01 Dec 2023 11:06

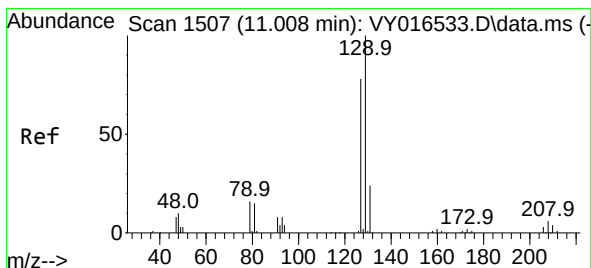
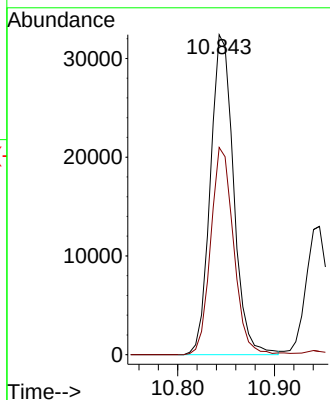
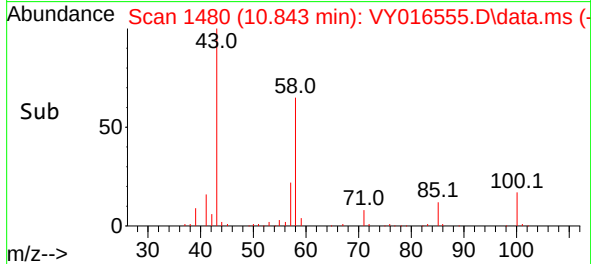
Instrument :
MSVOA_Y
ClientSampleId :
VY1201SBSD01



Tgt Ion: 43 Resp: 5404
Ion Ratio Lower Upper
43 100
58 64.1 25.1 75.3

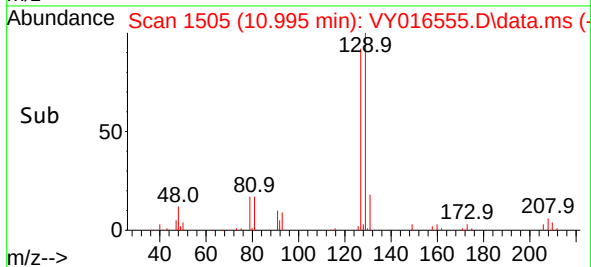
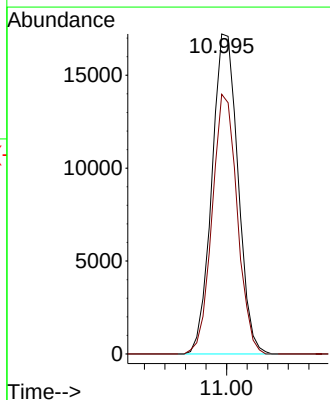
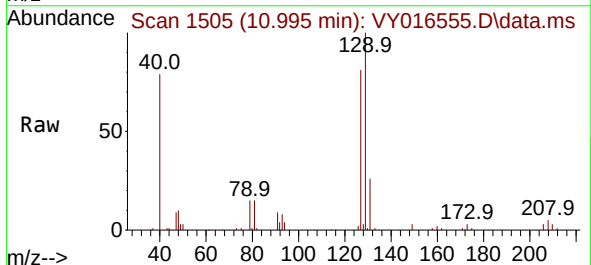
Manual Integrations
APPROVED

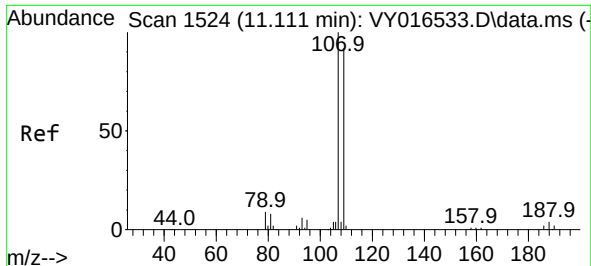
Reviewed By :John Carlone 12/04/2023
Supervised By :Semsettin Yesilyurt 12/04/2023



#60
Dibromochloromethane
Concen: 21.966 ug/l
RT: 10.995 min Scan# 1505
Delta R.T. -0.012 min
Lab File: VY016555.D
Acq: 01 Dec 2023 11:06

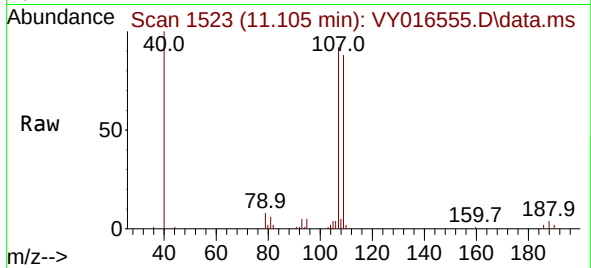
Tgt Ion:129 Resp: 30350
Ion Ratio Lower Upper
129 100
127 77.8 38.5 115.5





#61
1,2-Dibromoethane
Concen: 21.291 ug/l
RT: 11.105 min Scan# 1110
Delta R.T. -0.006 min
Lab File: VY016555.D
Acq: 01 Dec 2023 11:06

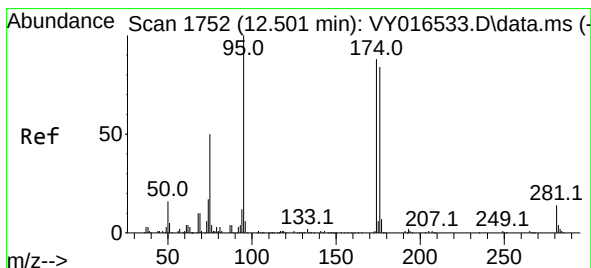
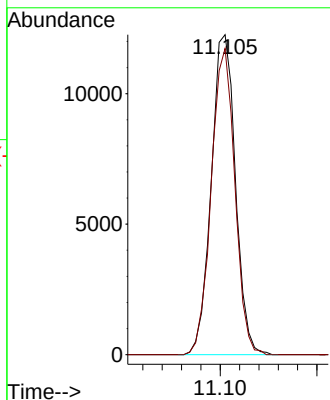
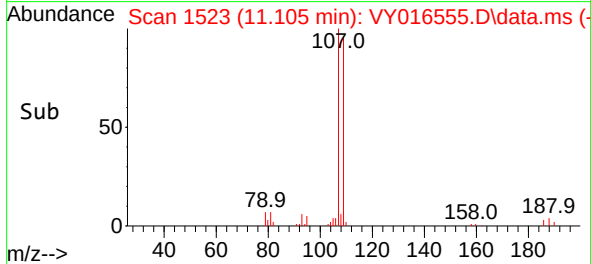
Instrument :
MSVOA_Y
ClientSampleId :
VY1201SBSD01



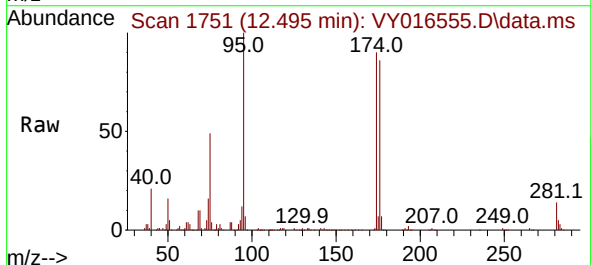
Tgt Ion:107 Resp: 21254
Ion Ratio Lower Upper
107 100
109 93.4 75.6 113.4

Manual Integrations
APPROVED

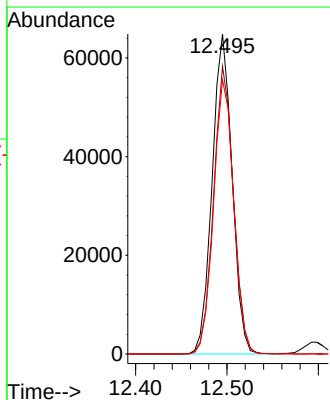
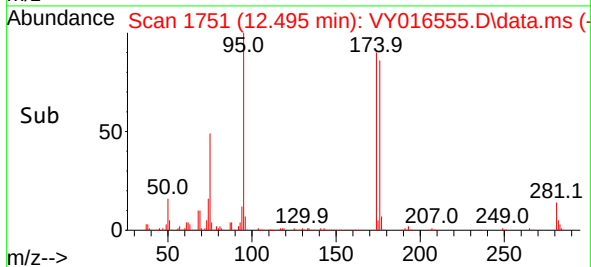
Reviewed By :John Carlone 12/04/2023
Supervised By :Semsettin Yesilyurt 12/04/2023

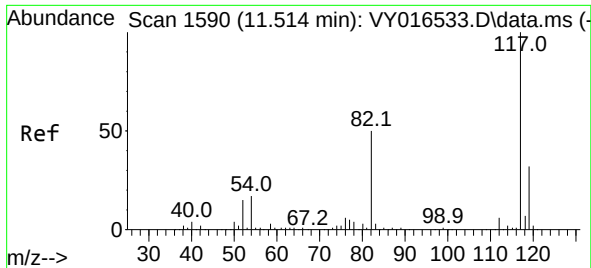


#62
4-Bromofluorobenzene
Concen: 58.689 ug/l
RT: 12.495 min Scan# 1751
Delta R.T. -0.006 min
Lab File: VY016555.D
Acq: 01 Dec 2023 11:06



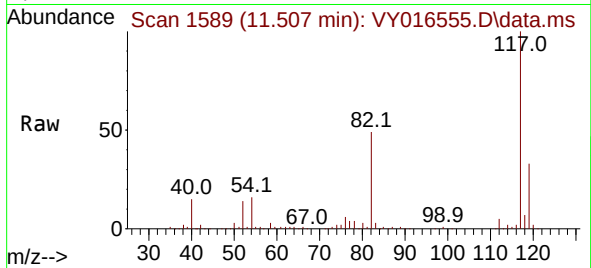
Tgt Ion: 95 Resp: 98468
Ion Ratio Lower Upper
95 100
174 89.3 0.0 178.2
176 86.5 0.0 173.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.507 min Scan# 11507
Delta R.T. -0.006 min
Lab File: VY016555.D
Acq: 01 Dec 2023 11:06

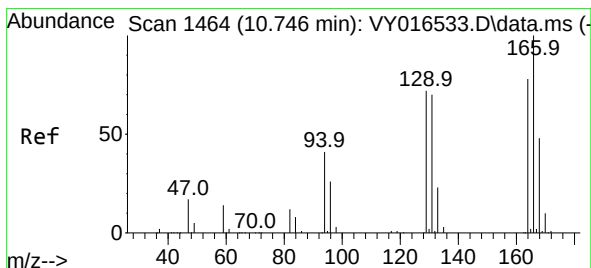
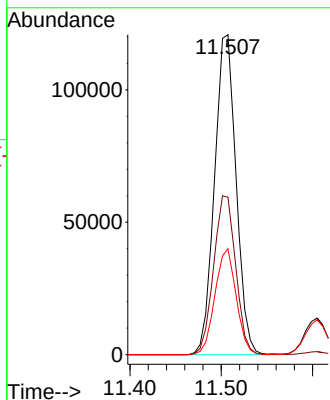
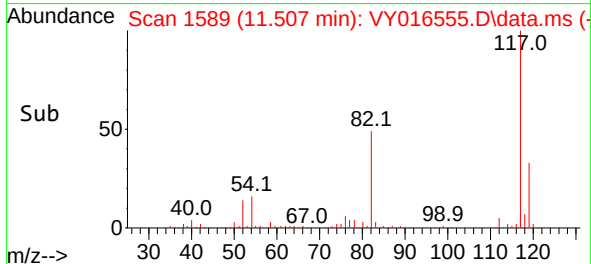
Instrument :
MSVOA_Y
ClientSampleId :
VY1201SBSD01



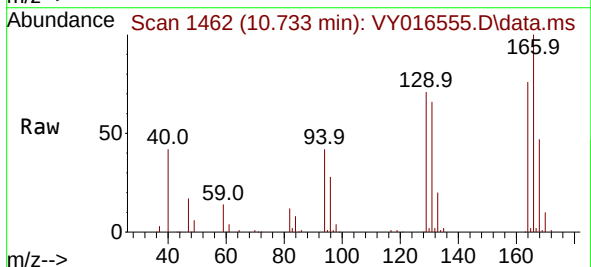
Tgt Ion:117 Resp: 198689
Ion Ratio Lower Upper
117 100
82 49.2 43.4 65.0
119 33.1 26.3 39.5

Manual Integrations
APPROVED

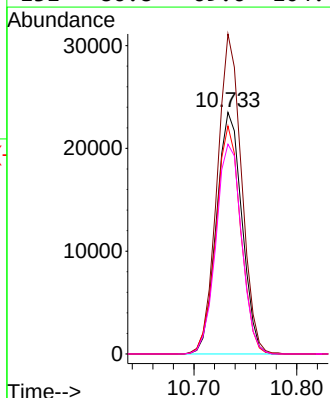
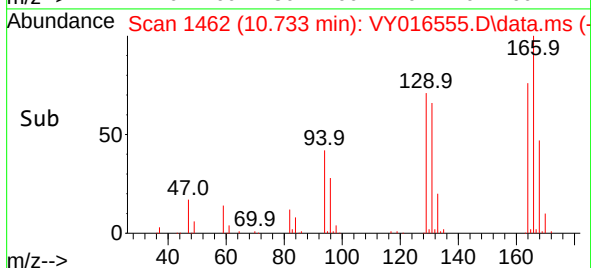
Reviewed By :John Carlone 12/04/2023
Supervised By :Semsettin Yesilyurt 12/04/2023

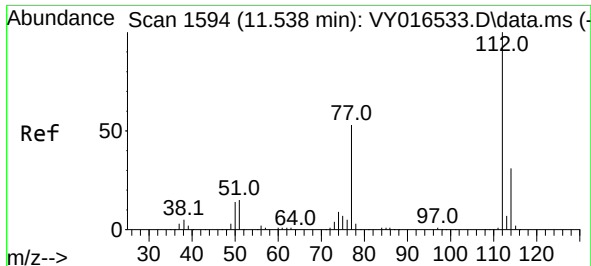


#64
Tetrachloroethene
Concen: 22.863 ug/l
RT: 10.733 min Scan# 1462
Delta R.T. -0.012 min
Lab File: VY016555.D
Acq: 01 Dec 2023 11:06



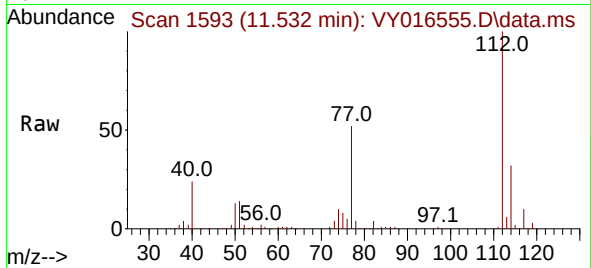
Tgt Ion:164 Resp: 40428
Ion Ratio Lower Upper
164 100
166 132.4 103.0 154.6
129 94.4 77.2 115.8
131 86.8 69.6 104.4





#65
Chlorobenzene
Concen: 22.693 ug/l
RT: 11.532 min Scan# 1153
Delta R.T. -0.006 min
Lab File: VY016555.D
Acq: 01 Dec 2023 11:06

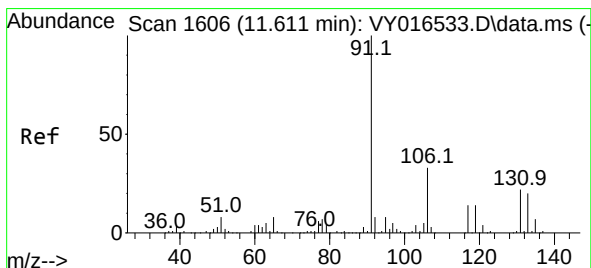
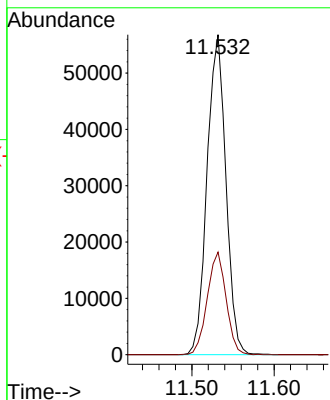
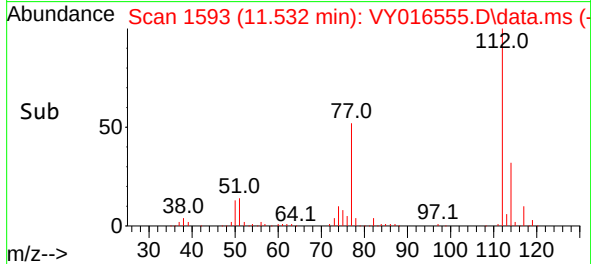
Instrument :
MSVOA_Y
ClientSampleId :
VY1201SBSD01



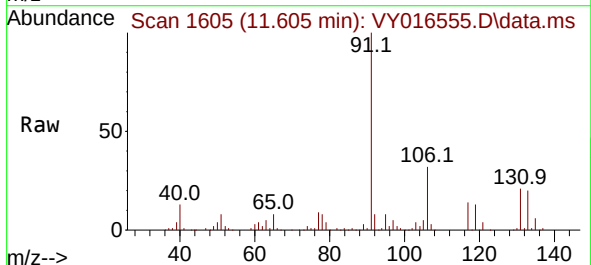
Tgt Ion:112 Resp: 90295
Ion Ratio Lower Upper
112 100
114 32.1 25.5 38.3

Manual Integrations
APPROVED

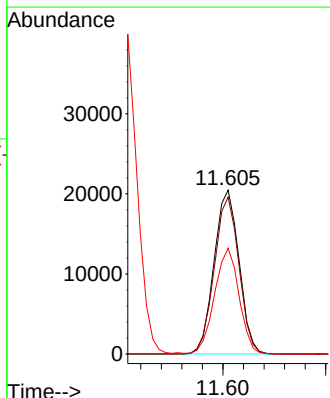
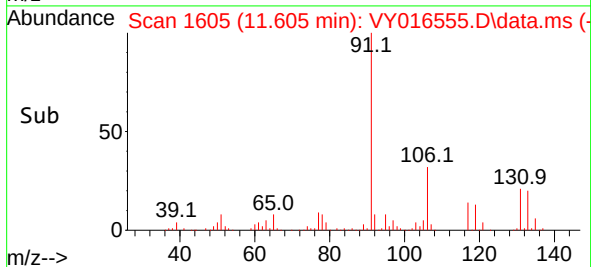
Reviewed By :John Carbone 12/04/2023
Supervised By :Semsettin Yesilyurt 12/04/2023

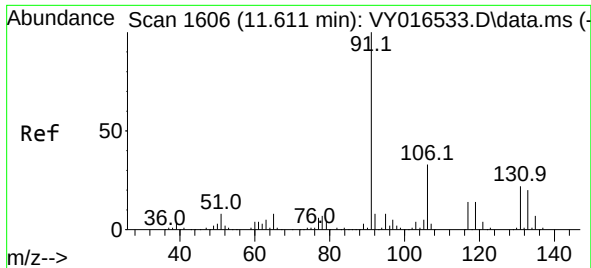


#66
1,1,1,2-Tetrachloroethane
Concen: 22.557 ug/l
RT: 11.605 min Scan# 1605
Delta R.T. -0.006 min
Lab File: VY016555.D
Acq: 01 Dec 2023 11:06



Tgt Ion:131 Resp: 34408
Ion Ratio Lower Upper
131 100
133 94.6 47.5 142.6
119 63.5 31.6 94.7





#67

Ethyl Benzene

Concen: 22.631 ug/l

RT: 11.605 min Scan# 1605

Delta R.T. -0.006 min

Lab File: VY016555.D

Acq: 01 Dec 2023 11:06

Instrument :

MSVOA_Y

ClientSampleId :

VY1201SBSD01

Tgt Ion: 91 Resp: 158070

Ion Ratio Lower Upper

91 100

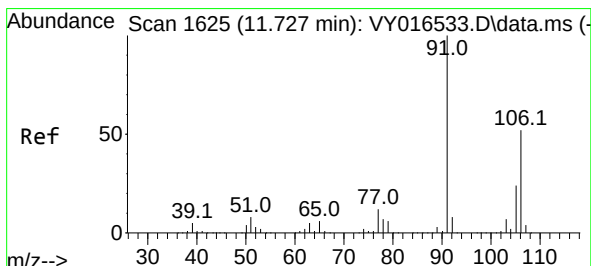
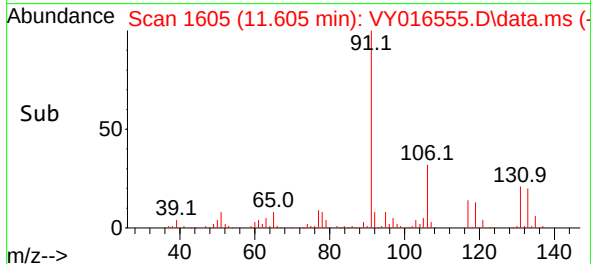
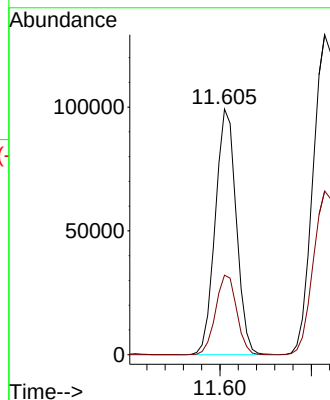
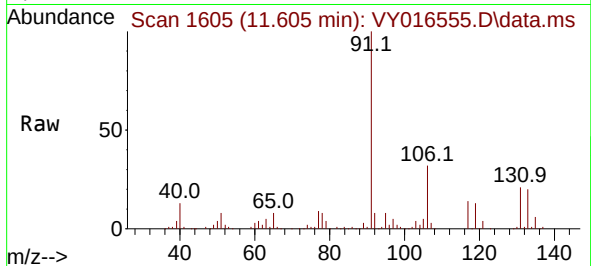
106 32.4 24.6 36.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/04/2023

Supervised By :Semsettin Yesilyurt 12/04/2023



#68

m/p-Xylenes

Concen: 46.178 ug/l

RT: 11.715 min Scan# 1623

Delta R.T. -0.012 min

Lab File: VY016555.D

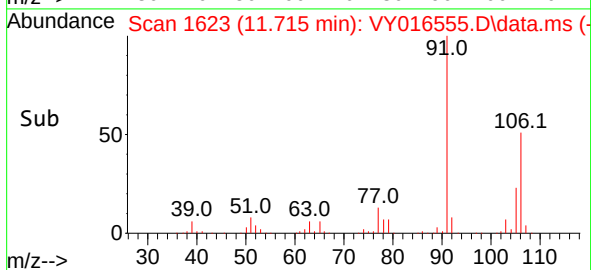
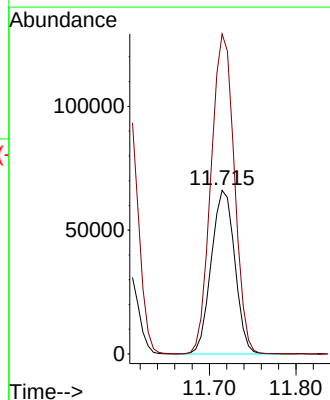
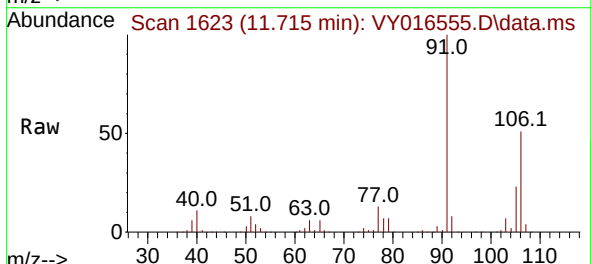
Acq: 01 Dec 2023 11:06

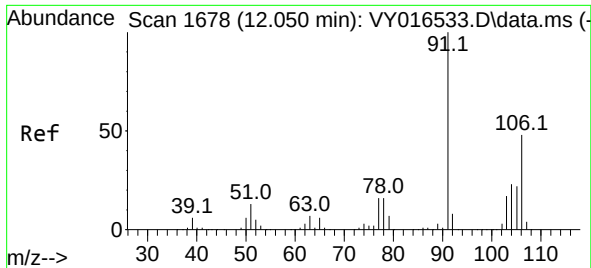
Tgt Ion:106 Resp: 124828

Ion Ratio Lower Upper

106 100

91 193.6 166.1 249.1





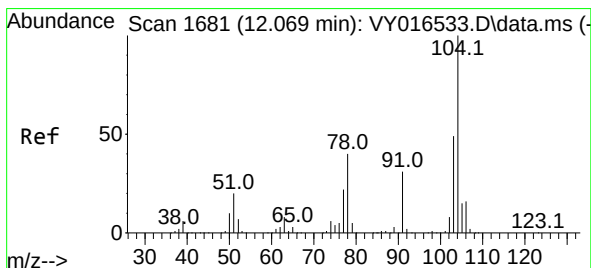
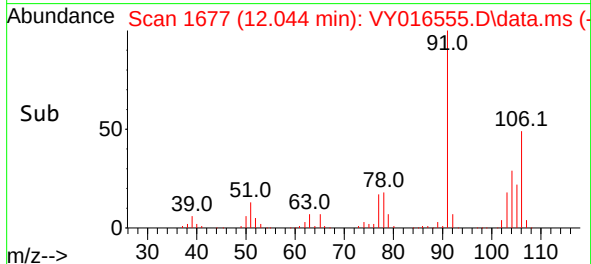
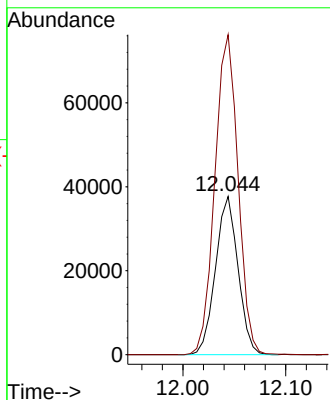
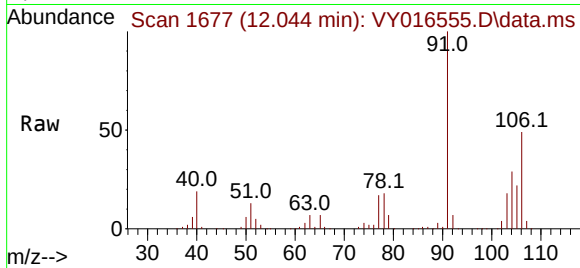
#69
o-Xylene
Concen: 23.107 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. -0.006 min
Lab File: VY016555.D
Acq: 01 Dec 2023 11:06

Instrument :
MSVOA_Y
ClientSampleId :
VY1201SBS01

Tgt Ion:106 Resp: 5734
Ion Ratio Lower Upper
106 100
91 208.2 108.1 324.3

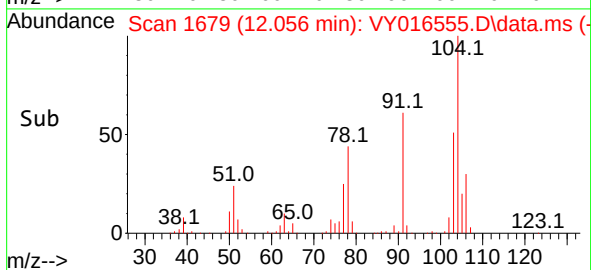
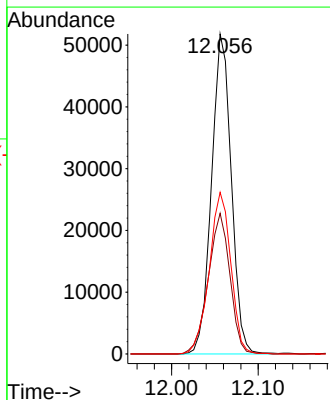
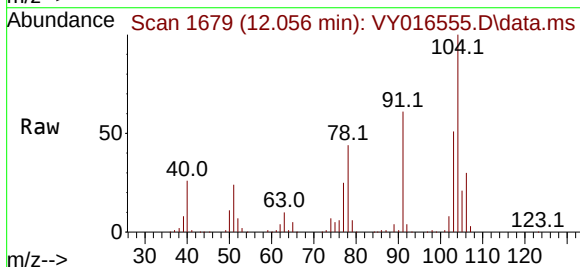
Manual Integrations
APPROVED

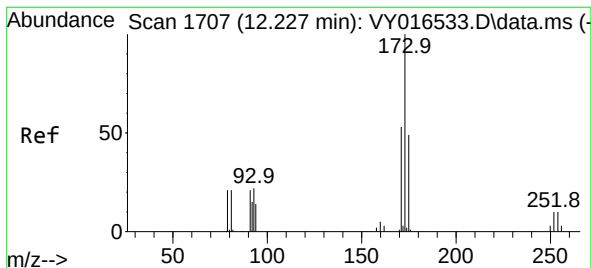
Reviewed By :John Carlone 12/04/2023
Supervised By :Semsettin Yesilyurt 12/04/2023



#70
Styrene
Concen: 23.002 ug/l
RT: 12.056 min Scan# 1679
Delta R.T. -0.012 min
Lab File: VY016555.D
Acq: 01 Dec 2023 11:06

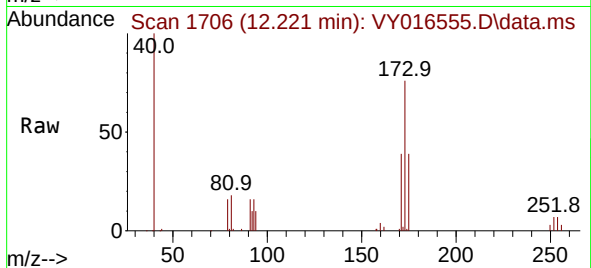
Tgt Ion:104 Resp: 82131
Ion Ratio Lower Upper
104 100
78 48.2 41.5 62.3
103 55.2 44.6 67.0





#71
Bromoform
Concen: 21.872 ug/l
RT: 12.221 min Scan# 1706
Delta R.T. -0.006 min
Lab File: VY016555.D
Acq: 01 Dec 2023 11:06

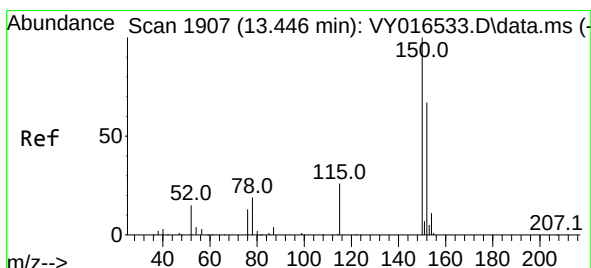
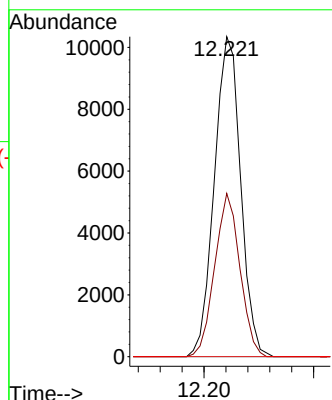
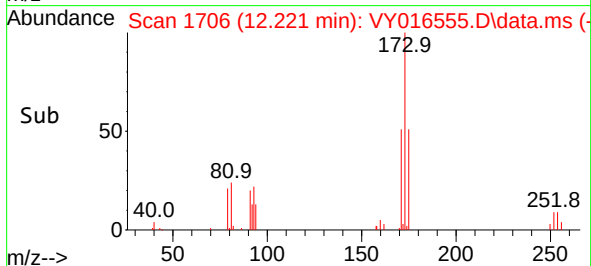
Instrument :
MSVOA_Y
ClientSampleId :
VY1201SBSD01



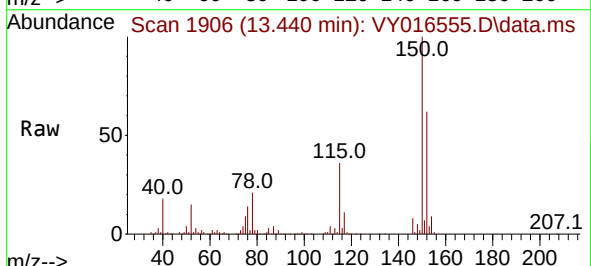
Tgt Ion:173 Resp: 1723
Ion Ratio Lower Upper
173 100
175 48.9 24.6 73.8
254 0.0 0.2 0.2

Manual Integrations
APPROVED

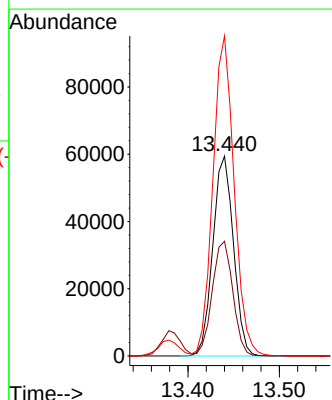
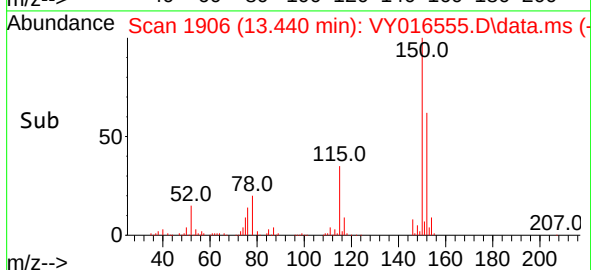
Reviewed By :John Carlone 12/04/2023
Supervised By :Semsettin Yesilyurt 12/04/2023

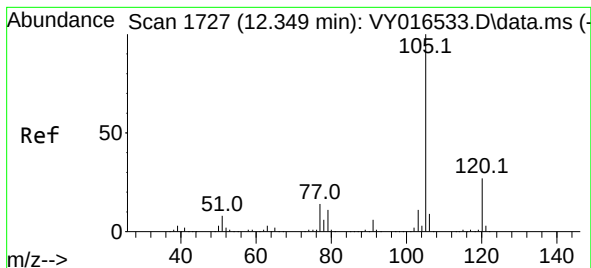


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.440 min Scan# 1906
Delta R.T. -0.006 min
Lab File: VY016555.D
Acq: 01 Dec 2023 11:06



Tgt Ion:152 Resp: 93198
Ion Ratio Lower Upper
152 100
115 57.2 28.8 86.5
150 164.6 0.0 348.8





#73

Isopropylbenzene

Concen: 22.718 ug/l

RT: 12.343 min Scan# 1727

Delta R.T. -0.006 min

Lab File: VY016555.D

Acq: 01 Dec 2023 11:06

Instrument :

MSVOA_Y

ClientSampleId :

VY1201SBSD01

Tgt Ion:105 Resp: 160560

Ion Ratio Lower Upper

105 100

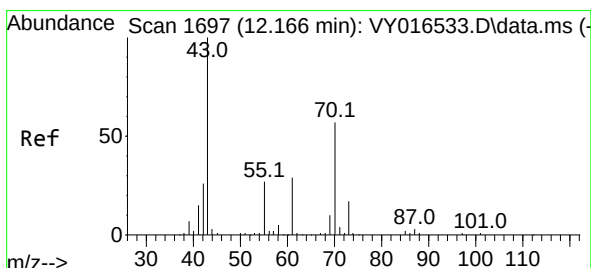
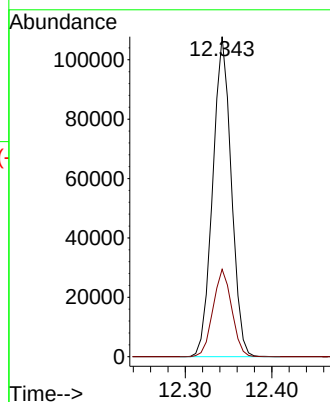
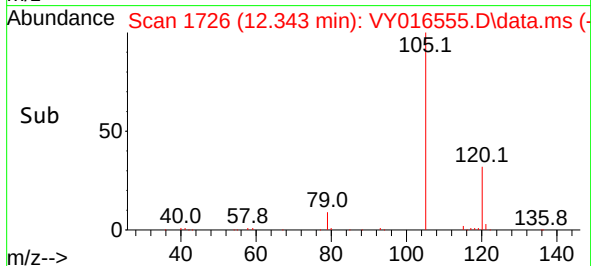
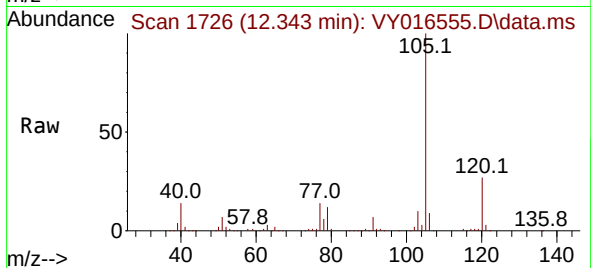
120 27.4 13.3 39.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/04/2023

Supervised By :Semsettin Yesilyurt 12/04/2023



#74

N-ethyl acetate

Concen: 19.682 ug/l

RT: 12.154 min Scan# 1695

Delta R.T. -0.012 min

Lab File: VY016555.D

Acq: 01 Dec 2023 11:06

Tgt Ion: 43 Resp: 19645

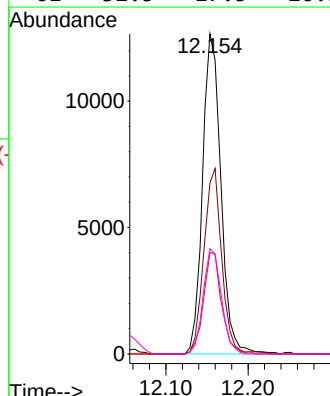
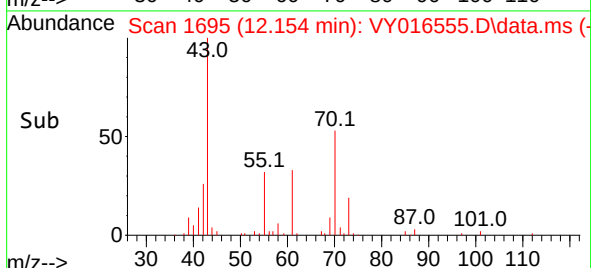
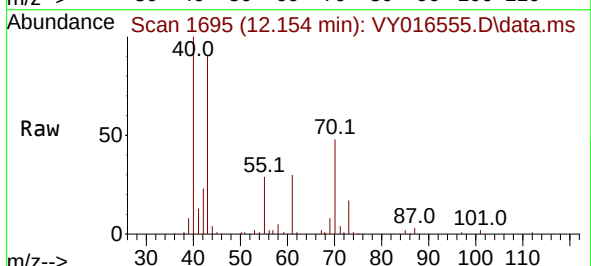
Ion Ratio Lower Upper

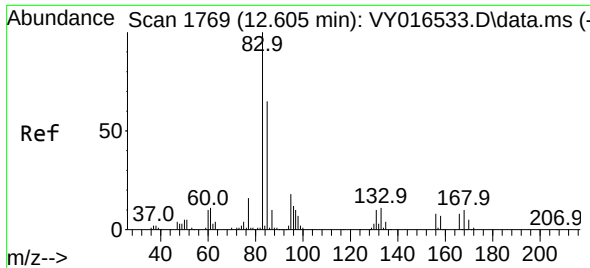
43 100

70 56.4 29.7 44.5#

55 31.3 18.3 27.5#

61 32.5 17.5 26.3#





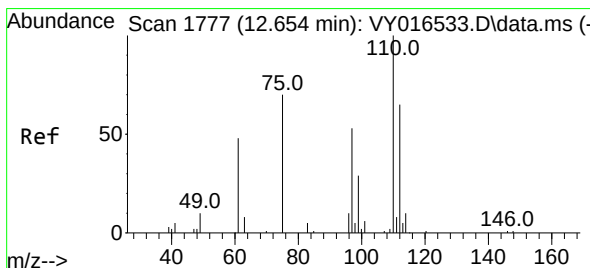
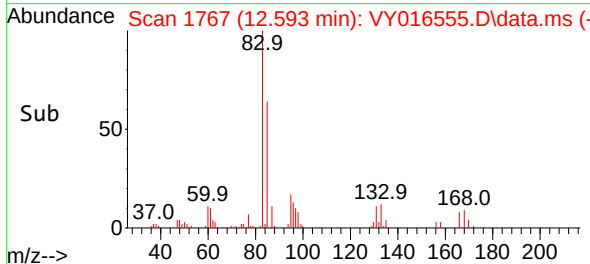
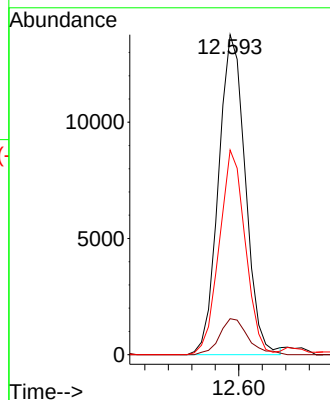
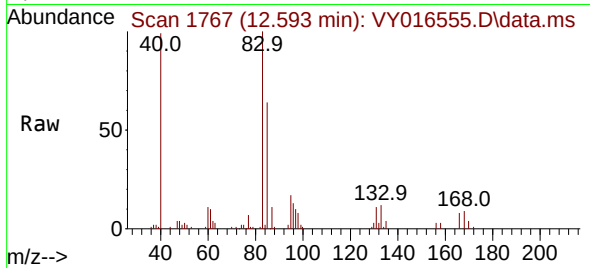
#75
1,1,2,2-Tetrachloroethane
Concen: 20.836 ug/l
RT: 12.593 min Scan# 1767
Delta R.T. -0.012 min
Lab File: VY016555.D
Acq: 01 Dec 2023 11:06

Instrument :
MSVOA_Y
ClientSampleId :
VY1201SBSD01

Tgt Ion: 83 Resp: 21860
Ion Ratio Lower Upper
83 100
131 11.9 5.4 16.2
85 62.0 31.8 95.4

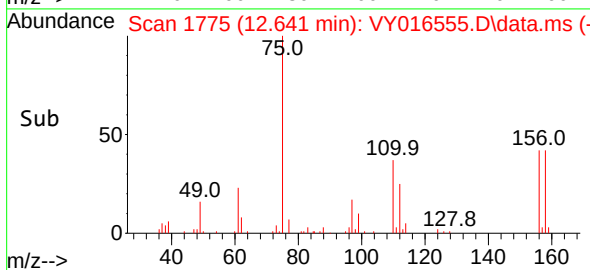
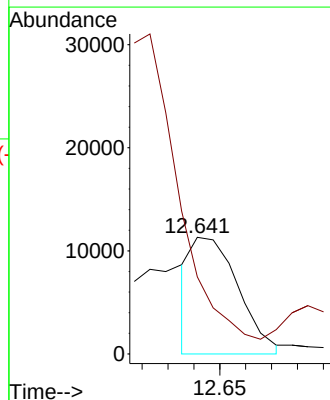
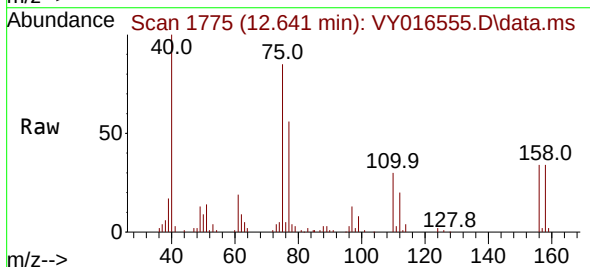
Manual Integrations
APPROVED

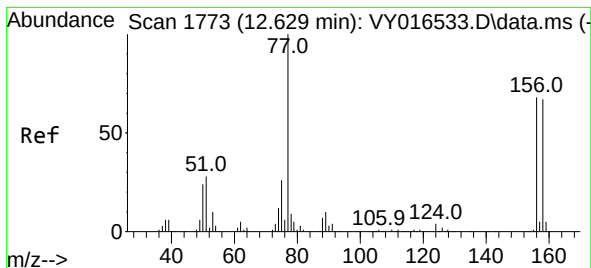
Reviewed By :John Carlone 12/04/2023
Supervised By :Semsettin Yesilyurt 12/04/2023



#76
1,2,3-Trichloropropane
Concen: 18.234 ug/l m
RT: 12.641 min Scan# 1775
Delta R.T. -0.012 min
Lab File: VY016555.D
Acq: 01 Dec 2023 11:06

Tgt Ion: 75 Resp: 14268
Ion Ratio Lower Upper
75 100
77 397.4 0.0 0.0#





#77

Bromobenzene

Concen: 22.255 ug/l

RT: 12.623 min Scan# 1772

Delta R.T. -0.006 min

Lab File: VY016555.D

Acq: 01 Dec 2023 11:06

Instrument :

MSVOA_Y

ClientSampleId :

VY1201SBSD01

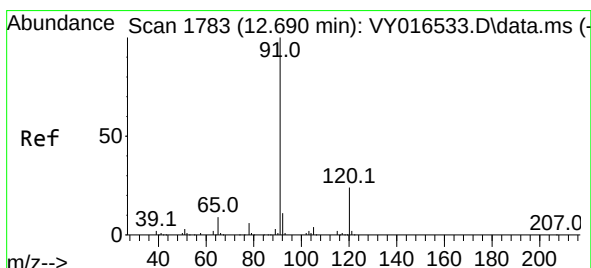
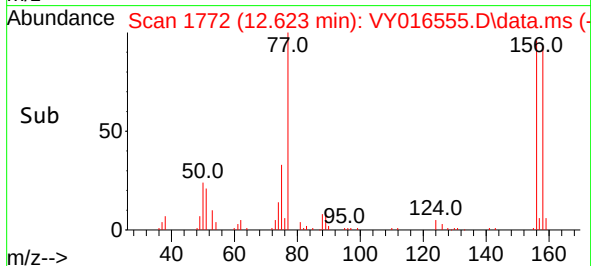
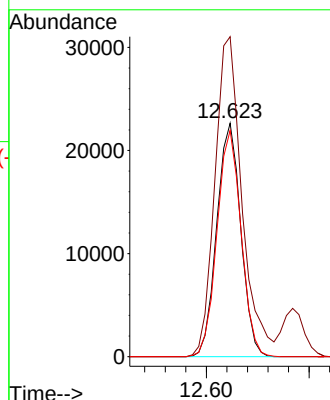
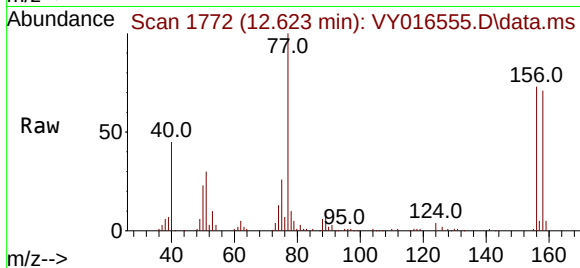
Tgt Ion:	156	Resp:	36624
Ion Ratio	Lower	Upper	
156	100		
77	154.8	92.8	278.6
158	97.2	48.4	145.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/04/2023

Supervised By :Semsettin Yesilyurt 12/04/2023



#78

n-propylbenzene

Concen: 22.463 ug/l

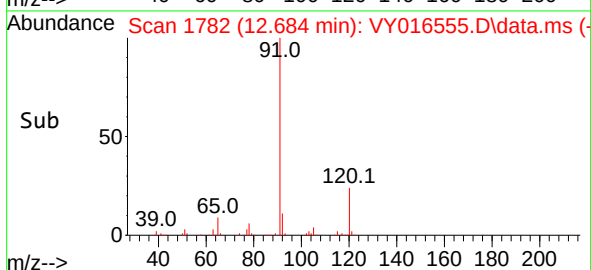
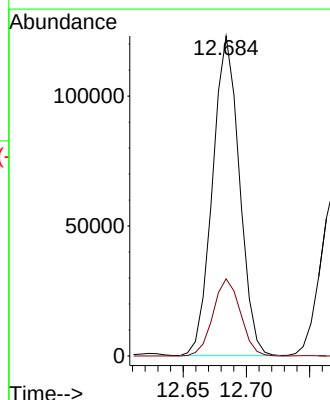
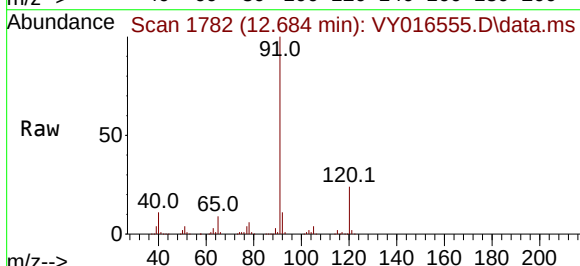
RT: 12.684 min Scan# 1782

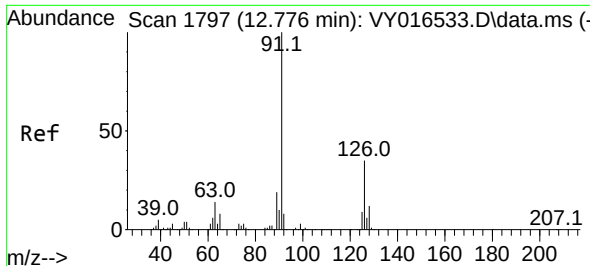
Delta R.T. -0.006 min

Lab File: VY016555.D

Acq: 01 Dec 2023 11:06

Tgt Ion:	91	Resp:	181630
Ion Ratio	Lower	Upper	
91	100		
120	24.5	11.5	34.4





#79

2-Chlorotoluene

Concen: 22.427 ug/l

RT: 12.769 min Scan# 1796

Delta R.T. -0.006 min

Lab File: VY016555.D

Acq: 01 Dec 2023 11:06

Instrument :

MSVOA_Y

ClientSampleId :

VY1201SBS01

Tgt Ion: 91 Resp: 10086

Ion Ratio Lower Upper

91 100

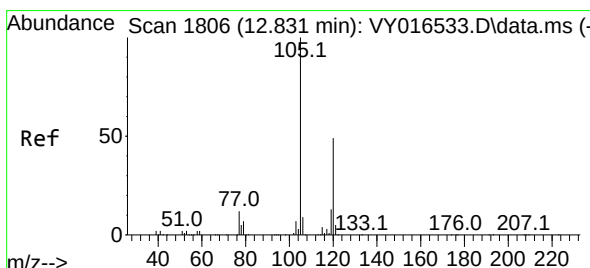
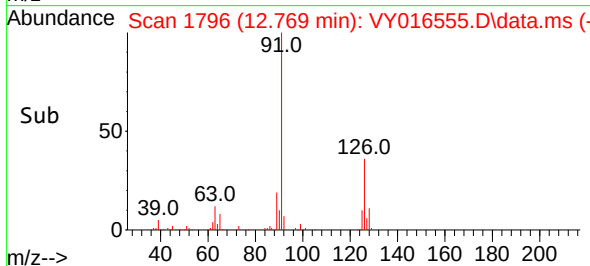
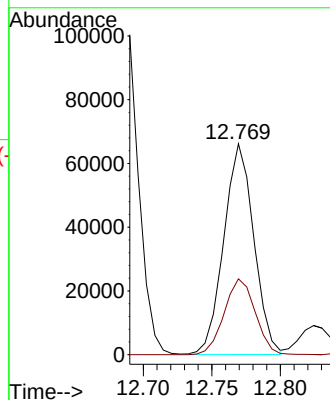
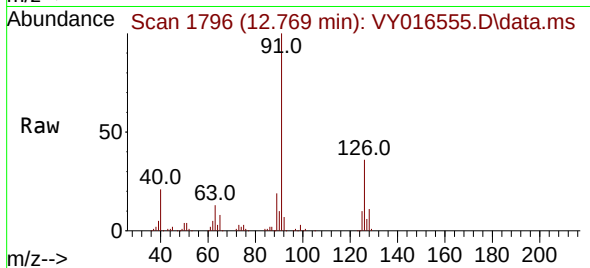
126 37.2 17.3 51.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/04/2023

Supervised By :Semsettin Yesilyurt 12/04/2023



#80

1,3,5-Trimethylbenzene

Concen: 22.665 ug/l

RT: 12.824 min Scan# 1805

Delta R.T. -0.006 min

Lab File: VY016555.D

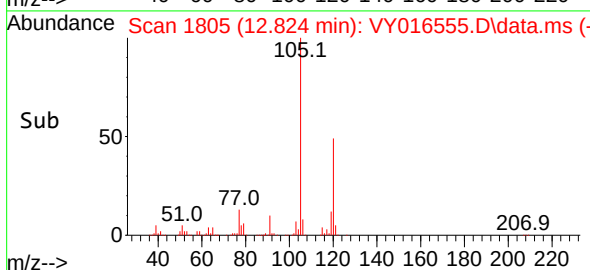
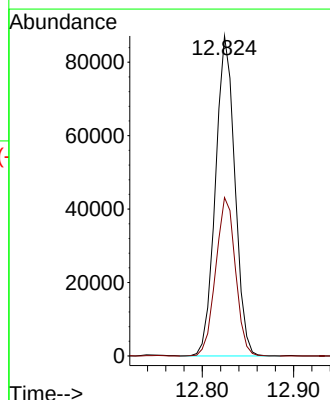
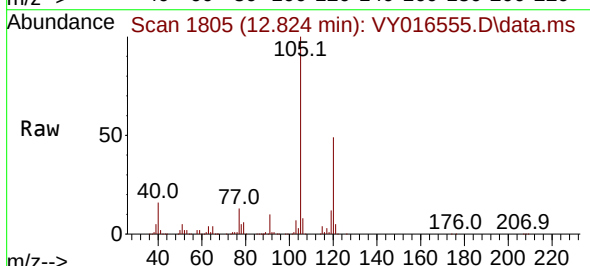
Acq: 01 Dec 2023 11:06

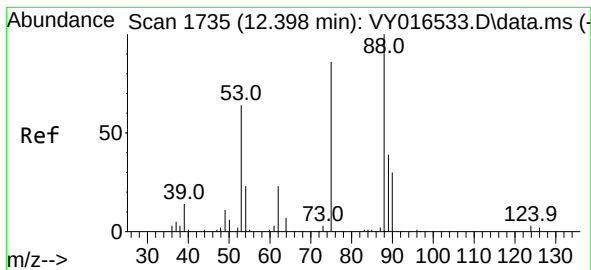
Tgt Ion:105 Resp: 128773

Ion Ratio Lower Upper

105 100

120 50.3 23.9 71.7





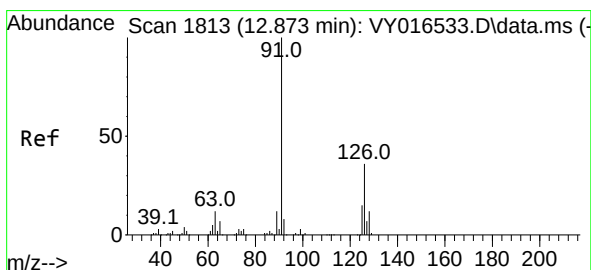
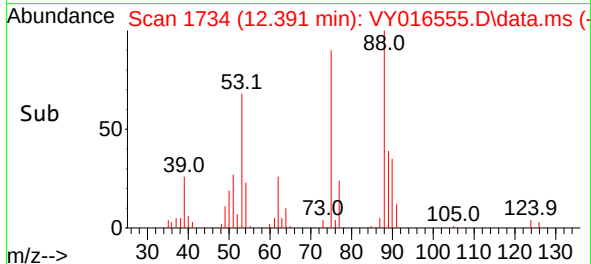
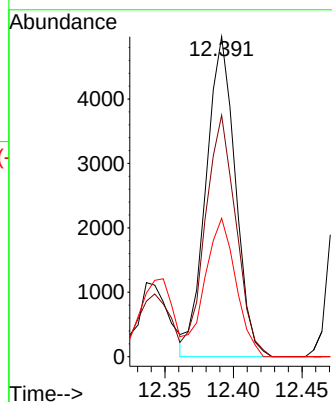
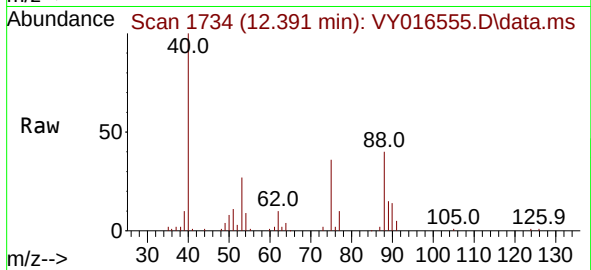
#81
trans-1,4-Dichloro-2-butene
Concen: 20.580 ug/l
RT: 12.391 min Scan# 1734
Delta R.T. -0.006 min
Lab File: VY016555.D
Acq: 01 Dec 2023 11:06

Instrument :
MSVOA_Y
ClientSampleId :
VY1201SBSD01

Tgt Ion: 75 Resp: 7384
Ion Ratio Lower Upper
75 100
53 79.0 77.8 116.8
89 46.1 37.4 56.0

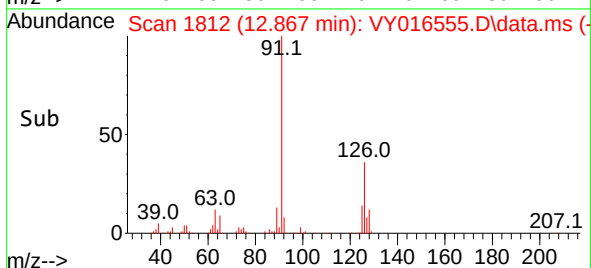
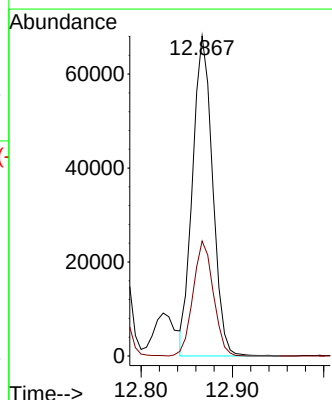
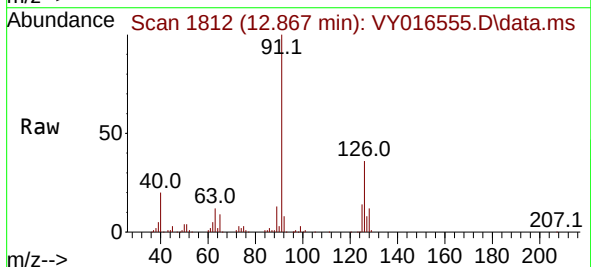
Manual Integrations
APPROVED

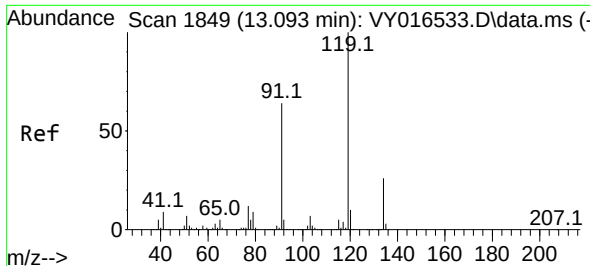
Reviewed By :John Carlone 12/04/2023
Supervised By :Semsettin Yesilyurt 12/04/2023



#82
4-Chlorotoluene
Concen: 22.448 ug/l
RT: 12.867 min Scan# 1812
Delta R.T. -0.006 min
Lab File: VY016555.D
Acq: 01 Dec 2023 11:06

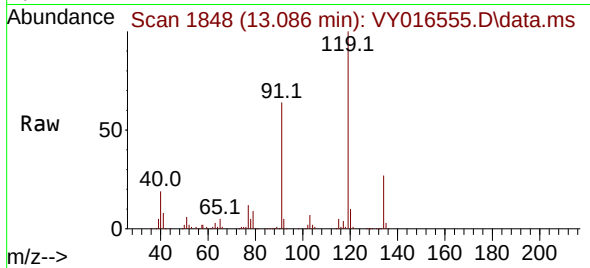
Tgt Ion: 91 Resp: 103653
Ion Ratio Lower Upper
91 100
126 36.3 17.2 51.6





#83
tert-Butylbenzene
Concen: 22.545 ug/l
RT: 13.086 min Scan# 1848
Delta R.T. -0.006 min
Lab File: VY016555.D
Acq: 01 Dec 2023 11:06

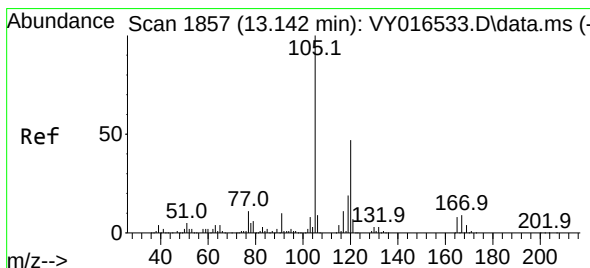
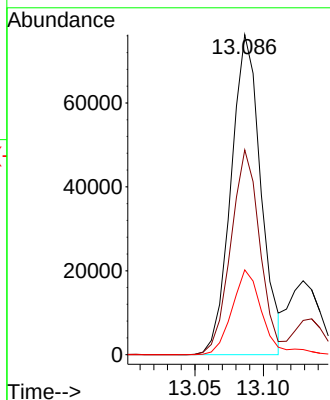
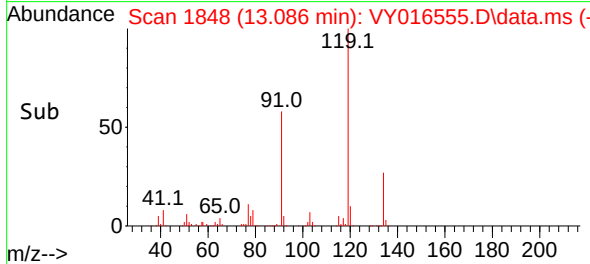
Instrument :
MSVOA_Y
ClientSampleId :
VY1201SBSD01



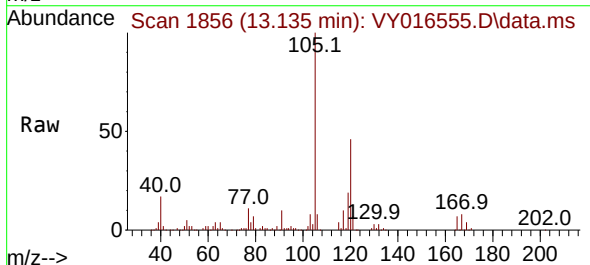
Tgt Ion:119 Resp: 11559
Ion Ratio Lower Upper
119 100
91 63.1 32.9 98.6
134 27.0 13.0 38.9

Manual Integrations
APPROVED

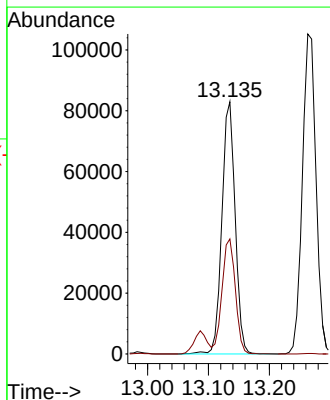
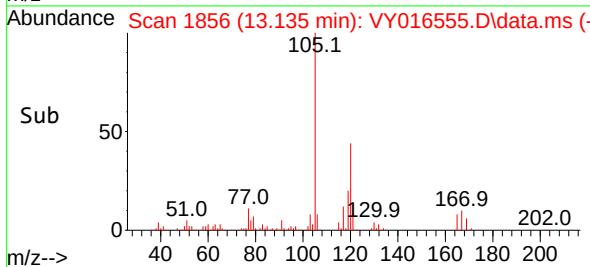
Reviewed By :John Carlone 12/04/2023
Supervised By :Semsettin Yesilyurt 12/04/2023

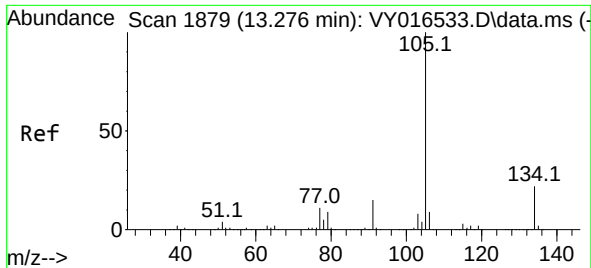


#84
1,2,4-Trimethylbenzene
Concen: 22.632 ug/l
RT: 13.135 min Scan# 1856
Delta R.T. -0.006 min
Lab File: VY016555.D
Acq: 01 Dec 2023 11:06



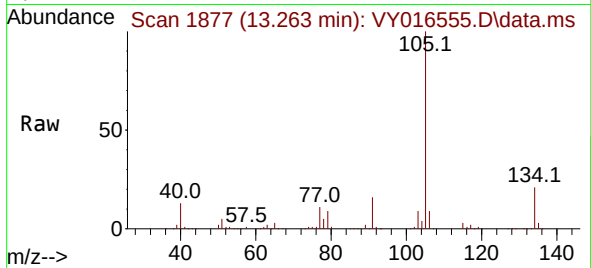
Tgt Ion:105 Resp: 125187
Ion Ratio Lower Upper
105 100
120 46.0 22.2 66.6





#85
 sec-Butylbenzene
 Concen: 23.003 ug/l
 RT: 13.263 min Scan# 1877
 Delta R.T. -0.013 min
 Lab File: VY016555.D
 Acq: 01 Dec 2023 11:06

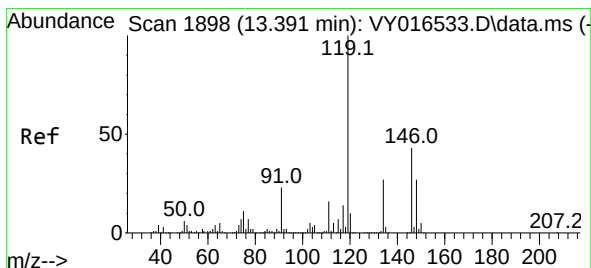
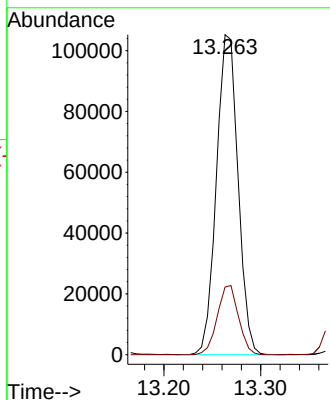
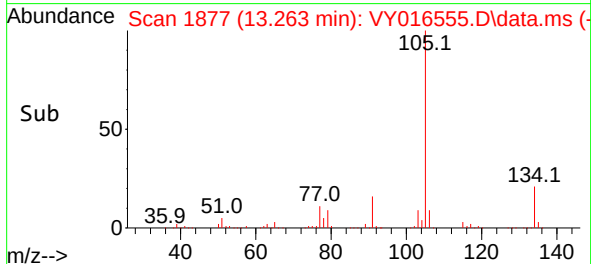
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1201SBSD01



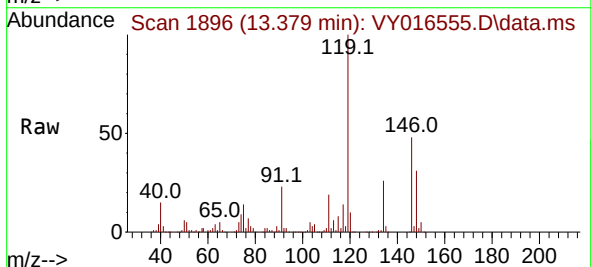
Tgt Ion:105 Resp: 163118
 Ion Ratio Lower Upper
 105 100
 134 21.2 10.2 30.6

Manual Integrations
 APPROVED

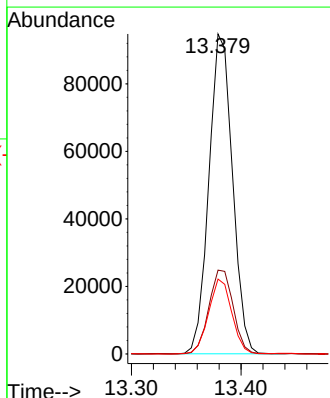
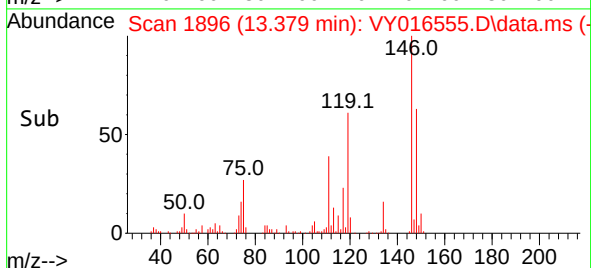
Reviewed By :John Carbone 12/04/2023
 Supervised By :Semsettin Yesilyurt 12/04/2023

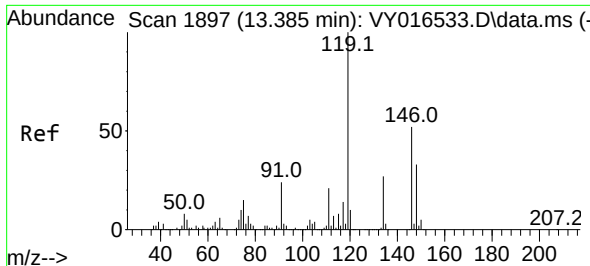


#86
 p-Isopropyltoluene
 Concen: 23.096 ug/l
 RT: 13.379 min Scan# 1896
 Delta R.T. -0.012 min
 Lab File: VY016555.D
 Acq: 01 Dec 2023 11:06



Tgt Ion:119 Resp: 141512
 Ion Ratio Lower Upper
 119 100
 134 27.1 13.3 39.8
 91 23.2 12.4 37.4





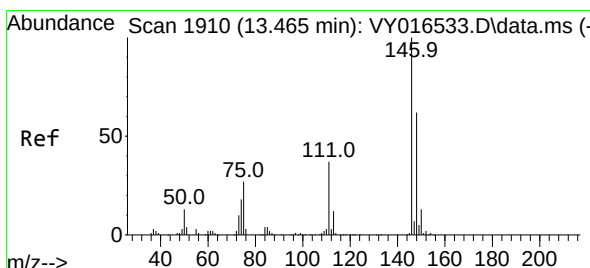
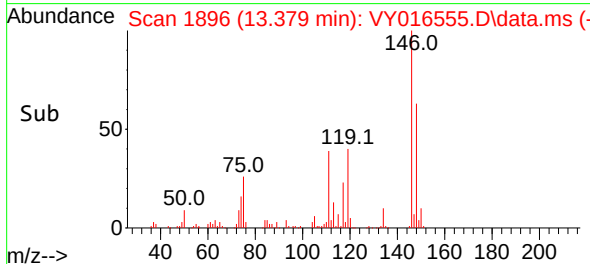
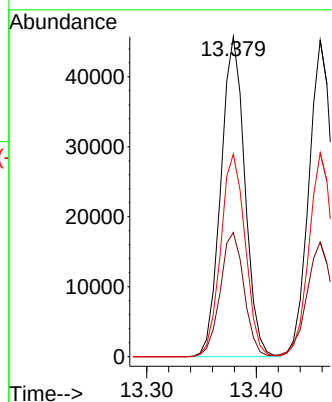
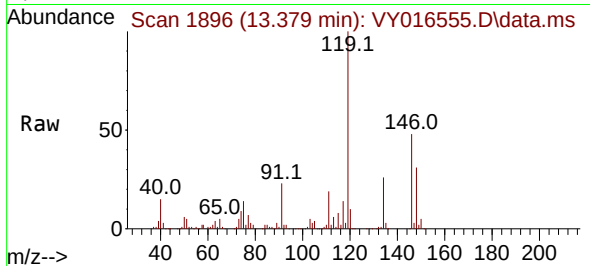
#87
1,3-Dichlorobenzene
Concen: 22.375 ug/l
RT: 13.379 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY016555.D
Acq: 01 Dec 2023 11:06

Instrument :
MSVOA_Y
ClientSampleId :
VY1201SBSD01

Tgt Ion:146 Resp: 69529
Ion Ratio Lower Upper
146 100
111 38.6 19.4 58.2
148 64.7 31.9 95.5

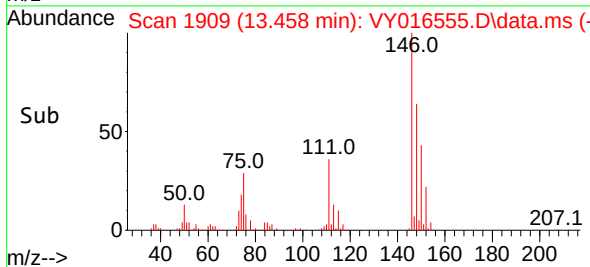
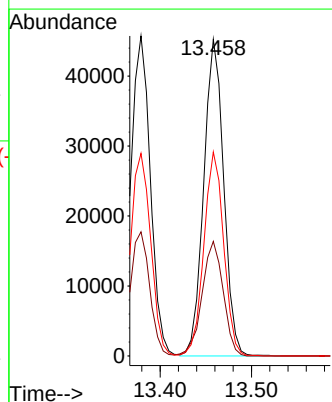
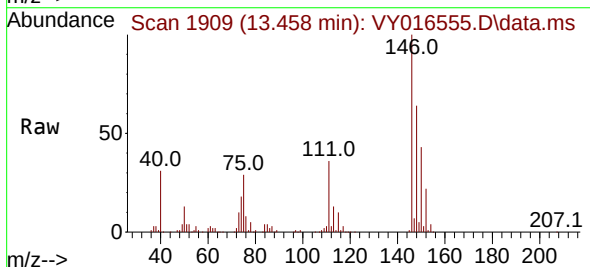
Manual Integrations
APPROVED

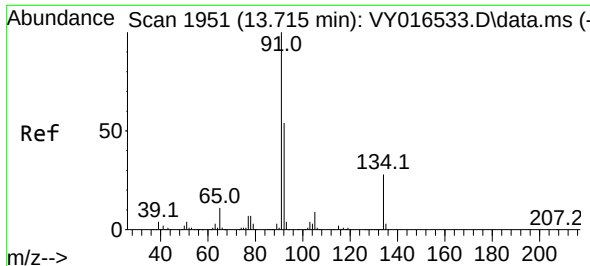
Reviewed By :John Carlone 12/04/2023
Supervised By :Semsettin Yesilyurt 12/04/2023



#88
1,4-Dichlorobenzene
Concen: 22.541 ug/l
RT: 13.458 min Scan# 1909
Delta R.T. -0.006 min
Lab File: VY016555.D
Acq: 01 Dec 2023 11:06

Tgt Ion:146 Resp: 68559
Ion Ratio Lower Upper
146 100
111 38.4 18.9 56.7
148 64.2 32.1 96.5





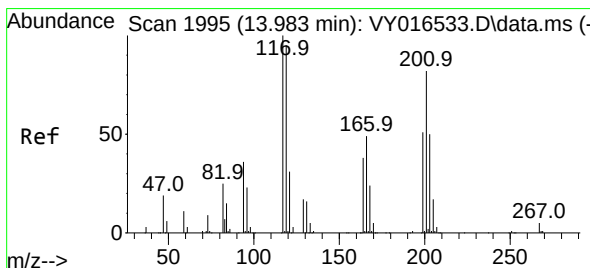
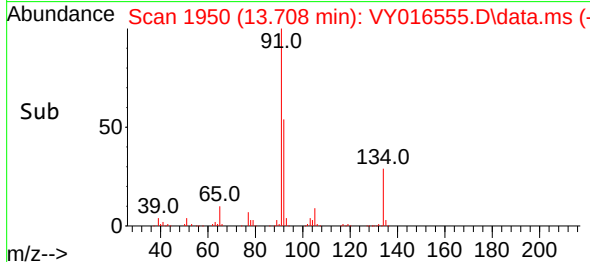
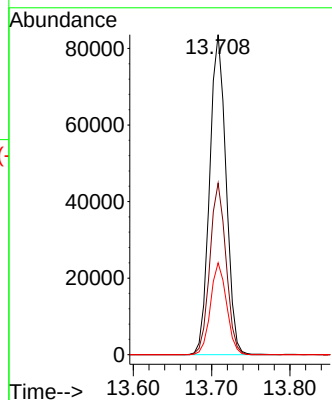
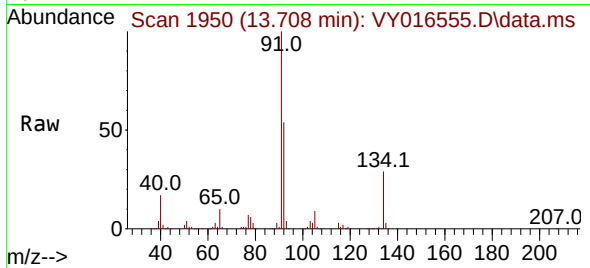
#89
n-Butylbenzene
Concen: 22.565 ug/l
RT: 13.708 min Scan# 1950
Delta R.T. -0.006 min
Lab File: VY016555.D
Acq: 01 Dec 2023 11:06

Instrument :
MSVOA_Y
ClientSampleId :
VY1201SBSD01

Tgt Ion: 91 Resp: 121184
Ion Ratio Lower Upper
91 100
92 52.9 25.4 76.0
134 28.1 12.6 37.6

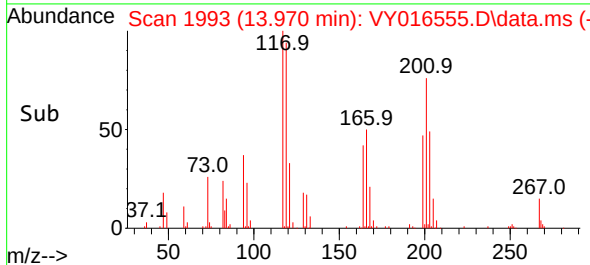
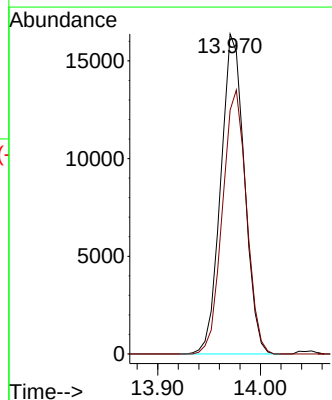
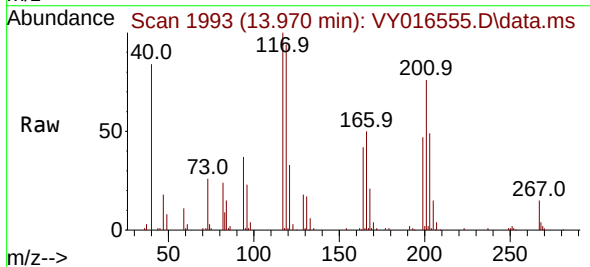
Manual Integrations
APPROVED

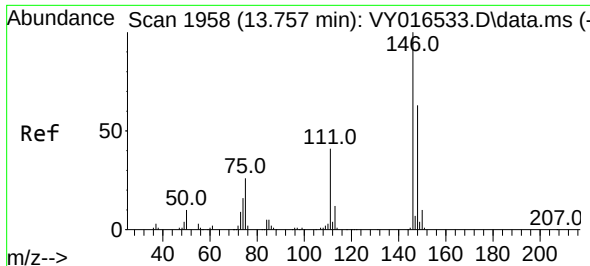
Reviewed By :John Carlone 12/04/2023
Supervised By :Semsettin Yesilyurt 12/04/2023



#90
Hexachloroethane
Concen: 21.926 ug/l
RT: 13.970 min Scan# 1993
Delta R.T. -0.012 min
Lab File: VY016555.D
Acq: 01 Dec 2023 11:06

Tgt Ion:117 Resp: 26211
Ion Ratio Lower Upper
117 100
201 83.4 41.6 124.8





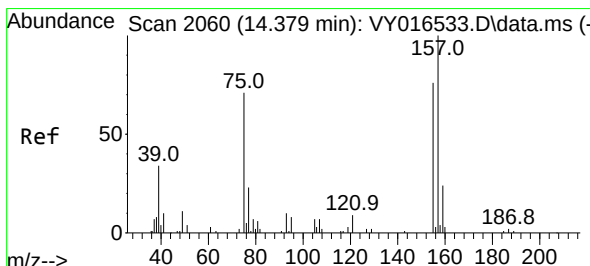
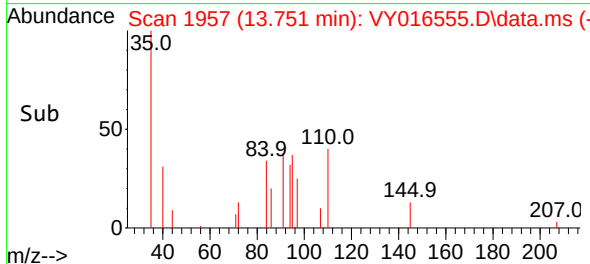
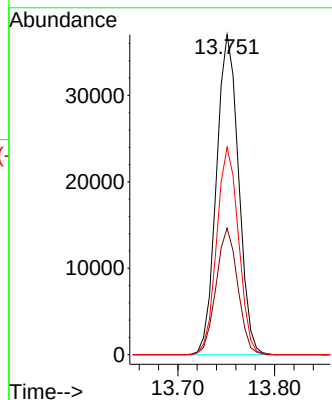
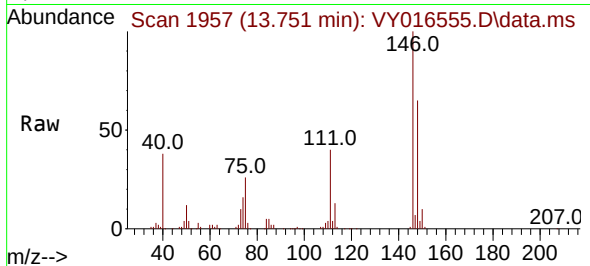
#91
1,2-Dichlorobenzene
Concen: 22.307 ug/l
RT: 13.751 min Scan# 1958
Delta R.T. -0.006 min
Lab File: VY016555.D
Acq: 01 Dec 2023 11:06

Instrument :
MSVOA_Y
ClientSampleId :
VY1201SBSD01

Tgt Ion:146 Resp: 5874
Ion Ratio Lower Upper
146 100
111 38.6 19.7 59.0
148 64.0 32.0 96.2

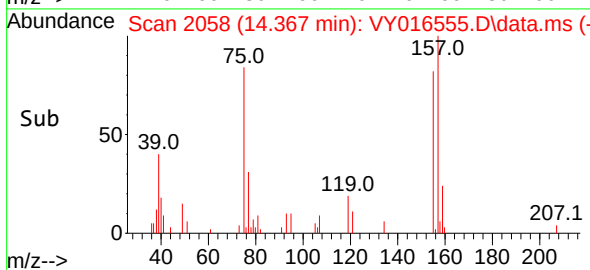
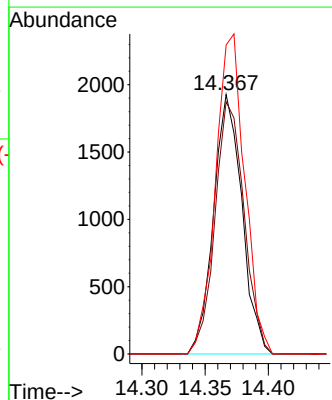
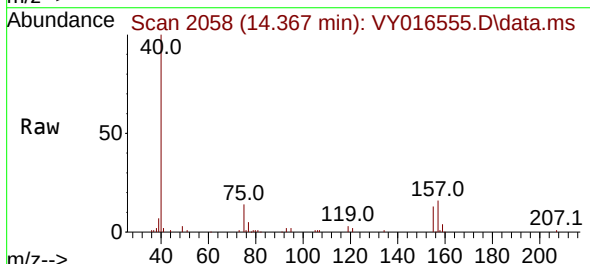
Manual Integrations
APPROVED

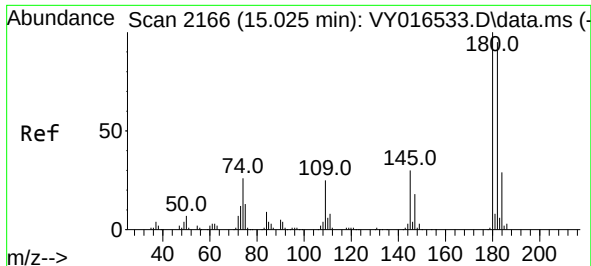
Reviewed By :John Carbone 12/04/2023
Supervised By :Semsettin Yesilyurt 12/04/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 20.367 ug/l
RT: 14.367 min Scan# 2058
Delta R.T. -0.012 min
Lab File: VY016555.D
Acq: 01 Dec 2023 11:06

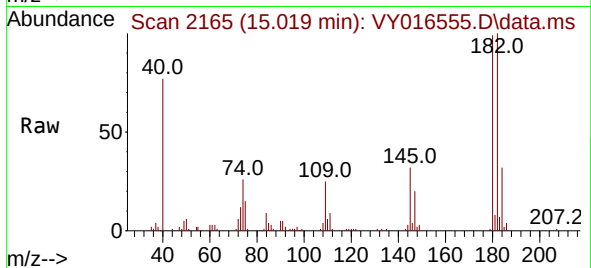
Tgt Ion: 75 Resp: 3006
Ion Ratio Lower Upper
75 100
155 99.7 41.5 124.6
157 126.5 51.8 155.5





#93
1,2,4-Trichlorobenzene
Concen: 21.505 ug/l
RT: 15.019 min Scan# 2166
Delta R.T. -0.006 min
Lab File: VY016555.D
Acq: 01 Dec 2023 11:06

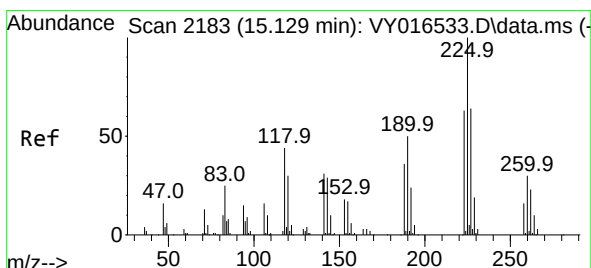
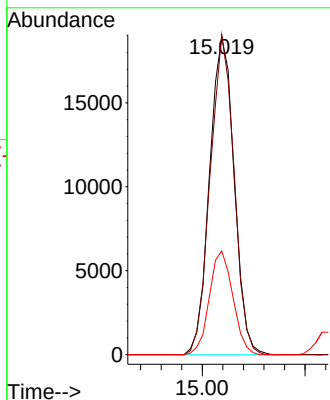
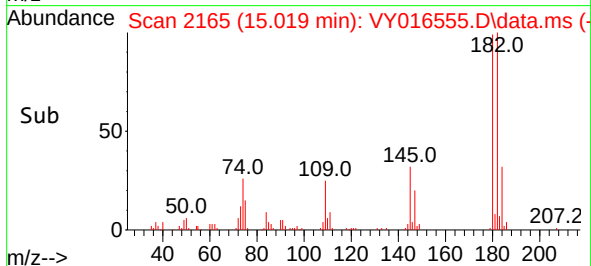
Instrument :
MSVOA_Y
ClientSampleId :
VY1201SBSD01



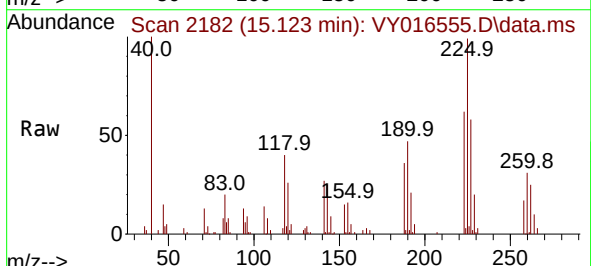
Tgt Ion:180 Resp: 31320
Ion Ratio Lower Upper
180 100
182 97.5 47.0 141.2
145 31.3 14.5 43.5

Manual Integrations
APPROVED

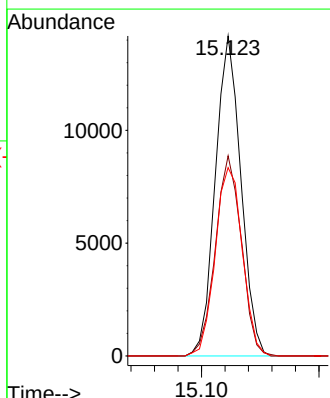
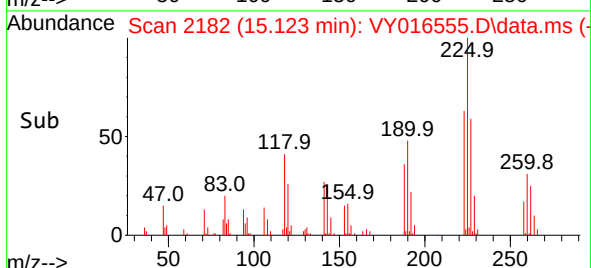
Reviewed By :John Carlone 12/04/2023
Supervised By :Semsettin Yesilyurt 12/04/2023

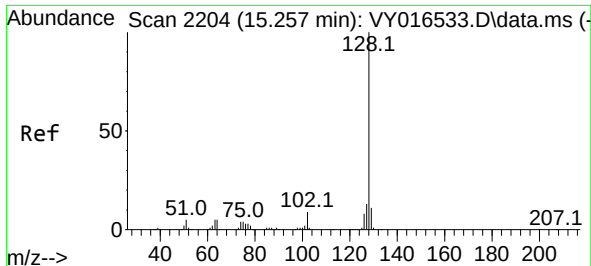


#94
Hexachlorobutadiene
Concen: 23.533 ug/l
RT: 15.123 min Scan# 2182
Delta R.T. -0.006 min
Lab File: VY016555.D
Acq: 01 Dec 2023 11:06



Tgt Ion:225 Resp: 21464
Ion Ratio Lower Upper
225 100
223 63.6 31.9 95.9
227 62.3 33.0 98.9





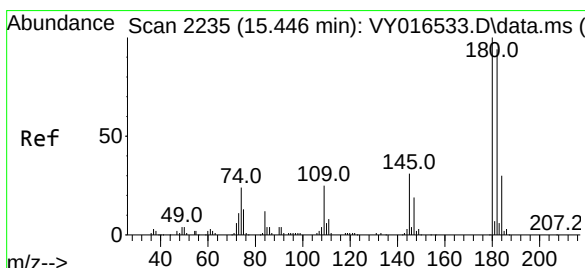
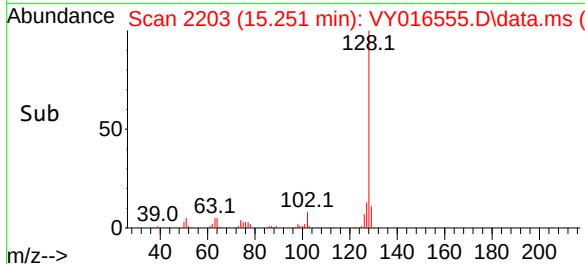
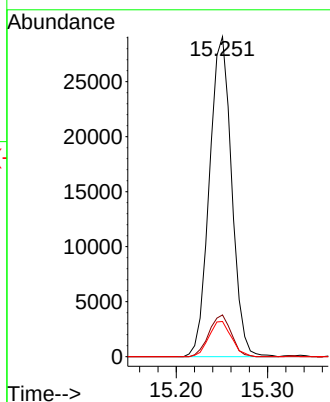
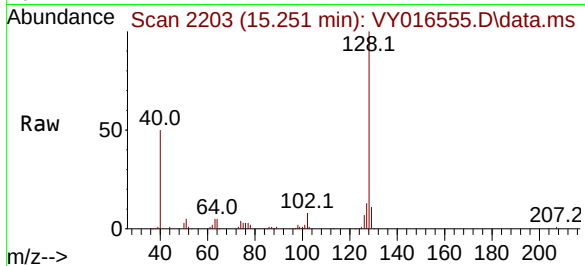
#95
Naphthalene
Concen: 20.346 ug/l
RT: 15.251 min Scan# 2203
Delta R.T. -0.006 min
Lab File: VY016555.D
Acq: 01 Dec 2023 11:06

Instrument :
MSVOA_Y
ClientSampleId :
VY1201SBSD01

Tgt Ion:128 Resp: 49130
Ion Ratio Lower Upper
128 100
127 13.1 10.8 16.2
129 11.2 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 12/04/2023
Supervised By :Semsettin Yesilyurt 12/04/2023



#96
1,2,3-Trichlorobenzene
Concen: 21.427 ug/l
RT: 15.434 min Scan# 2233
Delta R.T. -0.012 min
Lab File: VY016555.D
Acq: 01 Dec 2023 11:06

Tgt Ion:180 Resp: 24829
Ion Ratio Lower Upper
180 100
182 93.2 47.3 141.8
145 32.8 15.4 46.2

