

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121923\
 Data File : VY016697.D
 Acq On : 19 Dec 2023 15:24
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICSVY121923

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 12/20/2023
 Supervised By :Semsettin Yesilyurt 12/20/2023

Quant Time: Dec 20 06:34:33 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y121923S.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 20 05:26:40 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.807	168	194371	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.703	114	284450	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	245306	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	116098	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	75055	46.684	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	93.360%		
35) Dibromofluoromethane	7.734	113	79492	47.449	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	94.900%		
50) Toluene-d8	10.191	98	293982	48.454	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	96.900%		
62) 4-Bromofluorobenzene	12.489	95	80765	46.817	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	93.640%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.918	85	63746	46.083	ug/l	100
3) Chloromethane	2.125	50	118761	48.023	ug/l	99
4) Vinyl Chloride	2.265	62	161288	42.965	ug/l	98
5) Bromomethane	2.668	94	140145	43.027	ug/l	100
6) Chloroethane	2.814	64	116335	41.402	ug/l	95
7) Trichlorofluoromethane	3.149	101	145143	44.112	ug/l	98
8) Diethyl Ether	3.552	74	40942	46.484	ug/l	90
9) 1,1,2-Trichlorotrifluo...	3.930	101	79847	44.729	ug/l	96
10) Methyl Iodide	4.119	142	97350	48.021	ug/l	97
11) Tert butyl alcohol	4.984	59	25321	251.500	ug/l	100
12) 1,1-Dichloroethene	3.893	96	74236	45.851	ug/l	98
13) Acrolein	3.753	56	20313	249.197	ug/l	97
14) Allyl chloride	4.509	41	91589	45.304	ug/l #	85
15) Acrylonitrile	5.192	53	80697	228.851	ug/l	97
16) Acetone	3.966	43	77012	237.689	ug/l	97
17) Carbon Disulfide	4.222	76	201400	46.479	ug/l	100
18) Methyl Acetate	4.503	43	67748	48.633	ug/l	98
19) Methyl tert-butyl Ether	5.247	73	186581	47.705	ug/l	99
20) Methylene Chloride	4.747	84	89929	51.444	ug/l	99
21) trans-1,2-Dichloroethene	5.247	96	84610	46.207	ug/l	98
22) Diisopropyl ether	6.143	45	217646	47.036	ug/l	98
23) Vinyl Acetate	6.082	43	530714	234.554	ug/l	100
24) 1,1-Dichloroethane	6.039	63	145137	45.547	ug/l	100
25) 2-Butanone	7.002	43	105271	241.342	ug/l	99
26) 2,2-Dichloropropane	7.002	77	136058	47.016	ug/l	97
27) cis-1,2-Dichloroethene	7.009	96	96695	46.721	ug/l	95
28) Bromochloromethane	7.356	49	56840	49.122	ug/l	93
29) Tetrahydrofuran	7.362	42	62813	241.318	ug/l	97
30) Chloroform	7.527	83	156292	45.715	ug/l	99
31) Cyclohexane	7.801	56	114800	43.626	ug/l	99
32) 1,1,1-Trichloroethane	7.722	97	142125	46.818	ug/l	97
36) 1,1-Dichloropropene	7.935	75	118750	46.860	ug/l	98
37) Ethyl Acetate	7.094	43	44543	45.893	ug/l	96
38) Carbon Tetrachloride	7.923	117	126837	46.387	ug/l	99
39) Methylcyclohexane	9.197	83	136212	46.685	ug/l	98
40) Benzene	8.179	78	338416	46.480	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.332	41	22090m	42.853	ug/l	
42) 1,2-Dichloroethane	8.252	62	95212	46.213	ug/l	96
43) Isopropyl Acetate	8.283	43	88567	47.510	ug/l	98
44) Trichloroethene	8.953	130	94098	46.963	ug/l	99
45) 1,2-Dichloropropane	9.228	63	81807	47.008	ug/l	99
46) Dibromomethane	9.319	93	46512	47.329	ug/l	100
47) Bromodichloromethane	9.508	83	119445	46.550	ug/l	99
48) Methyl methacrylate	9.301	41	49995	49.430	ug/l #	89
49) 1,4-Dioxane	9.313	88	9994	1104.538	ug/l #	81
51) 4-Methyl-2-Pentanone	10.081	43	238005	248.748	ug/l	96
52) Toluene	10.252	92	211849	47.555	ug/l	97
53) t-1,3-Dichloropropene	10.477	75	113867	49.561	ug/l	99
54) cis-1,3-Dichloropropene	9.941	75	132410	48.639	ug/l	93
55) 1,1,2-Trichloroethane	10.654	97	63200	46.555	ug/l	100
56) Ethyl methacrylate	10.520	69	56611	51.246	ug/l #	91
57) 1,3-Dichloropropane	10.801	76	106241	47.429	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.795	63	193774	253.896	ug/l	96
59) 2-Hexanone	10.843	43	168467	241.668	ug/l	96
60) Dibromochloromethane	10.996	129	80991	49.138	ug/l	99
61) 1,2-Dibromoethane	11.099	107	58787	48.082	ug/l	99
64) Tetrachloroethene	10.727	164	78682	46.500	ug/l	96
65) Chlorobenzene	11.526	112	226813	46.689	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.599	131	87792	46.648	ug/l	98
67) Ethyl Benzene	11.605	91	411554	47.421	ug/l	99
68) m/p-Xylenes	11.715	106	312335	94.942	ug/l	99
69) o-Xylene	12.038	106	145733	48.493	ug/l	99
70) Styrene	12.056	104	210605	48.533	ug/l	99
71) Bromoform	12.221	173	46853	48.066	ug/l #	99
73) Isopropylbenzene	12.343	105	387765	48.306	ug/l	100
74) N-amyl acetate	12.154	43	72050	49.603	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.593	83	69974	46.847	ug/l	99
76) 1,2,3-Trichloropropane	12.642	75	47297m	46.866	ug/l	
77) Bromobenzene	12.617	156	92157	47.614	ug/l	98
78) n-propylbenzene	12.684	91	455524	47.866	ug/l	99
79) 2-Chlorotoluene	12.770	91	242034	47.479	ug/l	99
80) 1,3,5-Trimethylbenzene	12.825	105	304176	48.356	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.392	75	22177	50.419	ug/l	91
82) 4-Chlorotoluene	12.867	91	251297	47.673	ug/l	98
83) tert-Butylbenzene	13.087	119	274684	48.528	ug/l	98
84) 1,2,4-Trimethylbenzene	13.129	105	308865	48.985	ug/l	100
85) sec-Butylbenzene	13.263	105	395746	48.482	ug/l	99
86) p-Isopropyltoluene	13.379	119	346822	48.599	ug/l	99
87) 1,3-Dichlorobenzene	13.379	146	179866	46.961	ug/l	99
88) 1,4-Dichlorobenzene	13.459	146	174235	47.484	ug/l	99
89) n-Butylbenzene	13.709	91	316599	48.531	ug/l	97
90) Hexachloroethane	13.971	117	67594	47.526	ug/l	100
91) 1,2-Dichlorobenzene	13.751	146	151363	48.103	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.367	75	9296	47.467	ug/l	97
93) 1,2,4-Trichlorobenzene	15.019	180	96080	51.081	ug/l	98
94) Hexachlorobutadiene	15.123	225	56434	47.471	ug/l	99
95) Naphthalene	15.251	128	161024	53.480	ug/l	99
96) 1,2,3-Trichlorobenzene	15.440	180	79982	50.275	ug/l	97

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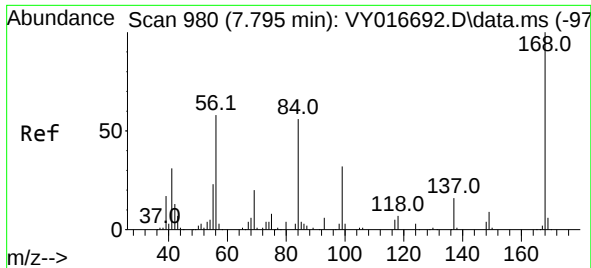
Manual Integrations
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



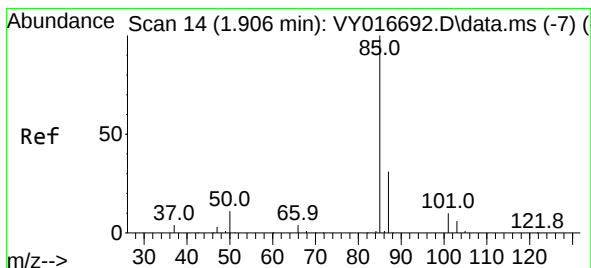
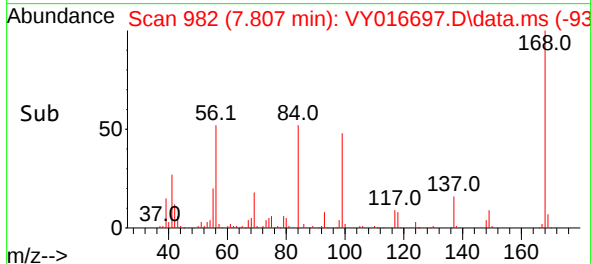
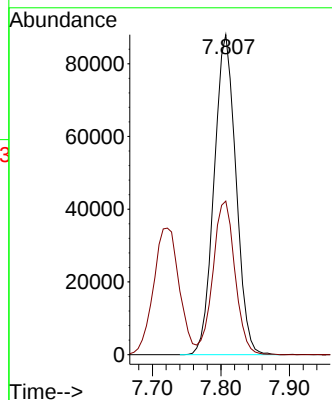
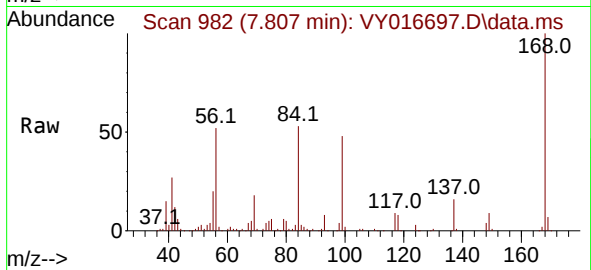
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.807 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY016697.D
Acq: 19 Dec 2023 15:24

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MSVOA_Y
ClientSampleId :
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Tgt Ion:168 Resp: 19437
Ion Ratio Lower Upper
168 100
99 48.0 40.2 60.4

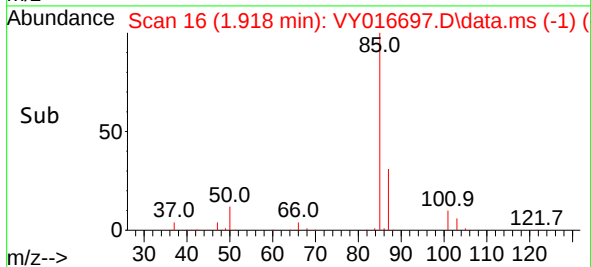
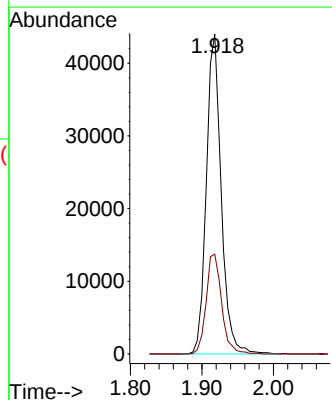
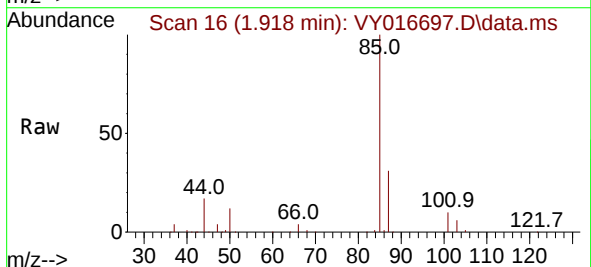
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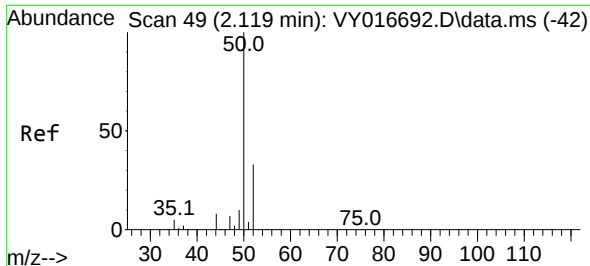
Reviewed By :Mahesh Dadoda 12/20/2023
Supervised By :Semsettin Yesilyurt 12/20/2023



#2
Dichlorodifluoromethane
Concen: 46.083 ug/l
RT: 1.918 min Scan# 16
Delta R.T. 0.012 min
Lab File: VY016697.D
Acq: 19 Dec 2023 15:24

Tgt Ion: 85 Resp: 63746
Ion Ratio Lower Upper
85 100
87 31.2 15.6 46.8





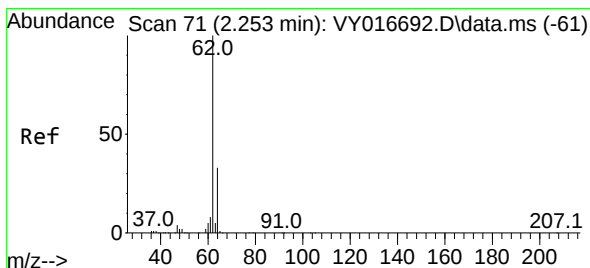
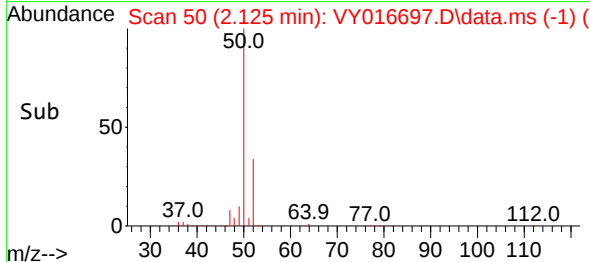
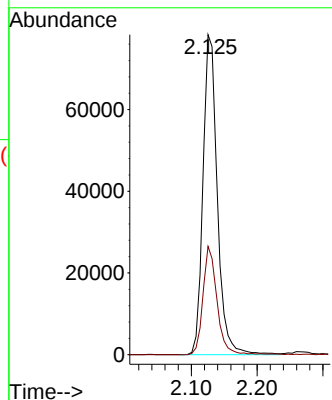
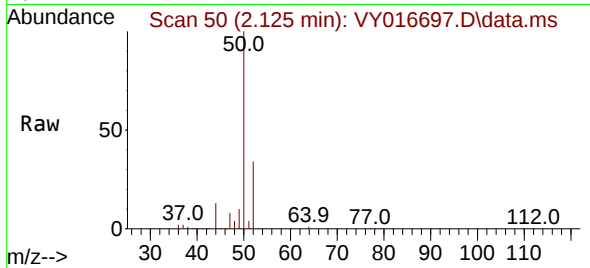
#3
Chloromethane
Concen: 48.023 ug/l
RT: 2.125 min Scan# 50
Delta R.T. 0.006 min
Lab File: VY016697.D
Acq: 19 Dec 2023 15:24

Instrument :
MSVOA_Y
ClientSampleId :
ICVY121923

Tgt Ion: 50 Resp: 11876
Ion Ratio Lower Upper
50 100
52 33.9 26.6 40.0

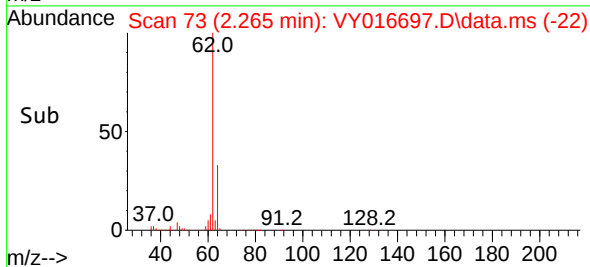
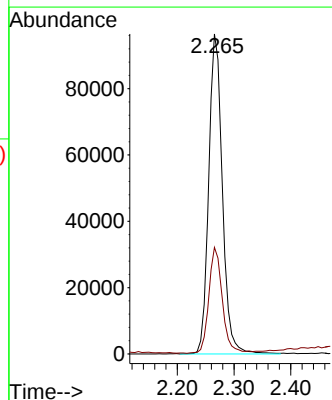
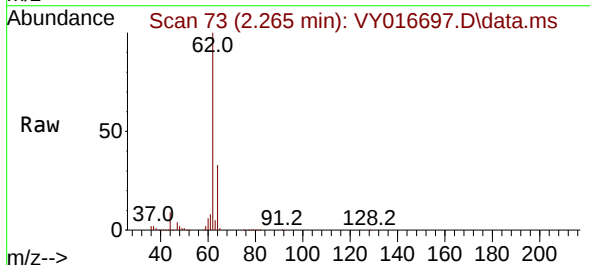
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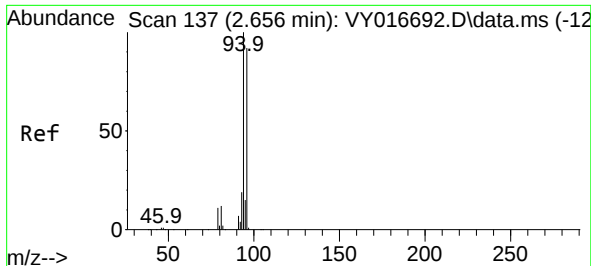
Reviewed By :Mahesh Dadoda 12/20/2023
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#4
Vinyl Chloride
Concen: 42.965 ug/l
RT: 2.265 min Scan# 73
Delta R.T. 0.012 min
Lab File: VY016697.D
Acq: 19 Dec 2023 15:24

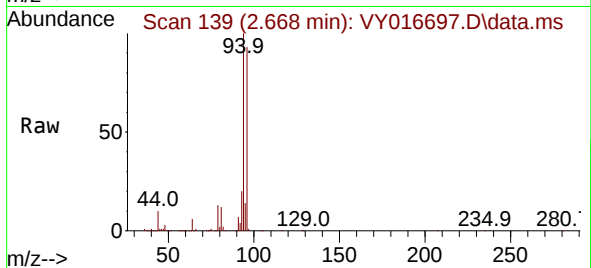
Tgt Ion: 62 Resp: 161288
Ion Ratio Lower Upper
62 100
64 33.0 25.4 38.2





#5
Bromomethane
Concen: 43.027 ug/l
RT: 2.668 min Scan# 137
Delta R.T. 0.012 min
Lab File: VY016697.D
Acq: 19 Dec 2023 15:24

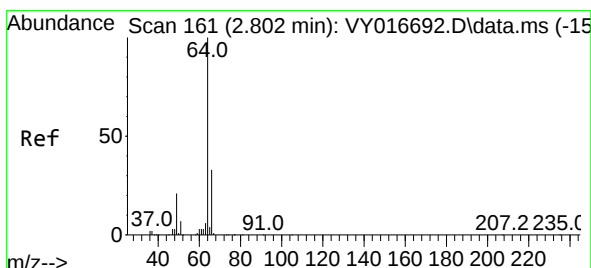
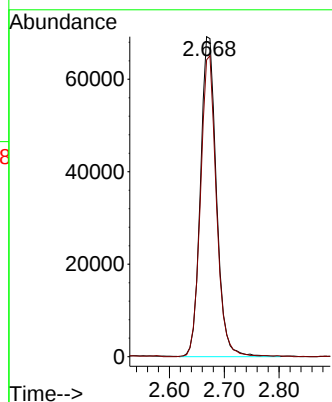
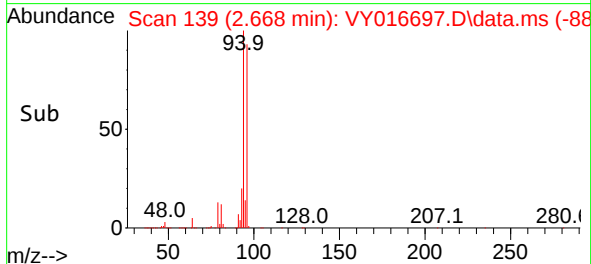
Instrument :
MSVOA_Y
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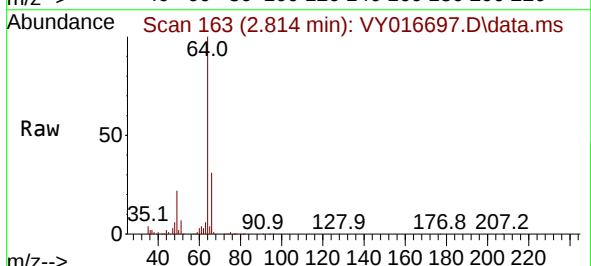
Tgt Ion: 94 Resp: 140145
Ion Ratio Lower Upper
94 100
96 92.6 74.0 111.0

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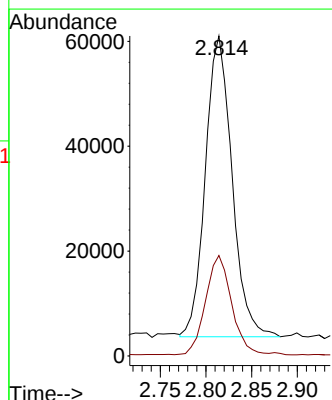
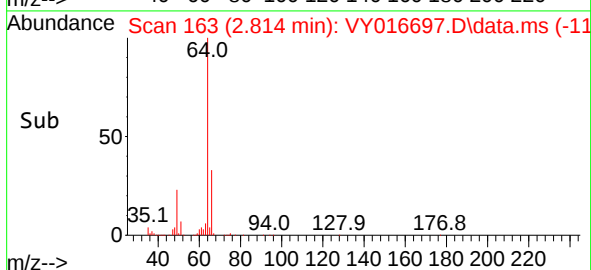
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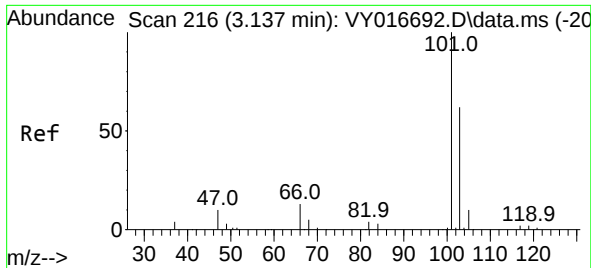


#6
Chloroethane
Concen: 41.402 ug/l
RT: 2.814 min Scan# 163
Delta R.T. 0.012 min
Lab File: VY016697.D
Acq: 19 Dec 2023 15:24



Tgt Ion: 64 Resp: 116335
Ion Ratio Lower Upper
64 100
66 32.9 24.0 36.0





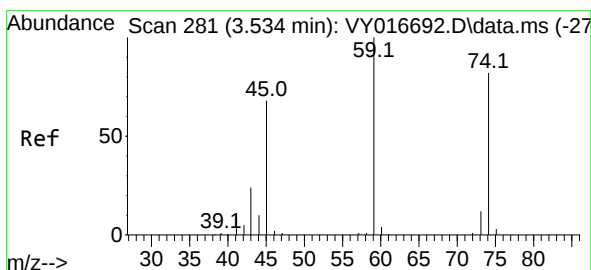
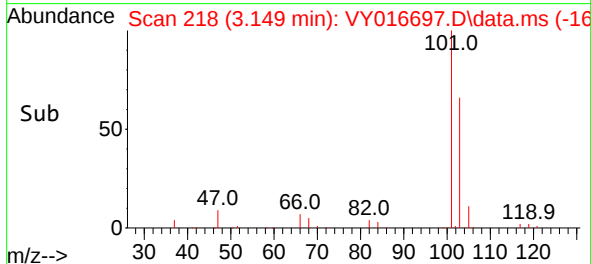
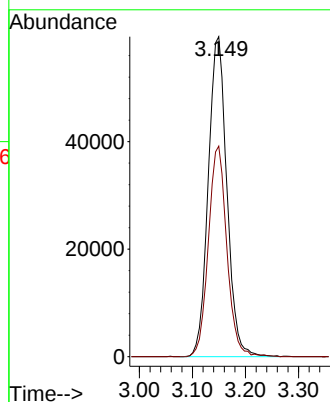
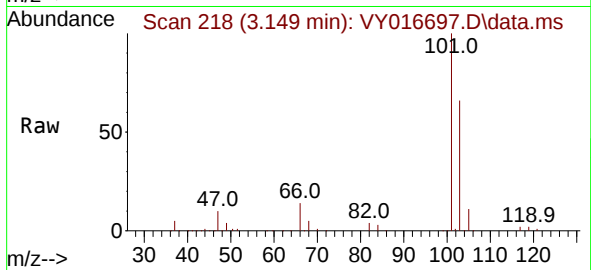
#7
 Trichlorofluoromethane
 Concen: 44.112 ug/l
 RT: 3.149 min Scan# 216
 Delta R.T. 0.012 min
 Lab File: VY016697.D
 Acq: 19 Dec 2023 15:24

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY121923

Tgt Ion:101 Resp: 14514
 Ion Ratio Lower Upper
 101 100
 103 65.8 51.7 77.5

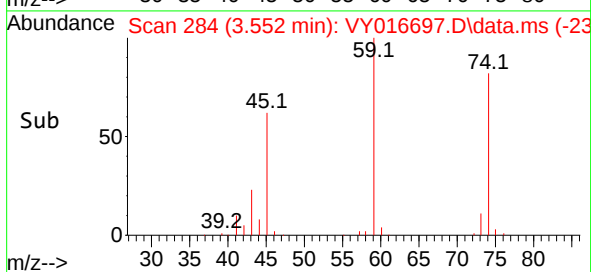
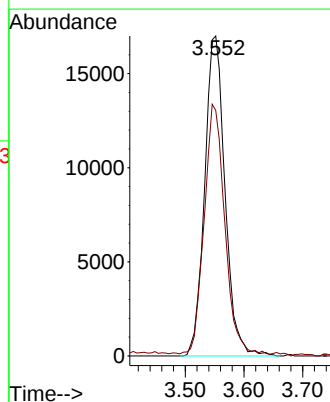
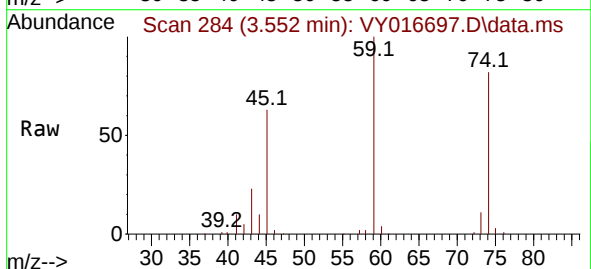
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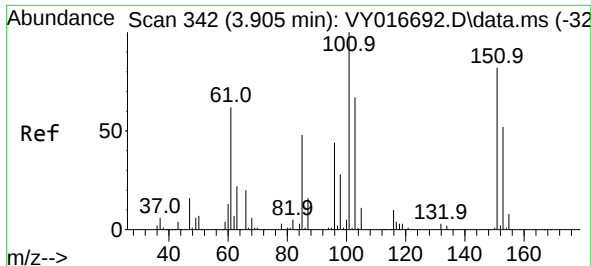
Reviewed By :Mahesh Dadoda 12/20/2023
 Supervised By :Semsettin Yesilyurt 12/20/2023



#8
 Diethyl Ether
 Concen: 46.484 ug/l
 RT: 3.552 min Scan# 284
 Delta R.T. 0.018 min
 Lab File: VY016697.D
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Tgt Ion: 74 Resp: 40942
 Ion Ratio Lower Upper
 74 100
 45 78.9 44.3 132.9





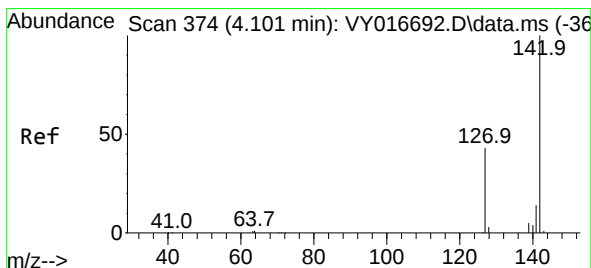
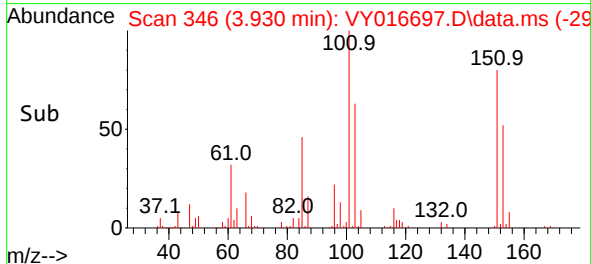
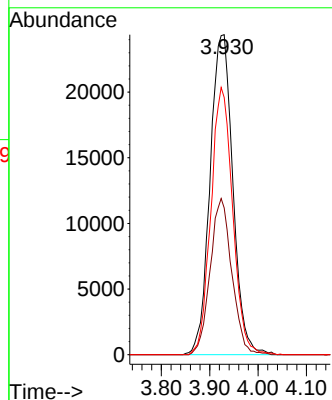
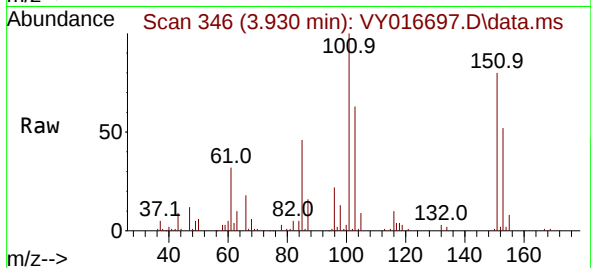
#9
1,1,2-Trichlorotrifluoroethane
Concen: 44.729 ug/l
RT: 3.930 min Scan# 34
Delta R.T. 0.024 min
Lab File: VY016697.D
Acq: 19 Dec 2023 15:24

Instrument :
MSVOA_Y
ClientSampleId :
ICVY121923

Tgt Ion:101 Resp: 7984
Ion Ratio Lower Upper
101 100
85 46.3 35.0 52.4
151 79.9 61.0 91.4

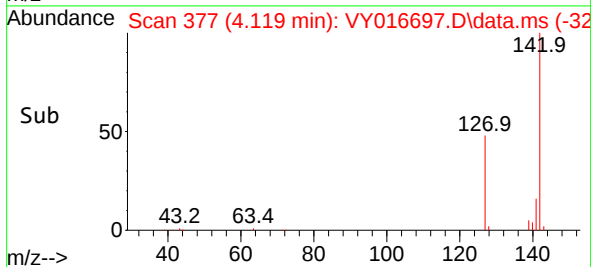
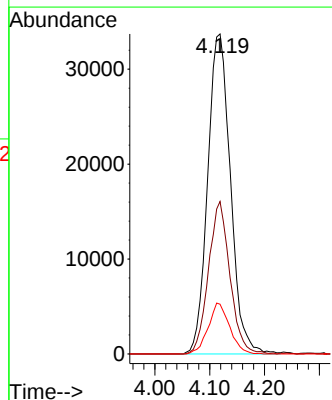
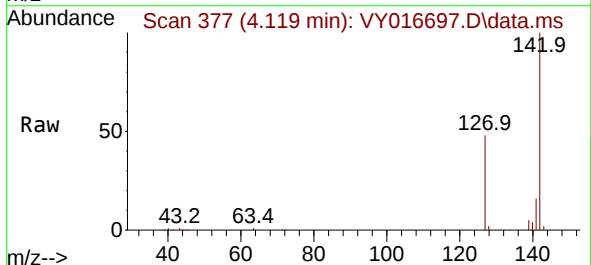
Manual Integrations
APPROVED

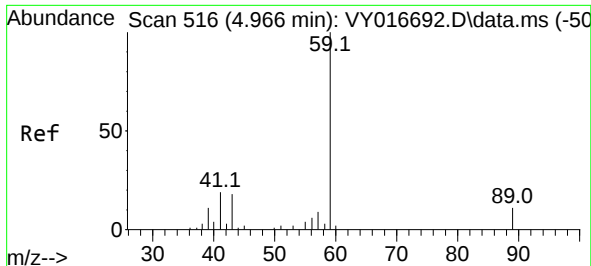
Reviewed By :Mahesh Dadoda 12/20/2023
Supervised By :Semsettin Yesilyurt 12/20/2023



#10
Methyl Iodide
Concen: 48.021 ug/l
RT: 4.119 min Scan# 377
Delta R.T. 0.018 min
Lab File: VY016697.D
Acq: 19 Dec 2023 15:24

Tgt Ion:142 Resp: 97350
Ion Ratio Lower Upper
142 100
127 44.8 33.6 50.4
141 15.0 12.0 18.0





#11

Tert butyl alcohol

Concen: 251.500 ug/l

RT: 4.984 min Scan# 516

Delta R.T. 0.018 min

Lab File: VY016697.D

Acq: 19 Dec 2023 15:24

Instrument :

MSVOA_Y

ClientSampleId :

ICVY121923

Tgt Ion: 59 Resp: 2532

Ion Ratio Lower Upper

59 100

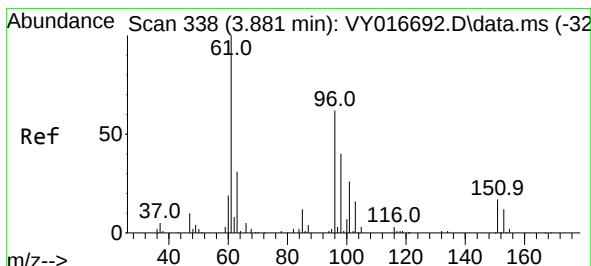
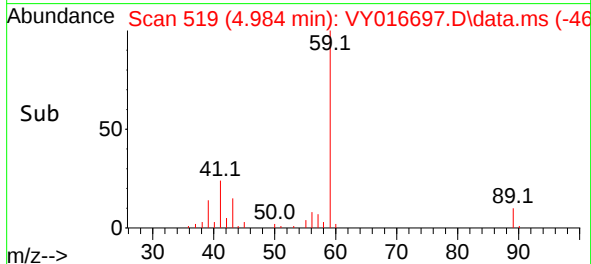
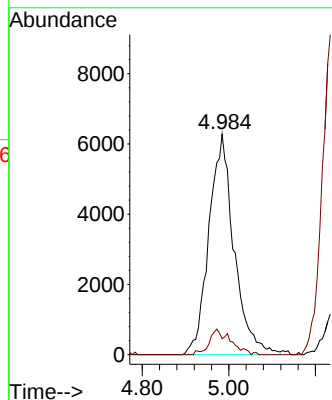
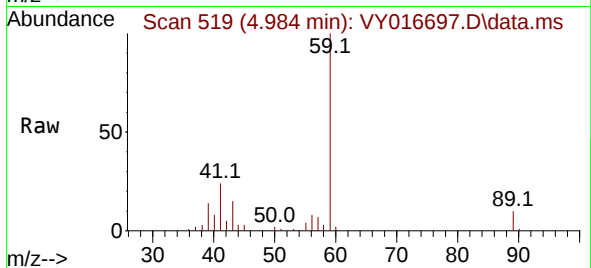
57 9.8 7.9 11.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/20/2023

Supervised By :Semsettin Yesilyurt 12/20/2023



#12

1,1-Dichloroethene

Concen: 45.851 ug/l

RT: 3.893 min Scan# 340

Delta R.T. 0.012 min

Lab File: VY016697.D

Acq: 19 Dec 2023 15:24

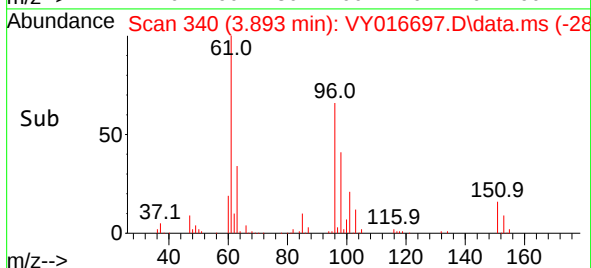
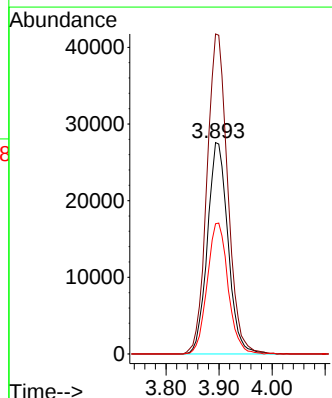
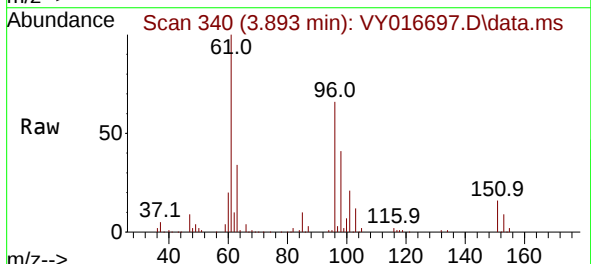
Tgt Ion: 96 Resp: 74236

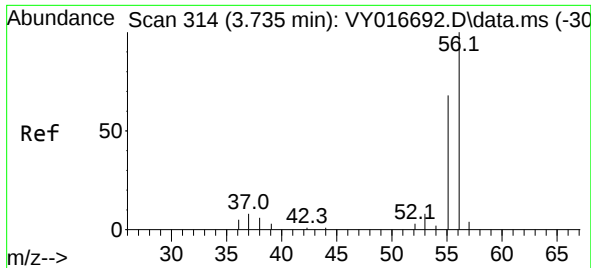
Ion Ratio Lower Upper

96 100

61 151.4 123.9 185.9

98 61.6 50.1 75.1





#13

Acrolein

Concen: 249.197 ug/l

RT: 3.753 min Scan# 314

Delta R.T. 0.018 min

Lab File: VY016697.D

Acq: 19 Dec 2023 15:24

Instrument :

MSVOA_Y

ClientSampleId :

ICVY121923

Tgt Ion: 56 Resp: 2031

Ion Ratio Lower Upper

56 100

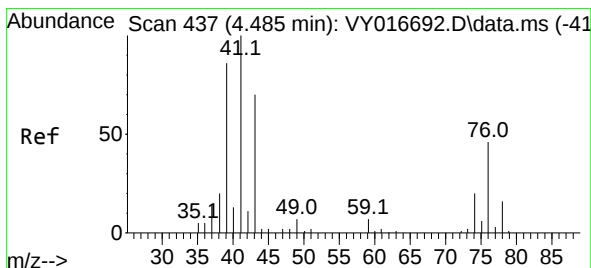
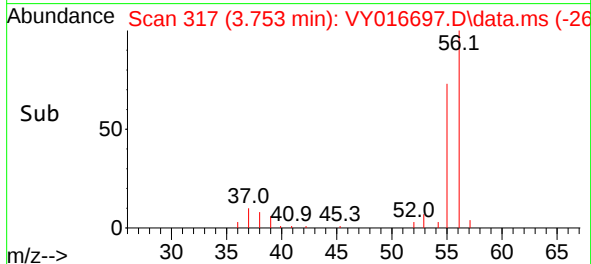
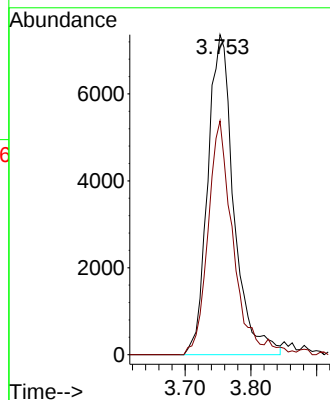
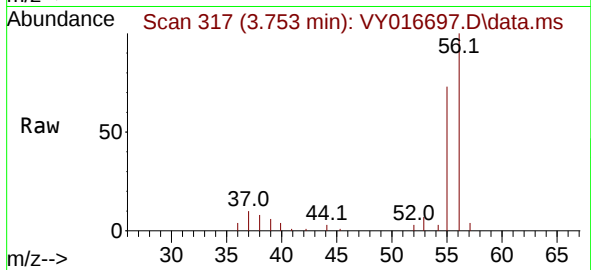
55 68.2 56.5 84.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/20/2023

Supervised By :Semsettin Yesilyurt 12/20/2023



#14

Allyl chloride

Concen: 45.304 ug/l

RT: 4.509 min Scan# 441

Delta R.T. 0.024 min

Lab File: VY016697.D

Acq: 19 Dec 2023 15:24

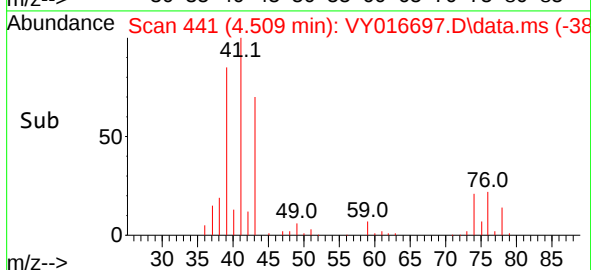
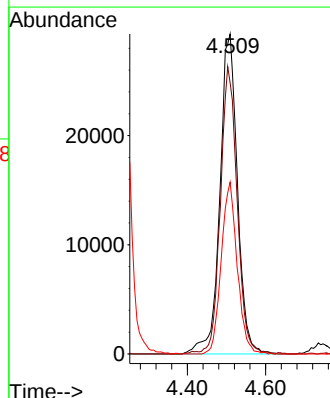
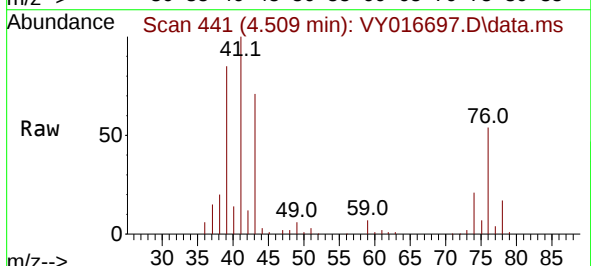
Tgt Ion: 41 Resp: 91589

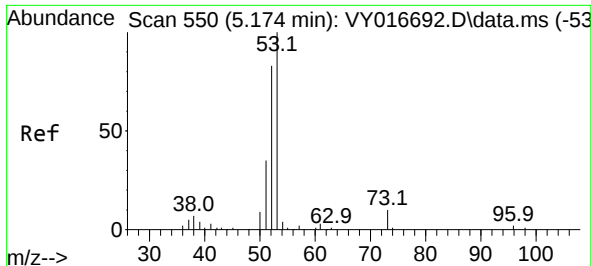
Ion Ratio Lower Upper

41 100

39 85.4 56.4 84.6

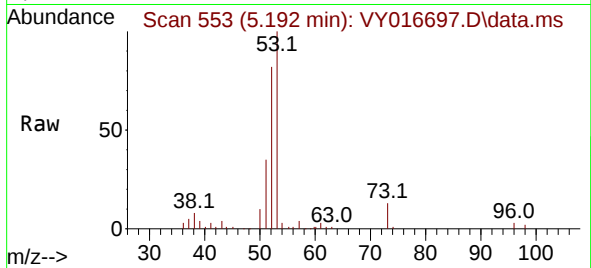
76 48.8 34.3 51.5





#15
Acrylonitrile
Concen: 228.851 ug/l
RT: 5.192 min Scan# 51
Delta R.T. 0.018 min
Lab File: VY016697.D
Acq: 19 Dec 2023 15:24

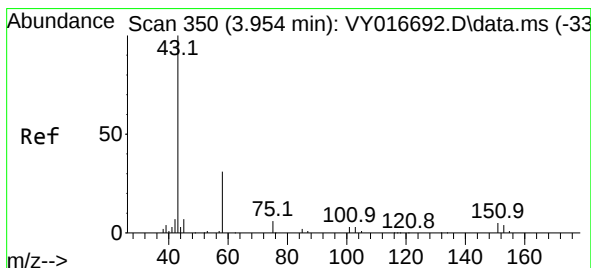
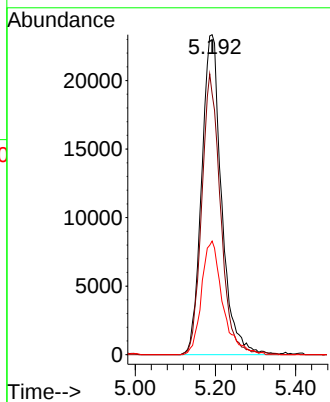
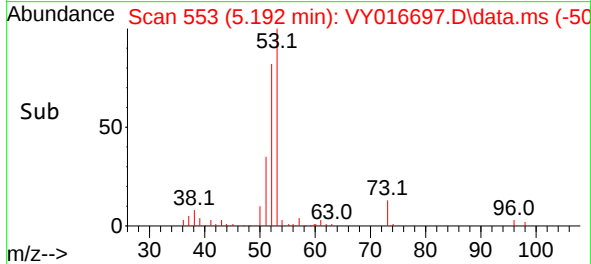
Instrument :
MSVOA_Y
ClientSampleId :
ICVY121923



Tgt Ion: 53 Resp: 8069
Ion Ratio Lower Upper
53 100
52 82.3 64.3 96.5
51 37.7 28.3 42.5

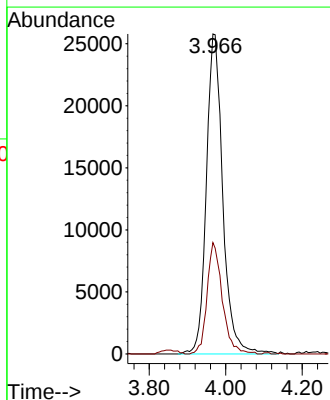
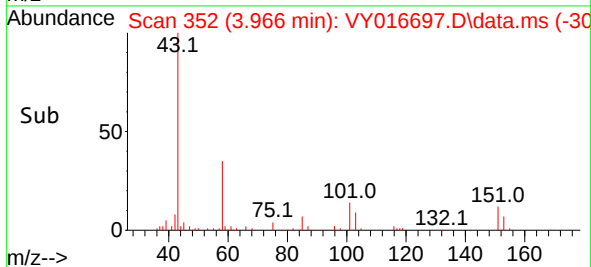
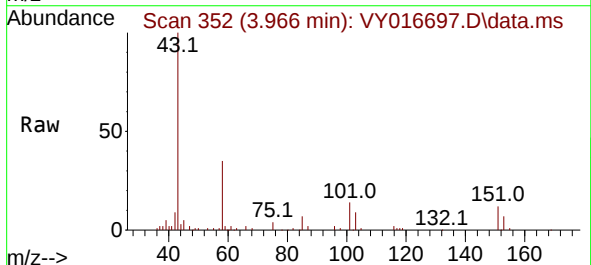
Manual Integrations
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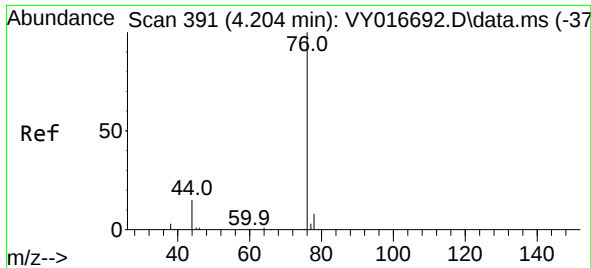
Reviewed By :Mahesh Dadoda 12/20/2023
Supervised By :Semsettin Yesilyurt 12/20/2023



#16
Acetone
Concen: 237.689 ug/l
RT: 3.966 min Scan# 352
Delta R.T. 0.012 min
Lab File: VY016697.D
Acq: 19 Dec 2023 15:24

Tgt Ion: 43 Resp: 77012
Ion Ratio Lower Upper
43 100
58 34.6 29.0 43.4





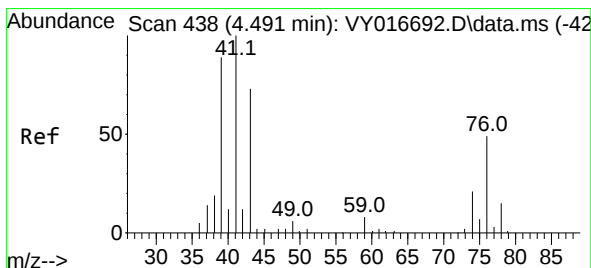
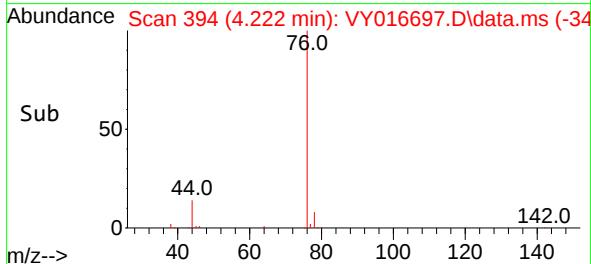
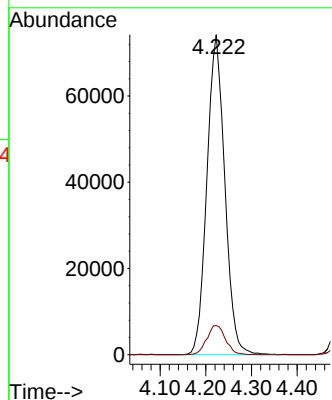
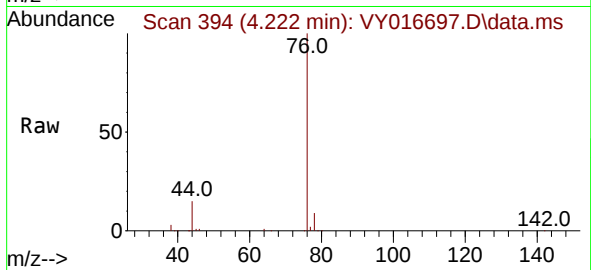
#17
Carbon Disulfide
Concen: 46.479 ug/l
RT: 4.222 min Scan# 391
Delta R.T. 0.018 min
Lab File: VY016697.D
Acq: 19 Dec 2023 15:24

Instrument :
MSVOA_Y
ClientSampleId :
ICVY121923

Tgt Ion: 76 Resp: 201400
Ion Ratio Lower Upper
76 100
78 9.1 7.3 10.9

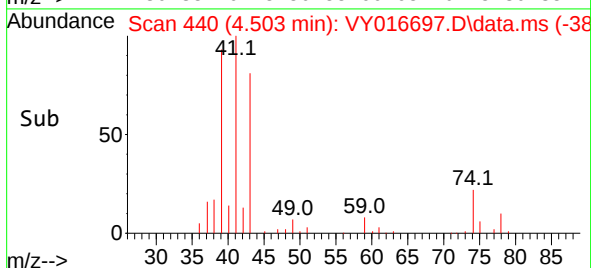
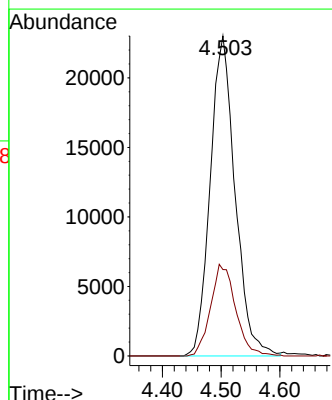
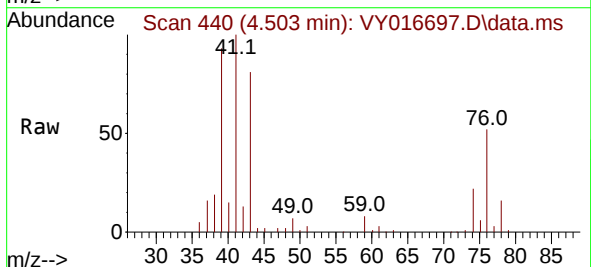
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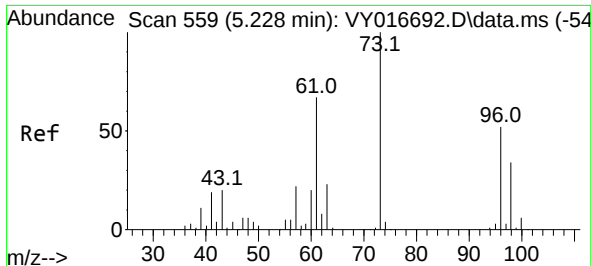
Reviewed By :Mahesh Dadoda 12/20/2023
Supervised By :Semsettin Yesilyurt 12/20/2023



#18
Methyl Acetate
Concen: 48.633 ug/l
RT: 4.503 min Scan# 440
Delta R.T. 0.012 min
Lab File: VY016697.D
Acq: 19 Dec 2023 15:24

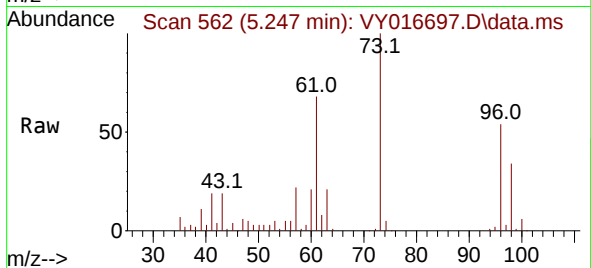
Tgt Ion: 43 Resp: 67748
Ion Ratio Lower Upper
43 100
74 28.8 22.1 33.1





#19
Methyl tert-butyl Ether
Concen: 47.705 ug/l
RT: 5.247 min Scan# 50
Delta R.T. 0.018 min
Lab File: VY016697.D
Acq: 19 Dec 2023 15:24

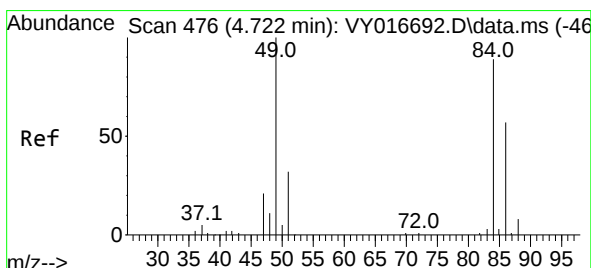
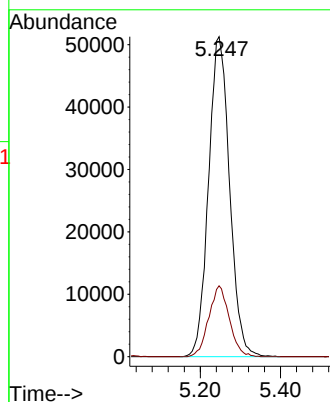
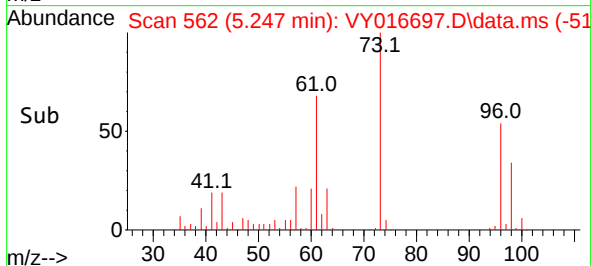
Instrument :
MSVOA_Y
ClientSampleId :
ICVY121923



Tgt Ion: 73 Resp: 18658
Ion Ratio Lower Upper
73 100
57 22.1 17.9 26.9

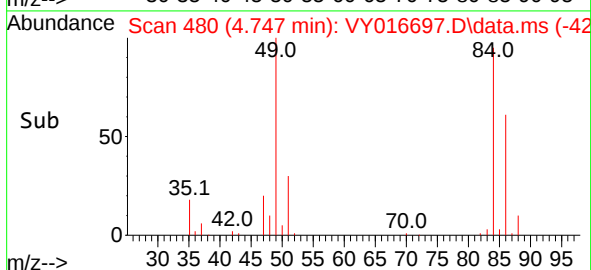
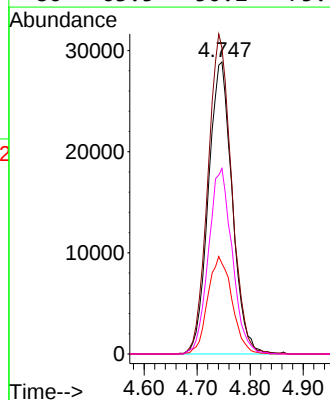
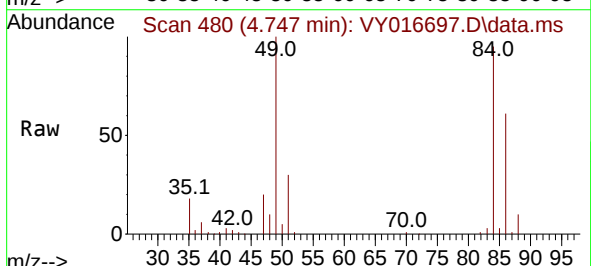
Manual Integrations
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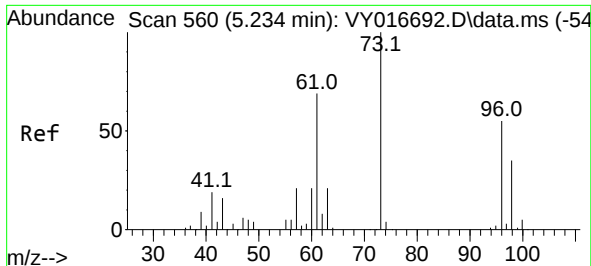
Reviewed By :Mahesh Dadoda 12/20/2023
Supervised By :Semsettin Yesilyurt 12/20/2023



#20
Methylene Chloride
Concen: 51.444 ug/l
RT: 4.747 min Scan# 480
Delta R.T. 0.025 min
Lab File: VY016697.D
Acq: 19 Dec 2023 15:24

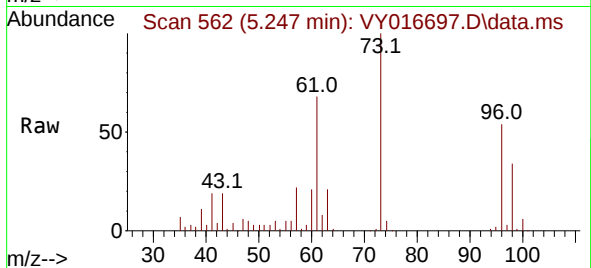
Tgt Ion: 84 Resp: 89929
Ion Ratio Lower Upper
84 100
49 104.5 83.8 125.8
51 31.0 27.2 40.8
86 63.5 50.2 75.4





#21
trans-1,2-Dichloroethene
Concen: 46.207 ug/l
RT: 5.247 min Scan# 509
Delta R.T. 0.012 min
Lab File: VY016697.D
Acq: 19 Dec 2023 15:24

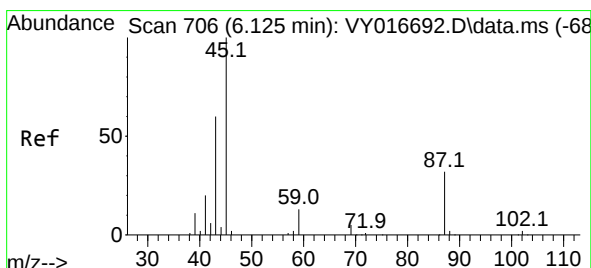
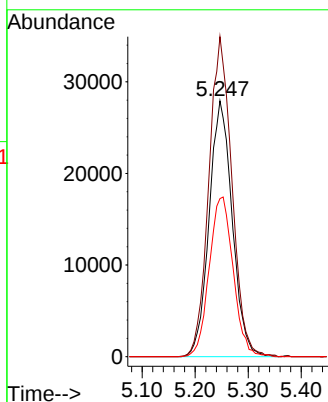
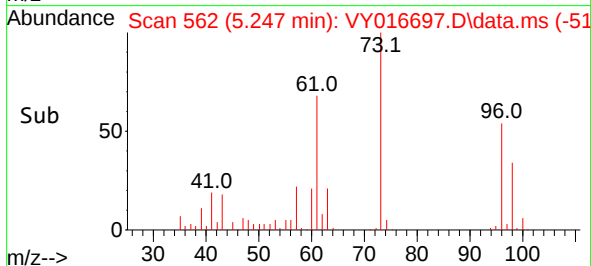
Instrument :
MSVOA_Y
ClientSampleId :
ICVY121923



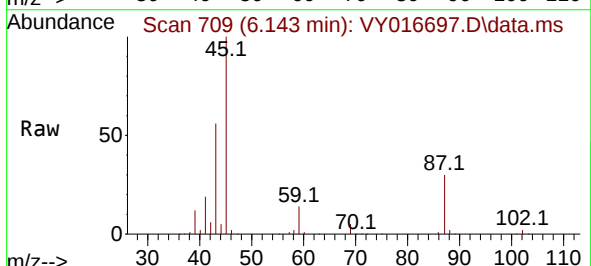
Tgt Ion: 96 Resp: 84610
Ion Ratio Lower Upper
96 100
61 125.1 100.0 150.0
98 61.8 52.2 78.2

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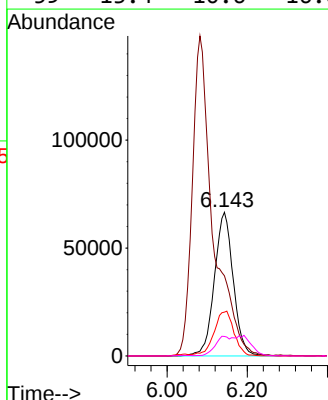
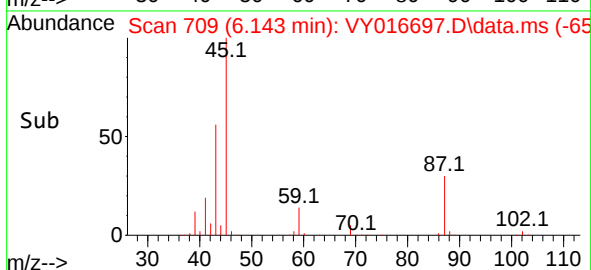
Reviewed By :Mahesh Dadoda 12/20/2023
Supervised By :Semsettin Yesilyurt 12/20/2023

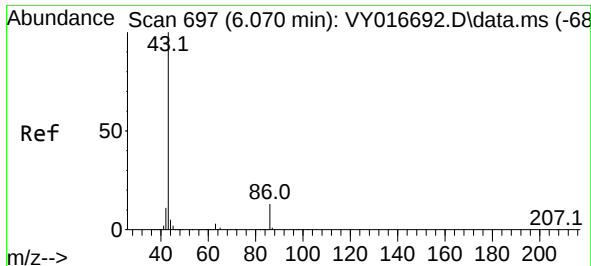


#22
Diisopropyl ether
Concen: 47.036 ug/l
RT: 6.143 min Scan# 709
Delta R.T. 0.018 min
Lab File: VY016697.D
Acq: 19 Dec 2023 15:24



Tgt Ion: 45 Resp: 217646
Ion Ratio Lower Upper
45 100
43 55.2 42.4 63.6
87 30.5 25.0 37.4
59 13.4 10.6 16.0





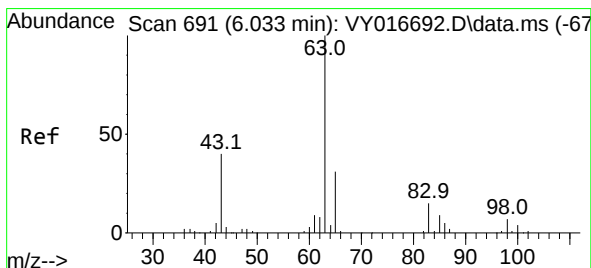
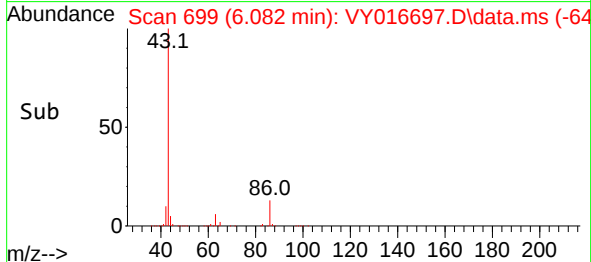
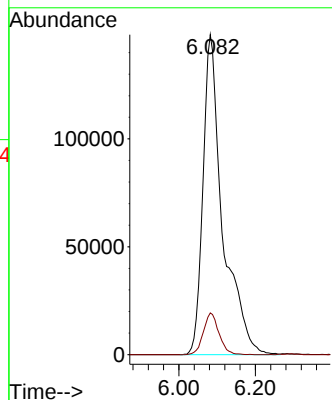
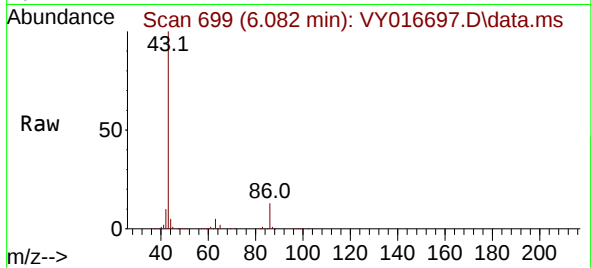
#23
 Vinyl Acetate
 Concen: 234.554 ug/l
 RT: 6.082 min Scan# 699
 Delta R.T. 0.012 min
 Lab File: VY016697.D
 Acq: 19 Dec 2023 15:24

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY121923

Tgt Ion: 43 Resp: 530714
 Ion Ratio Lower Upper
 43 100
 86 13.1 10.3 15.5

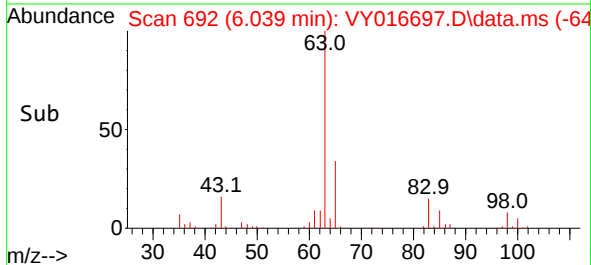
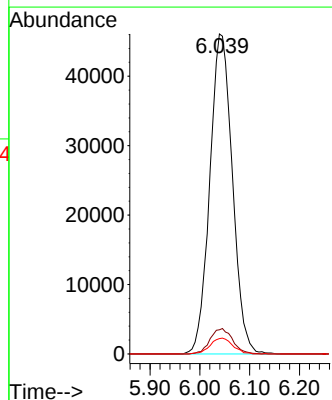
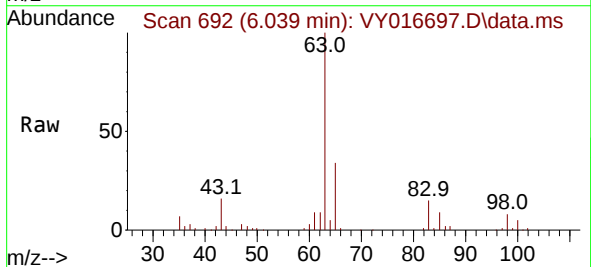
Manual Integrations
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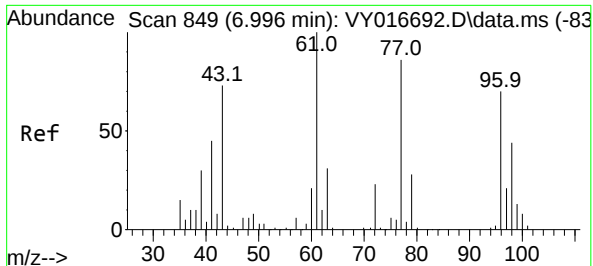
Reviewed By :Mahesh Dadoda 12/20/2023
 Supervised By :Semsettin Yesilyurt 12/20/2023



#24
 1,1-Dichloroethane
 Concen: 45.547 ug/l
 RT: 6.039 min Scan# 692
 Delta R.T. 0.006 min
 Lab File: VY016697.D
 Acq: 19 Dec 2023 15:24

Tgt Ion: 63 Resp: 145137
 Ion Ratio Lower Upper
 63 100
 98 7.6 3.8 11.2
 100 4.8 2.5 7.5





#25

2-Butanone

Concen: 241.342 ug/l

RT: 7.002 min Scan# 850

Delta R.T. 0.006 min

Lab File: VY016697.D

Acq: 19 Dec 2023 15:24

Instrument :

MSVOA_Y

ClientSampleId :

ICVY121923

Tgt Ion: 43 Resp: 10527

Ion Ratio Lower Upper

43 100

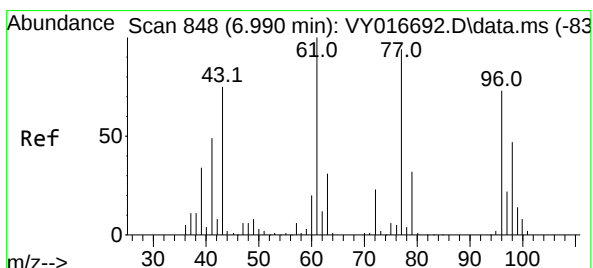
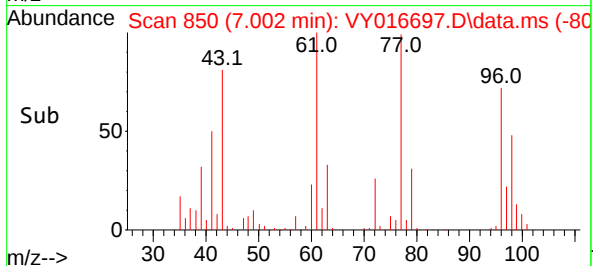
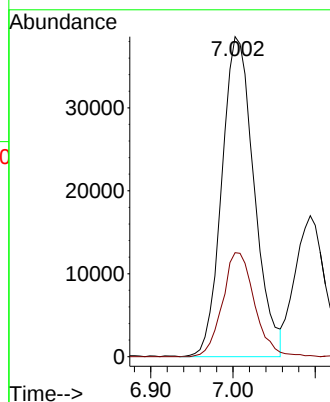
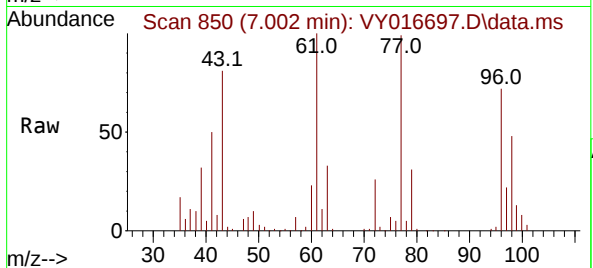
72 32.5 26.3 39.5

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/20/2023

Supervised By :Semsettin Yesilyurt 12/20/2023



#26

2,2-Dichloropropane

Concen: 47.016 ug/l

RT: 7.002 min Scan# 850

Delta R.T. 0.012 min

Lab File: VY016697.D

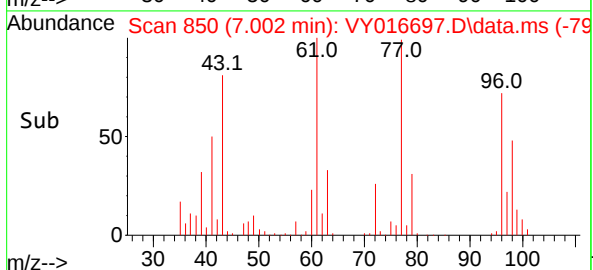
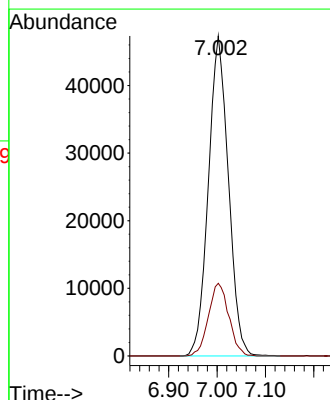
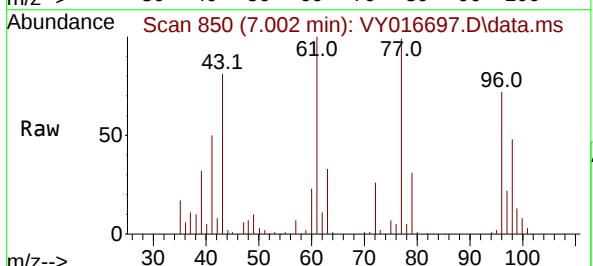
Acq: 19 Dec 2023 15:24

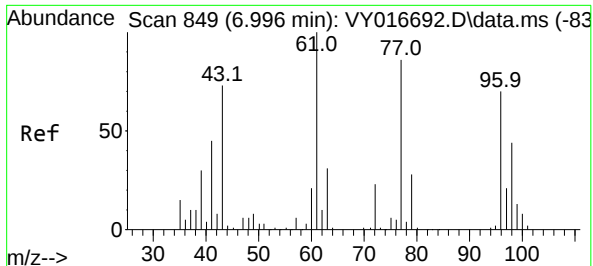
Tgt Ion: 77 Resp: 136058

Ion Ratio Lower Upper

77 100

97 23.1 12.4 37.2





#27

cis-1,2-Dichloroethene

Concen: 46.721 ug/l

RT: 7.009 min Scan# 851

Delta R.T. 0.012 min

Lab File: VY016697.D

Acq: 19 Dec 2023 15:24

Instrument :

MSVOA_Y

ClientSampleId :

ICVY121923

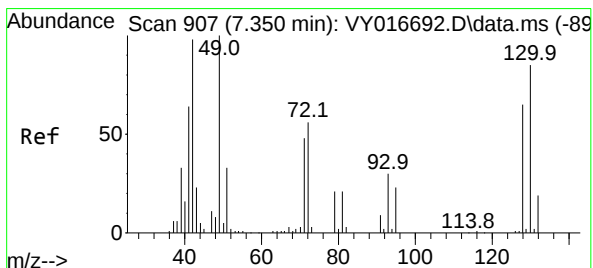
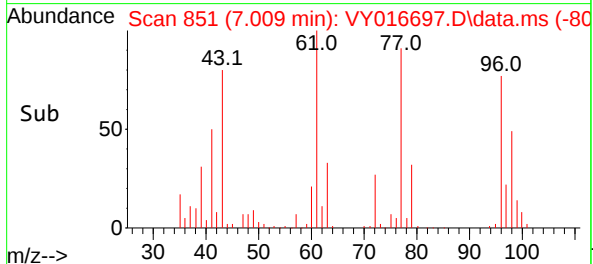
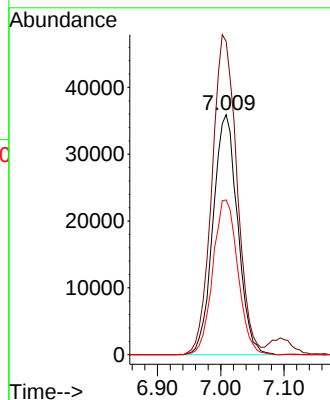
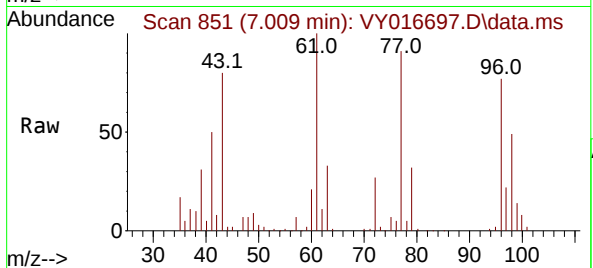
Tgt Ion: 96 Resp: 9669

Ion	Ratio	Lower	Upper
96	100		
61	135.6	0.0	255.8
98	65.5	0.0	129.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/20/2023
Supervised By :Semsettin Yesilyurt 12/20/2023



#28

Bromochloromethane

Concen: 49.122 ug/l

RT: 7.356 min Scan# 908

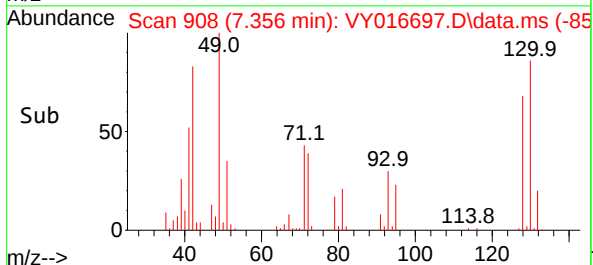
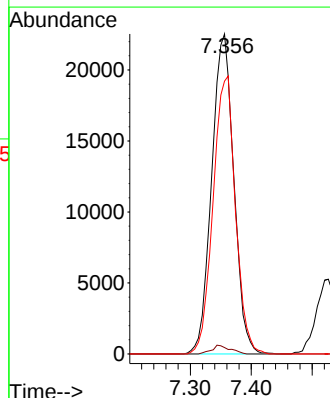
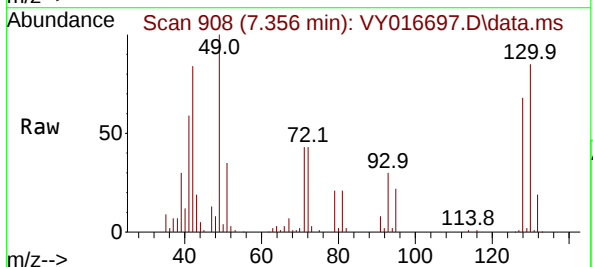
Delta R.T. 0.006 min

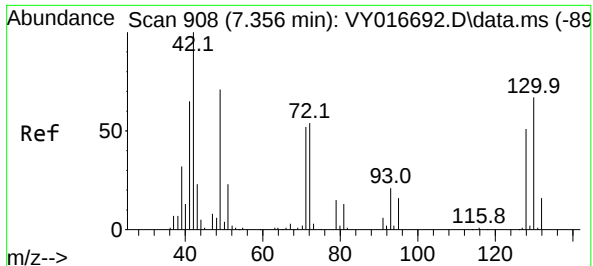
Lab File: VY016697.D

Acq: 19 Dec 2023 15:24

Tgt Ion: 49 Resp: 56840

Ion	Ratio	Lower	Upper
49	100		
129	2.3	0.0	5.2
130	87.6	75.9	113.9





#29

Tetrahydrofuran

Concen: 241.318 ug/l

RT: 7.362 min Scan# 908

Delta R.T. 0.006 min

Lab File: VY016697.D

Acq: 19 Dec 2023 15:24

Instrument :

MSVOA_Y

ClientSampleId :

ICVY121923

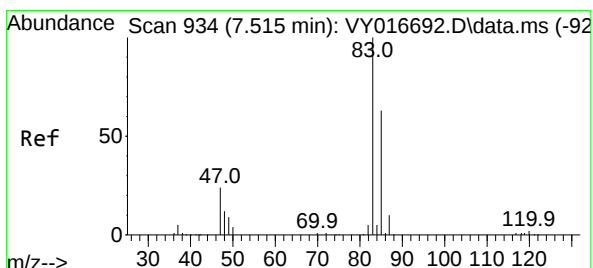
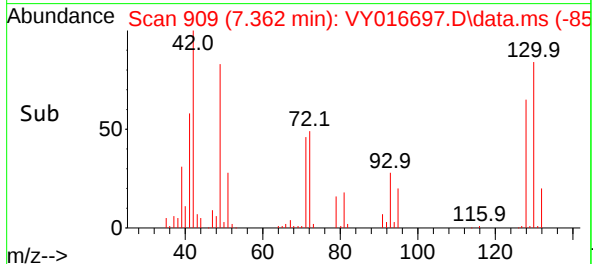
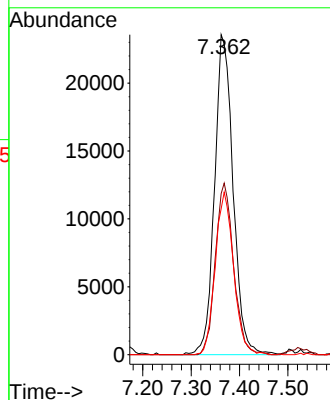
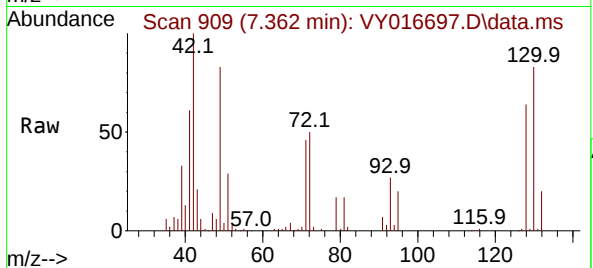
Tgt Ion: 42 Resp: 6281

Ion	Ratio	Lower	Upper
42	100		
72	52.9	40.3	60.5
71	50.2	38.9	58.3

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/20/2023
Supervised By :Semsettin Yesilyurt 12/20/2023



#30

Chloroform

Concen: 45.715 ug/l

RT: 7.527 min Scan# 936

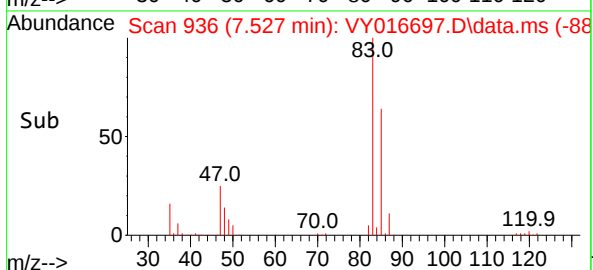
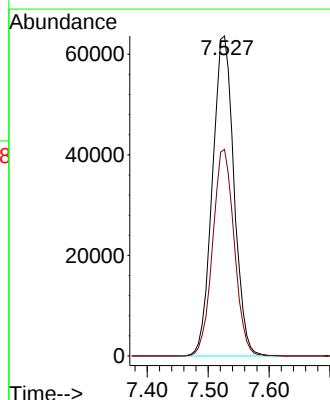
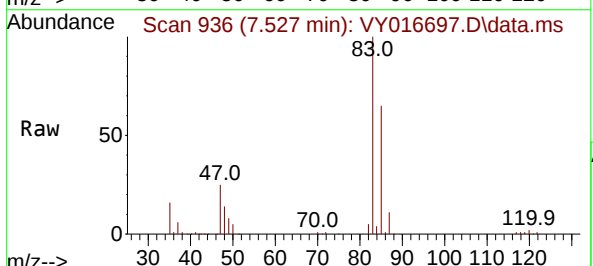
Delta R.T. 0.012 min

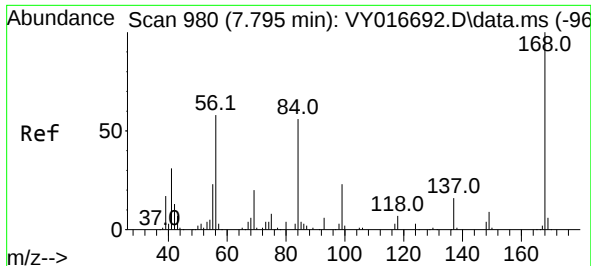
Lab File: VY016697.D

Acq: 19 Dec 2023 15:24

Tgt Ion: 83 Resp: 156292

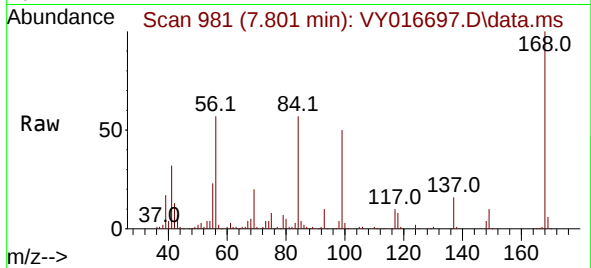
Ion	Ratio	Lower	Upper
83	100		
85	64.5	52.6	78.8





#31
Cyclohexane
Concen: 43.626 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY016697.D
Acq: 19 Dec 2023 15:24

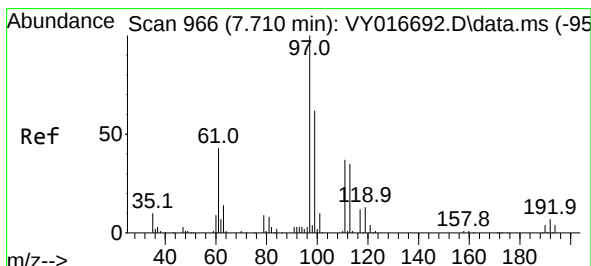
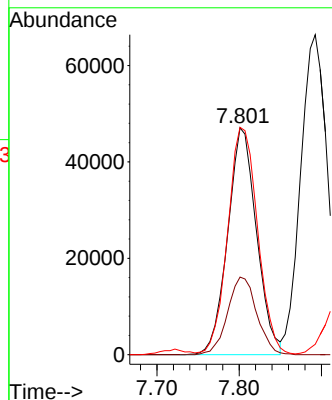
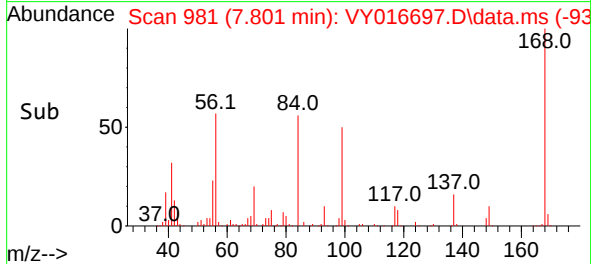
Instrument :
MSVOA_Y
ClientSampleId :
ICVY121923



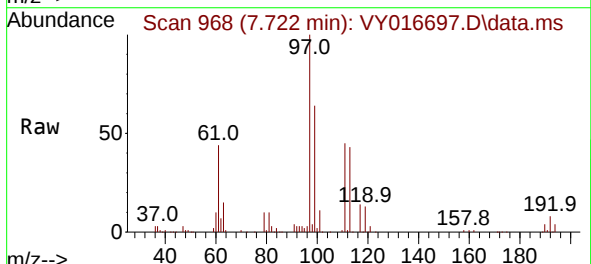
Tgt Ion: 56 Resp: 114800
Ion Ratio Lower Upper
56 100
69 34.2 27.5 41.3
84 98.4 78.1 117.1

Manual Integrations
APPROVED

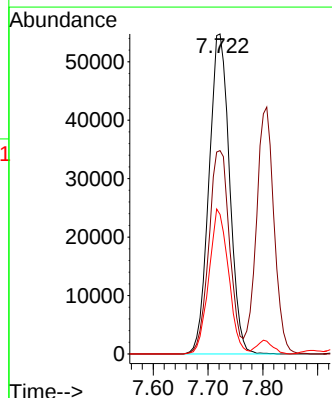
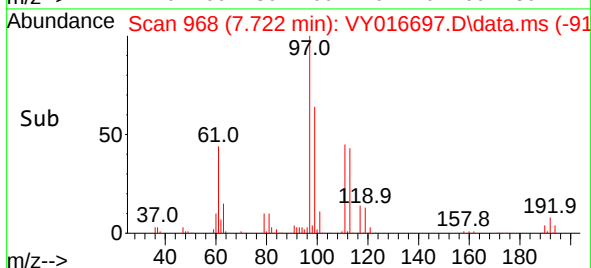
Reviewed By :Mahesh Dadoda 12/20/2023
Supervised By :Semsettin Yesilyurt 12/20/2023

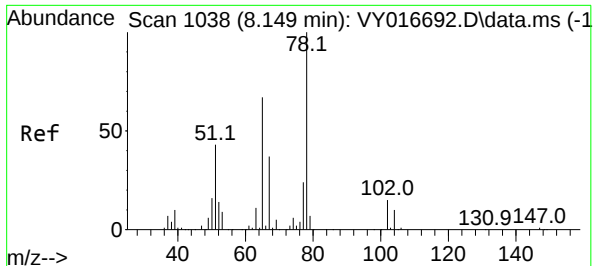


#32
1,1,1-Trichloroethane
Concen: 46.818 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.012 min
Lab File: VY016697.D
Acq: 19 Dec 2023 15:24



Tgt Ion: 97 Resp: 142125
Ion Ratio Lower Upper
97 100
99 64.4 51.4 77.0
61 43.5 31.6 47.4





#33

1,2-Dichloroethane-d4

Concen: 46.684 ug/l

RT: 8.155 min Scan# 1109

Delta R.T. 0.006 min

Lab File: VY016697.D

Acq: 19 Dec 2023 15:24

Instrument :

MSVOA_Y

ClientSampleId :

ICVY121923

Tgt Ion: 65 Resp: 7505

Ion Ratio Lower Upper

65 100

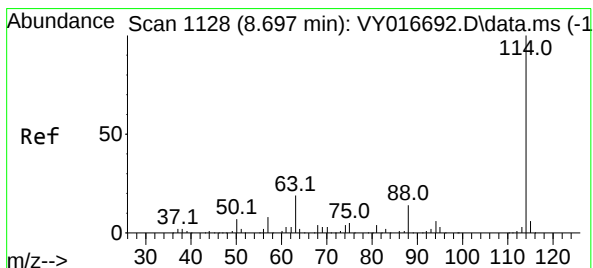
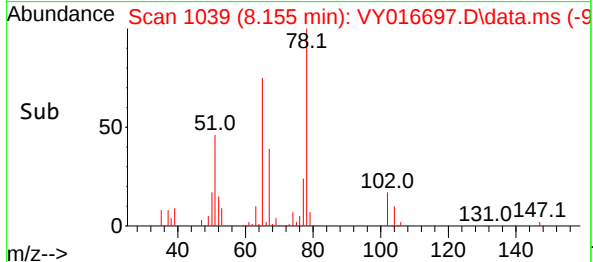
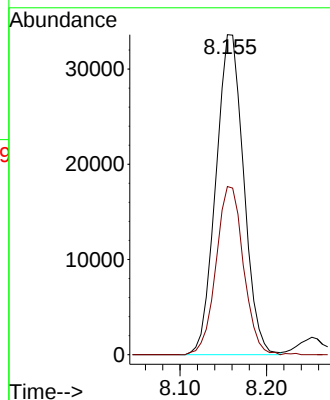
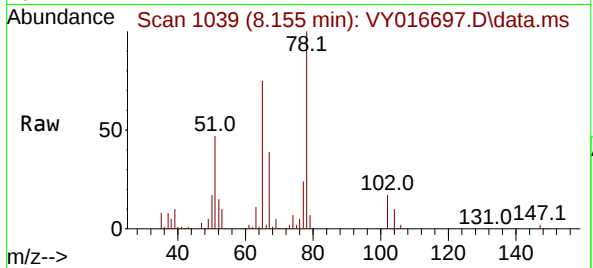
67 51.7 0.0 108.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/20/2023

Supervised By :Semsettin Yesilyurt 12/20/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.703 min Scan# 1129

Delta R.T. 0.006 min

Lab File: VY016697.D

Acq: 19 Dec 2023 15:24

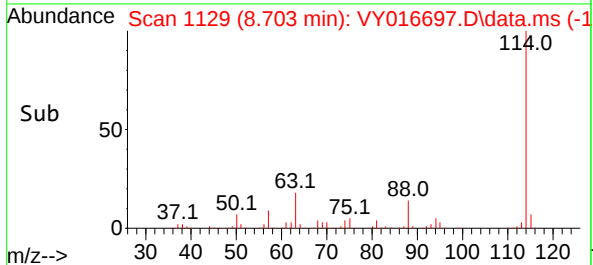
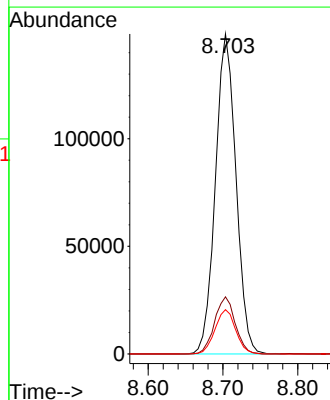
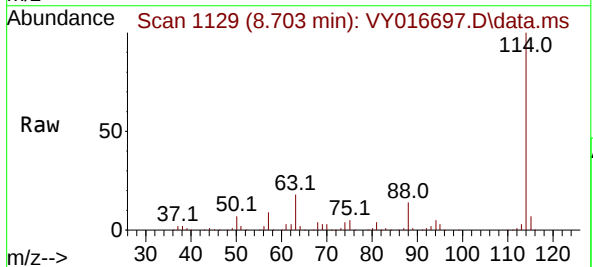
Tgt Ion:114 Resp: 284450

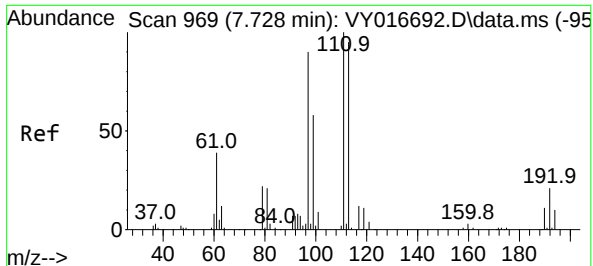
Ion Ratio Lower Upper

114 100

63 17.8 0.0 34.0

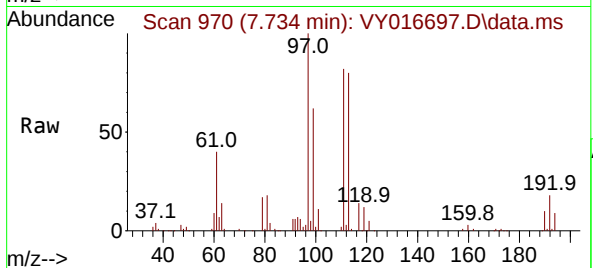
88 13.9 0.0 29.2





#35
Dibromofluoromethane
Concen: 47.449 ug/l
RT: 7.734 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY016697.D
Acq: 19 Dec 2023 15:24

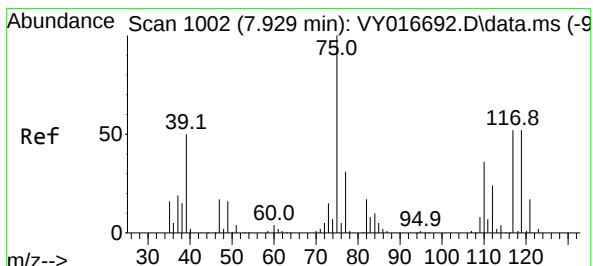
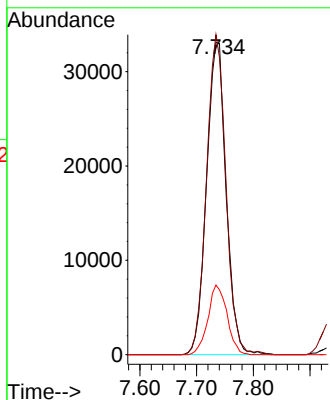
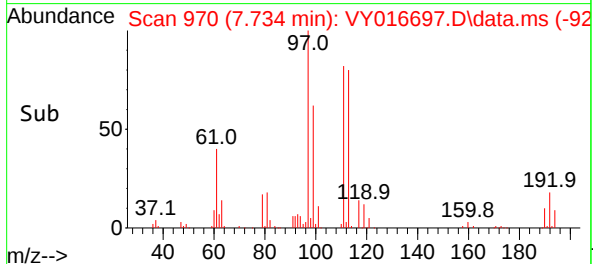
Instrument :
MSVOA_Y
ClientSampleId :
ICVY121923



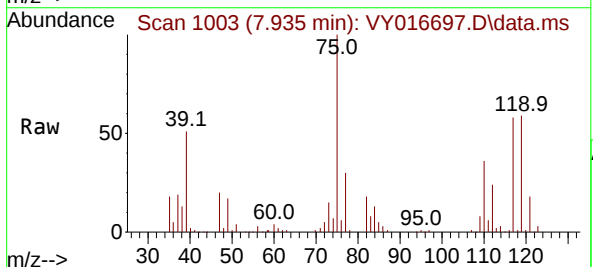
Tgt Ion:113 Resp: 79492
Ion Ratio Lower Upper
113 100
111 101.4 81.9 122.9
192 21.8 16.2 24.4

Manual Integrations
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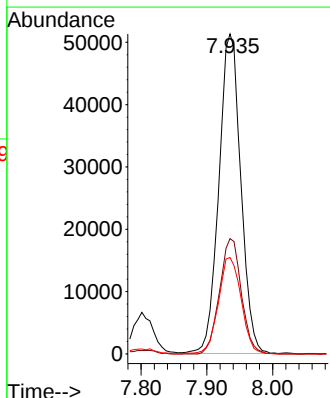
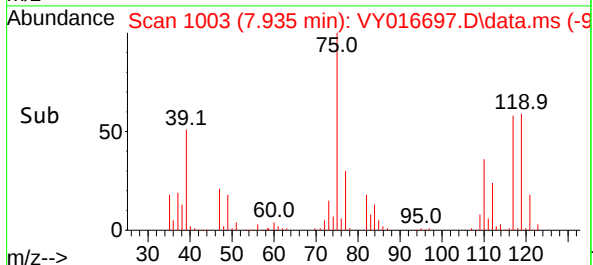
Reviewed By :Mahesh Dadoda 12/20/2023
Supervised By :Semsettin Yesilyurt 12/20/2023

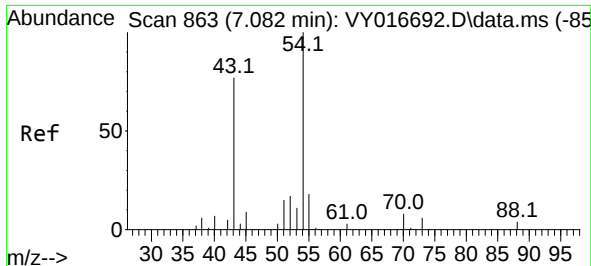


#36
1,1-Dichloropropene
Concen: 46.860 ug/l
RT: 7.935 min Scan# 1003
Delta R.T. 0.006 min
Lab File: VY016697.D
Acq: 19 Dec 2023 15:24



Tgt Ion: 75 Resp: 118750
Ion Ratio Lower Upper
75 100
110 35.9 18.9 56.9
77 31.5 25.3 37.9





#37

Ethyl Acetate

Concen: 45.893 ug/l

RT: 7.094 min Scan# 80

Delta R.T. 0.012 min

Lab File: VY016697.D

Acq: 19 Dec 2023 15:24

Instrument :

MSVOA_Y

ClientSampleId :

ICVY121923

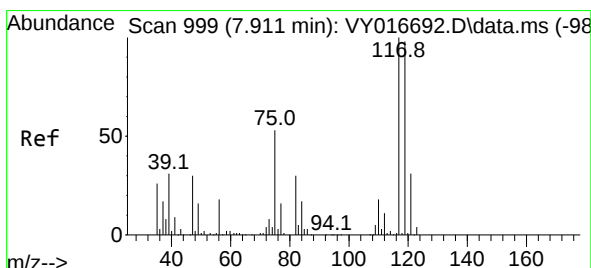
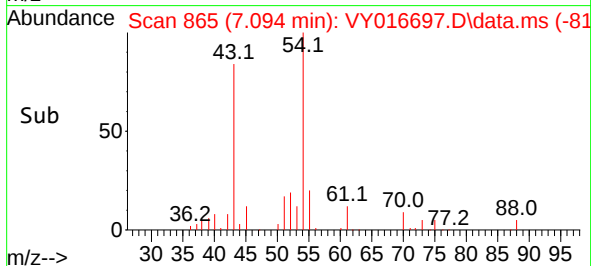
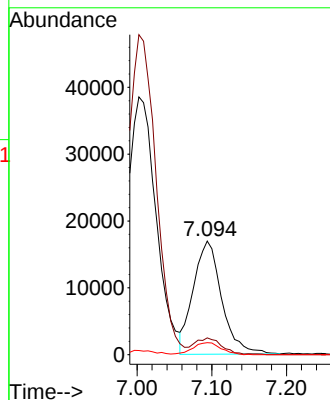
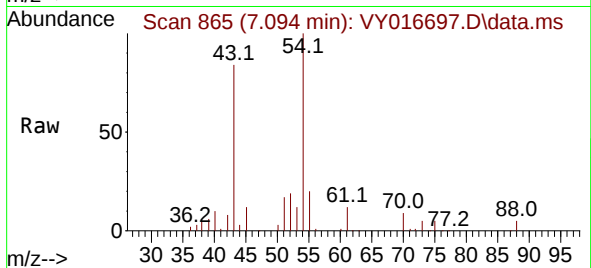
Tgt Ion: 43 Resp: 4454

Ion	Ratio	Lower	Upper
43	100		
61	14.8	13.0	19.4
70	10.6	9.9	14.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/20/2023
Supervised By :Semsettin Yesilyurt 12/20/2023



#38

Carbon Tetrachloride

Concen: 46.387 ug/l

RT: 7.923 min Scan# 1001

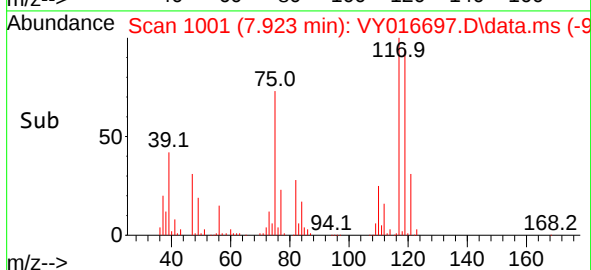
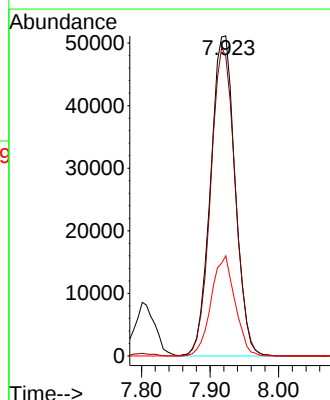
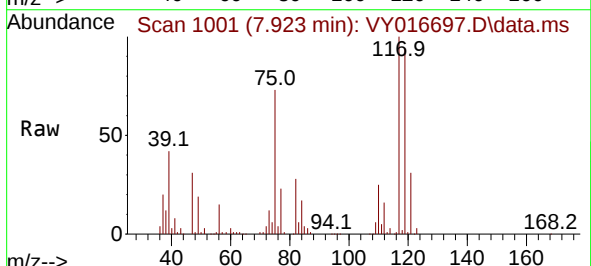
Delta R.T. 0.012 min

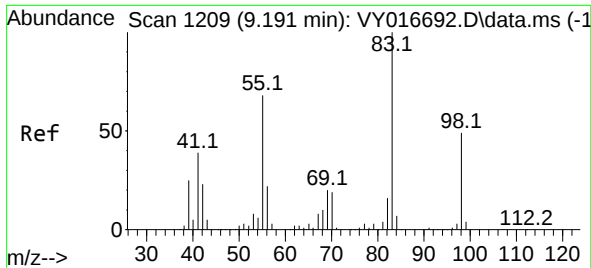
Lab File: VY016697.D

Acq: 19 Dec 2023 15:24

Tgt Ion:117 Resp: 126837

Ion	Ratio	Lower	Upper
117	100		
119	93.6	75.0	112.4
121	31.3	24.2	36.4





#39
Methylcyclohexane
Concen: 46.685 ug/l
RT: 9.197 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY016697.D
Acq: 19 Dec 2023 15:24

Instrument :

MSVOA_Y

ClientSampleId :

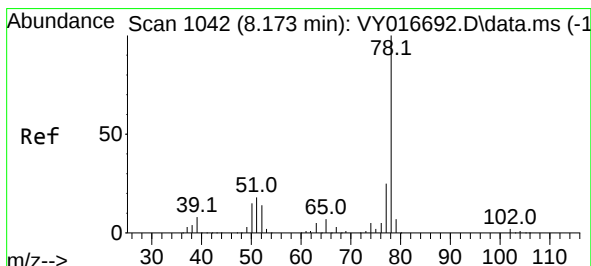
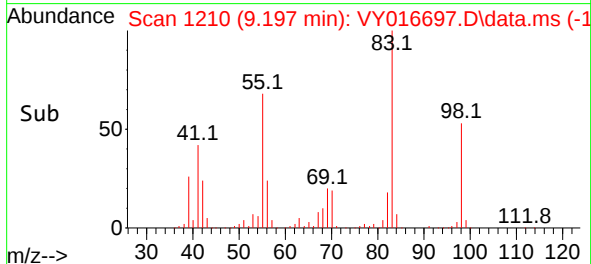
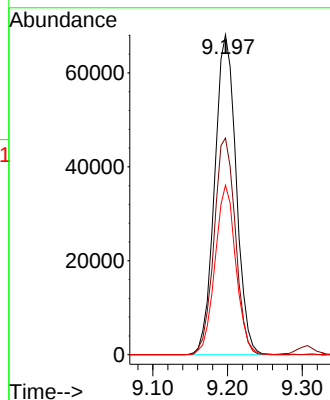
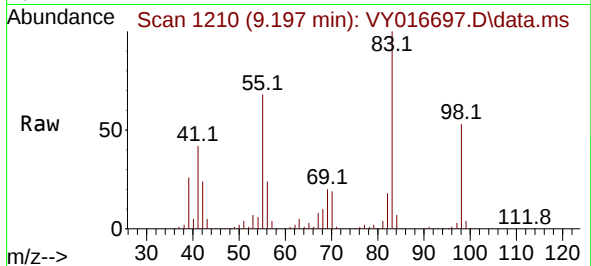
ICVY121923

Tgt Ion: 83 Resp: 13621
Ion Ratio Lower Upper
83 100
55 67.7 54.6 81.8
98 53.0 40.1 60.1

Manual Integrations

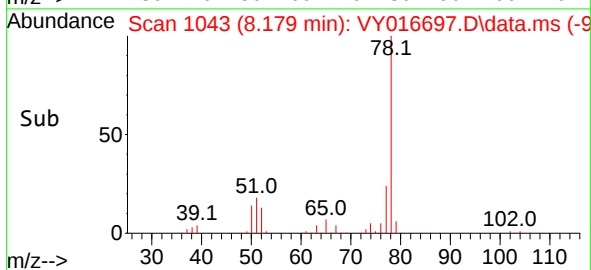
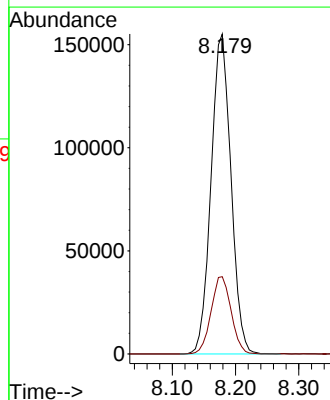
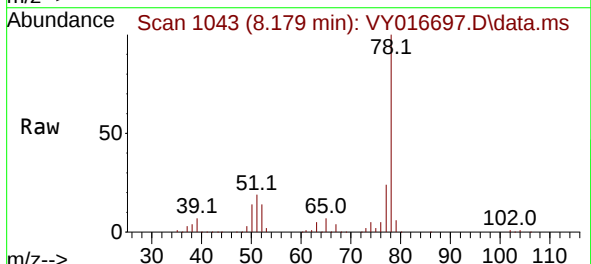
APPROVED

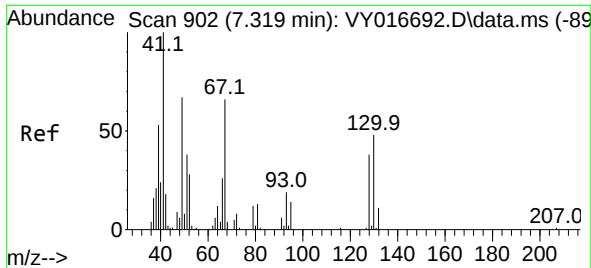
Reviewed By :Mahesh Dadoda 12/20/2023
Supervised By :Semsettin Yesilyurt 12/20/2023



#40
Benzene
Concen: 46.480 ug/l
RT: 8.179 min Scan# 1043
Delta R.T. 0.006 min
Lab File: VY016697.D
Acq: 19 Dec 2023 15:24

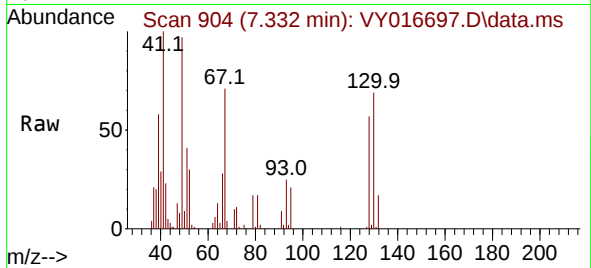
Tgt Ion: 78 Resp: 338416
Ion Ratio Lower Upper
78 100
77 24.2 19.0 28.4





#41
Methacrylonitrile
Concen: 42.853 ug/l m
RT: 7.332 min Scan# 904
Delta R.T. 0.012 min
Lab File: VY016697.D
Acq: 19 Dec 2023 15:24

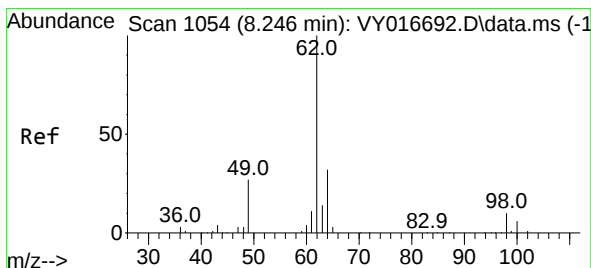
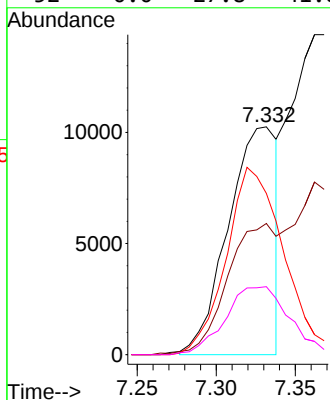
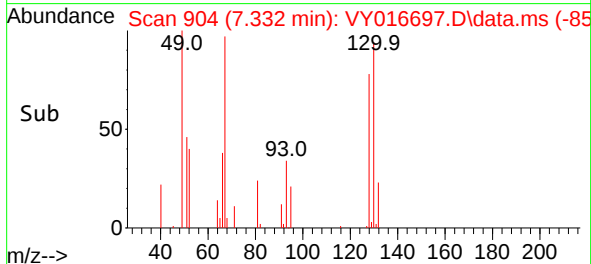
Instrument :
MSVOA_Y
ClientSampleId :
ICVY121923



Tgt Ion: 41 Resp: 22090
Ion Ratio Lower Upper
41 100
39 83.2 47.8 71.6
67 0.0 74.9 112.3
52 0.0 27.8 41.8

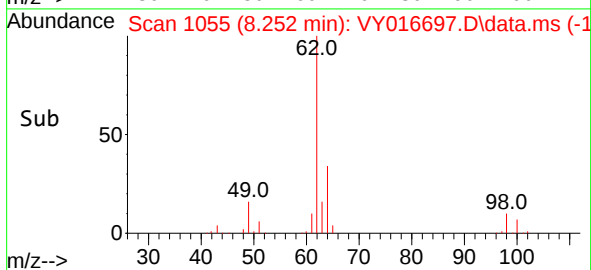
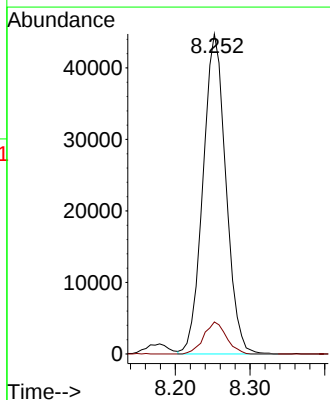
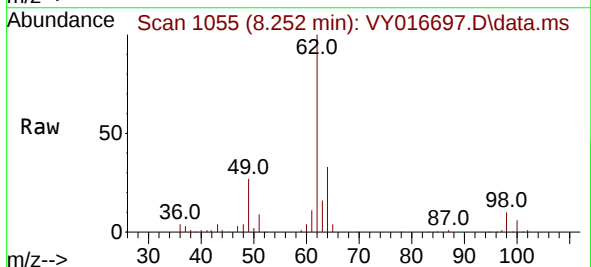
Manual Integrations
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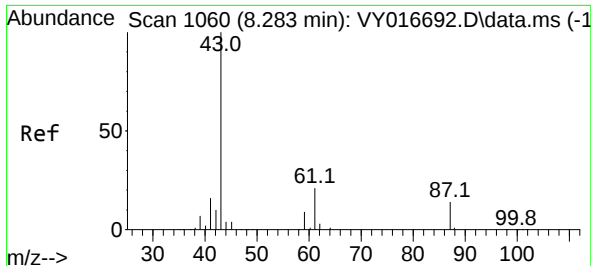
Reviewed By :Mahesh Dadoda 12/20/2023
Supervised By :Semsettin Yesilyurt 12/20/2023



#42
1,2-Dichloroethane
Concen: 46.213 ug/l
RT: 8.252 min Scan# 1055
Delta R.T. 0.006 min
Lab File: VY016697.D
Acq: 19 Dec 2023 15:24

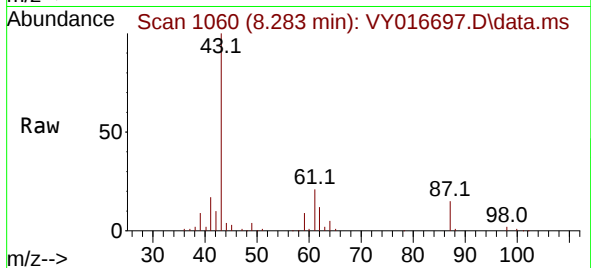
Tgt Ion: 62 Resp: 95212
Ion Ratio Lower Upper
62 100
98 9.8 0.0 22.4





#43
Isopropyl Acetate
Concen: 47.510 ug/l
RT: 8.283 min Scan# 1170
Delta R.T. -0.000 min
Lab File: VY016697.D
Acq: 19 Dec 2023 15:24

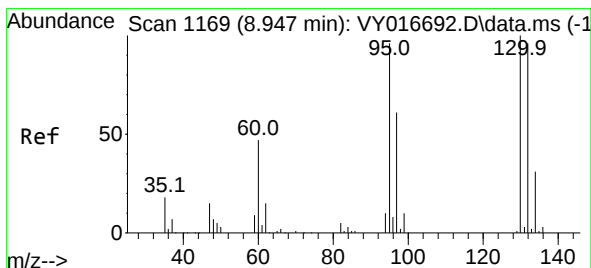
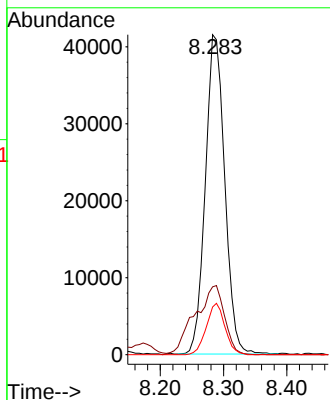
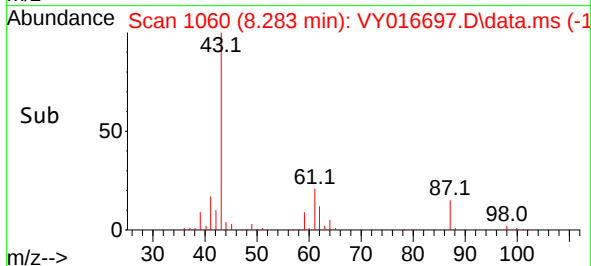
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY121923



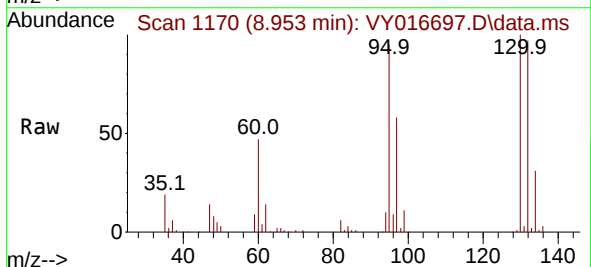
Tgt Ion: 43 Resp: 8856
Ion Ratio Lower Upper
43 100
61 32.8 27.4 41.0
87 15.4 13.2 19.8

Manual Integrations
APPROVED

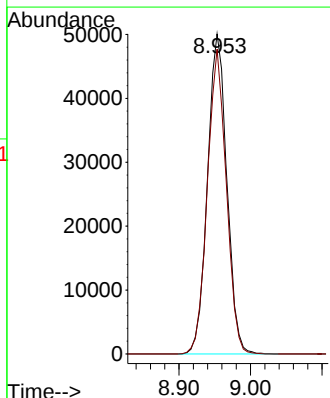
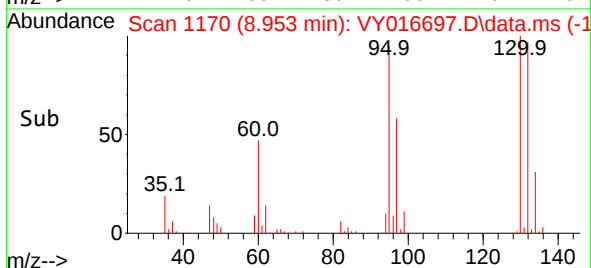
Reviewed By :Mahesh Dadoda 12/20/2023
Supervised By :Semsettin Yesilyurt 12/20/2023

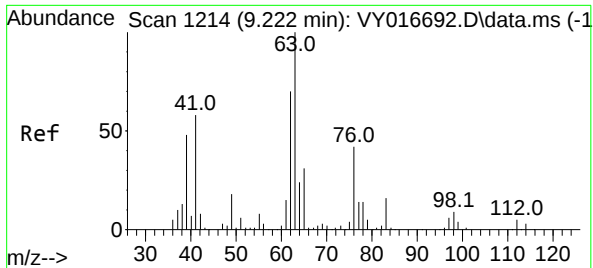


#44
Trichloroethene
Concen: 46.963 ug/l
RT: 8.953 min Scan# 1170
Delta R.T. 0.006 min
Lab File: VY016697.D
Acq: 19 Dec 2023 15:24



Tgt Ion:130 Resp: 94098
Ion Ratio Lower Upper
130 100
95 95.3 0.0 189.2





#45

1,2-Dichloropropane

Concen: 47.008 ug/l

RT: 9.228 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY016697.D

Acq: 19 Dec 2023 15:24

Instrument :

MSVOA_Y

ClientSampleId :

ICVY121923

Tgt Ion: 63 Resp: 8180

Ion Ratio Lower Upper

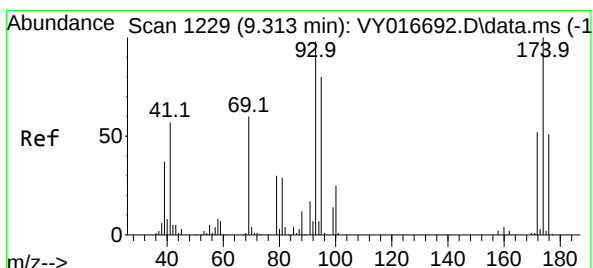
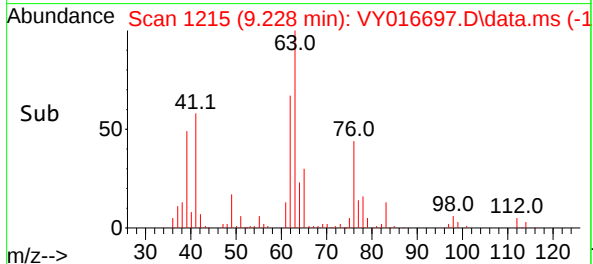
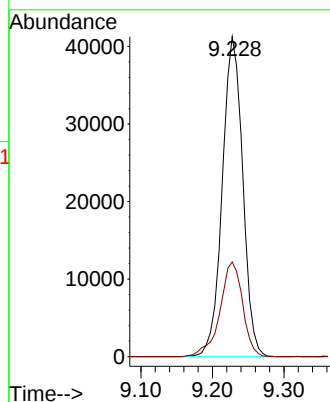
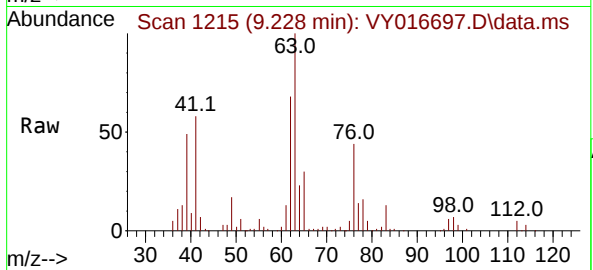
63 100

65 29.6 24.0 36.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/20/2023
Supervised By :Semsettin Yesilyurt 12/20/2023



#46

Dibromomethane

Concen: 47.329 ug/l

RT: 9.319 min Scan# 1230

Delta R.T. 0.006 min

Lab File: VY016697.D

Acq: 19 Dec 2023 15:24

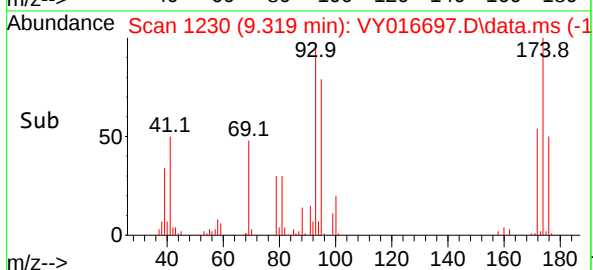
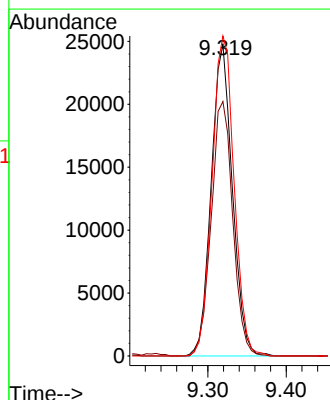
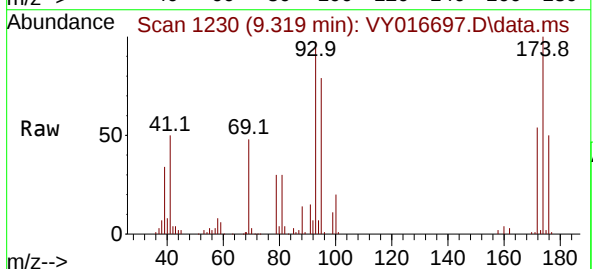
Tgt Ion: 93 Resp: 46512

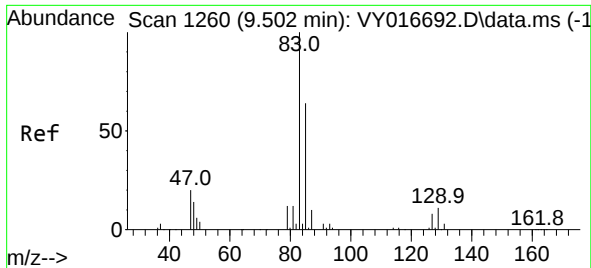
Ion Ratio Lower Upper

93 100

95 83.2 66.9 100.3

174 106.8 85.2 127.8





#47
Bromodichloromethane
Concen: 46.550 ug/l
RT: 9.508 min Scan# 1261
Delta R.T. 0.006 min
Lab File: VY016697.D
Acq: 19 Dec 2023 15:24

Instrument :

MSVOA_Y

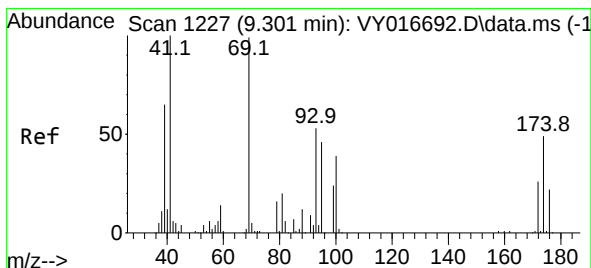
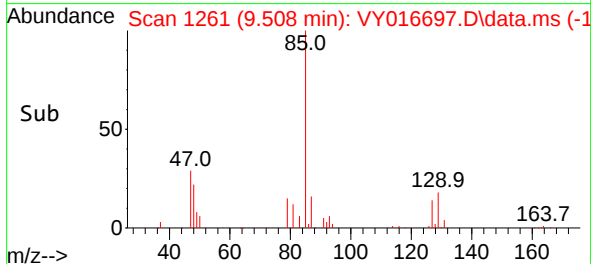
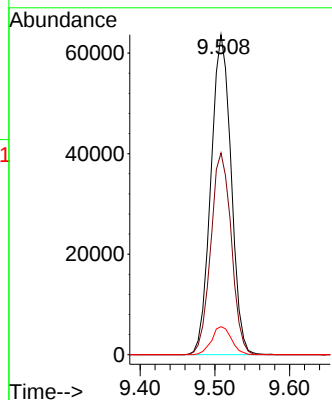
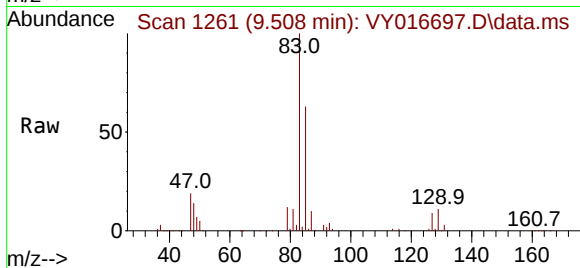
ClientSampleId :

ICVY121923

Tgt Ion: 83 Resp: 11944
Ion Ratio Lower Upper
83 100
85 63.1 51.4 77.0
127 8.8 7.3 10.9

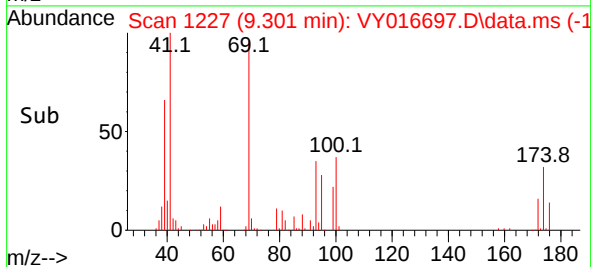
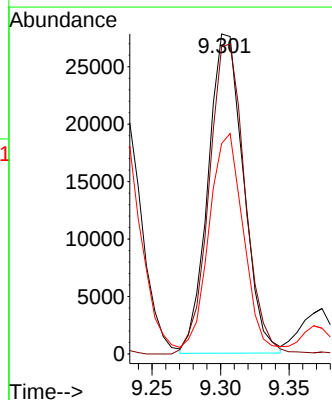
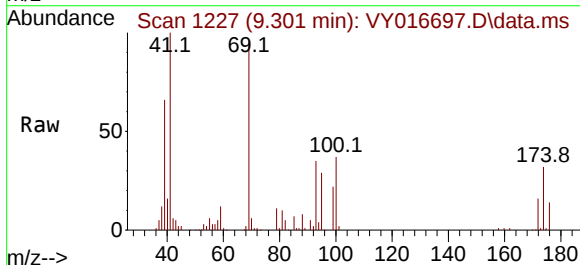
Manual Integrations
APPROVED

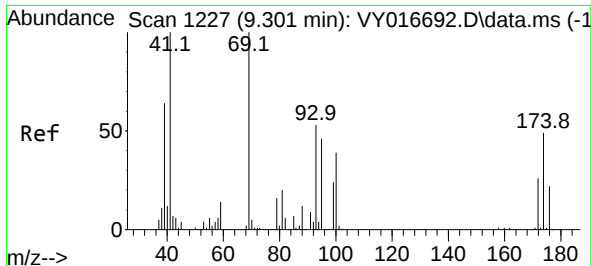
Reviewed By :Mahesh Dadoda 12/20/2023
Supervised By :Semsettin Yesilyurt 12/20/2023



#48
Methyl methacrylate
Concen: 49.430 ug/l
RT: 9.301 min Scan# 1227
Delta R.T. -0.000 min
Lab File: VY016697.D
Acq: 19 Dec 2023 15:24

Tgt Ion: 41 Resp: 49995
Ion Ratio Lower Upper
41 100
69 98.3 85.5 128.3
39 63.5 40.9 61.3#





#49

1,4-Dioxane

Concen: 1104.538 ug/l

RT: 9.313 min Scan# 1229

Delta R.T. 0.012 min

Lab File: VY016697.D

Acq: 19 Dec 2023 15:24

Instrument :

MSVOA_Y

ClientSampleId :

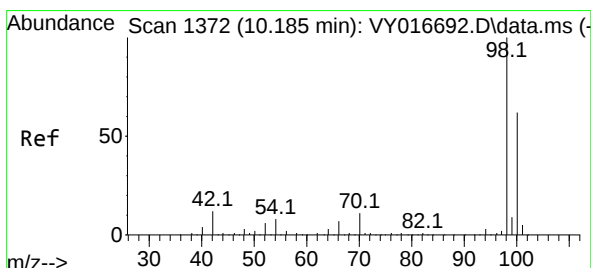
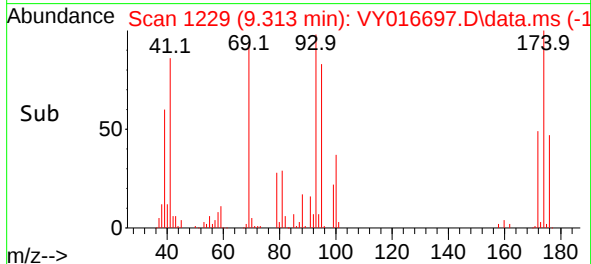
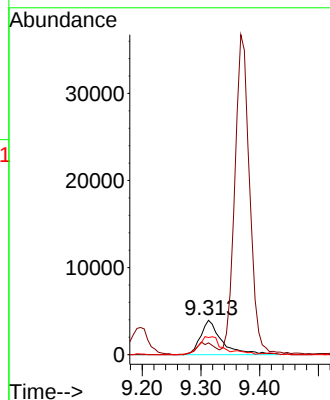
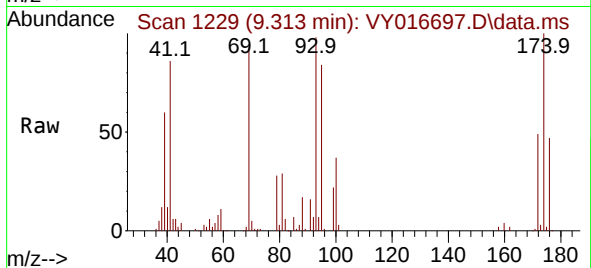
ICVY121923

Tgt Ion: 88 Resp: 9994
 Ion Ratio Lower Upper
 88 100
 43 29.9 0.0 0.0
 58 52.4 54.0 81.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/20/2023
 Supervised By :Semsettin Yesilyurt 12/20/2023



#50

Toluene-d8

Concen: 48.454 ug/l

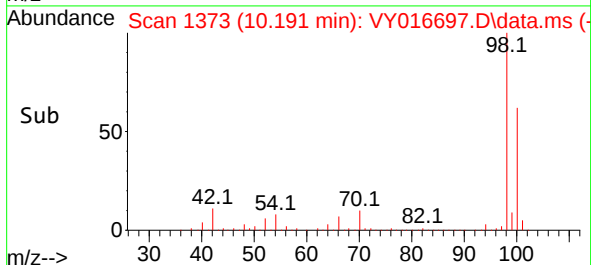
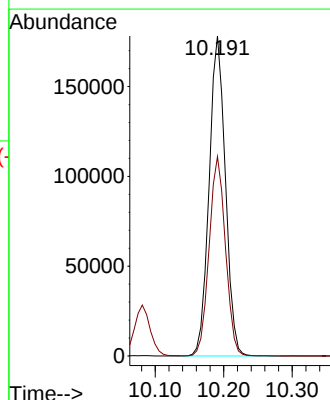
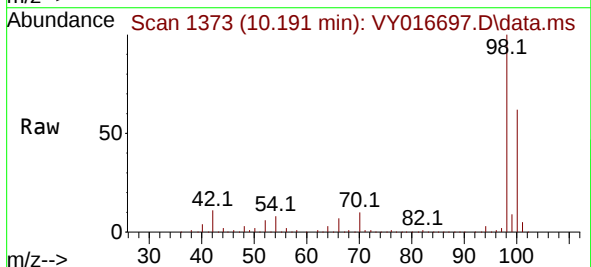
RT: 10.191 min Scan# 1373

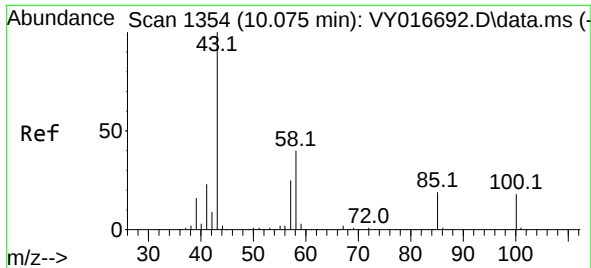
Delta R.T. 0.006 min

Lab File: VY016697.D

Acq: 19 Dec 2023 15:24

Tgt Ion: 98 Resp: 293982
 Ion Ratio Lower Upper
 98 100
 100 62.4 52.5 78.7





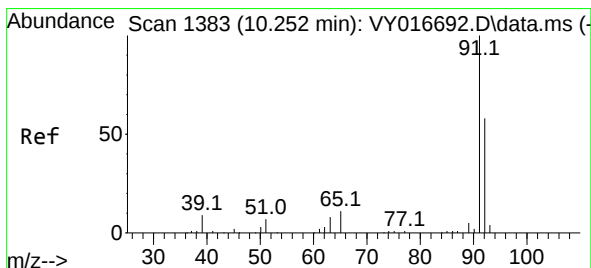
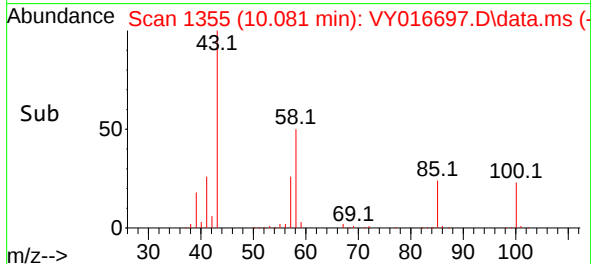
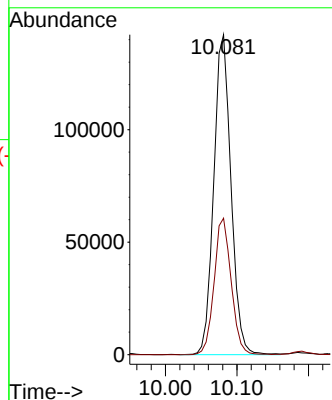
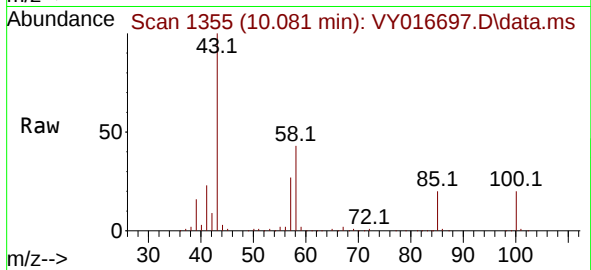
#51
4-Methyl-2-Pentanone
Concen: 248.748 ug/l
RT: 10.081 min Scan# 1355
Delta R.T. 0.006 min
Lab File: VY016697.D
Acq: 19 Dec 2023 15:24

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY121923

Tgt Ion: 43 Resp: 23800
Ion Ratio Lower Upper
43 100
58 42.2 35.8 53.8

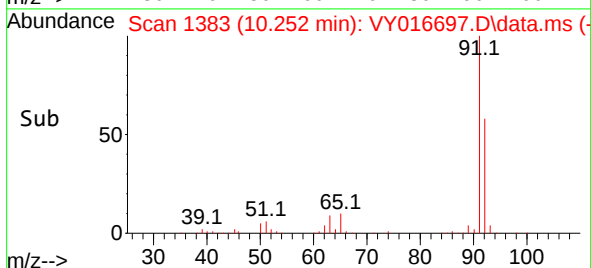
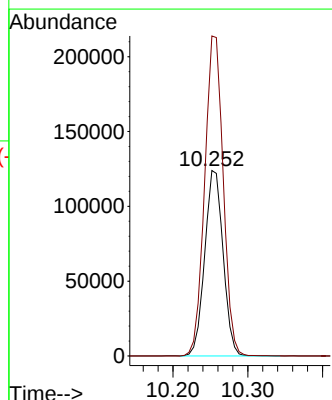
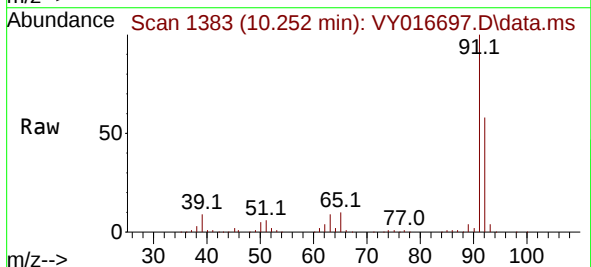
Manual Integrations
APPROVED

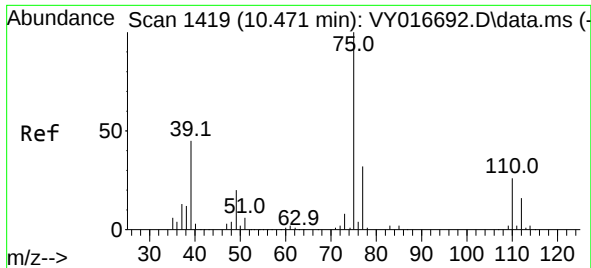
Reviewed By :Mahesh Dadoda 12/20/2023
Supervised By :Semsettin Yesilyurt 12/20/2023



#52
Toluene
Concen: 47.555 ug/l
RT: 10.252 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VY016697.D
Acq: 19 Dec 2023 15:24

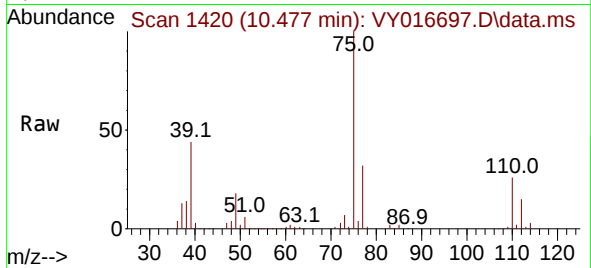
Tgt Ion: 92 Resp: 211849
Ion Ratio Lower Upper
92 100
91 174.0 136.3 204.5





#53
t-1,3-Dichloropropene
Concen: 49.561 ug/l
RT: 10.477 min Scan# 1419
Delta R.T. 0.006 min
Lab File: VY016697.D
Acq: 19 Dec 2023 15:24

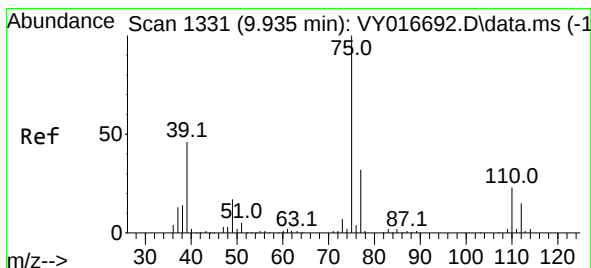
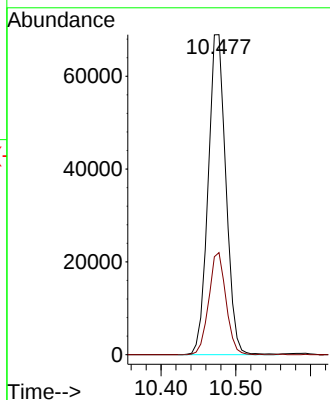
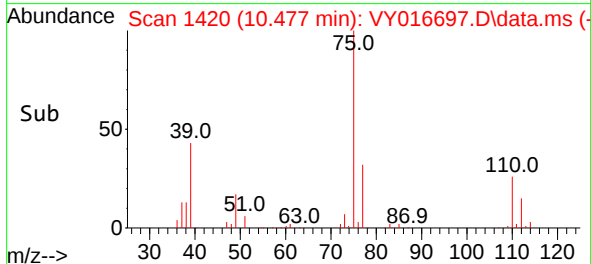
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY121923



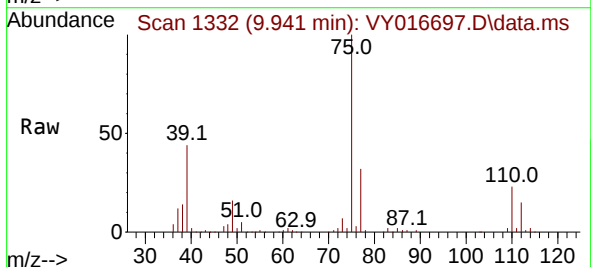
Tgt Ion: 75 Resp: 11386
Ion Ratio Lower Upper
75 100
77 31.9 25.2 37.8

Manual Integrations
APPROVED

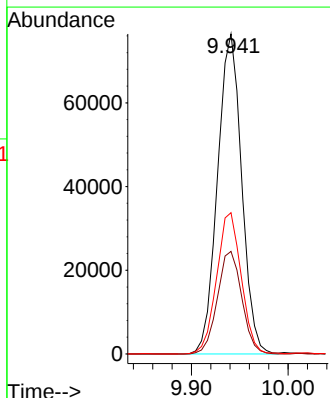
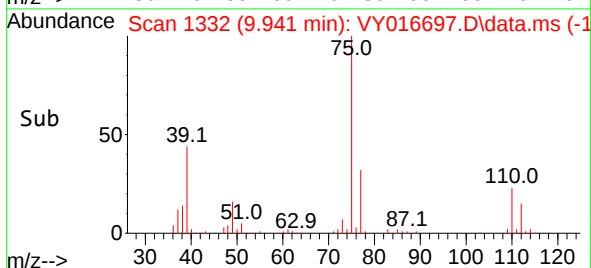
Reviewed By :Mahesh Dadoda 12/20/2023
Supervised By :Semsettin Yesilyurt 12/20/2023

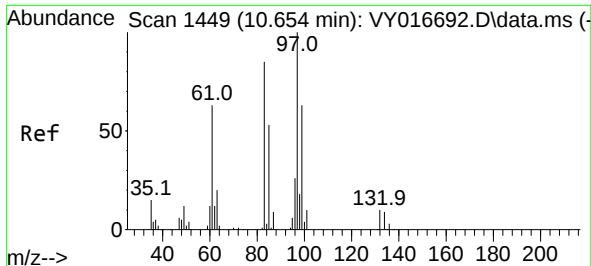


#54
cis-1,3-Dichloropropene
Concen: 48.639 ug/l
RT: 9.941 min Scan# 1332
Delta R.T. 0.006 min
Lab File: VY016697.D
Acq: 19 Dec 2023 15:24



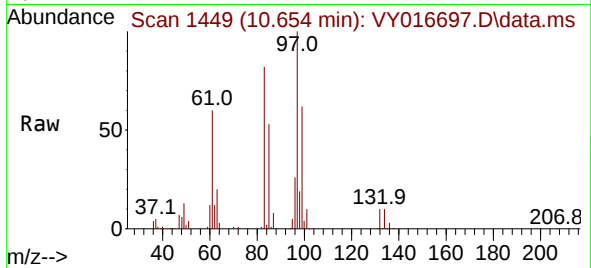
Tgt Ion: 75 Resp: 132410
Ion Ratio Lower Upper
75 100
77 32.0 25.4 38.0
39 44.2 29.7 44.5





#55
1,1,2-Trichloroethane
Concen: 46.555 ug/l
RT: 10.654 min Scan# 1449
Delta R.T. -0.000 min
Lab File: VY016697.D
Acq: 19 Dec 2023 15:24

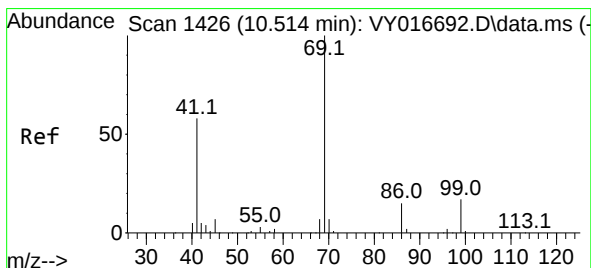
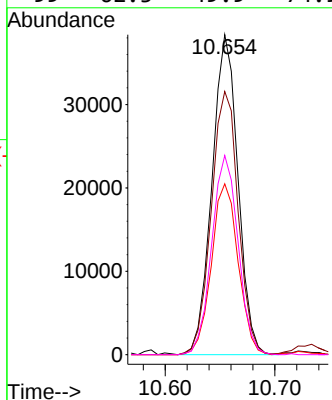
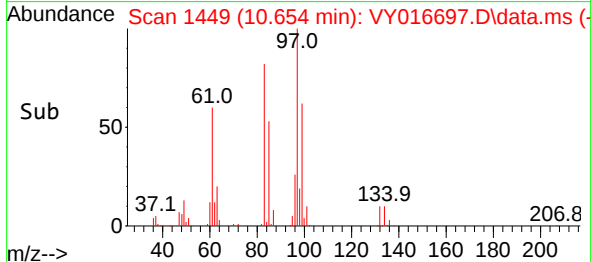
Instrument : MSVOA_Y
ClientSampleId : ICVVY121923



Tgt Ion: 97	Resp: 63200
Ion Ratio	Lower Upper
97 100	
83 82.2	65.8 98.6
85 53.4	43.4 65.2
99 62.3	49.9 74.9

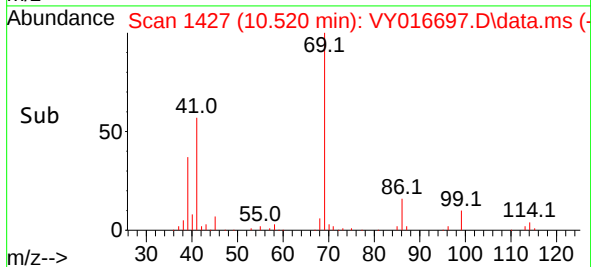
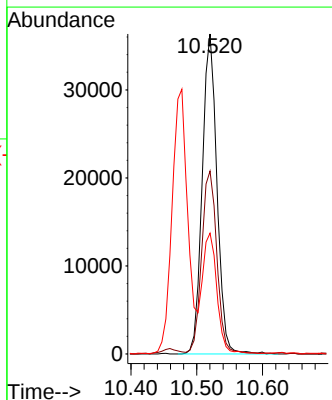
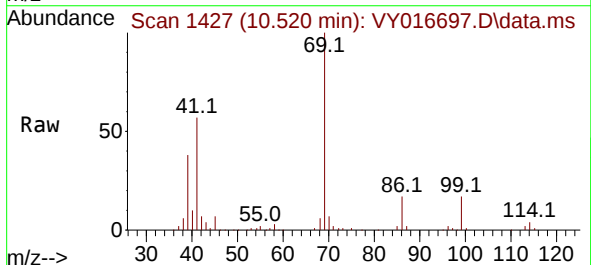
Manual Integrations
APPROVED

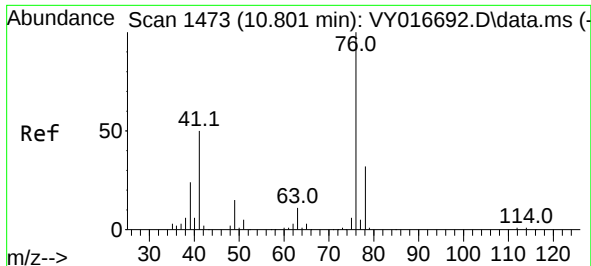
Reviewed By :Mahesh Dadoda 12/20/2023
Supervised By :Semsettin Yesilyurt 12/20/2023



#56
Ethyl methacrylate
Concen: 51.246 ug/l
RT: 10.520 min Scan# 1427
Delta R.T. 0.006 min
Lab File: VY016697.D
Acq: 19 Dec 2023 15:24

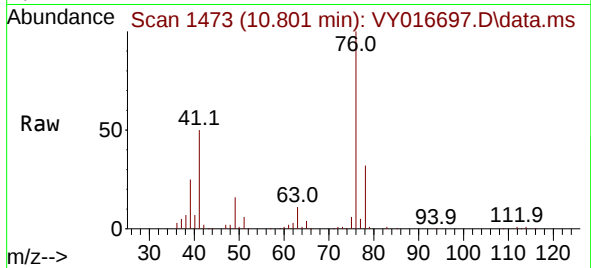
Tgt Ion: 69	Resp: 56611
Ion Ratio	Lower Upper
69 100	
41 59.3	44.6 67.0
39 35.8	21.5 32.3#





#57
1,3-Dichloropropane
Concen: 47.429 ug/l
RT: 10.801 min Scan# 1473
Delta R.T. -0.000 min
Lab File: VY016697.D
Acq: 19 Dec 2023 15:24

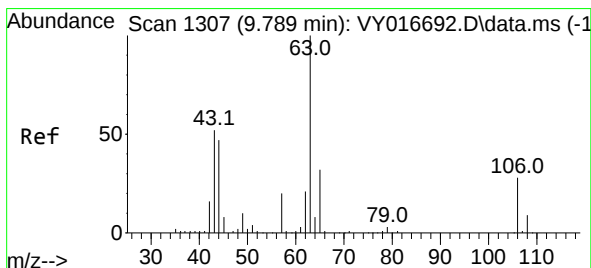
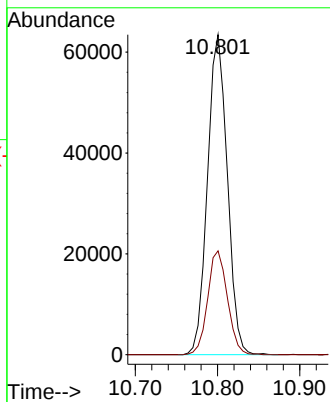
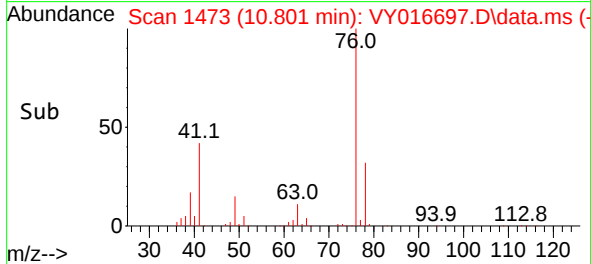
Instrument : MSVOA_Y
ClientSampleId : ICVVY121923



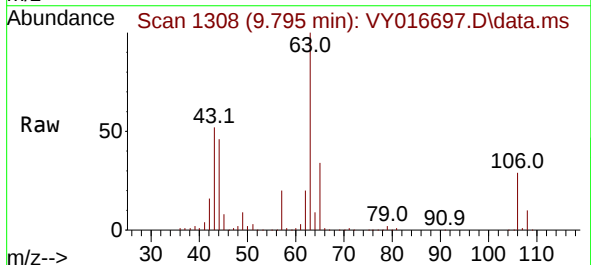
Tgt Ion: 76 Resp: 10624
Ion Ratio Lower Upper
76 100
78 32.3 26.2 39.4

Manual Integrations
APPROVED

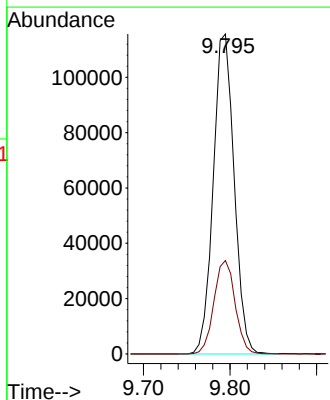
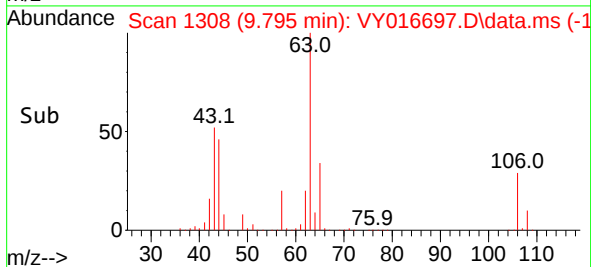
Reviewed By :Mahesh Dadoda 12/20/2023
Supervised By :Semsettin Yesilyurt 12/20/2023

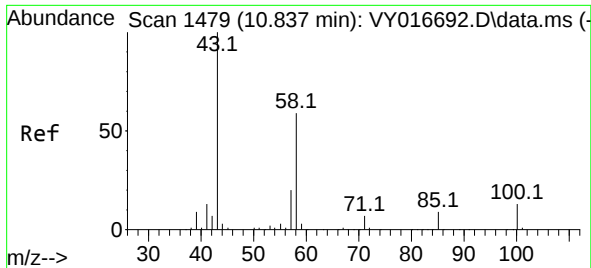


#58
2-Chloroethyl Vinyl ether
Concen: 253.896 ug/l
RT: 9.795 min Scan# 1308
Delta R.T. 0.006 min
Lab File: VY016697.D
Acq: 19 Dec 2023 15:24



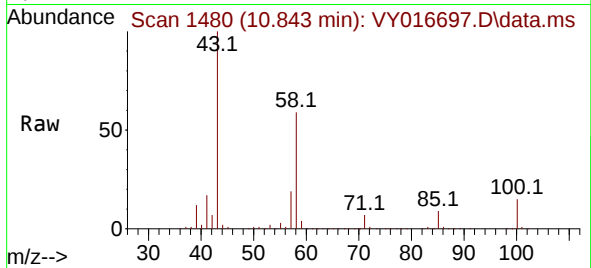
Tgt Ion: 63 Resp: 193774
Ion Ratio Lower Upper
63 100
106 29.6 25.4 38.2





#59
2-Hexanone
Concen: 241.668 ug/l
RT: 10.843 min Scan# 1479
Delta R.T. 0.006 min
Lab File: VY016697.D
Acq: 19 Dec 2023 15:24

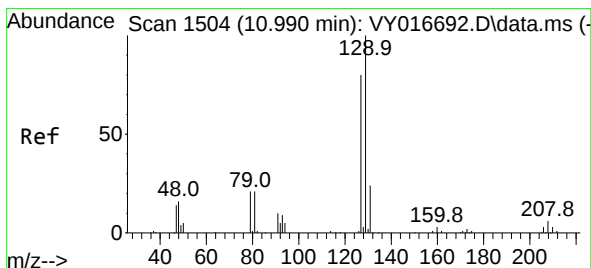
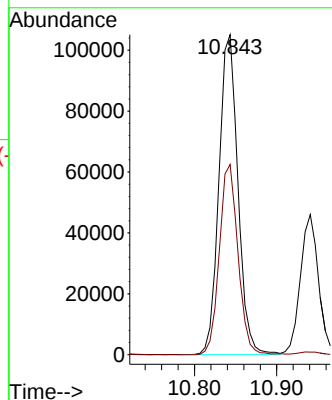
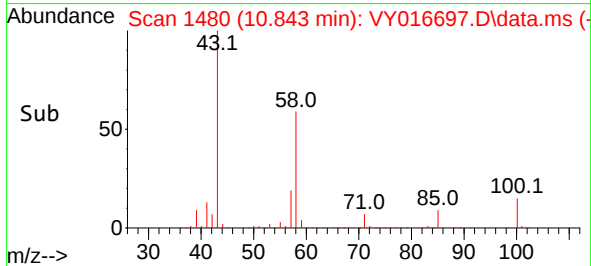
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY121923



Tgt Ion: 43 Resp: 16846
Ion Ratio Lower Upper
43 100
58 58.4 30.8 92.4

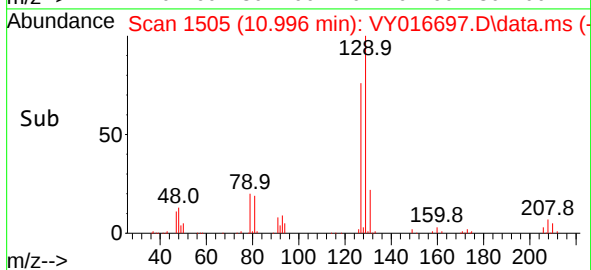
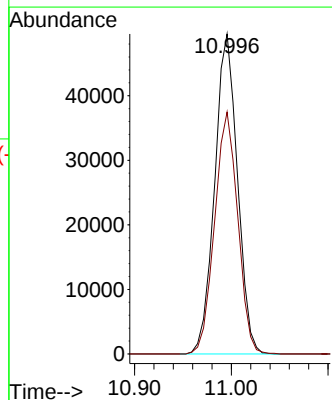
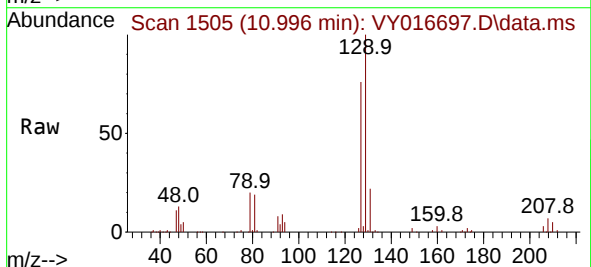
Manual Integrations
APPROVED

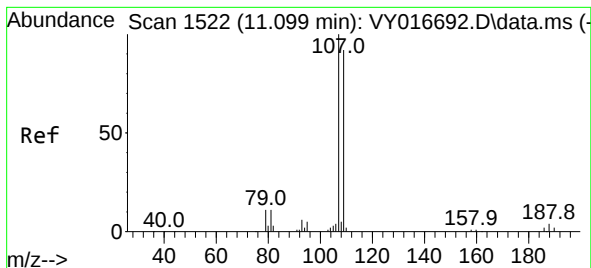
Reviewed By :Mahesh Dadoda 12/20/2023
Supervised By :Semsettin Yesilyurt 12/20/2023



#60
Dibromochloromethane
Concen: 49.138 ug/l
RT: 10.996 min Scan# 1505
Delta R.T. 0.006 min
Lab File: VY016697.D
Acq: 19 Dec 2023 15:24

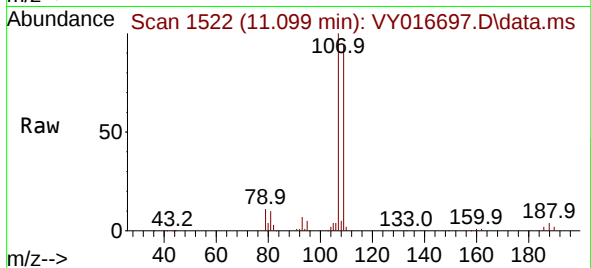
Tgt Ion:129 Resp: 80991
Ion Ratio Lower Upper
129 100
127 76.8 38.0 113.9





#61
1,2-Dibromoethane
Concen: 48.082 ug/l
RT: 11.099 min Scan# 1522
Delta R.T. -0.000 min
Lab File: VY016697.D
Acq: 19 Dec 2023 15:24

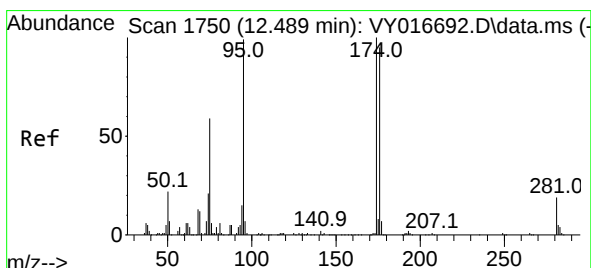
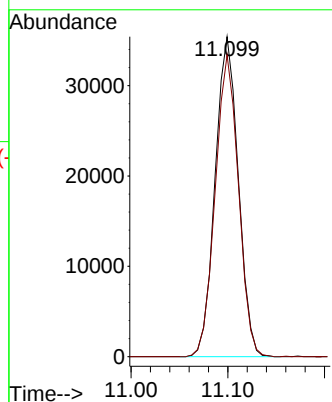
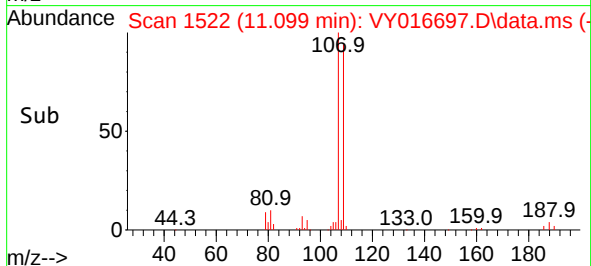
Instrument :
MSVOA_Y
ClientSampleId :
ICVY121923



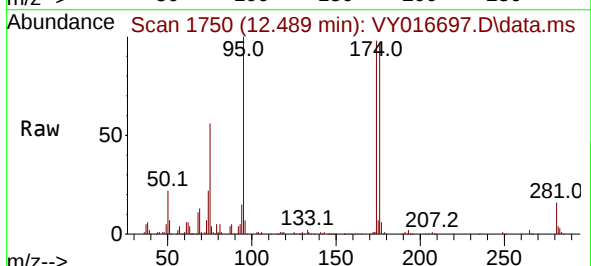
Tgt Ion:107 Resp: 5878
Ion Ratio Lower Upper
107 100
109 94.6 74.7 112.1

Manual Integrations
APPROVED

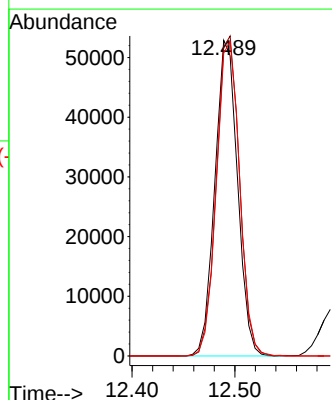
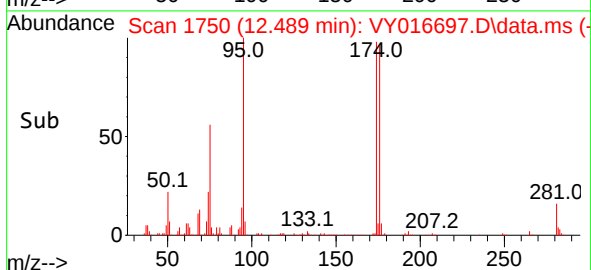
Reviewed By :Mahesh Dadoda 12/20/2023
Supervised By :Semsettin Yesilyurt 12/20/2023

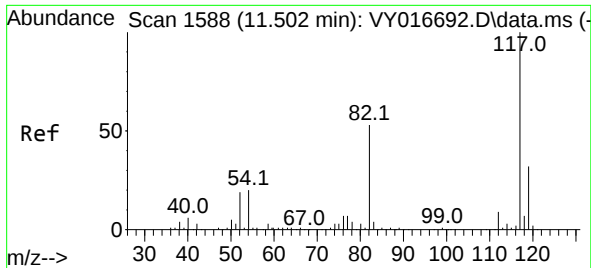


#62
4-Bromofluorobenzene
Concen: 46.817 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VY016697.D
Acq: 19 Dec 2023 15:24



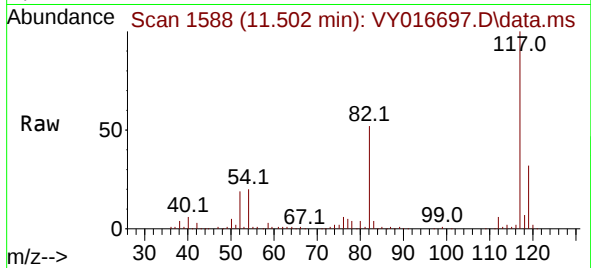
Tgt Ion: 95 Resp: 80765
Ion Ratio Lower Upper
95 100
174 103.4 0.0 181.0
176 101.9 0.0 176.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 11588
Delta R.T. -0.000 min
Lab File: VY016697.D
Acq: 19 Dec 2023 15:24

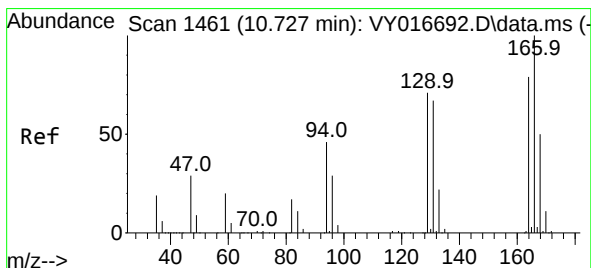
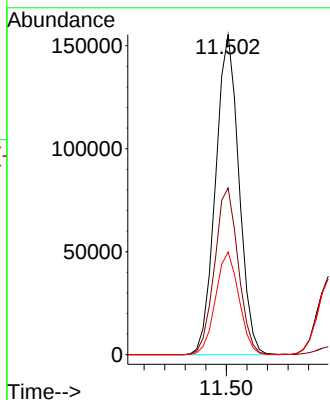
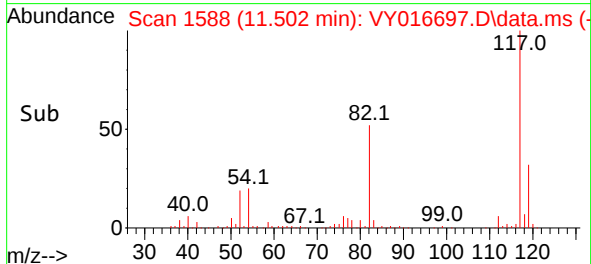
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY121923



Tgt Ion:117 Resp: 245300
Ion Ratio Lower Upper
117 100
82 52.1 41.0 61.6
119 32.1 25.8 38.8

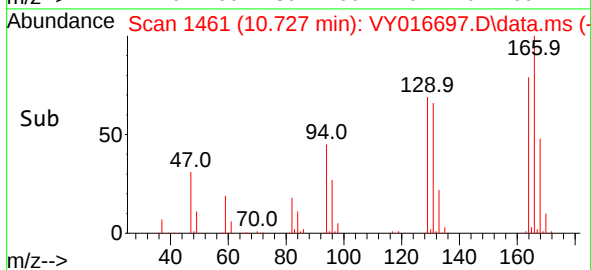
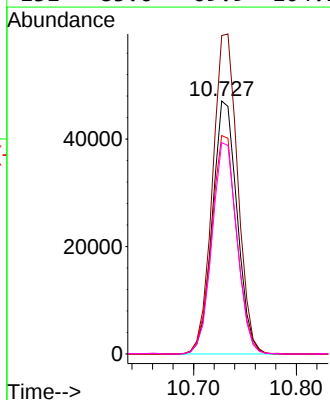
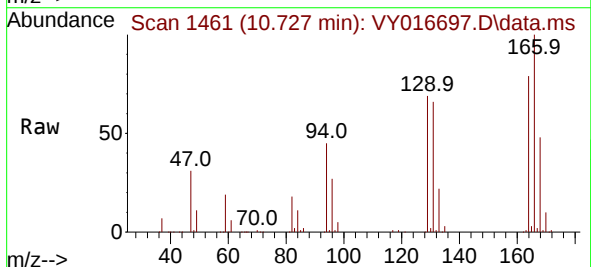
Manual Integrations
APPROVED

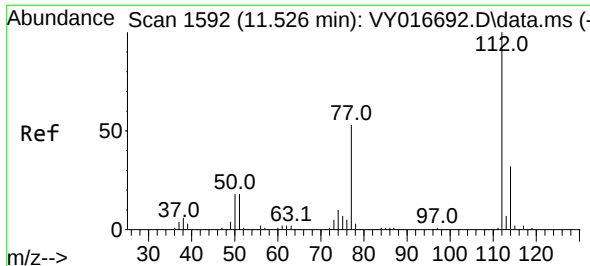
Reviewed By :Mahesh Dadoda 12/20/2023
Supervised By :Semsettin Yesilyurt 12/20/2023



#64
Tetrachloroethene
Concen: 46.500 ug/l
RT: 10.727 min Scan# 1461
Delta R.T. -0.000 min
Lab File: VY016697.D
Acq: 19 Dec 2023 15:24

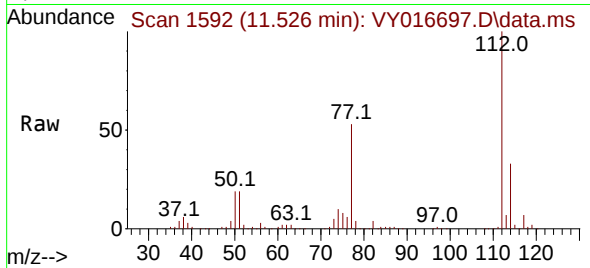
Tgt Ion:164 Resp: 78682
Ion Ratio Lower Upper
164 100
166 125.9 103.9 155.9
129 86.4 71.4 107.2
131 83.6 69.9 104.9





#65
Chlorobenzene
Concen: 46.689 ug/l
RT: 11.526 min Scan# 111
Delta R.T. -0.000 min
Lab File: VY016697.D
Acq: 19 Dec 2023 15:24

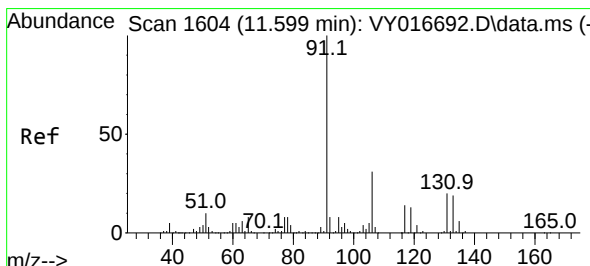
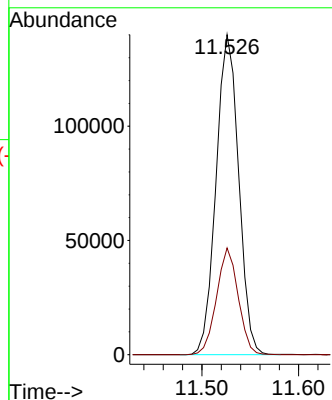
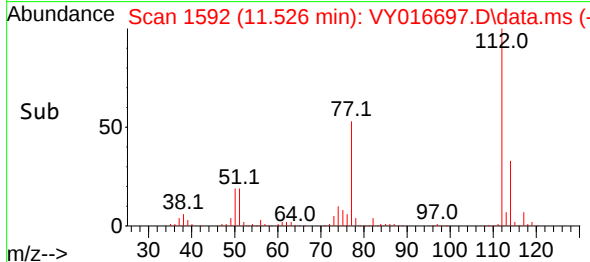
Instrument :
MSVOA_Y
ClientSampleId :
ICVY121923



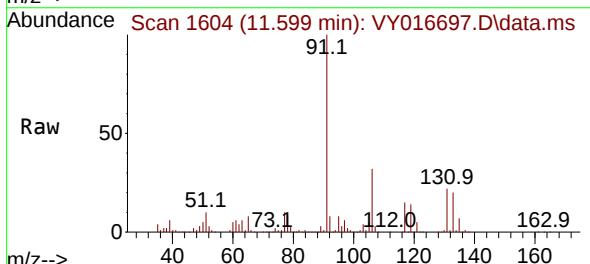
Tgt Ion:112 Resp: 22681
Ion Ratio Lower Upper
112 100
114 33.4 25.0 37.4

Manual Integrations
APPROVED

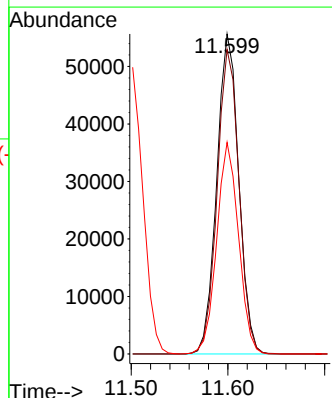
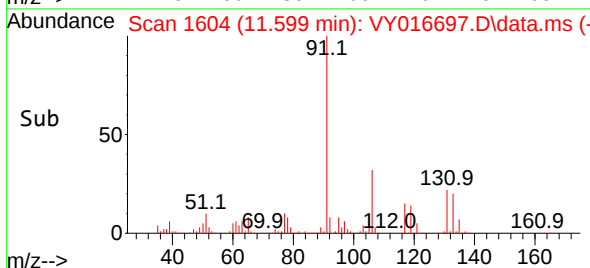
Reviewed By :Mahesh Dadoda 12/20/2023
Supervised By :Semsettin Yesilyurt 12/20/2023

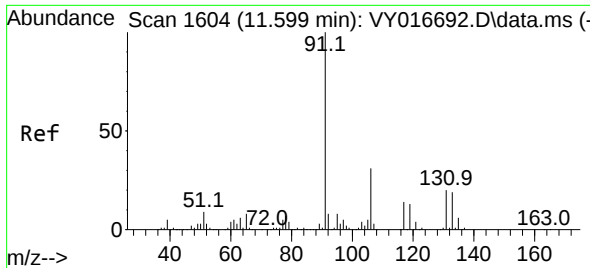


#66
1,1,1,2-Tetrachloroethane
Concen: 46.648 ug/l
RT: 11.599 min Scan# 1604
Delta R.T. -0.000 min
Lab File: VY016697.D
Acq: 19 Dec 2023 15:24



Tgt Ion:131 Resp: 87792
Ion Ratio Lower Upper
131 100
133 94.5 48.5 145.6
119 65.7 32.9 98.7





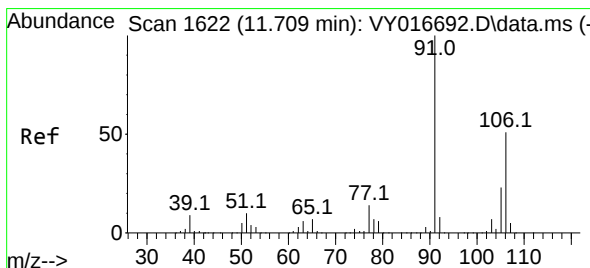
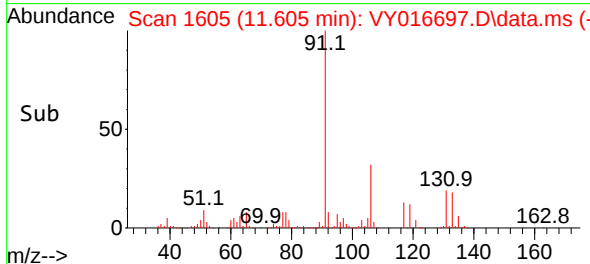
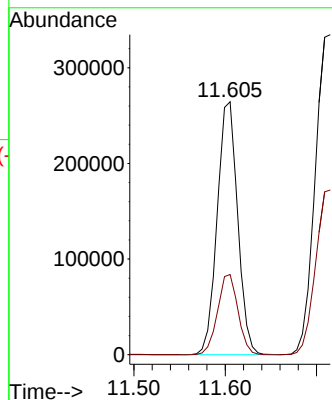
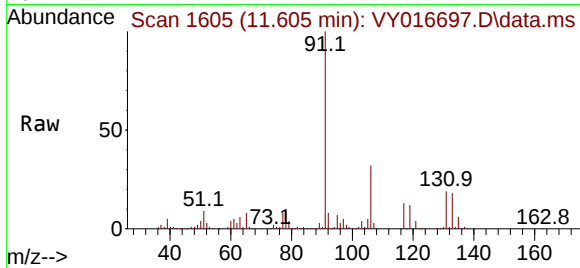
#67
Ethyl Benzene
Concen: 47.421 ug/l
RT: 11.605 min Scan# 1605
Delta R.T. 0.006 min
Lab File: VY016697.D
Acq: 19 Dec 2023 15:24

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY121923

Tgt Ion: 91 Resp: 411554
Ion Ratio Lower Upper
91 100
106 31.7 24.7 37.1

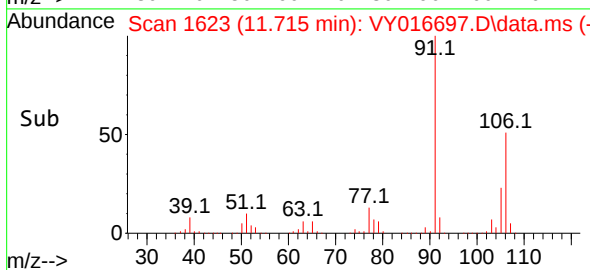
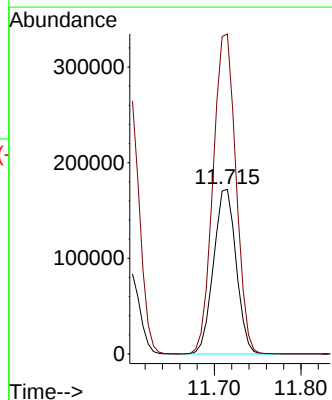
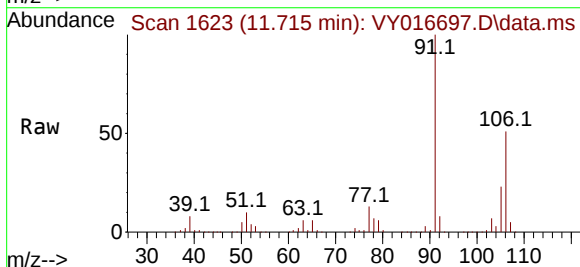
Manual Integrations
APPROVED

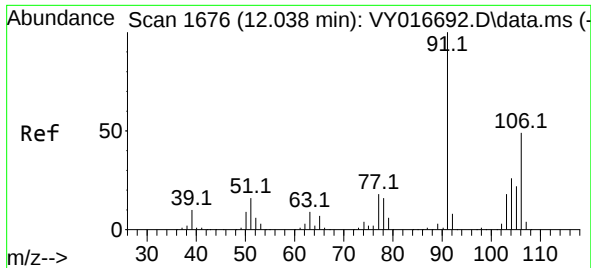
Reviewed By :Mahesh Dadoda 12/20/2023
Supervised By :Semsettin Yesilyurt 12/20/2023



#68
m/p-Xylenes
Concen: 94.942 ug/l
RT: 11.715 min Scan# 1623
Delta R.T. 0.006 min
Lab File: VY016697.D
Acq: 19 Dec 2023 15:24

Tgt Ion:106 Resp: 312335
Ion Ratio Lower Upper
106 100
91 196.8 156.2 234.2





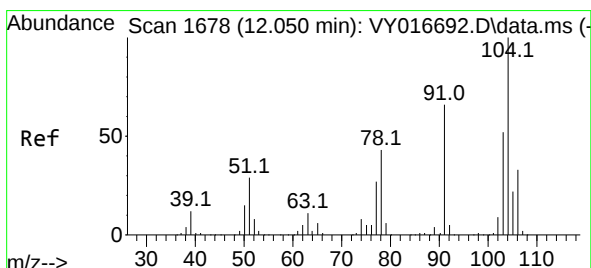
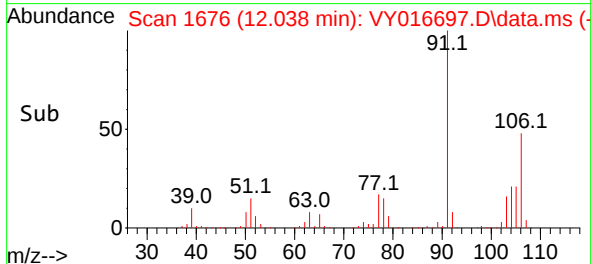
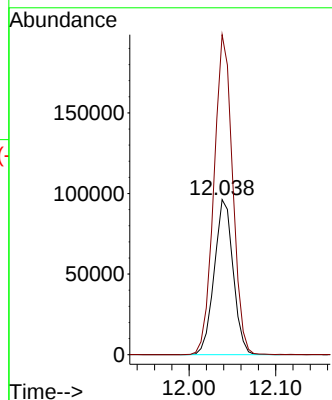
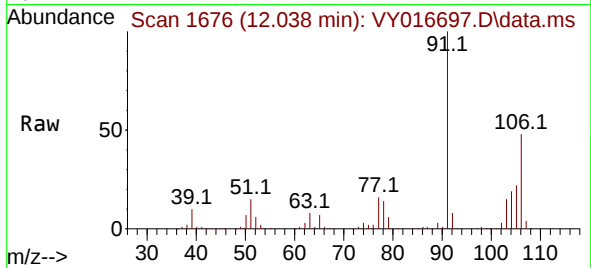
#69
o-Xylene
Concen: 48.493 ug/l
RT: 12.038 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VY016697.D
Acq: 19 Dec 2023 15:24

Instrument : MSVOA_Y
ClientSampleId : ICVVY121923

Tgt Ion:106 Resp: 14573
Ion Ratio Lower Upper
106 100
91 204.4 102.8 308.4

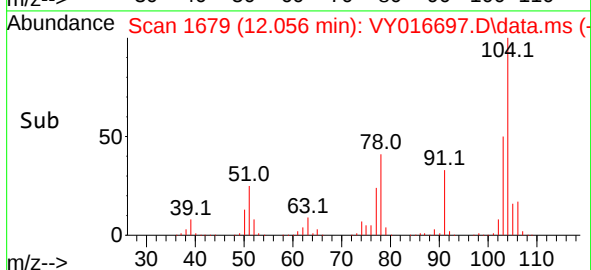
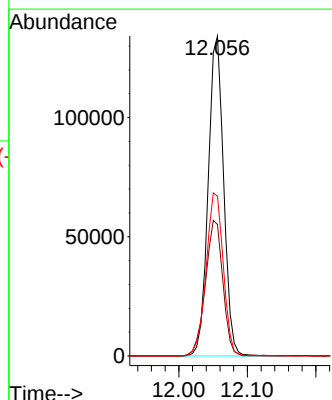
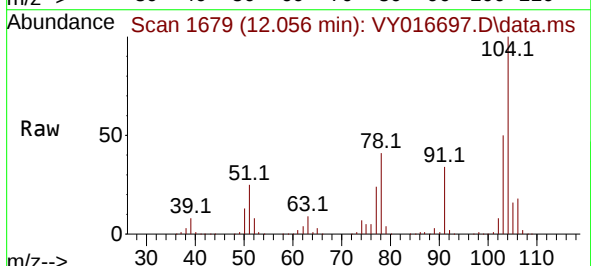
Manual Integrations
APPROVED

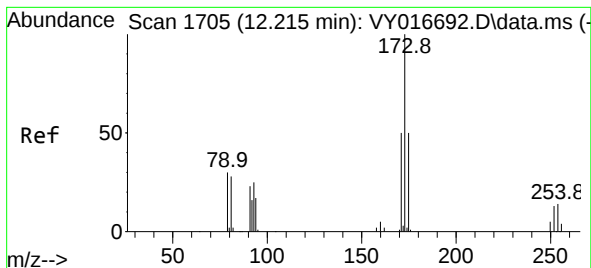
Reviewed By :Mahesh Dadoda 12/20/2023
Supervised By :Semsettin Yesilyurt 12/20/2023



#70
Styrene
Concen: 48.533 ug/l
RT: 12.056 min Scan# 1679
Delta R.T. 0.006 min
Lab File: VY016697.D
Acq: 19 Dec 2023 15:24

Tgt Ion:104 Resp: 210605
Ion Ratio Lower Upper
104 100
78 47.8 38.2 57.2
103 56.6 44.3 66.5





#71

Bromoform

Concen: 48.066 ug/l

RT: 12.221 min Scan# 1706

Delta R.T. 0.006 min

Lab File: VY016697.D

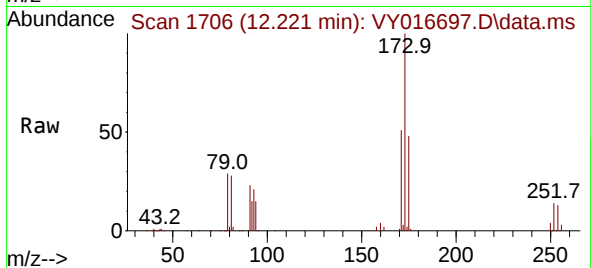
Acq: 19 Dec 2023 15:24

Instrument :

MSVOA_Y

ClientSampleId :

ICVY121923

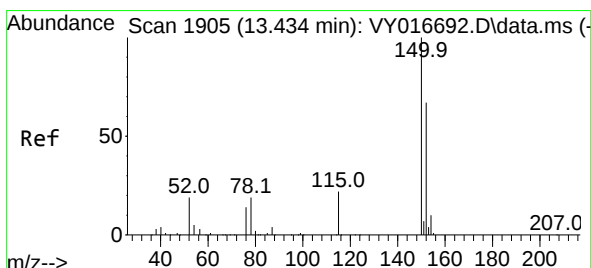
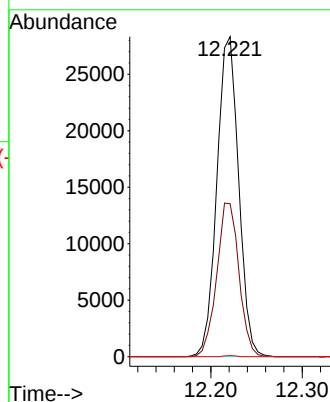
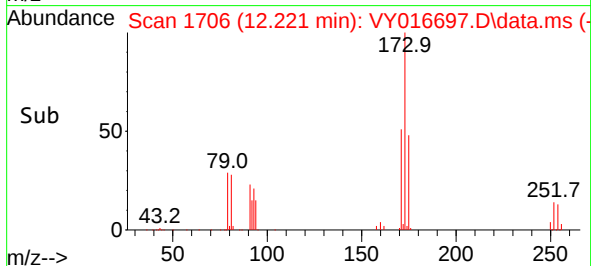


Tgt Ion:	173	Resp:	4685
Ion Ratio	Lower	Upper	
173	100		
175	49.1	24.2	72.6
254	0.2	0.0	0.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/20/2023
Supervised By :Semsettin Yesilyurt 12/20/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

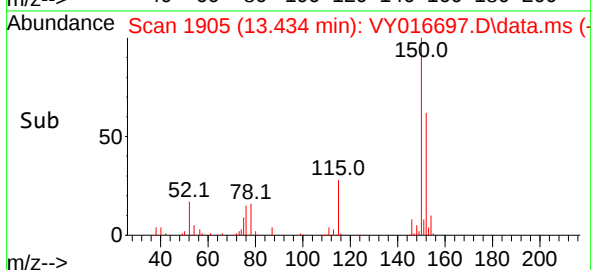
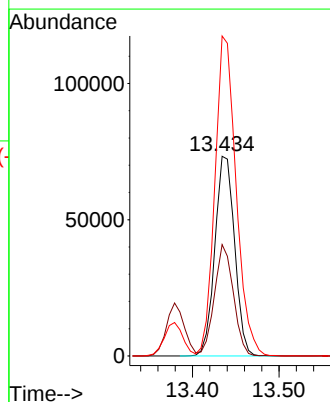
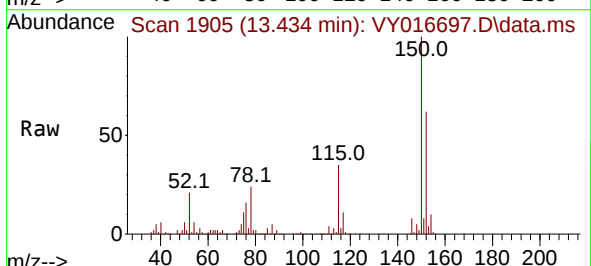
RT: 13.434 min Scan# 1905

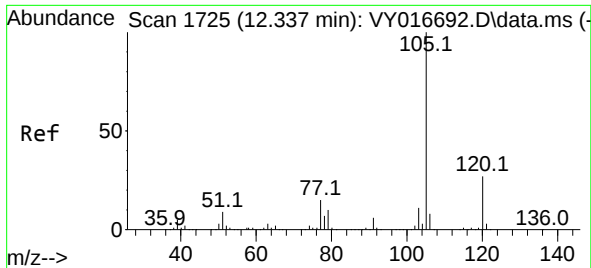
Delta R.T. -0.000 min

Lab File: VY016697.D

Acq: 19 Dec 2023 15:24

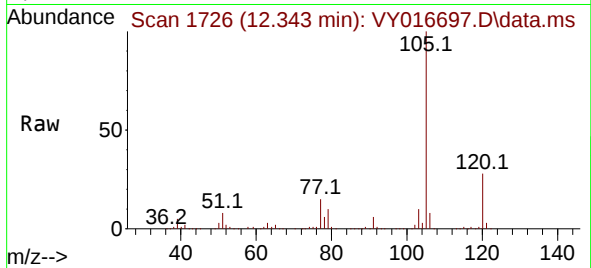
Tgt Ion:	152	Resp:	116098
Ion Ratio	Lower	Upper	
152	100		
115	53.7	28.2	84.7
150	172.5	0.0	350.6





#73
Isopropylbenzene
Concen: 48.306 ug/l
RT: 12.343 min Scan# 1725
Delta R.T. 0.006 min
Lab File: VY016697.D
Acq: 19 Dec 2023 15:24

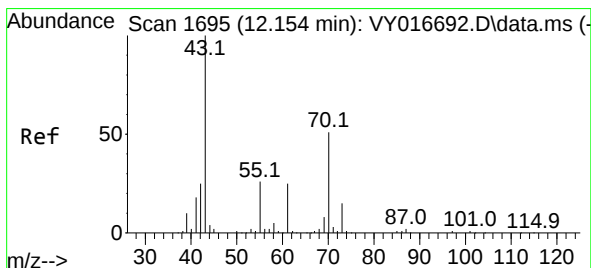
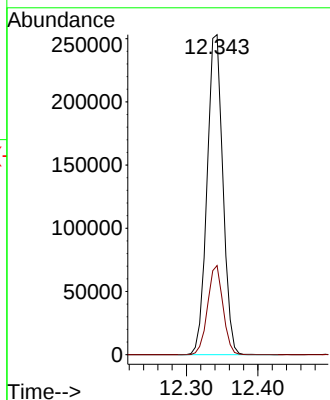
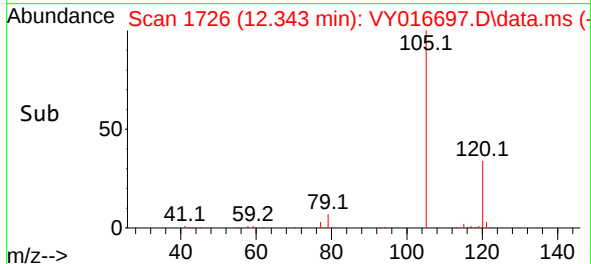
Instrument :
MSVOA_Y
ClientSampleId :
ICVY121923



Tgt Ion:105 Resp: 38776
Ion Ratio Lower Upper
105 100
120 27.1 13.6 40.8

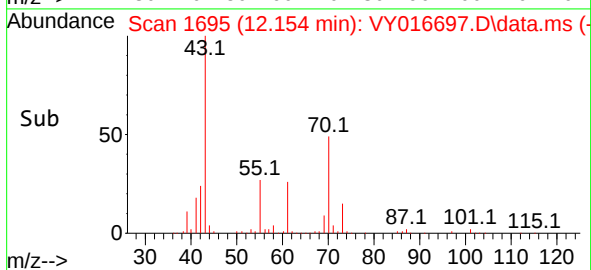
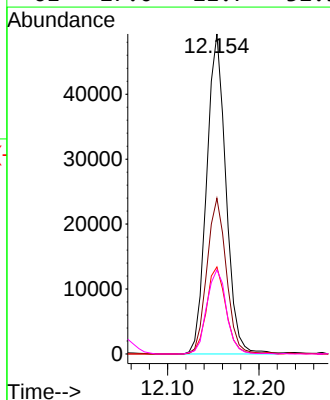
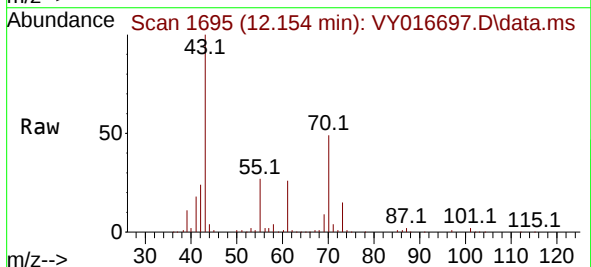
Manual Integrations
APPROVED

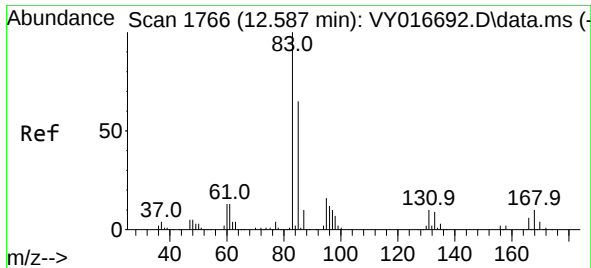
Reviewed By :Mahesh Dadoda 12/20/2023
Supervised By :Semsettin Yesilyurt 12/20/2023



#74
N-ethyl acetate
Concen: 49.603 ug/l
RT: 12.154 min Scan# 1695
Delta R.T. -0.000 min
Lab File: VY016697.D
Acq: 19 Dec 2023 15:24

Tgt Ion: 43 Resp: 72050
Ion Ratio Lower Upper
43 100
70 49.2 41.2 61.8
55 27.5 22.2 33.2
61 27.0 21.7 32.5





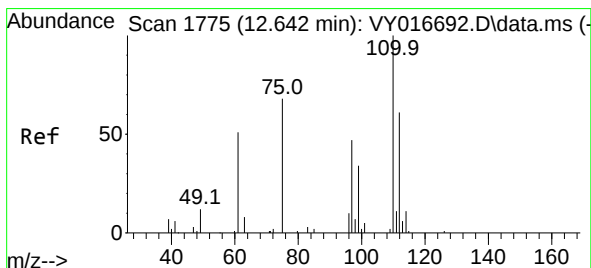
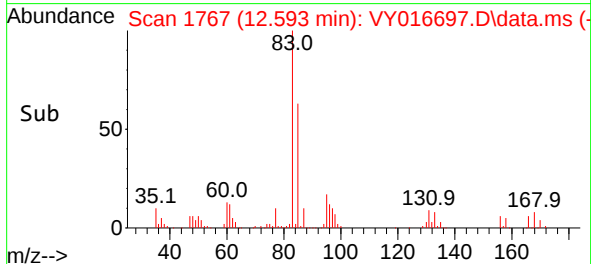
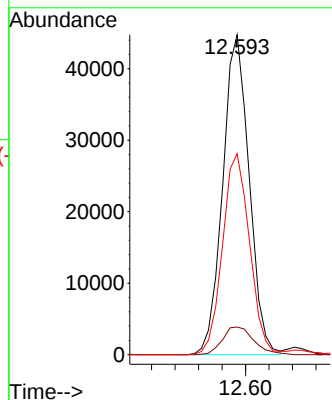
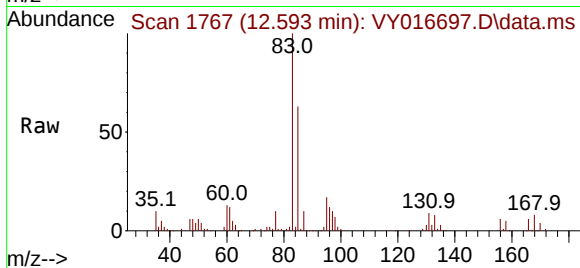
#75
1,1,2,2-Tetrachloroethane
Concen: 46.847 ug/l
RT: 12.593 min Scan# 1767
Delta R.T. 0.006 min
Lab File: VY016697.D
Acq: 19 Dec 2023 15:24

Instrument :
MSVOA_Y
ClientSampleId :
ICVY121923

Tgt Ion: 83 Resp: 69974
Ion Ratio Lower Upper
83 100
131 10.3 5.5 16.4
85 64.5 32.0 96.0

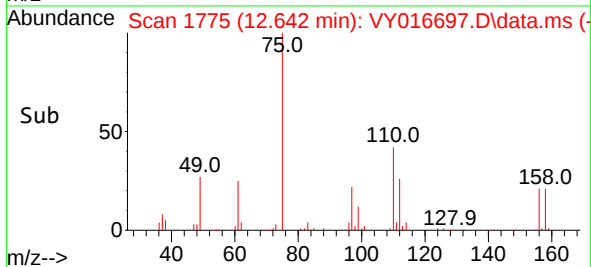
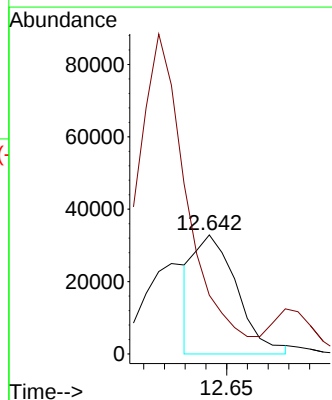
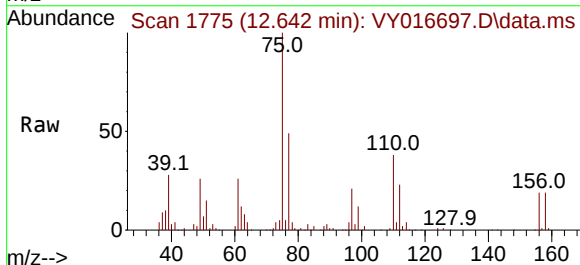
Manual Integrations
APPROVED

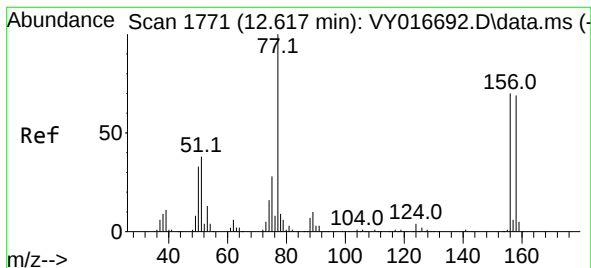
Reviewed By :Mahesh Dadoda 12/20/2023
Supervised By :Semsettin Yesilyurt 12/20/2023



#76
1,2,3-Trichloropropane
Concen: 46.866 ug/l m
RT: 12.642 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VY016697.D
Acq: 19 Dec 2023 15:24

Tgt Ion: 75 Resp: 47297
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 47.614 ug/l

RT: 12.617 min Scan# 1771

Delta R.T. -0.000 min

Lab File: VY016697.D

Acq: 19 Dec 2023 15:24

Instrument :

MSVOA_Y

ClientSampleId :

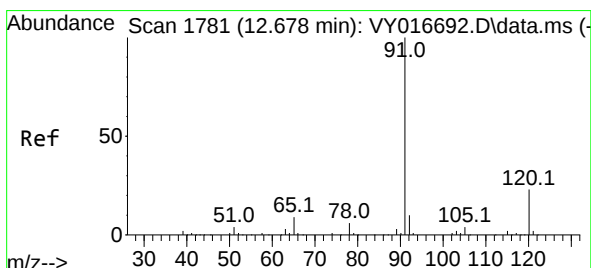
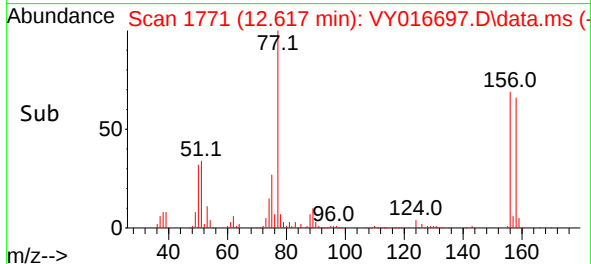
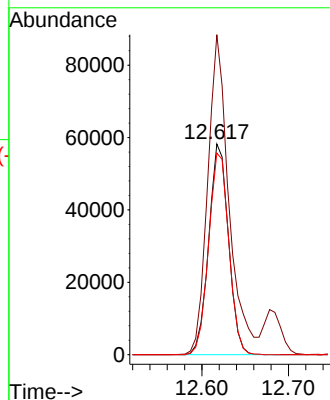
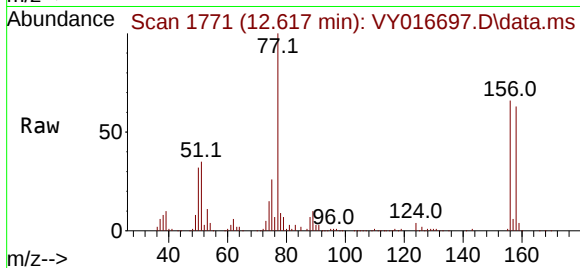
ICVY121923

Tgt Ion:	156	Resp:	9215
Ion Ratio	Lower	Upper	
156	100		
77	164.0	83.5	250.7
158	97.8	49.0	147.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/20/2023
Supervised By :Semsettin Yesilyurt 12/20/2023



#78

n-propylbenzene

Concen: 47.866 ug/l

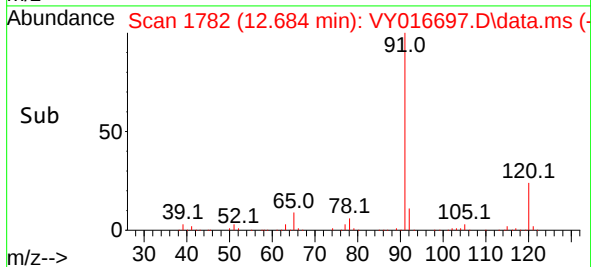
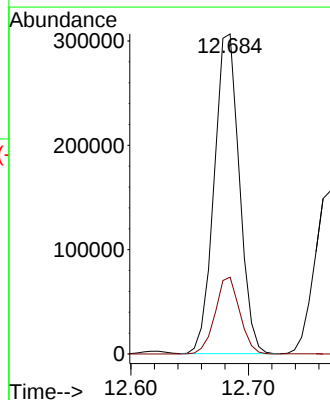
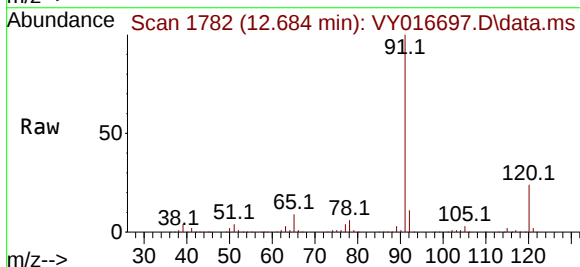
RT: 12.684 min Scan# 1782

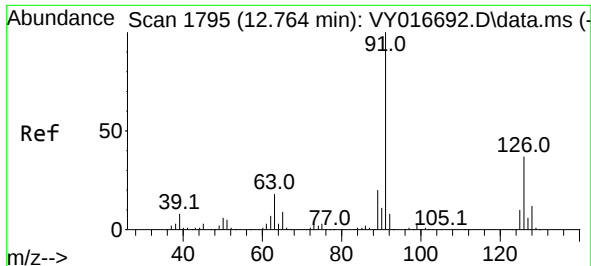
Delta R.T. 0.006 min

Lab File: VY016697.D

Acq: 19 Dec 2023 15:24

Tgt Ion:	91	Resp:	455524
Ion Ratio	Lower	Upper	
91	100		
120	23.4	11.9	35.7





#79

2-Chlorotoluene

Concen: 47.479 ug/l

RT: 12.770 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY016697.D

Acq: 19 Dec 2023 15:24

Instrument :

MSVOA_Y

ClientSampleId :

ICVY121923

Tgt Ion: 91 Resp: 242034

Ion Ratio Lower Upper

91 100

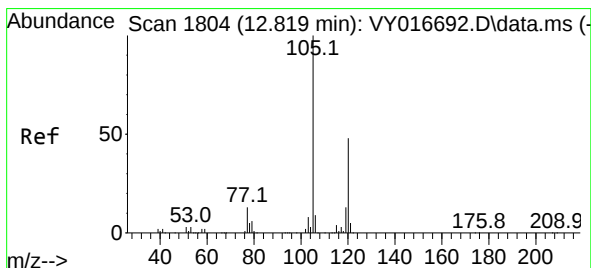
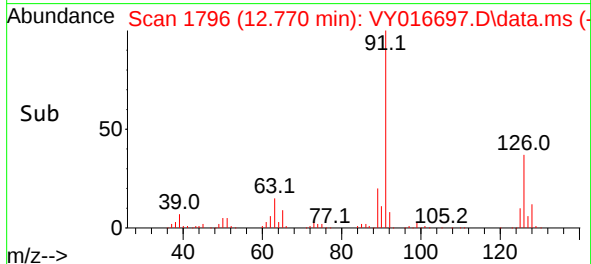
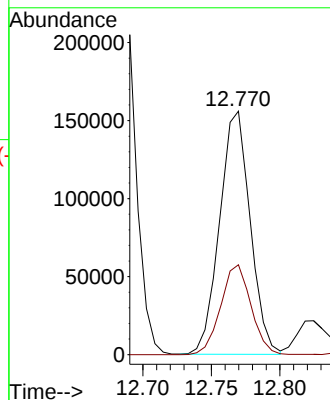
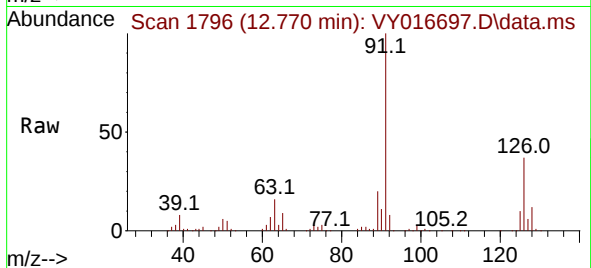
126 36.7 18.0 54.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/20/2023

Supervised By :Semsettin Yesilyurt 12/20/2023



#80

1,3,5-Trimethylbenzene

Concen: 48.356 ug/l

RT: 12.825 min Scan# 1805

Delta R.T. 0.006 min

Lab File: VY016697.D

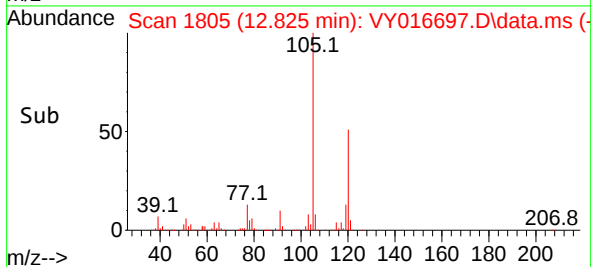
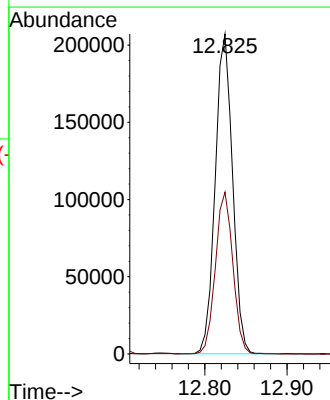
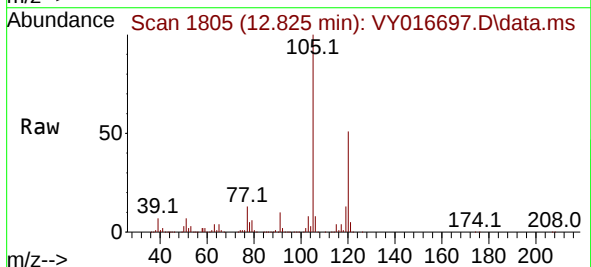
Acq: 19 Dec 2023 15:24

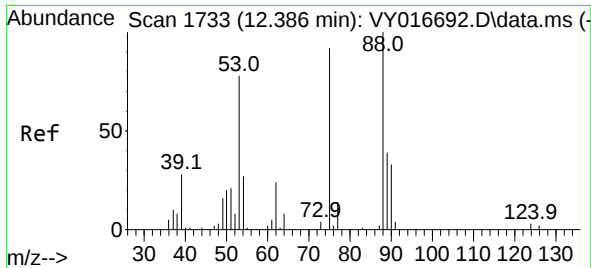
Tgt Ion:105 Resp: 304176

Ion Ratio Lower Upper

105 100

120 50.9 25.2 75.6





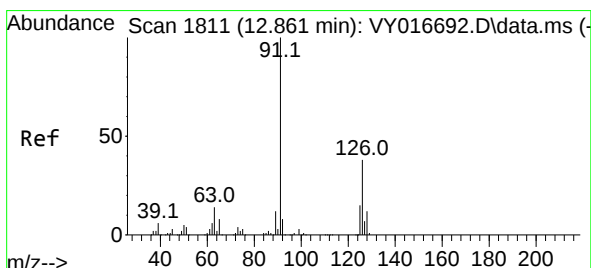
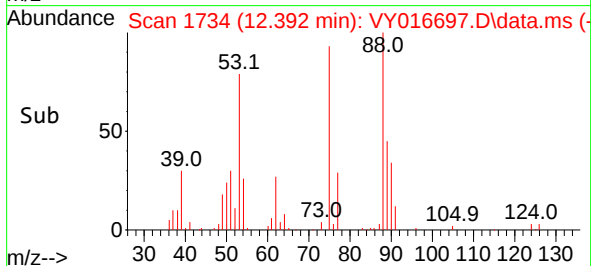
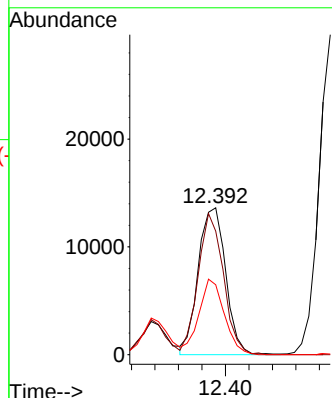
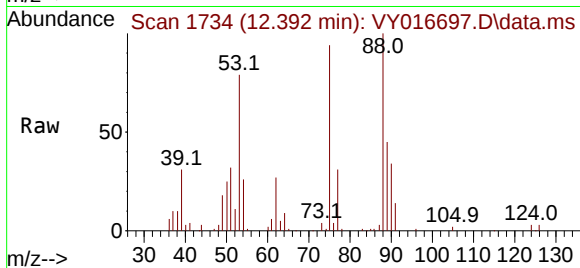
#81
trans-1,4-Dichloro-2-butene
Concen: 50.419 ug/l
RT: 12.392 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY016697.D
Acq: 19 Dec 2023 15:24

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY121923

Tgt Ion: 75 Resp: 2217
Ion Ratio Lower Upper
75 100
53 88.9 62.9 94.3
89 47.7 35.8 53.8

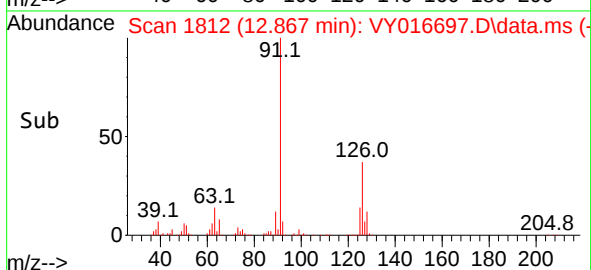
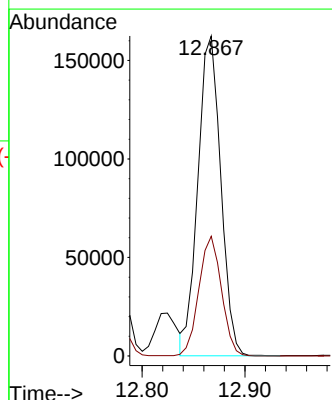
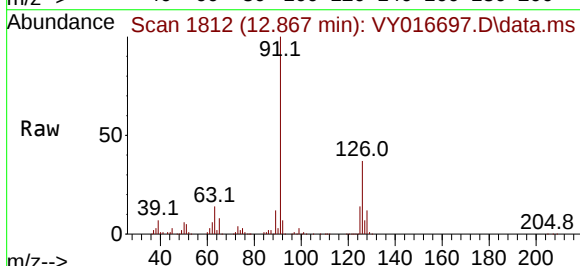
Manual Integrations
APPROVED

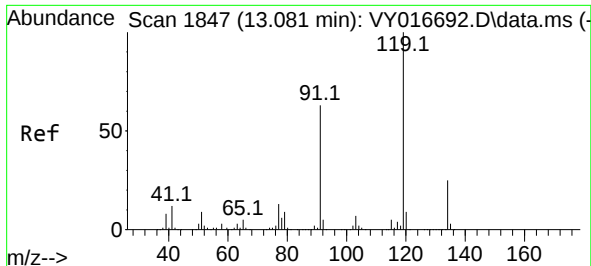
Reviewed By :Mahesh Dadoda 12/20/2023
Supervised By :Semsettin Yesilyurt 12/20/2023



#82
4-Chlorotoluene
Concen: 47.673 ug/l
RT: 12.867 min Scan# 1812
Delta R.T. 0.006 min
Lab File: VY016697.D
Acq: 19 Dec 2023 15:24

Tgt Ion: 91 Resp: 251297
Ion Ratio Lower Upper
91 100
126 37.0 18.0 54.0





#83
tert-Butylbenzene
Concen: 48.528 ug/l
RT: 13.087 min Scan# 1847
Delta R.T. 0.006 min
Lab File: VY016697.D
Acq: 19 Dec 2023 15:24

Instrument :

MSVOA_Y

ClientSampleId :

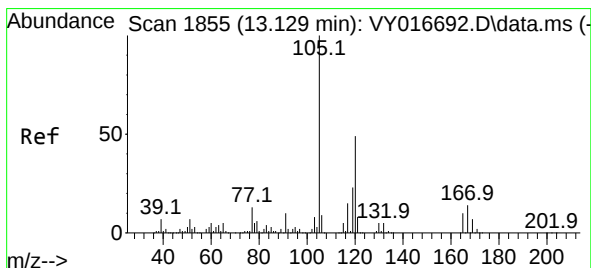
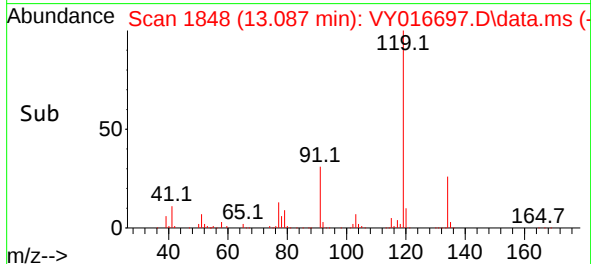
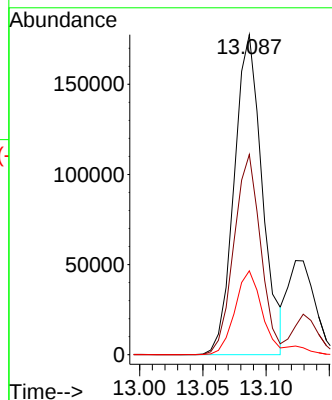
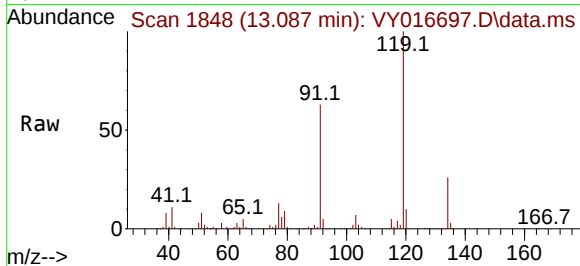
ICVY121923

Tgt Ion:119 Resp: 274684
Ion Ratio Lower Upper
119 100
91 59.6 30.8 92.3
134 27.2 13.3 39.8

Manual Integrations

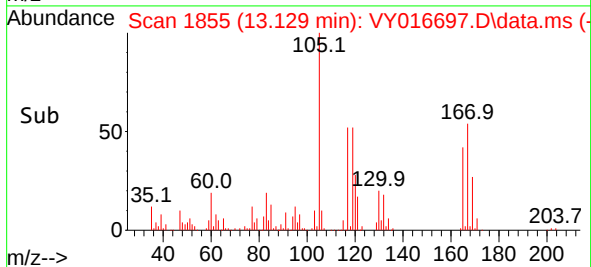
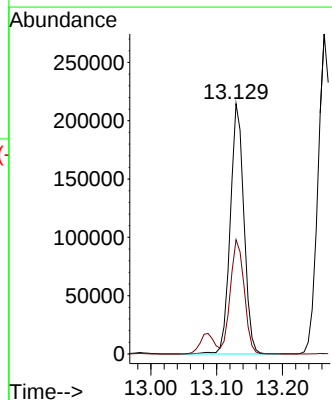
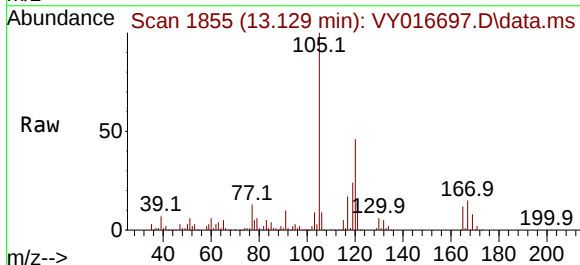
APPROVED

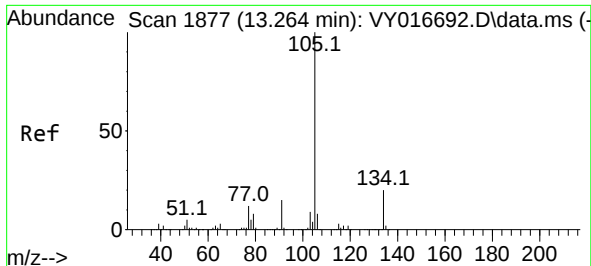
Reviewed By :Mahesh Dadoda 12/20/2023
Supervised By :Semsettin Yesilyurt 12/20/2023



#84
1,2,4-Trimethylbenzene
Concen: 48.985 ug/l
RT: 13.129 min Scan# 1855
Delta R.T. -0.000 min
Lab File: VY016697.D
Acq: 19 Dec 2023 15:24

Tgt Ion:105 Resp: 308865
Ion Ratio Lower Upper
105 100
120 46.5 23.2 69.5





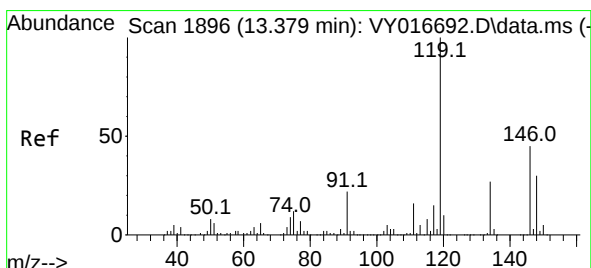
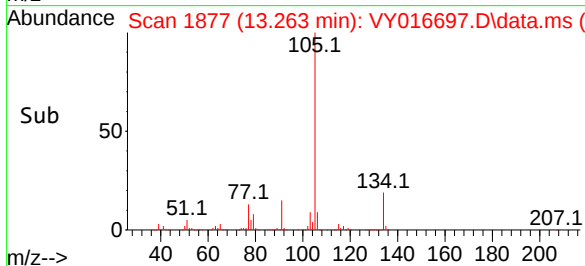
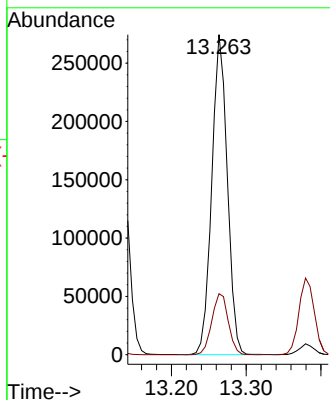
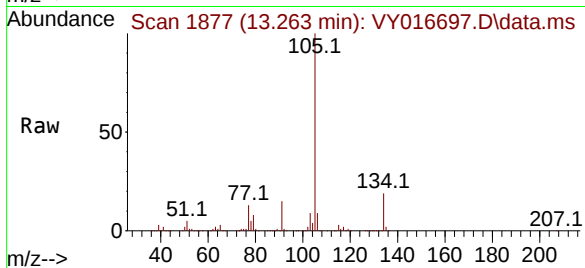
#85
 sec-Butylbenzene
 Concen: 48.482 ug/l
 RT: 13.263 min Scan# 1877
 Delta R.T. -0.000 min
 Lab File: VY016697.D
 Acq: 19 Dec 2023 15:24

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY121923

Tgt Ion:105 Resp: 395740
 Ion Ratio Lower Upper
 105 100
 134 20.2 10.4 31.1

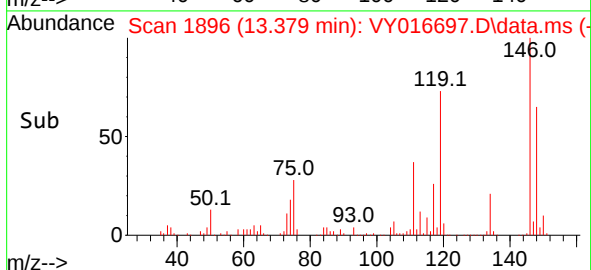
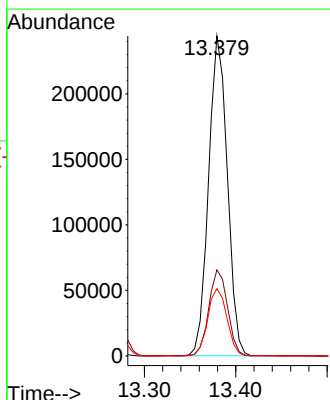
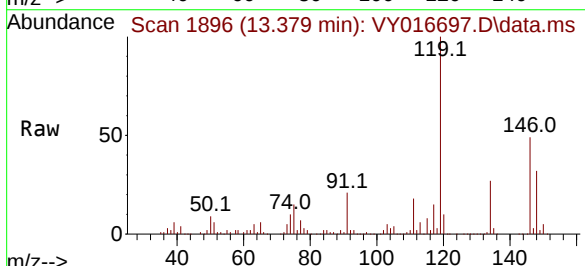
Manual Integrations
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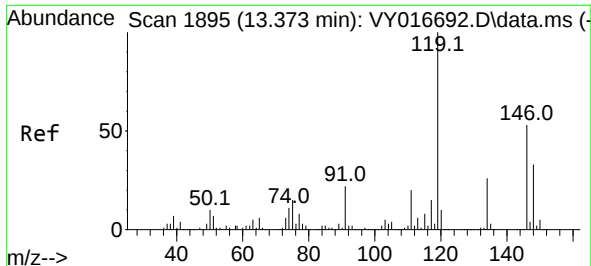
Reviewed By :Mahesh Dadoda 12/20/2023
 Supervised By :Semsettin Yesilyurt 12/20/2023



#86
 p-Isopropyltoluene
 Concen: 48.599 ug/l
 RT: 13.379 min Scan# 1896
 Delta R.T. -0.000 min
 Lab File: VY016697.D
 Acq: 19 Dec 2023 15:24

Tgt Ion:119 Resp: 346822
 Ion Ratio Lower Upper
 119 100
 134 27.1 13.4 40.1
 91 21.6 11.2 33.5





#87

1,3-Dichlorobenzene

Concen: 46.961 ug/l

RT: 13.379 min Scan# 1895

Delta R.T. 0.006 min

Lab File: VY016697.D

Acq: 19 Dec 2023 15:24

Instrument :

MSVOA_Y

ClientSampleId :

ICVY121923

Tgt Ion:146 Resp: 179860

Ion Ratio Lower Upper

146 100

111 37.4 19.1 57.1

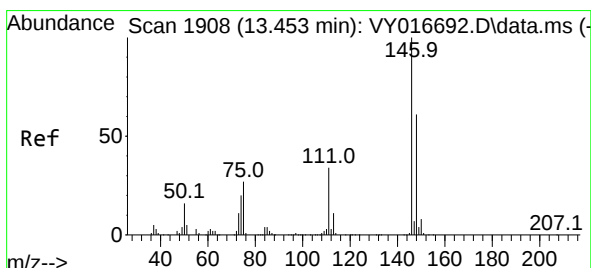
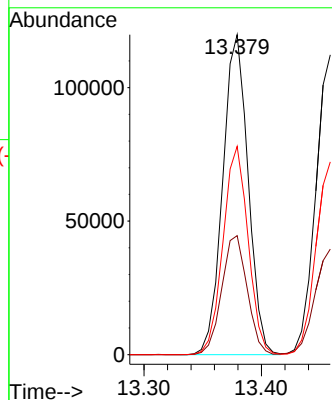
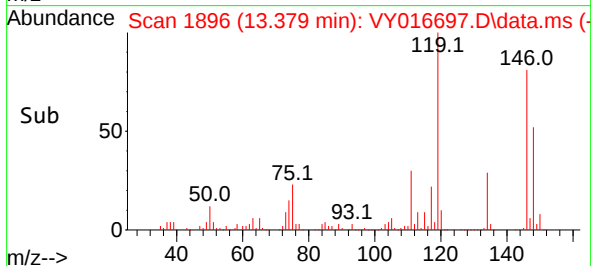
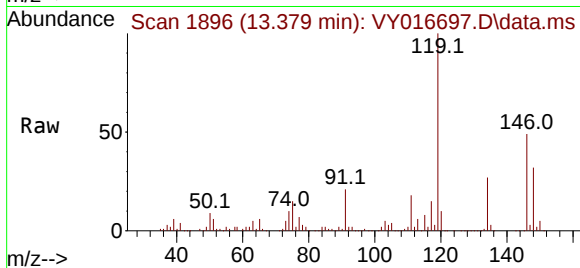
148 64.4 31.6 94.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/20/2023

Supervised By :Semsettin Yesilyurt 12/20/2023



#88

1,4-Dichlorobenzene

Concen: 47.484 ug/l

RT: 13.459 min Scan# 1909

Delta R.T. 0.006 min

Lab File: VY016697.D

Acq: 19 Dec 2023 15:24

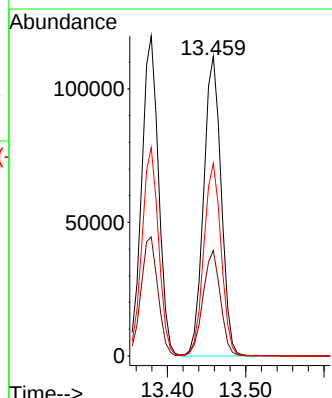
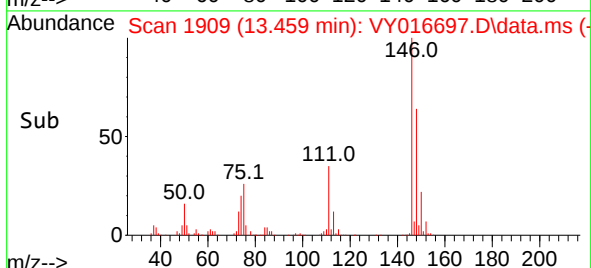
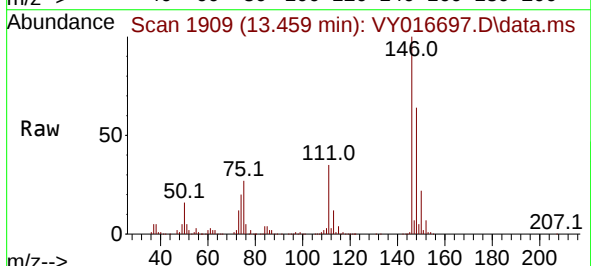
Tgt Ion:146 Resp: 174235

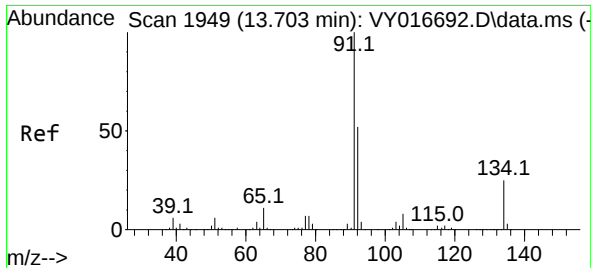
Ion Ratio Lower Upper

146 100

111 35.1 18.4 55.4

148 63.8 32.0 96.2





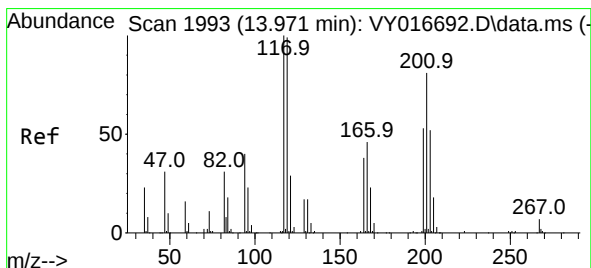
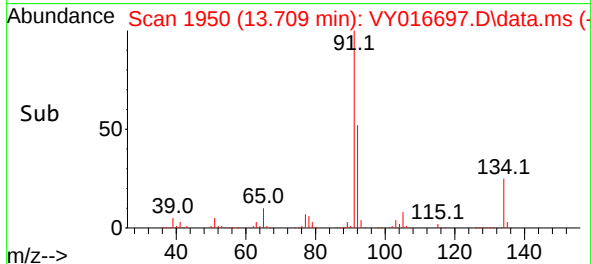
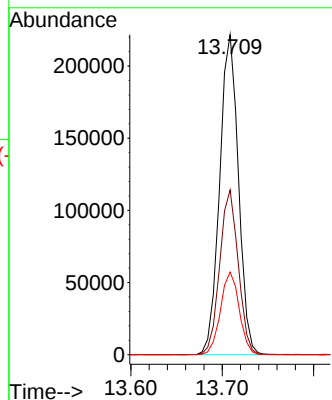
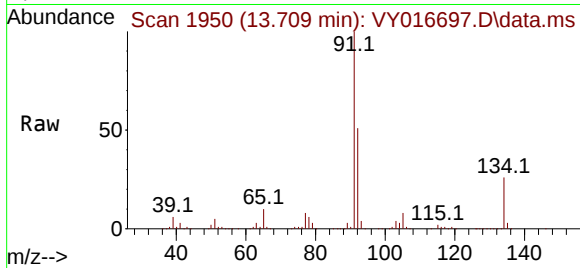
#89
n-Butylbenzene
Concen: 48.531 ug/l
RT: 13.709 min Scan# 1949
Delta R.T. 0.006 min
Lab File: VY016697.D
Acq: 19 Dec 2023 15:24

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY121923

Tgt Ion: 91 Resp: 316598
Ion Ratio Lower Upper
91 100
92 50.9 26.5 79.5
134 25.8 13.7 41.1

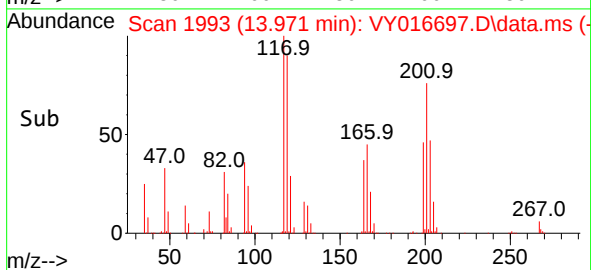
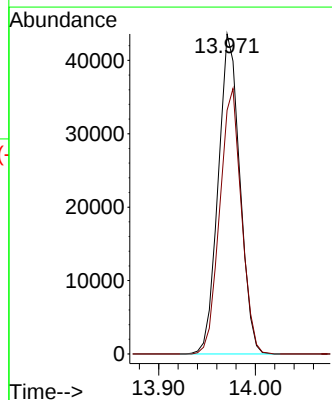
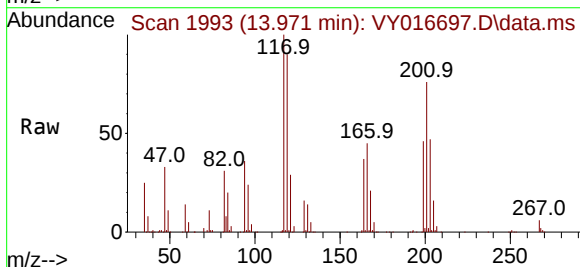
Manual Integrations
APPROVED

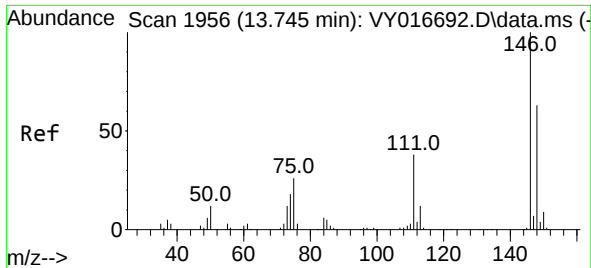
Reviewed By :Mahesh Dadoda 12/20/2023
Supervised By :Semsettin Yesilyurt 12/20/2023



#90
Hexachloroethane
Concen: 47.526 ug/l
RT: 13.971 min Scan# 1993
Delta R.T. -0.000 min
Lab File: VY016697.D
Acq: 19 Dec 2023 15:24

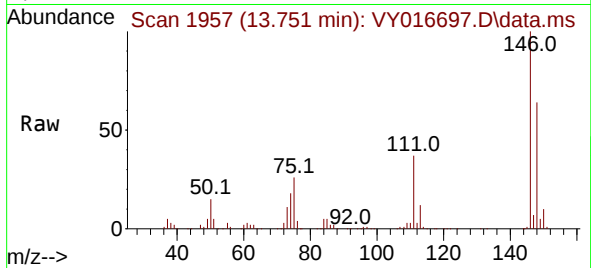
Tgt Ion:117 Resp: 67594
Ion Ratio Lower Upper
117 100
201 82.9 41.5 124.5





#91
1,2-Dichlorobenzene
Concen: 48.103 ug/l
RT: 13.751 min Scan# 1956
Delta R.T. 0.006 min
Lab File: VY016697.D
Acq: 19 Dec 2023 15:24

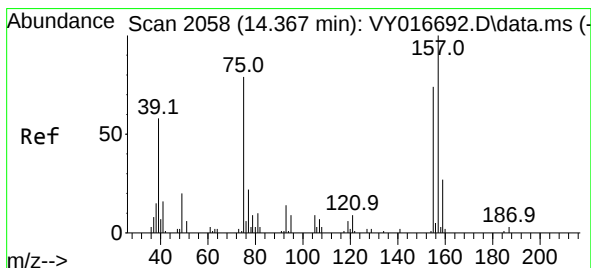
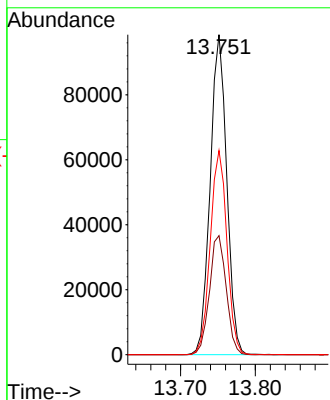
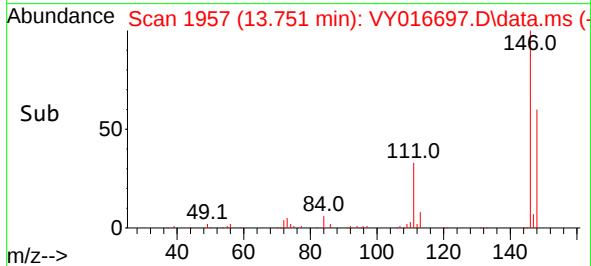
Instrument :
MSVOA_Y
ClientSampleId :
ICVY121923



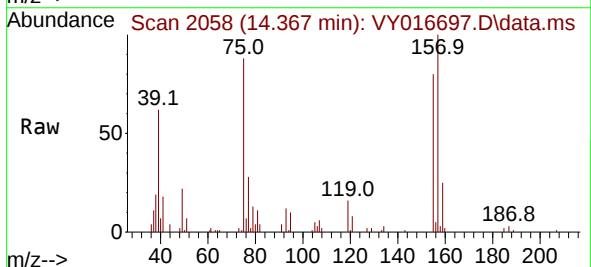
Tgt Ion:146 Resp: 15136
Ion Ratio Lower Upper
146 100
111 37.8 19.5 58.5
148 64.2 31.8 95.3

Manual Integrations
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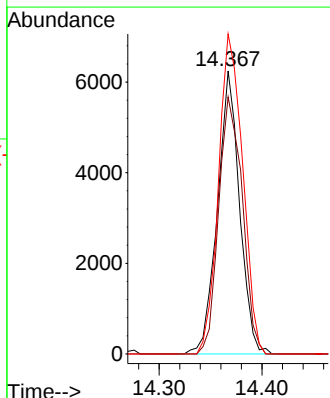
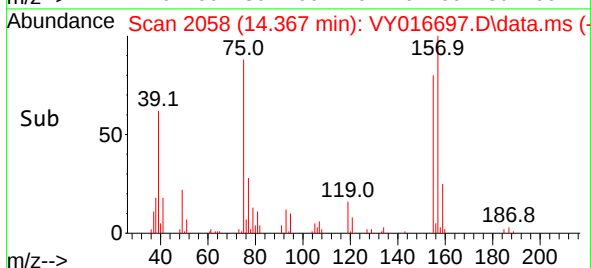
Reviewed By :Mahesh Dadoda 12/20/2023
Supervised By :Semsettin Yesilyurt 12/20/2023

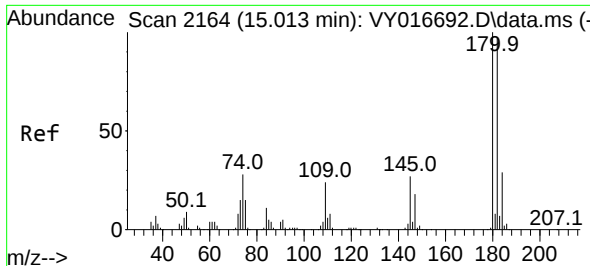


#92
1,2-Dibromo-3-Chloropropane
Concen: 47.467 ug/l
RT: 14.367 min Scan# 2058
Delta R.T. -0.000 min
Lab File: VY016697.D
Acq: 19 Dec 2023 15:24



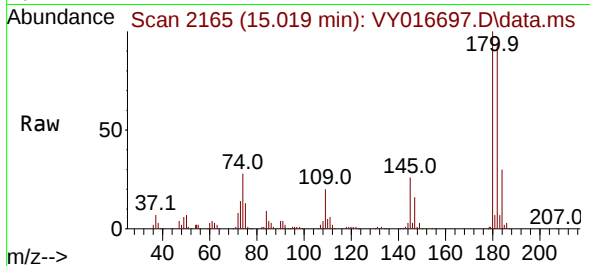
Tgt Ion: 75 Resp: 9296
Ion Ratio Lower Upper
75 100
155 97.3 49.4 148.2
157 123.5 64.4 193.2





#93
1,2,4-Trichlorobenzene
Concen: 51.081 ug/l
RT: 15.019 min Scan# 2165
Delta R.T. 0.006 min
Lab File: VY016697.D
Acq: 19 Dec 2023 15:24

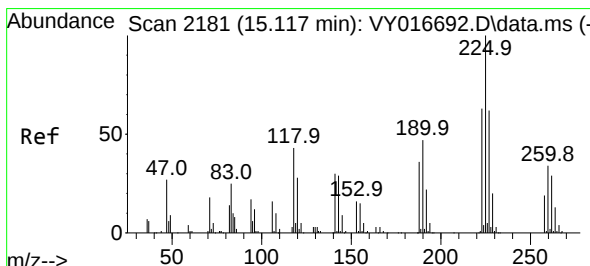
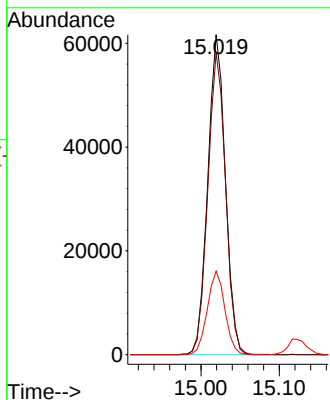
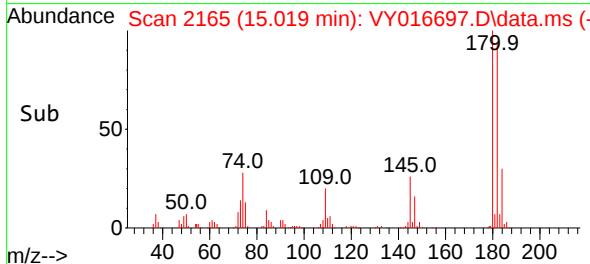
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY121923



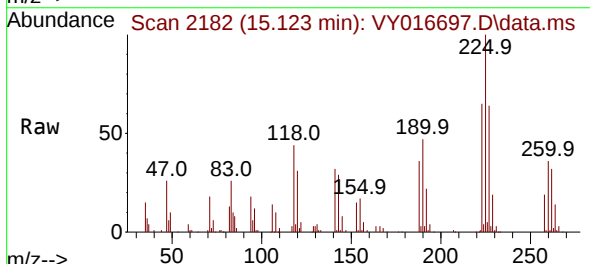
Tgt Ion:180 Resp: 96080
Ion Ratio Lower Upper
180 100
182 95.3 47.6 142.9
145 26.0 14.8 44.4

Manual Integrations
APPROVED

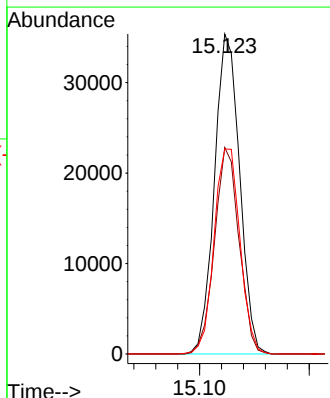
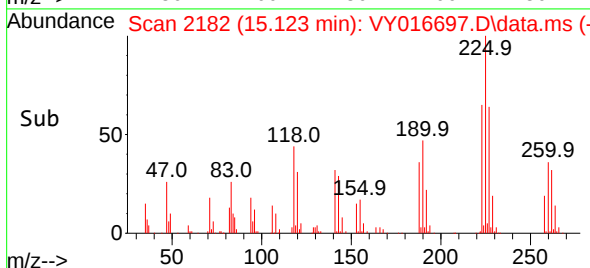
Reviewed By :Mahesh Dadoda 12/20/2023
Supervised By :Semsettin Yesilyurt 12/20/2023

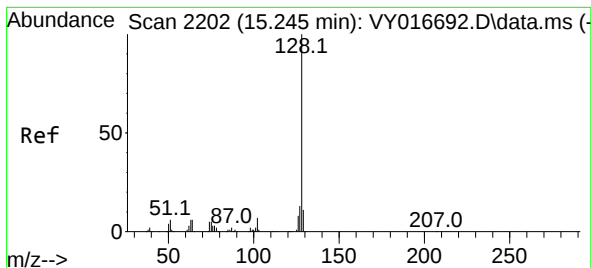


#94
Hexachlorobutadiene
Concen: 47.471 ug/l
RT: 15.123 min Scan# 2182
Delta R.T. 0.006 min
Lab File: VY016697.D
Acq: 19 Dec 2023 15:24



Tgt Ion:225 Resp: 56434
Ion Ratio Lower Upper
225 100
223 63.0 31.4 94.2
227 65.9 31.9 95.9





#95

Naphthalene

Concen: 53.480 ug/l

RT: 15.251 min Scan# 21

Delta R.T. 0.006 min

Lab File: VY016697.D

Acq: 19 Dec 2023 15:24

Instrument :

MSVOA_Y

ClientSampleId :

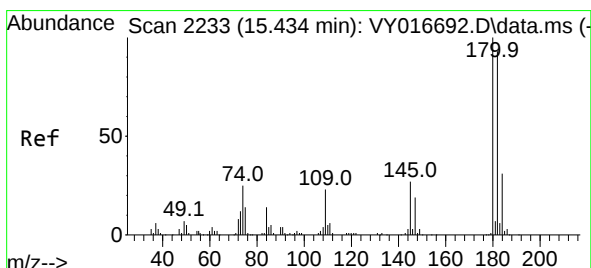
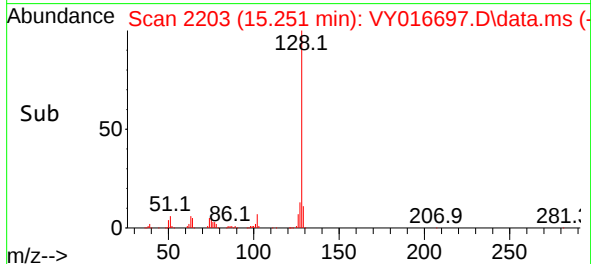
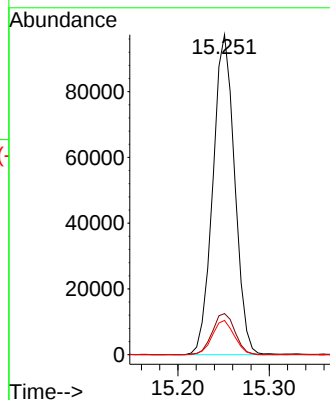
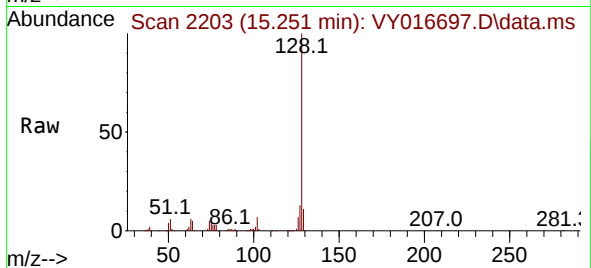
ICVY121923

Tgt Ion:	128	Resp:	161024
Ion Ratio	Lower	Upper	
128	100		
127	13.5	10.1	15.1
129	10.8	8.8	13.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/20/2023
Supervised By :Semsettin Yesilyurt 12/20/2023



#96

1,2,3-Trichlorobenzene

Concen: 50.275 ug/l

RT: 15.440 min Scan# 2234

Delta R.T. 0.006 min

Lab File: VY016697.D

Acq: 19 Dec 2023 15:24

Tgt Ion:	180	Resp:	79982
Ion Ratio	Lower	Upper	
180	100		
182	96.0	47.3	141.8
145	27.7	15.5	46.5

