

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031924\
 Data File : VY017707.D
 Acq On : 19 Mar 2024 12:58
 Operator : SY/MD
 Sample : VY0319SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0319SBS01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 03/20/2024
 Supervised By :Semsettin Yesilyurt 03/20/2024

Quant Time: Mar 19 14:57:56 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022324S.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 24 04:41:20 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.807	168	150474	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.710	114	242039	50.000	ug/l	0.02
63) Chlorobenzene-d5	11.508	117	216731	50.000	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.440	152	100871	50.000	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.161	65	63889	44.800	ug/l	0.02
Spiked Amount 50.000	Range 50 - 163		Recovery =	89.600%		
35) Dibromofluoromethane	7.734	113	74703	44.292	ug/l	0.02
Spiked Amount 50.000	Range 54 - 147		Recovery =	88.580%		
50) Toluene-d8	10.197	98	285613	48.434	ug/l	0.01
Spiked Amount 50.000	Range 58 - 134		Recovery =	96.860%		
62) 4-Bromofluorobenzene	12.495	95	86447	46.646	ug/l	0.01
Spiked Amount 50.000	Range 30 - 143		Recovery =	93.300%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.912	85	18091	16.298	ug/l	98
3) Chloromethane	2.125	50	31609	15.586	ug/l	99
4) Vinyl Chloride	2.259	62	40343	15.506	ug/l	97
5) Bromomethane	2.662	94	36374	17.155	ug/l	99
6) Chloroethane	2.808	64	28533	17.384	ug/l	99
7) Trichlorofluoromethane	3.143	101	42778	16.132	ug/l	99
8) Diethyl Ether	3.540	74	13933	17.914	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.918	101	27132	17.788	ug/l	95
10) Methyl Iodide	4.113	142	31064	18.147	ug/l	100
11) Tert butyl alcohol	4.972	59	8570	70.746	ug/l #	83
12) 1,1-Dichloroethene	3.893	96	25683	18.068	ug/l	98
13) Acrolein	3.747	56	11720	73.325	ug/l	99
14) Allyl chloride	4.503	41	29436	17.138	ug/l	96
15) Acrylonitrile	5.180	53	29393	91.933	ug/l	98
16) Acetone	3.960	43	27901	100.870	ug/l	94
17) Carbon Disulfide	4.216	76	72635	17.024	ug/l	98
18) Methyl Acetate	4.497	43	10857	16.179	ug/l	96
19) Methyl tert-butyl Ether	5.247	73	58734	17.727	ug/l	98
20) Methylene Chloride	4.741	84	37238	19.582	ug/l	92
21) trans-1,2-Dichloroethene	5.247	96	30068	18.066	ug/l	97
22) Diisopropyl ether	6.143	45	74076	18.690	ug/l	93
23) Vinyl Acetate	6.082	43	216243	91.560	ug/l	98
24) 1,1-Dichloroethane	6.039	63	50443	18.629	ug/l	98
25) 2-Butanone	7.003	43	36750	93.228	ug/l	98
26) 2,2-Dichloropropane	7.003	77	41795	18.359	ug/l	97
27) cis-1,2-Dichloroethene	7.009	96	35240	18.858	ug/l	96
28) Bromochloromethane	7.356	49	17930	16.814	ug/l	92
29) Tetrahydrofuran	7.368	42	20435	85.997	ug/l	98
30) Chloroform	7.527	83	55728	19.331	ug/l	99
31) Cyclohexane	7.807	56	39789	17.144	ug/l	93
32) 1,1,1-Trichloroethane	7.722	97	46654	18.640	ug/l	99
36) 1,1-Dichloropropene	7.935	75	39786	17.484	ug/l	99
37) Ethyl Acetate	7.094	43	14863	16.537	ug/l #	94
38) Carbon Tetrachloride	7.923	117	40999	17.977	ug/l	99
39) Methylcyclohexane	9.203	83	45453	16.620	ug/l	98
40) Benzene	8.179	78	124031	18.353	ug/l	99

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.338	41	7786m	17.263	ug/l	
42) 1,2-Dichloroethane	8.252	62	30387	18.429	ug/l	98
43) Isopropyl Acetate	8.289	43	27132	17.179	ug/l	98
44) Trichloroethene	8.959	130	35255	18.100	ug/l	98
45) 1,2-Dichloropropane	9.234	63	28964	18.015	ug/l	98
46) Dibromomethane	9.325	93	17158	18.647	ug/l	97
47) Bromodichloromethane	9.514	83	41214	18.447	ug/l	99
48) Methyl methacrylate	9.307	41	12457	17.040	ug/l	96
49) 1,4-Dioxane	9.319	88	3339	320.641	ug/l #	99
51) 4-Methyl-2-Pentanone	10.087	43	75409	85.669	ug/l	99
52) Toluene	10.264	92	78244	18.366	ug/l	100
53) t-1,3-Dichloropropene	10.484	75	36898	17.793	ug/l	96
54) cis-1,3-Dichloropropene	9.947	75	45893	18.213	ug/l	96
55) 1,1,2-Trichloroethane	10.660	97	23394	17.907	ug/l	96
56) Ethyl methacrylate	10.526	69	24781	17.173	ug/l	99
57) 1,3-Dichloropropane	10.807	76	38229	17.998	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.801	63	64780	85.928	ug/l	98
59) 2-Hexanone	10.849	43	54667	90.416	ug/l	98
60) Dibromochloromethane	11.002	129	28401	18.376	ug/l	97
61) 1,2-Dibromoethane	11.105	107	22030	18.298	ug/l	99
64) Tetrachloroethene	10.734	164	36405	17.500	ug/l	94
65) Chlorobenzene	11.532	112	84373	18.341	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.605	131	31083	18.036	ug/l	99
67) Ethyl Benzene	11.605	91	140888	17.463	ug/l	100
68) m/p-Xylenes	11.715	106	113759	35.885	ug/l	99
69) o-Xylene	12.044	106	52516	17.856	ug/l	98
70) Styrene	12.063	104	86859	17.792	ug/l	98
71) Bromoform	12.221	173	17383	18.202	ug/l #	99
73) Isopropylbenzene	12.343	105	137841	18.393	ug/l	100
74) N-amyl acetate	12.160	43	21952	16.608	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.593	83	24627	19.137	ug/l	99
76) 1,2,3-Trichloropropane	12.648	75	19637m	20.489	ug/l	
77) Bromobenzene	12.623	156	33272	18.333	ug/l	95
78) n-propylbenzene	12.684	91	167026	18.575	ug/l	98
79) 2-Chlorotoluene	12.770	91	92851	18.443	ug/l	99
80) 1,3,5-Trimethylbenzene	12.825	105	110986	18.485	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.392	75	7348	17.616	ug/l	97
82) 4-Chlorotoluene	12.867	91	96496	18.739	ug/l	98
83) tert-Butylbenzene	13.087	119	97393	18.473	ug/l	97
84) 1,2,4-Trimethylbenzene	13.136	105	112013	18.898	ug/l	100
85) sec-Butylbenzene	13.270	105	148274	18.395	ug/l	99
86) p-Isopropyltoluene	13.386	119	121234	18.373	ug/l	99
87) 1,3-Dichlorobenzene	13.379	146	66802	18.338	ug/l	98
88) 1,4-Dichlorobenzene	13.459	146	66457	18.765	ug/l	99
89) n-Butylbenzene	13.709	91	109427	18.177	ug/l	99
90) Hexachloroethane	13.977	117	25015	18.910	ug/l	98
91) 1,2-Dichlorobenzene	13.751	146	59136	19.192	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.367	75	3086	17.058	ug/l	97
93) 1,2,4-Trichlorobenzene	15.019	180	30007	18.437	ug/l	99
94) Hexachlorobutadiene	15.123	225	18950	18.859	ug/l	95
95) Naphthalene	15.251	128	45302	17.155	ug/l	99
96) 1,2,3-Trichlorobenzene	15.440	180	24879	17.819	ug/l	99

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ALS Vial : 7 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Title : SW846 8260
QLast Update : Sat Feb 24 04:41:20 2024
Response via : Initial Calibration

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

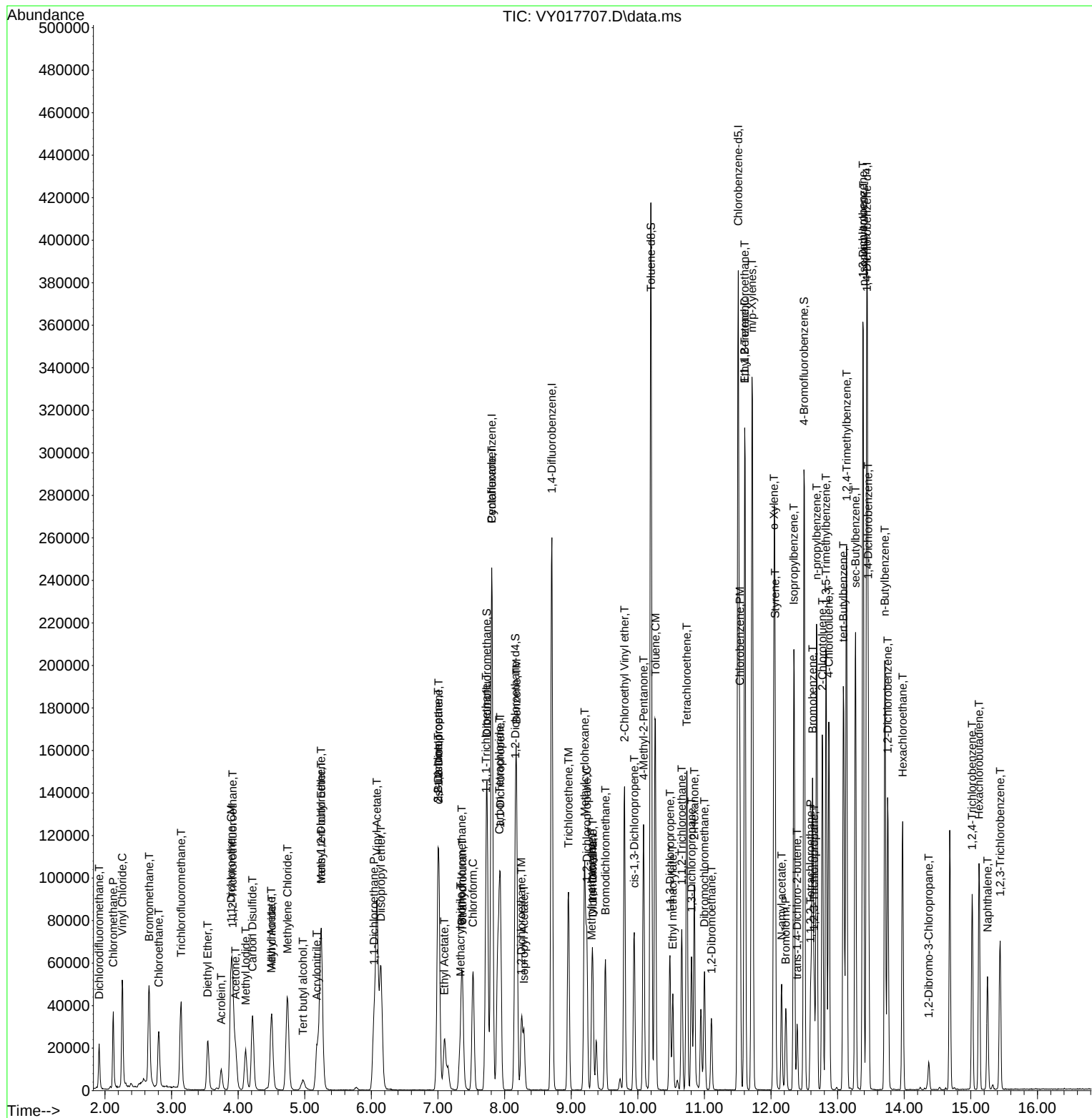
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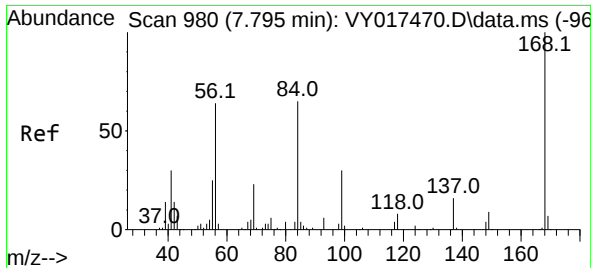
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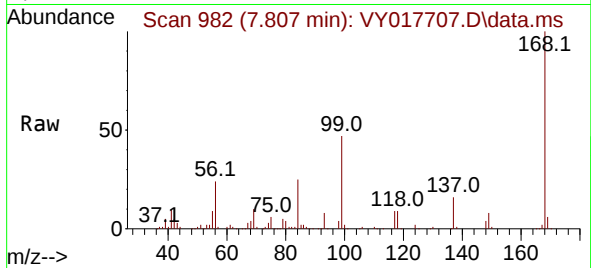
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.807 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY017707.D
Acq: 19 Mar 2024 12:58

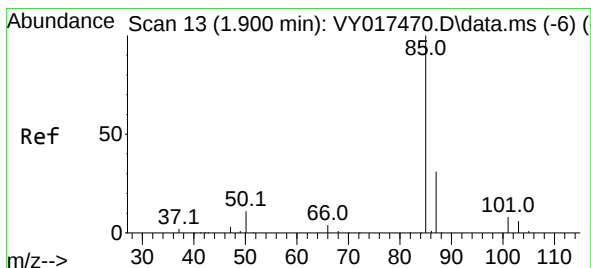
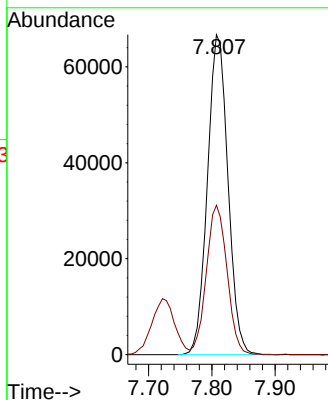
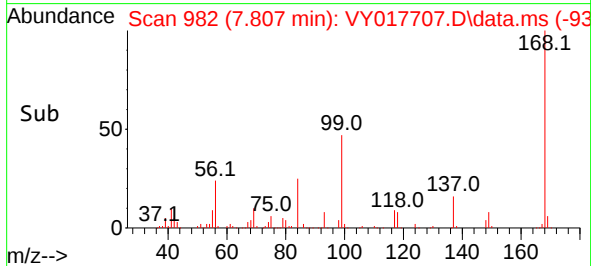
Instrument :
MSVOA_Y
ClientSampleId :
VY0319SBSD01



Tgt Ion:168 Resp: 150474
Ion Ratio Lower Upper
168 100
99 46.7 39.1 58.7

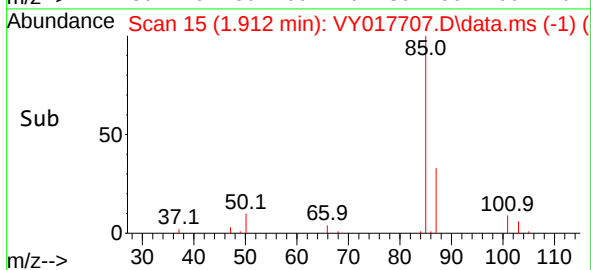
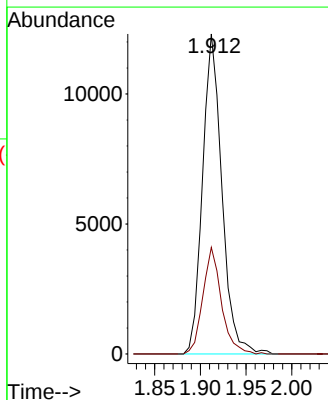
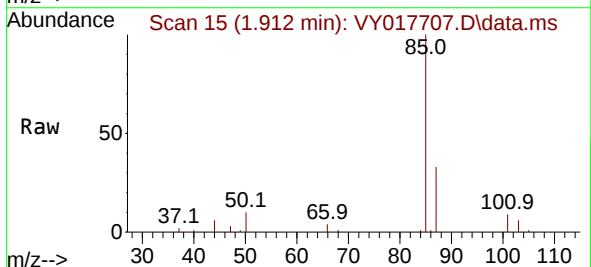
Manual Integrations
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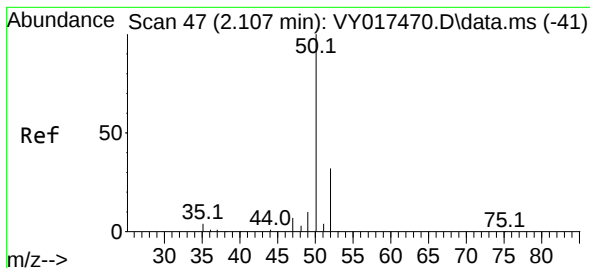
Reviewed By :Mahesh Dadoda 03/20/2024
Supervised By :Semsettin Yesilyurt 03/20/2024



#2
Dichlorodifluoromethane
Concen: 16.298 ug/l
RT: 1.912 min Scan# 15
Delta R.T. 0.012 min
Lab File: VY017707.D
Acq: 19 Mar 2024 12:58

Tgt Ion: 85 Resp: 18091
Ion Ratio Lower Upper
85 100
87 33.3 16.0 48.0





#3

Chloromethane

Concen: 15.586 ug/l

RT: 2.125 min Scan# 50

Delta R.T. 0.018 min

Lab File: VY017707.D

Acq: 19 Mar 2024 12:58

Instrument :

MSVOA_Y

ClientSampleId :

VY0319SBS01

Tgt Ion: 50 Resp: 31609

Ion Ratio Lower Upper

50 100

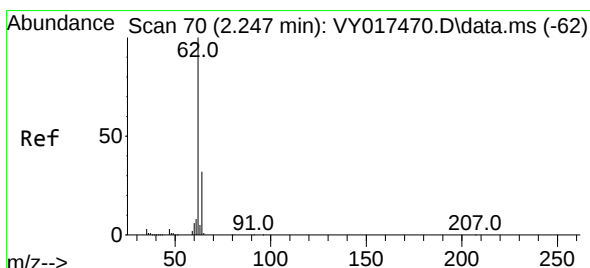
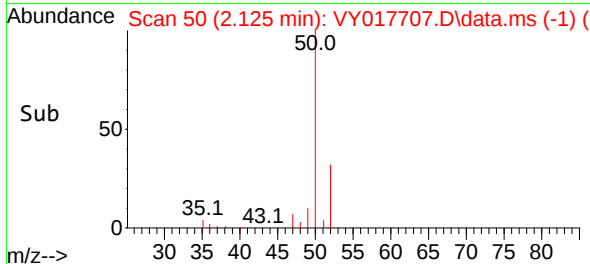
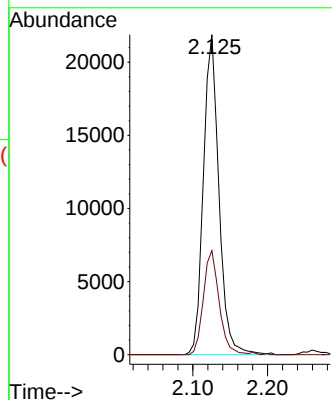
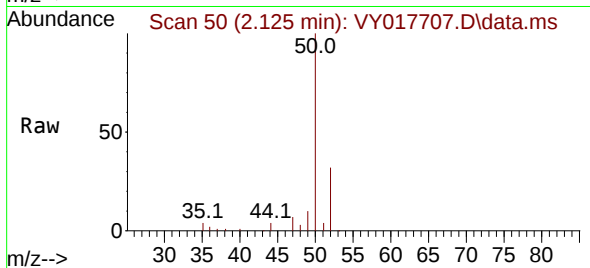
52 32.5 25.6 38.4

Manual Integrations

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#4

Vinyl Chloride

Concen: 15.506 ug/l

RT: 2.259 min Scan# 72

Delta R.T. 0.012 min

Lab File: VY017707.D

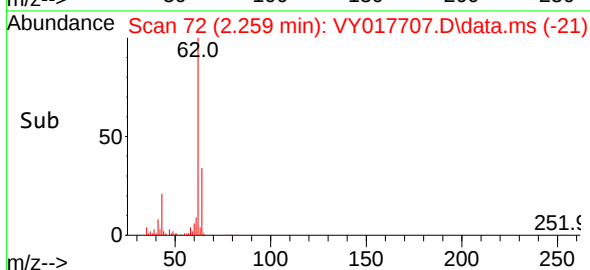
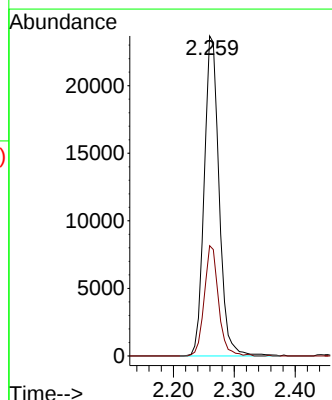
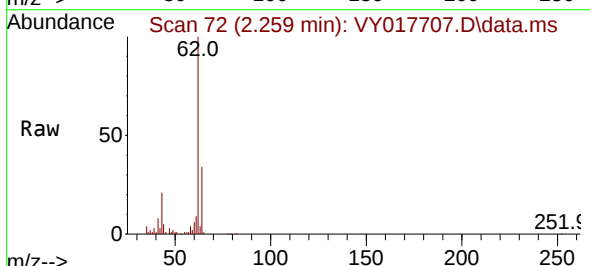
Acq: 19 Mar 2024 12:58

Tgt Ion: 62 Resp: 40343

Ion Ratio Lower Upper

62 100

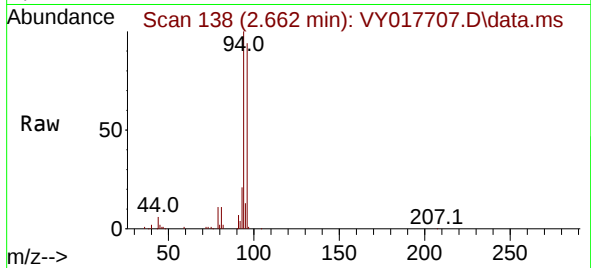
64 34.4 26.1 39.1





#5
Bromomethane
Concen: 17.155 ug/l
RT: 2.662 min Scan# 111
Delta R.T. 0.018 min
Lab File: VY017707.D
Acq: 19 Mar 2024 12:58

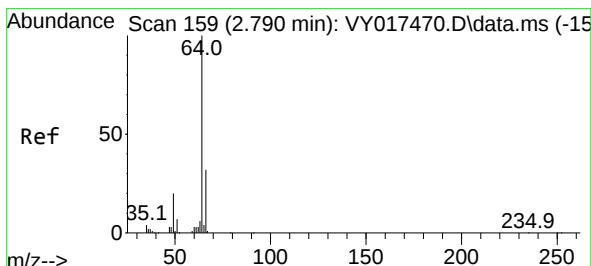
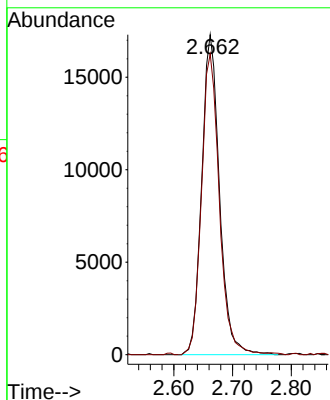
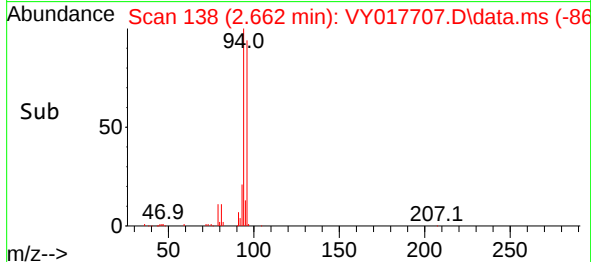
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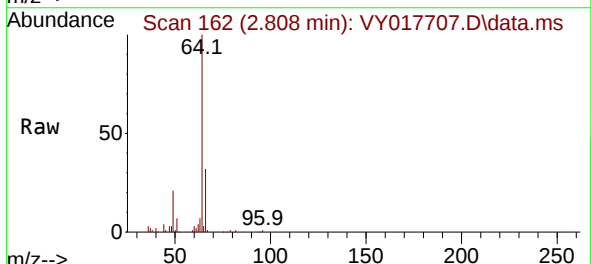
Tgt Ion: 94 Resp: 36374
Ion Ratio Lower Upper
94 100
96 93.9 74.1 111.1

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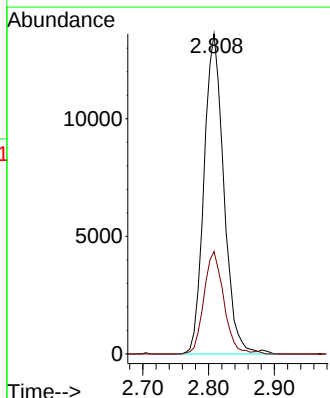
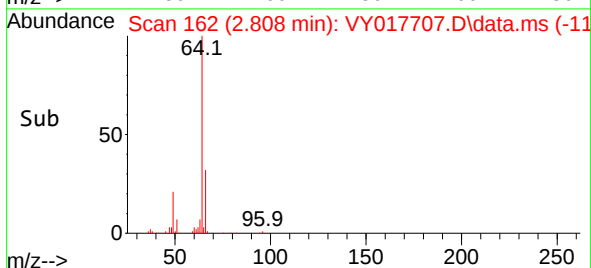
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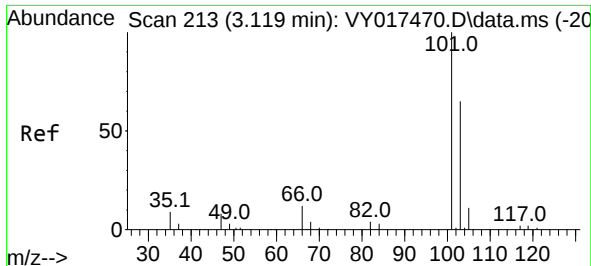


#6
Chloroethane
Concen: 17.384 ug/l
RT: 2.808 min Scan# 162
Delta R.T. 0.018 min
Lab File: VY017707.D
Acq: 19 Mar 2024 12:58



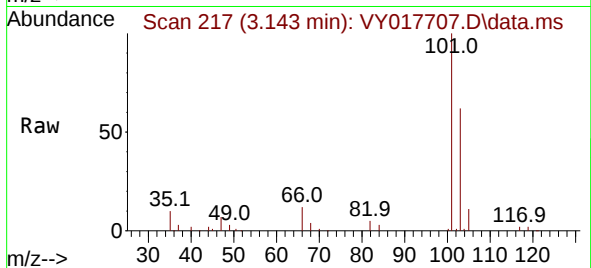
Tgt Ion: 64 Resp: 28533
Ion Ratio Lower Upper
64 100
66 32.0 26.1 39.1





#7
Trichlorofluoromethane
Concen: 16.132 ug/l
RT: 3.143 min Scan# 213
Delta R.T. 0.025 min
Lab File: VY017707.D
Acq: 19 Mar 2024 12:58

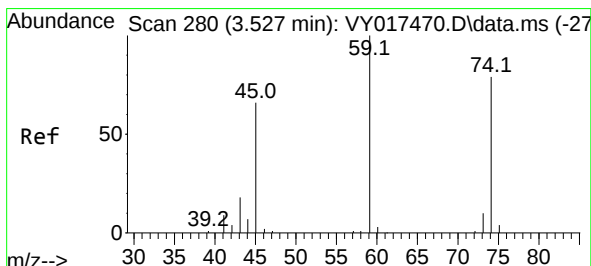
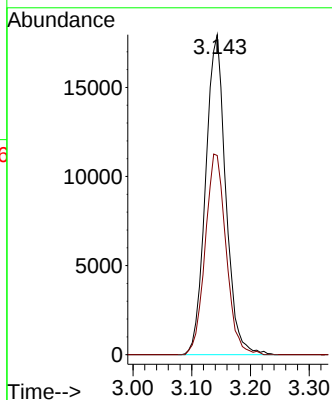
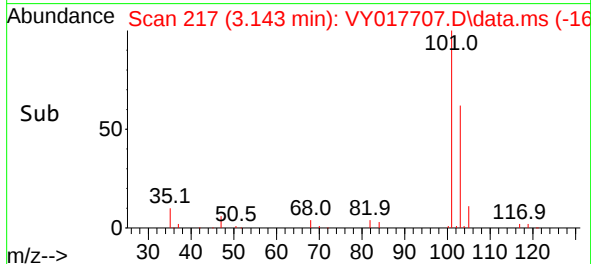
Instrument :
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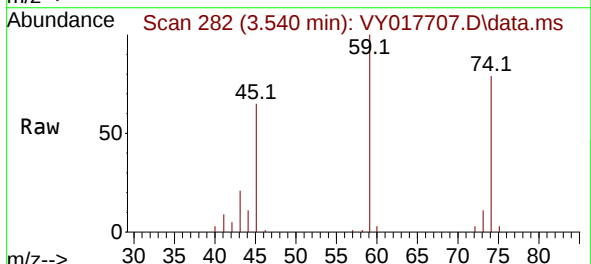
Tgt Ion:101 Resp: 42778
Ion Ratio Lower Upper
101 100
103 62.2 49.3 73.9

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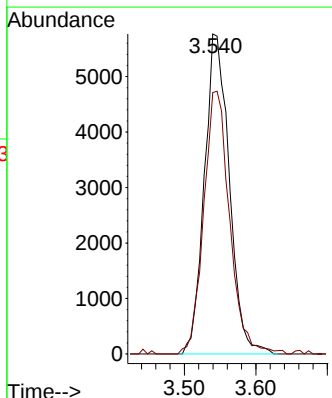
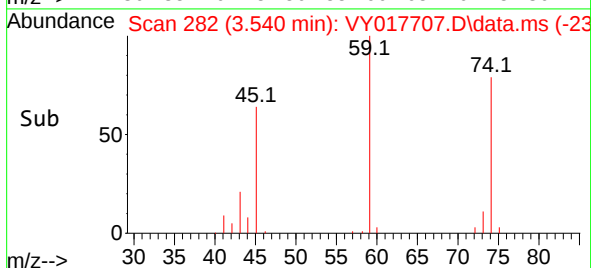
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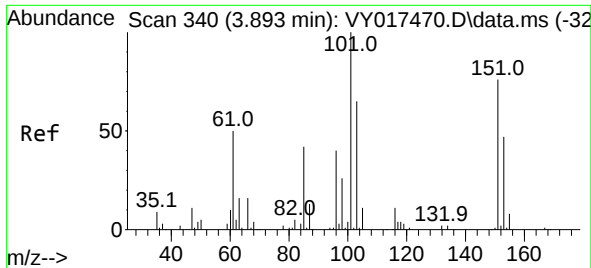


#8
Diethyl Ether
Concen: 17.914 ug/l
RT: 3.540 min Scan# 282
Delta R.T. 0.012 min
Lab File: VY017707.D
Acq: 19 Mar 2024 12:58



Tgt Ion: 74 Resp: 13933
Ion Ratio Lower Upper
74 100
45 85.7 41.3 124.1





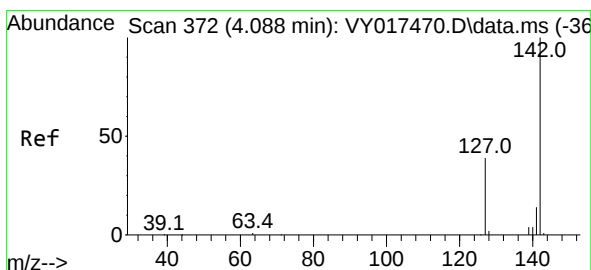
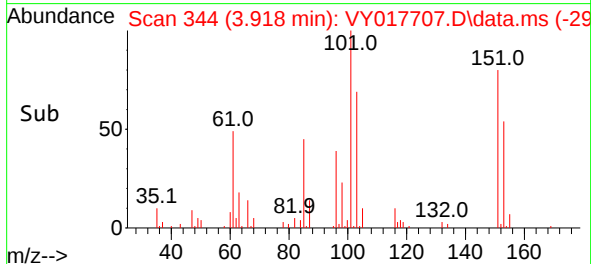
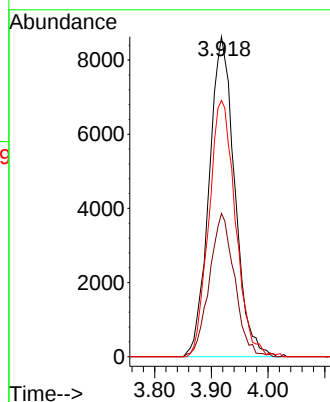
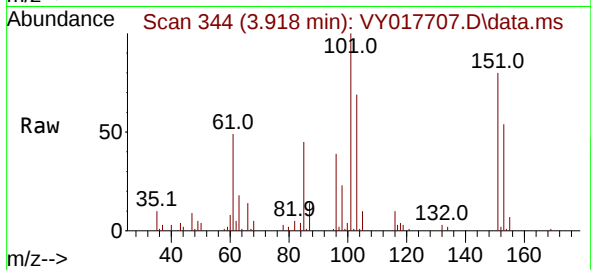
#9
1,1,2-Trichlorotrifluoroethane
Concen: 17.788 ug/l
RT: 3.918 min Scan# 34
Delta R.T. 0.025 min
Lab File: VY017707.D
Acq: 19 Mar 2024 12:58

Instrument :
MSVOA_Y
ClientSampleId :
VY0319SBS01

Tgt Ion:101 Resp: 2713
Ion Ratio Lower Upper
101 100
85 43.8 34.5 51.7
151 83.0 61.7 92.5

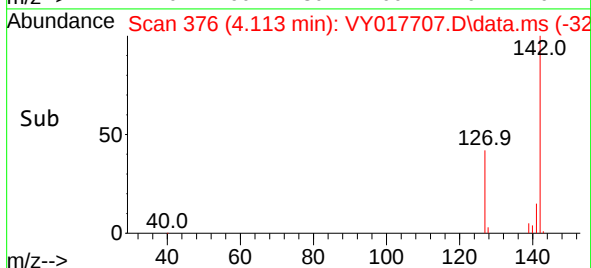
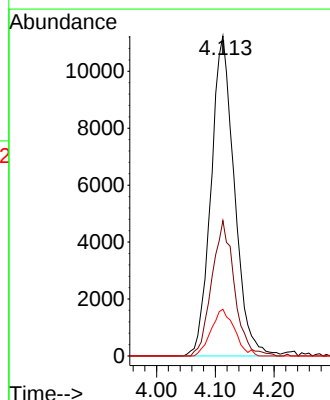
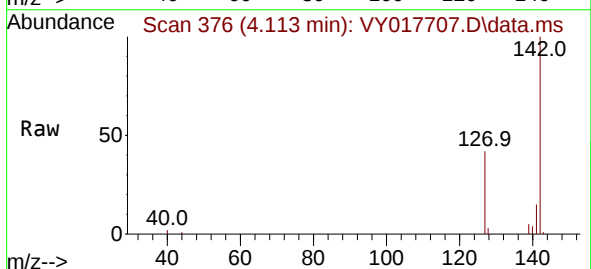
Manual Integrations
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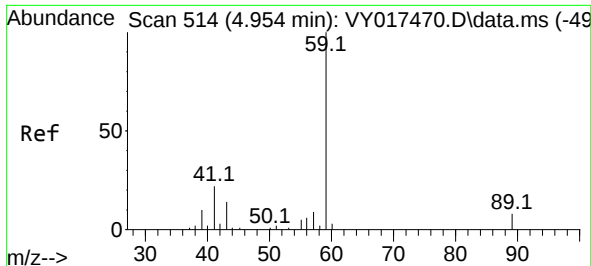
Reviewed By :Mahesh Dadoda 03/20/2024
Supervised By :Semsettin Yesilyurt 03/20/2024



#10
Methyl Iodide
Concen: 18.147 ug/l
RT: 4.113 min Scan# 376
Delta R.T. 0.025 min
Lab File: VY017707.D
Acq: 19 Mar 2024 12:58

Tgt Ion:142 Resp: 31064
Ion Ratio Lower Upper
142 100
127 40.9 32.8 49.2
141 14.6 11.4 17.2





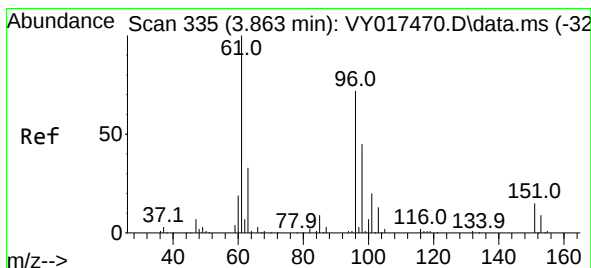
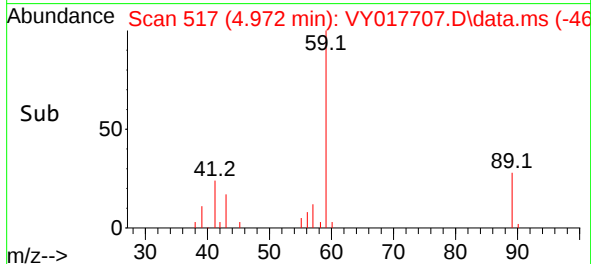
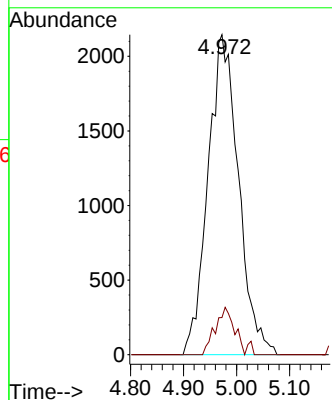
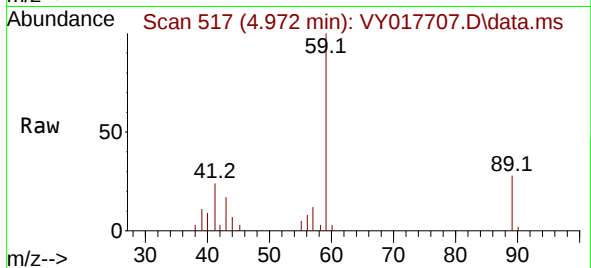
#11
Tert butyl alcohol
Concen: 70.746 ug/l
RT: 4.972 min Scan# 514
Delta R.T. 0.018 min
Lab File: VY017707.D
Acq: 19 Mar 2024 12:58

Instrument :
MSVOA_Y
ClientSampleId :
VY0319SBS01

Tgt Ion: 59 Resp: 8570
Ion Ratio Lower Upper
59 100
57 9.2 3.0 4.6

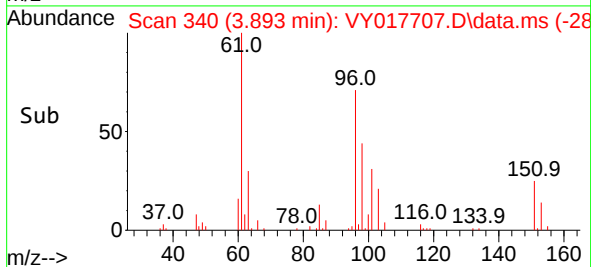
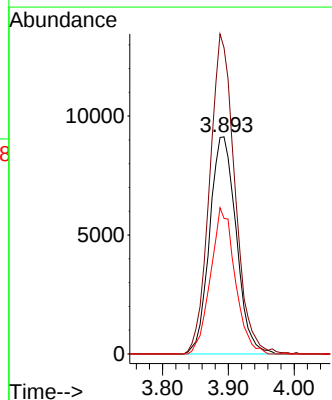
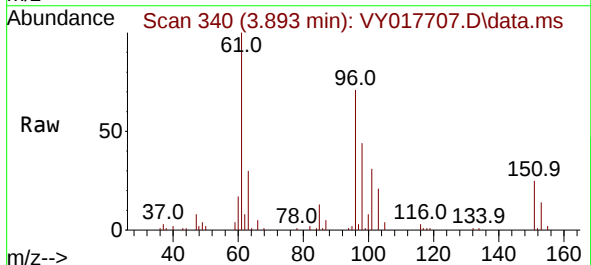
Manual Integrations
APPROVED

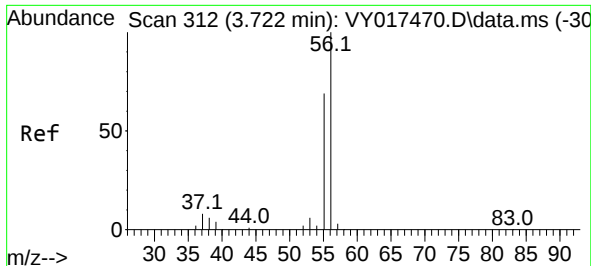
Reviewed By :Mahesh Dadoda 03/20/2024
Supervised By :Semsettin Yesilyurt 03/20/2024



#12
1,1-Dichloroethene
Concen: 18.068 ug/l
RT: 3.893 min Scan# 340
Delta R.T. 0.031 min
Lab File: VY017707.D
Acq: 19 Mar 2024 12:58

Tgt Ion: 96 Resp: 25683
Ion Ratio Lower Upper
96 100
61 141.0 114.6 171.8
98 62.4 50.8 76.2





#13

Acrolein

Concen: 73.325 ug/l

RT: 3.747 min Scan# 316

Delta R.T. 0.025 min

Lab File: VY017707.D

Acq: 19 Mar 2024 12:58

Instrument :

MSVOA_Y

ClientSampleId :

VY0319SBS01

Tgt Ion: 56 Resp: 11720

Ion Ratio Lower Upper

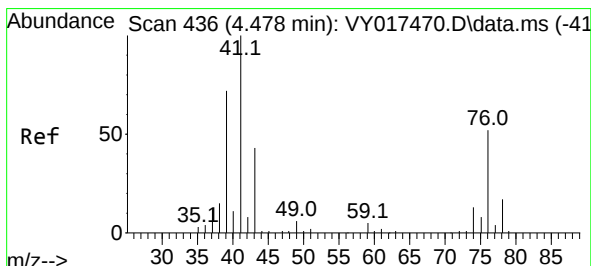
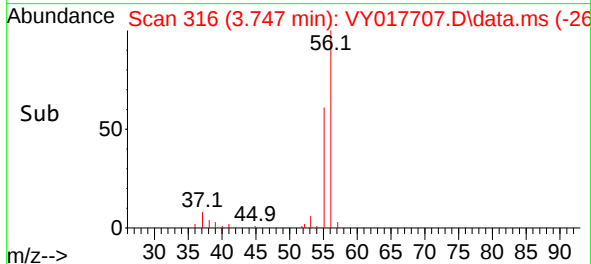
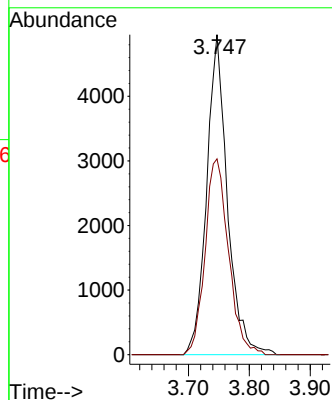
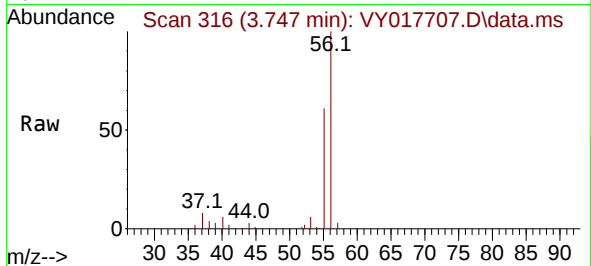
56 100

55 69.1 55.7 83.5

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/20/2024
Supervised By :Semsettin Yesilyurt 03/20/2024



#14

Allyl chloride

Concen: 17.138 ug/l

RT: 4.503 min Scan# 440

Delta R.T. 0.025 min

Lab File: VY017707.D

Acq: 19 Mar 2024 12:58

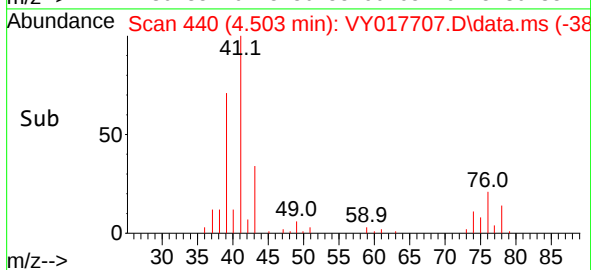
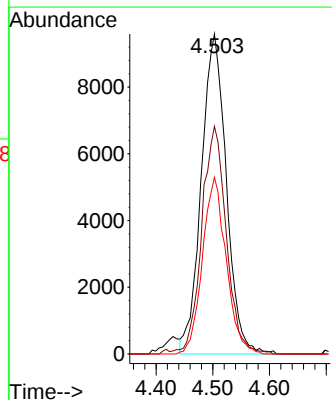
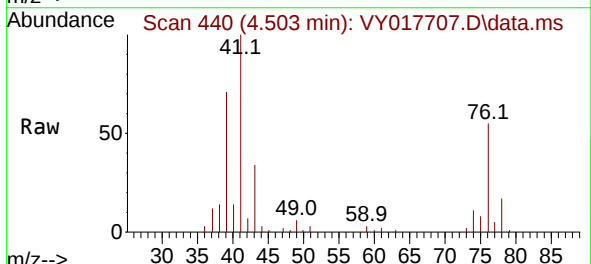
Tgt Ion: 41 Resp: 29436

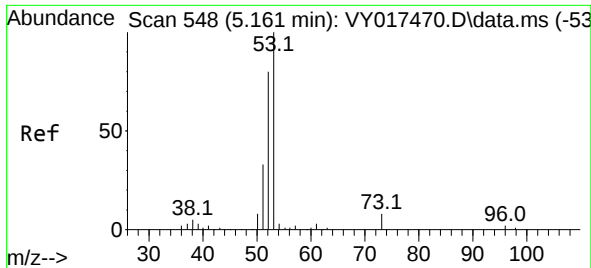
Ion Ratio Lower Upper

41 100

39 69.7 58.3 87.5

76 52.2 39.0 58.6





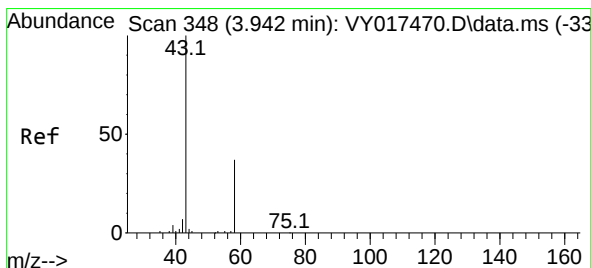
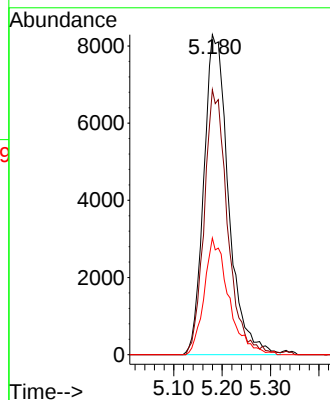
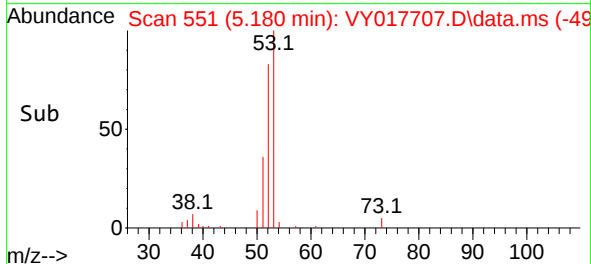
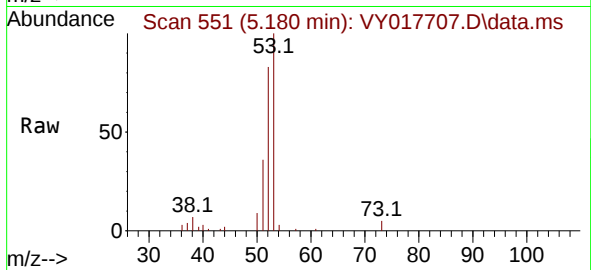
#15
Acrylonitrile
Concen: 91.933 ug/l
RT: 5.180 min Scan# 51
Delta R.T. 0.018 min
Lab File: VY017707.D
Acq: 19 Mar 2024 12:58

Instrument :
MSVOA_Y
ClientSampleId :
VY0319SBSD01

Tgt Ion: 53 Resp: 2939
Ion Ratio Lower Upper
53 100
52 78.4 64.7 97.1
51 36.3 28.4 42.6

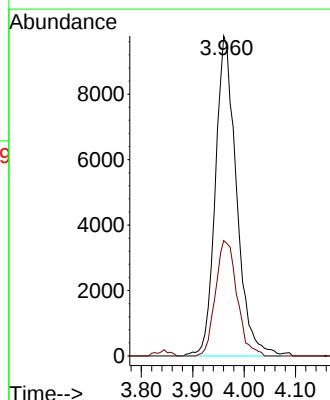
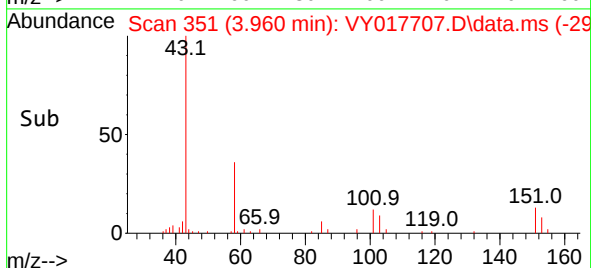
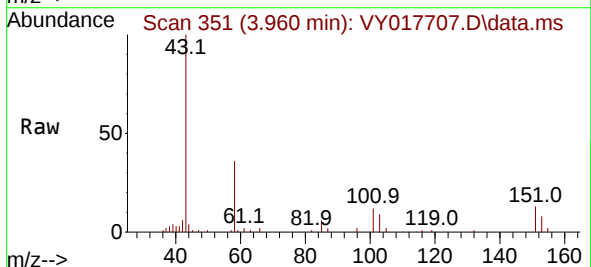
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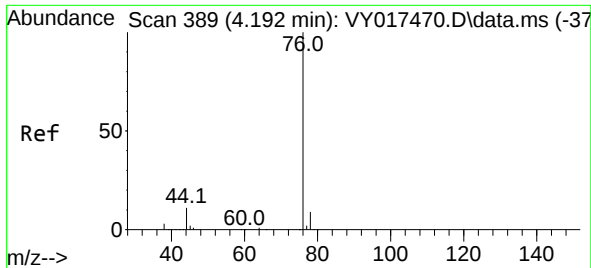
Reviewed By :Mahesh Dadoda 03/20/2024
Supervised By :Semsettin Yesilyurt 03/20/2024



#16
Acetone
Concen: 100.870 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.018 min
Lab File: VY017707.D
Acq: 19 Mar 2024 12:58

Tgt Ion: 43 Resp: 27901
Ion Ratio Lower Upper
43 100
58 36.1 31.7 47.5





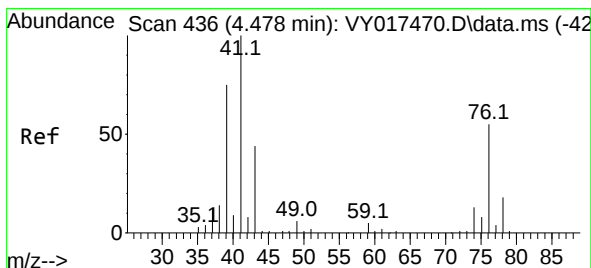
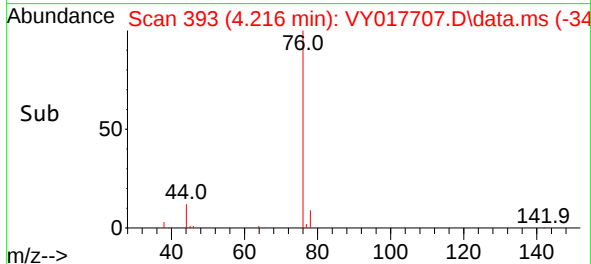
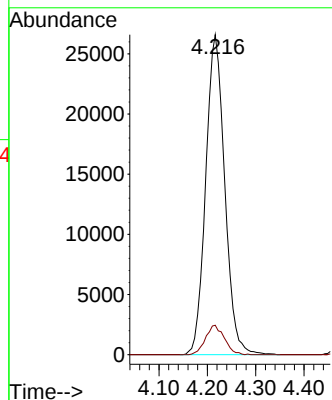
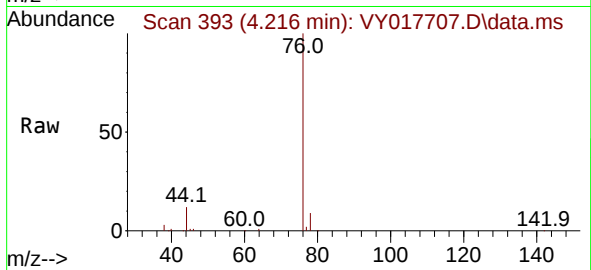
#17
Carbon Disulfide
Concen: 17.024 ug/l
RT: 4.216 min Scan# 393
Delta R.T. 0.025 min
Lab File: VY017707.D
Acq: 19 Mar 2024 12:58

Instrument :
MSVOA_Y
ClientSampleId :
VY0319SBSD01

Tgt Ion: 76 Resp: 7263
Ion Ratio Lower Upper
76 100
78 9.2 6.8 10.2

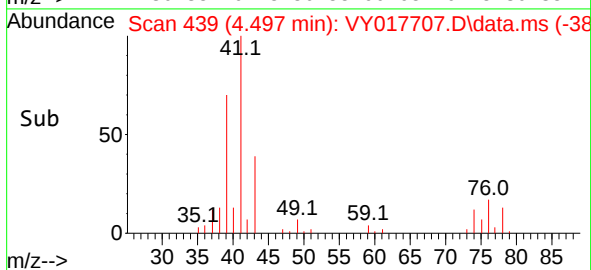
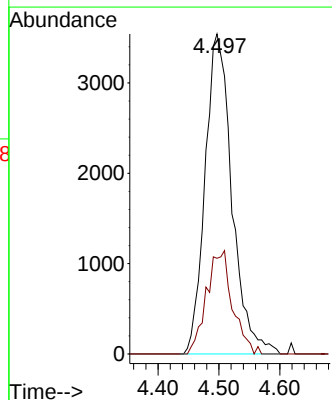
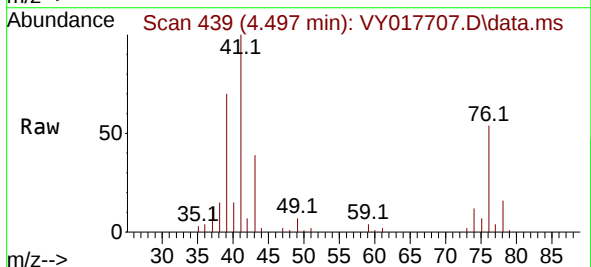
Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 03/20/2024
Supervised By :Semsettin Yesilyurt 03/20/2024



#18
Methyl Acetate
Concen: 16.179 ug/l
RT: 4.497 min Scan# 439
Delta R.T. 0.018 min
Lab File: VY017707.D
Acq: 19 Mar 2024 12:58

Tgt Ion: 43 Resp: 10857
Ion Ratio Lower Upper
43 100
74 31.2 23.3 34.9





#19

Methyl tert-butyl Ether

Concen: 17.727 ug/l

RT: 5.247 min Scan# 50

Delta R.T. 0.025 min

Lab File: VY017707.D

Acq: 19 Mar 2024 12:58

Instrument :

MSVOA_Y

ClientSampleId :

VY0319SBS01

Tgt Ion: 73 Resp: 58734

Ion Ratio Lower Upper

73 100

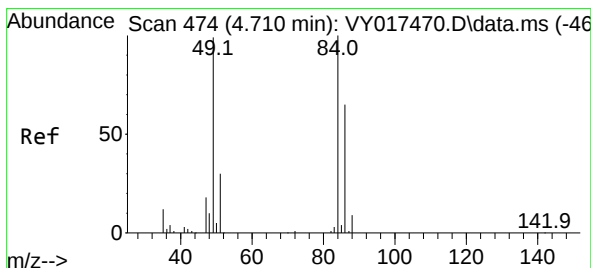
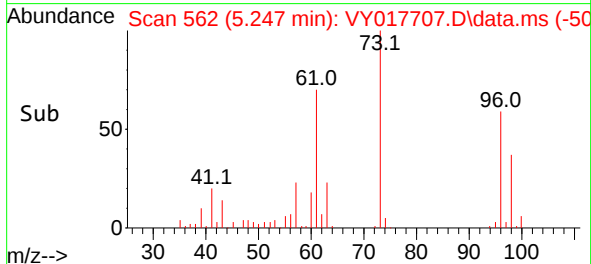
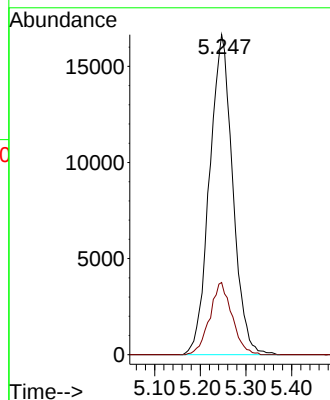
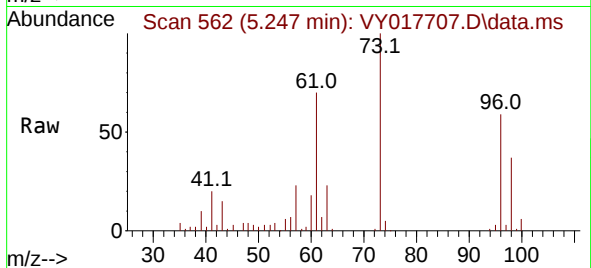
57 22.5 17.3 25.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/20/2024

Supervised By :Semsettin Yesilyurt 03/20/2024



#20

Methylene Chloride

Concen: 19.582 ug/l

RT: 4.741 min Scan# 479

Delta R.T. 0.031 min

Lab File: VY017707.D

Acq: 19 Mar 2024 12:58

Tgt Ion: 84 Resp: 37238

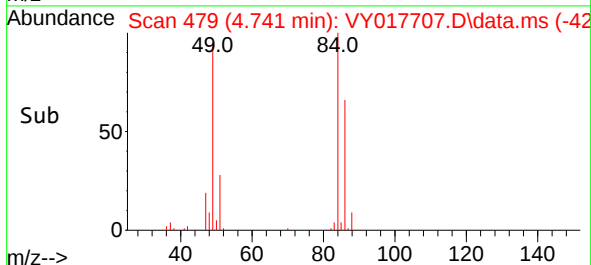
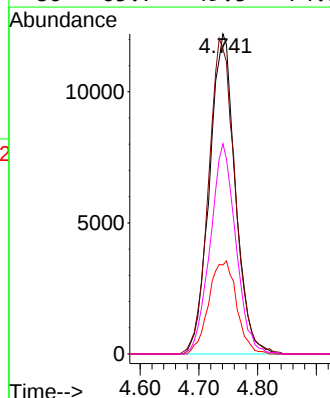
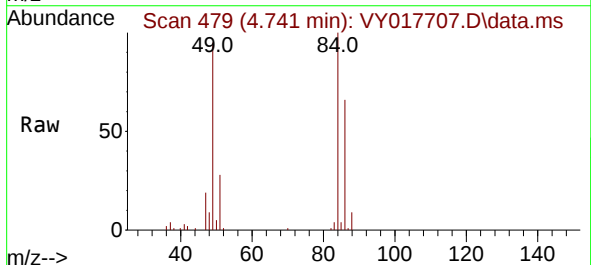
Ion Ratio Lower Upper

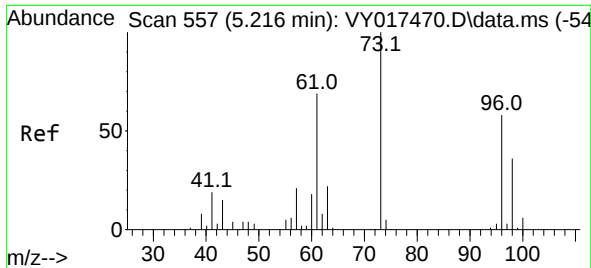
84 100

49 95.3 84.4 126.6

51 27.8 26.0 39.0

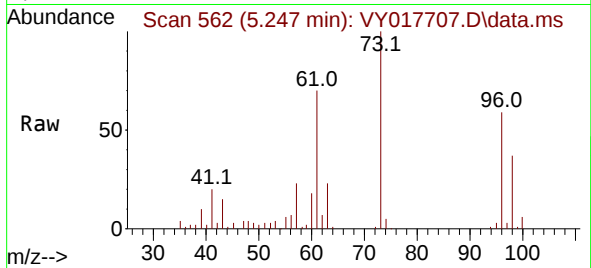
86 65.7 49.5 74.3





#21
trans-1,2-Dichloroethene
Concen: 18.066 ug/l
RT: 5.247 min Scan# 501
Delta R.T. 0.031 min
Lab File: VY017707.D
Acq: 19 Mar 2024 12:58

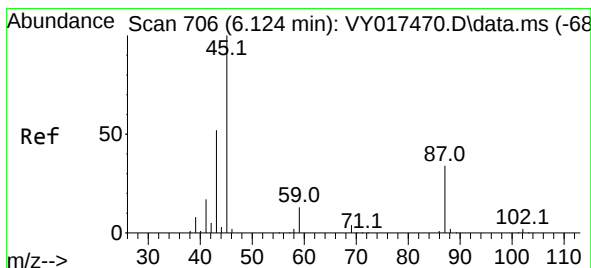
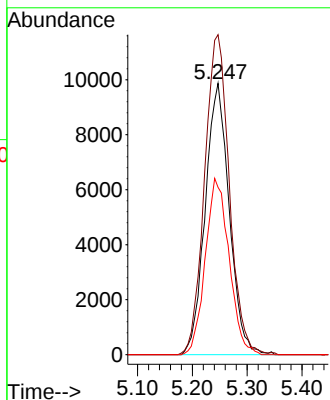
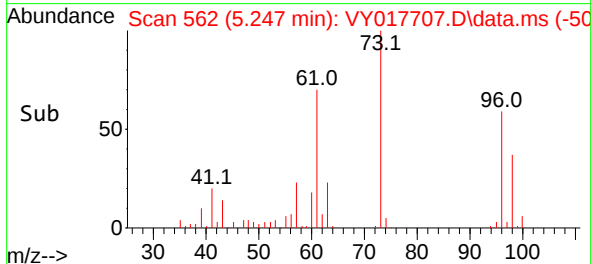
Instrument :
MSVOA_Y
ClientSampleId :
VY0319SBSD01



Tgt Ion: 96 Resp: 3006
Ion Ratio Lower Upper
96 100
61 117.9 97.5 146.3
98 61.7 50.5 75.7

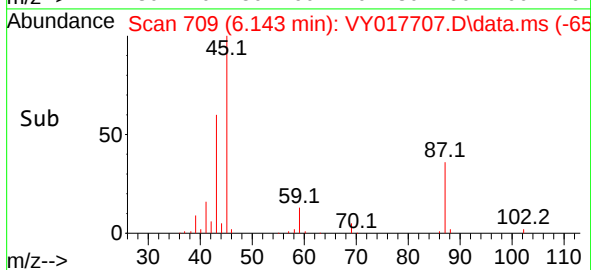
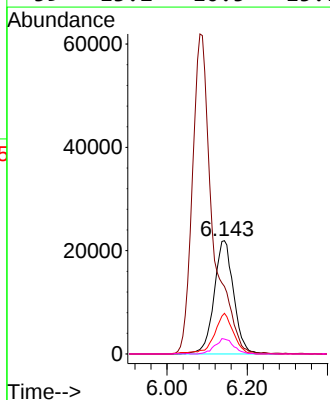
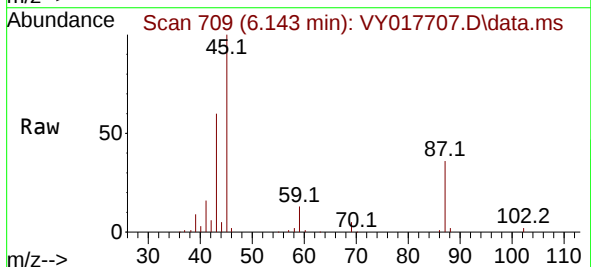
Manual Integrations
APPROVED

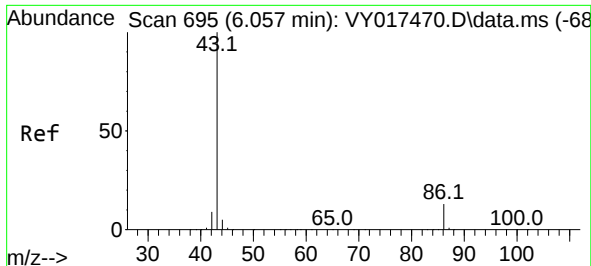
Reviewed By :Mahesh Dadoda 03/20/2024
Supervised By :Semsettin Yesilyurt 03/20/2024



#22
Diisopropyl ether
Concen: 18.690 ug/l
RT: 6.143 min Scan# 709
Delta R.T. 0.018 min
Lab File: VY017707.D
Acq: 19 Mar 2024 12:58

Tgt Ion: 45 Resp: 74076
Ion Ratio Lower Upper
45 100
43 58.9 42.2 63.2
87 35.9 25.0 37.6
59 13.2 10.5 15.7





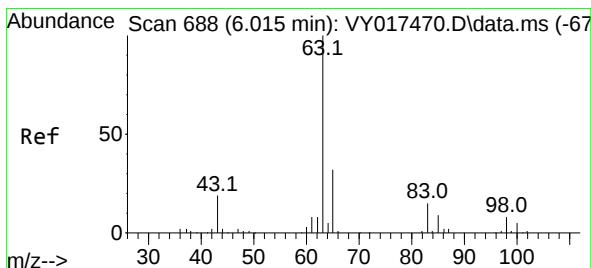
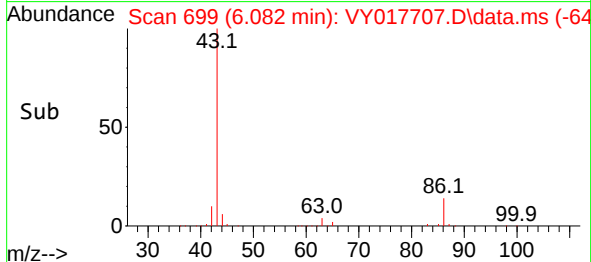
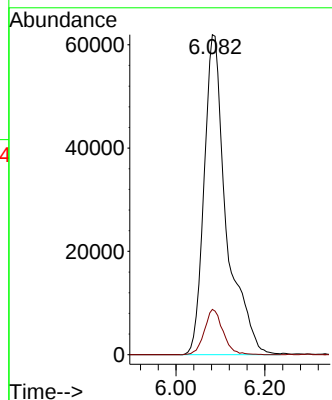
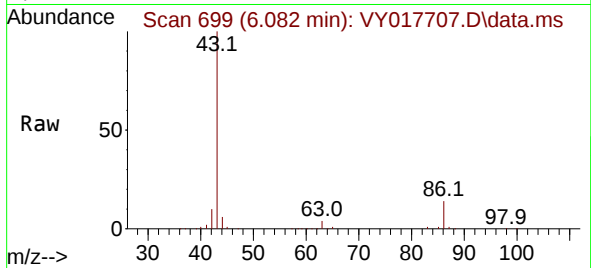
#23
 Vinyl Acetate
 Concen: 91.560 ug/l
 RT: 6.082 min Scan# 699
 Delta R.T. 0.025 min
 Lab File: VY017707.D
 Acq: 19 Mar 2024 12:58

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0319SBS01

Tgt Ion: 43 Resp: 21624
 Ion Ratio Lower Upper
 43 100
 86 14.2 10.6 16.0

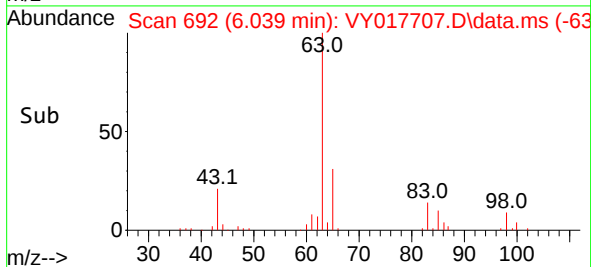
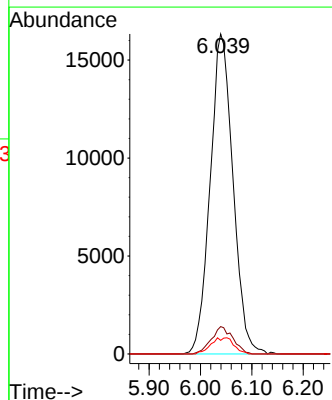
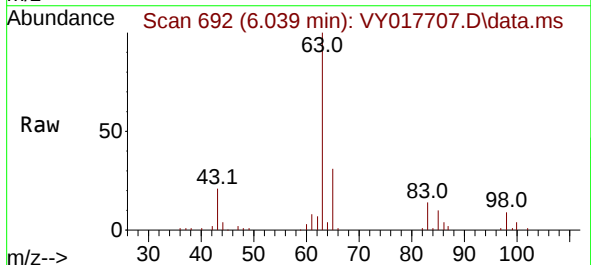
Manual Integrations
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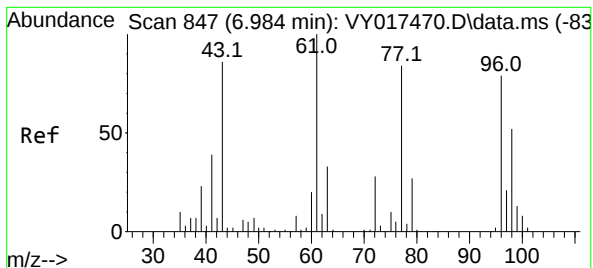
Reviewed By :Mahesh Dadoda 03/20/2024
 Supervised By :Semsettin Yesilyurt 03/20/2024



#24
 1,1-Dichloroethane
 Concen: 18.629 ug/l
 RT: 6.039 min Scan# 692
 Delta R.T. 0.025 min
 Lab File: VY017707.D
 Acq: 19 Mar 2024 12:58

Tgt Ion: 63 Resp: 50443
 Ion Ratio Lower Upper
 63 100
 98 8.5 4.0 12.2
 100 4.3 2.6 8.0





#25

2-Butanone

Concen: 93.228 ug/l

RT: 7.003 min Scan# 850

Delta R.T. 0.018 min

Lab File: VY017707.D

Acq: 19 Mar 2024 12:58

Instrument :

MSVOA_Y

ClientSampleId :

VY0319SBS01

Tgt Ion: 43 Resp: 36750

Ion Ratio Lower Upper

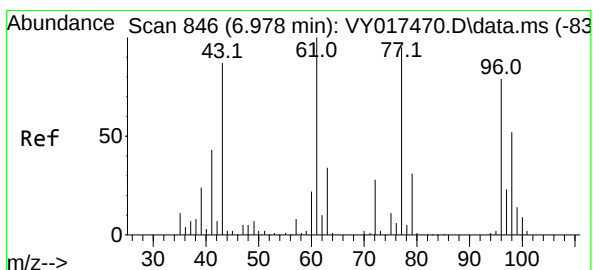
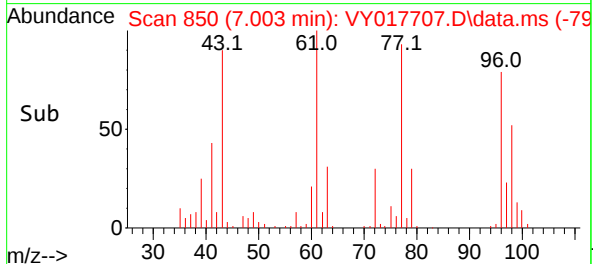
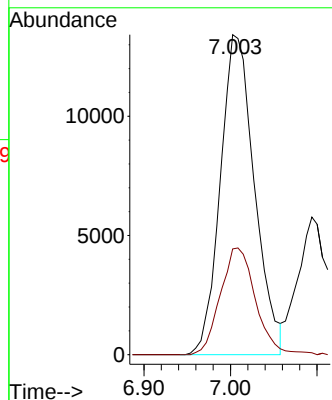
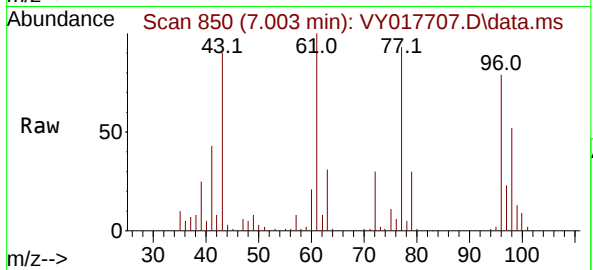
43 100

72 33.0 27.3 40.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/20/2024
Supervised By :Semsettin Yesilyurt 03/20/2024



#26

2,2-Dichloropropane

Concen: 18.359 ug/l

RT: 7.003 min Scan# 850

Delta R.T. 0.025 min

Lab File: VY017707.D

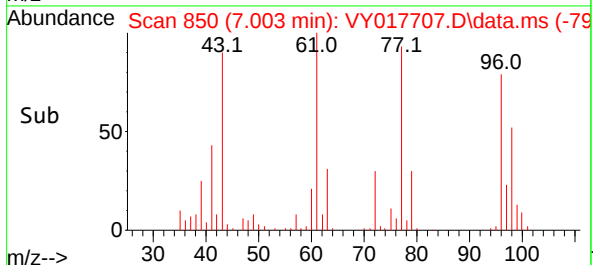
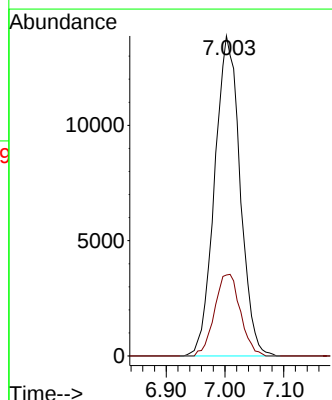
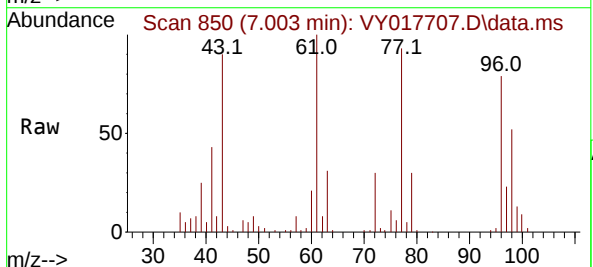
Acq: 19 Mar 2024 12:58

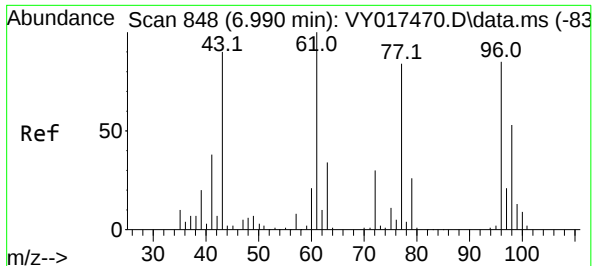
Tgt Ion: 77 Resp: 41795

Ion Ratio Lower Upper

77 100

97 25.8 12.0 36.1





#27

cis-1,2-Dichloroethene

Concen: 18.858 ug/l

RT: 7.009 min Scan# 851

Delta R.T. 0.018 min

Lab File: VY017707.D

Acq: 19 Mar 2024 12:58

Instrument :

MSVOA_Y

ClientSampleId :

VY0319SBS01

Tgt Ion: 96 Resp: 35240

Ion Ratio Lower Upper

96 100

61 121.4 0.0 256.2

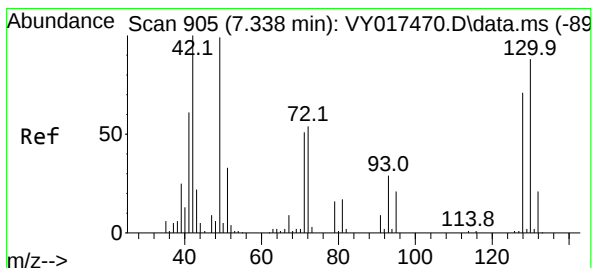
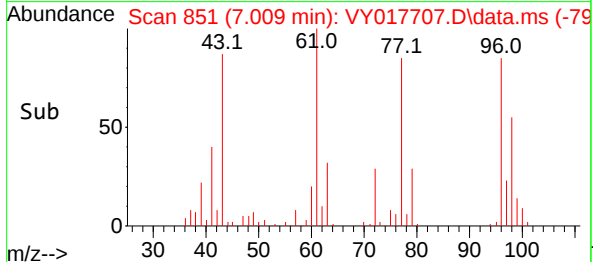
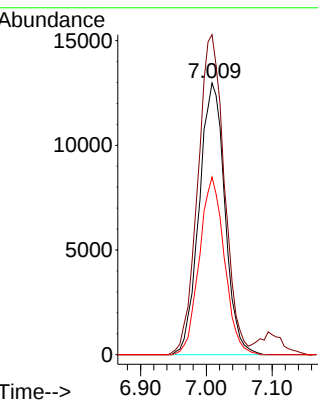
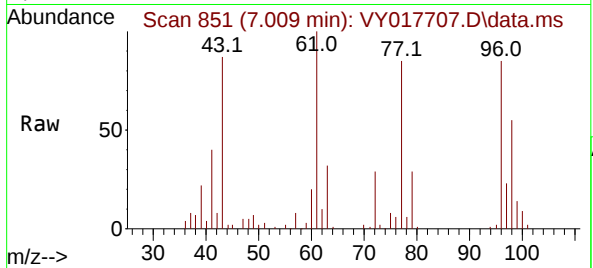
98 63.8 0.0 130.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/20/2024

Supervised By :Semsettin Yesilyurt 03/20/2024



#28

Bromochloromethane

Concen: 16.814 ug/l

RT: 7.356 min Scan# 908

Delta R.T. 0.018 min

Lab File: VY017707.D

Acq: 19 Mar 2024 12:58

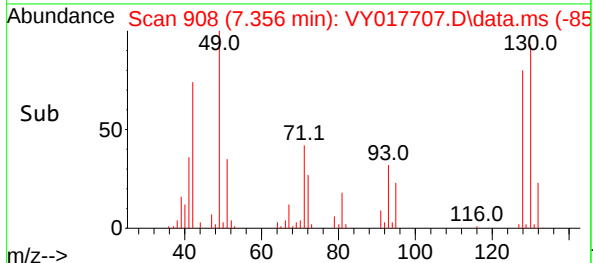
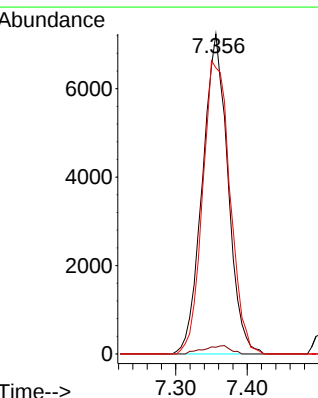
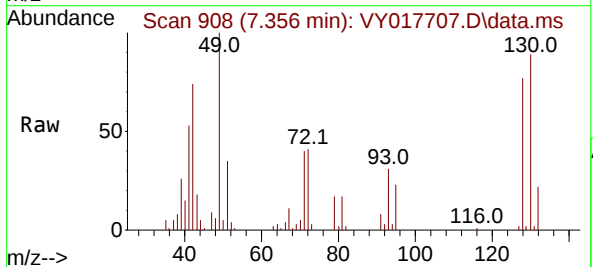
Tgt Ion: 49 Resp: 17930

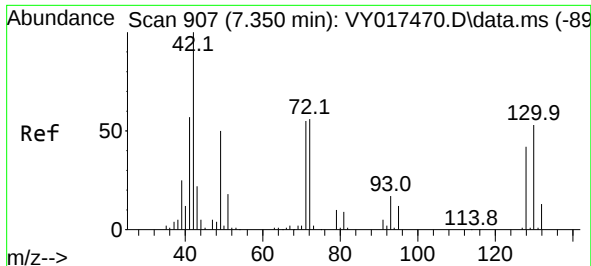
Ion Ratio Lower Upper

49 100

129 2.7 0.0 4.6

130 98.2 72.7 109.1





#29

Tetrahydrofuran

Concen: 85.997 ug/l

RT: 7.368 min Scan# 910

Delta R.T. 0.018 min

Lab File: VY017707.D

Acq: 19 Mar 2024 12:58

Instrument :

MSVOA_Y

ClientSampleId :

VY0319SBS01

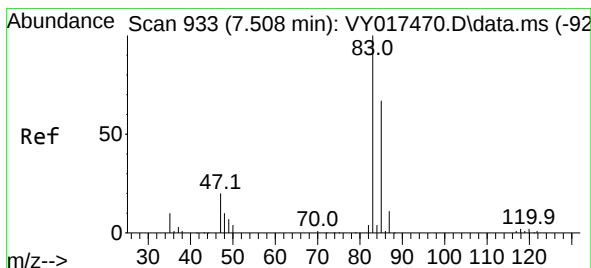
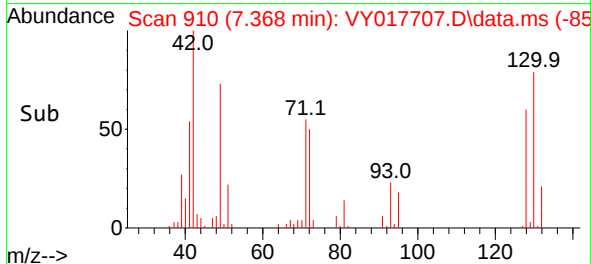
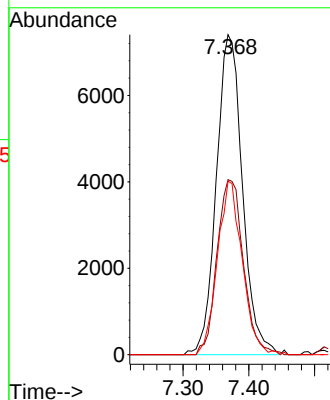
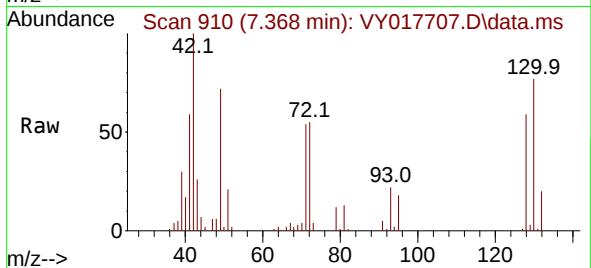
Tgt Ion: 42 Resp: 2043

Ion	Ratio	Lower	Upper
42	100		
72	55.3	43.0	64.4
71	51.7	40.8	61.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/20/2024
Supervised By :Semsettin Yesilyurt 03/20/2024



#30

Chloroform

Concen: 19.331 ug/l

RT: 7.527 min Scan# 936

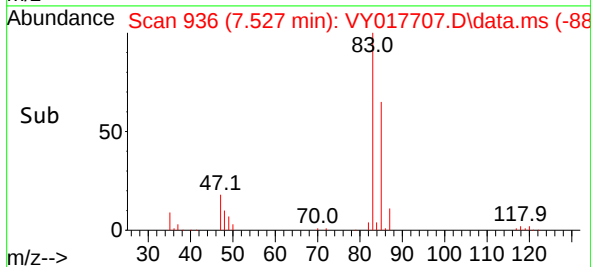
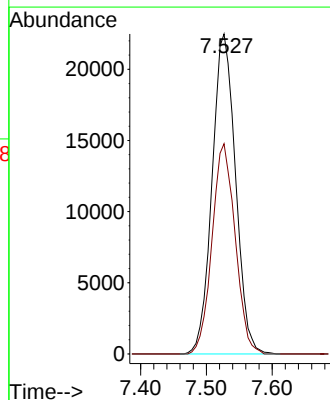
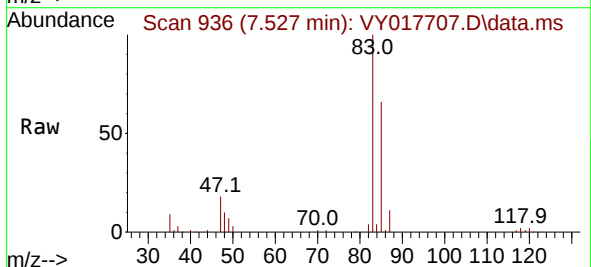
Delta R.T. 0.018 min

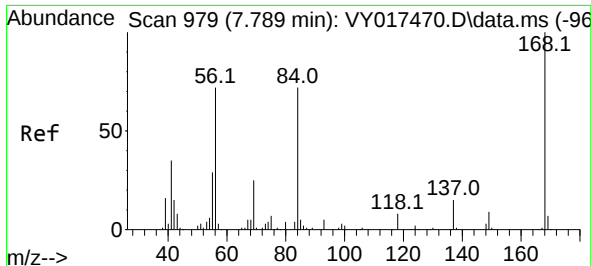
Lab File: VY017707.D

Acq: 19 Mar 2024 12:58

Tgt Ion: 83 Resp: 55728

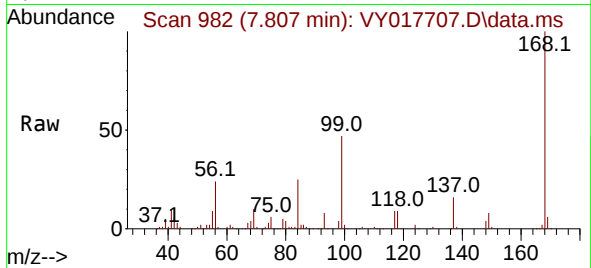
Ion	Ratio	Lower	Upper
83	100		
85	65.7	52.2	78.4





#31
Cyclohexane
Concen: 17.144 ug/l
RT: 7.807 min Scan# 911
Delta R.T. 0.018 min
Lab File: VY017707.D
Acq: 19 Mar 2024 12:58

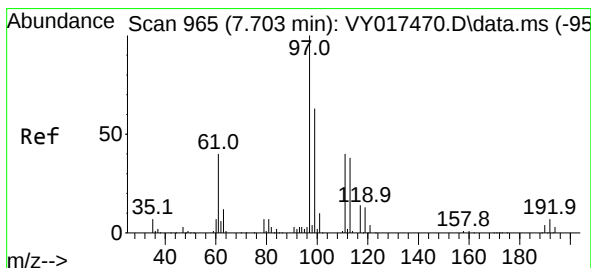
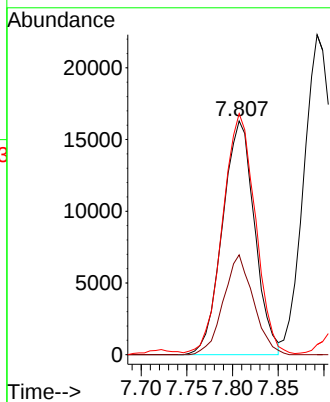
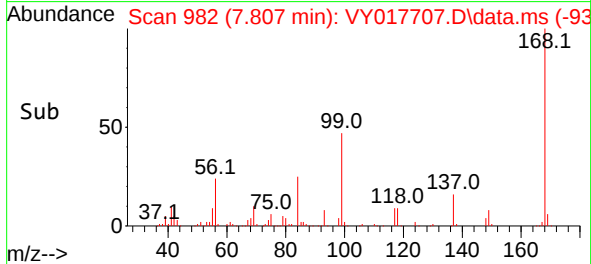
Instrument :
MSVOA_Y
ClientSampleId :
VY0319SBSD01



Tgt Ion: 56 Resp: 39789
Ion Ratio Lower Upper
56 100
69 42.7 28.7 43.1
84 101.8 77.7 116.5

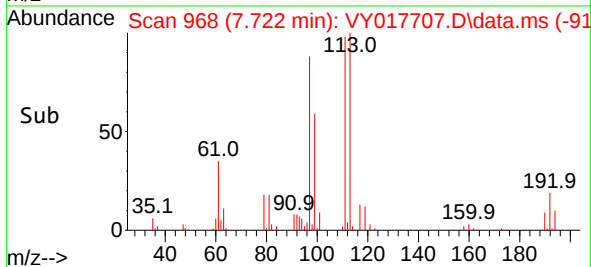
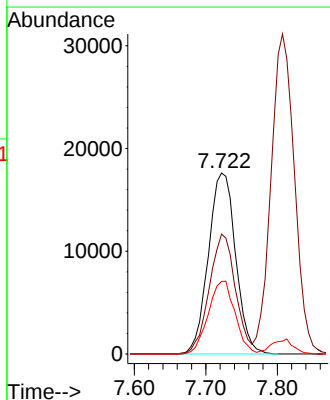
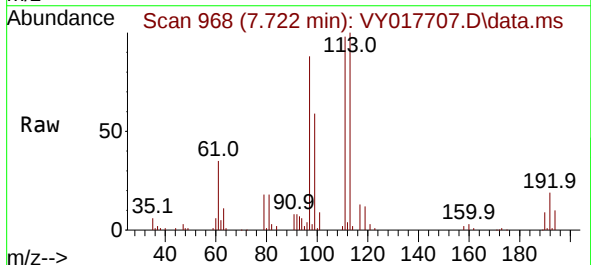
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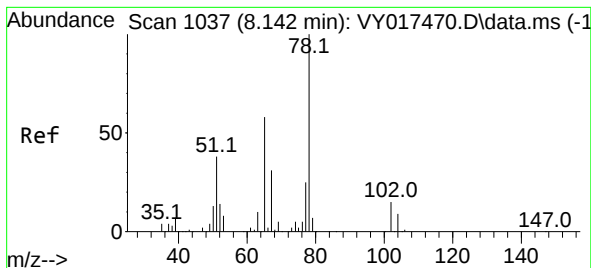
Reviewed By :Mahesh Dadoda 03/20/2024
Supervised By :Semsettin Yesilyurt 03/20/2024



#32
1,1,1-Trichloroethane
Concen: 18.640 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.018 min
Lab File: VY017707.D
Acq: 19 Mar 2024 12:58

Tgt Ion: 97 Resp: 46654
Ion Ratio Lower Upper
97 100
99 63.7 50.3 75.5
61 39.4 32.6 48.8





#33

1,2-Dichloroethane-d4

Concen: 44.800 ug/l

RT: 8.161 min Scan# 1130

Delta R.T. 0.018 min

Lab File: VY017707.D

Acq: 19 Mar 2024 12:58

Instrument :

MSVOA_Y

ClientSampleId :

VY0319SBS01

Tgt Ion: 65 Resp: 63889

Ion Ratio Lower Upper

65 100

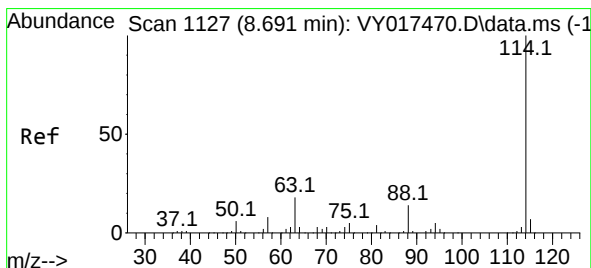
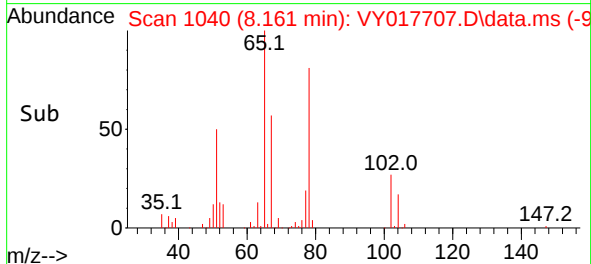
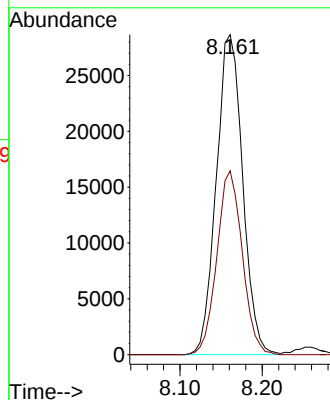
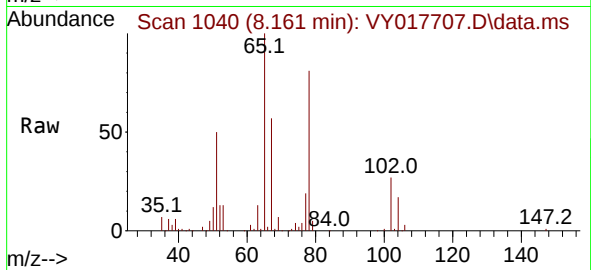
67 55.3 0.0 109.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/20/2024

Supervised By :Semsettin Yesilyurt 03/20/2024



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.710 min Scan# 1130

Delta R.T. 0.018 min

Lab File: VY017707.D

Acq: 19 Mar 2024 12:58

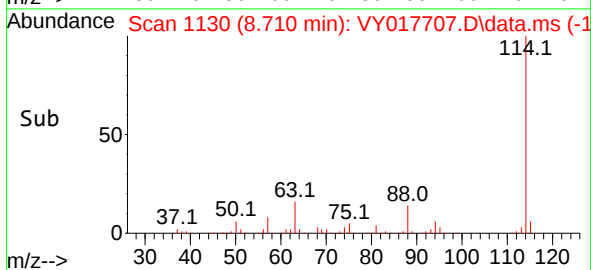
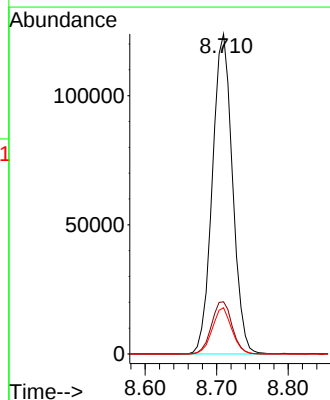
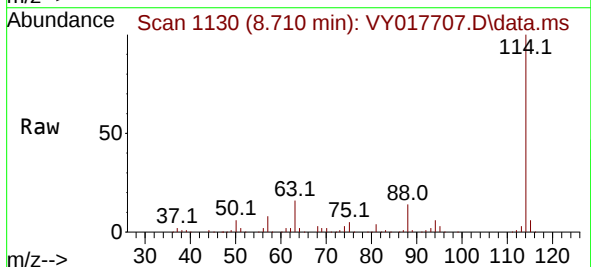
Tgt Ion:114 Resp: 242039

Ion Ratio Lower Upper

114 100

63 16.3 0.0 35.0

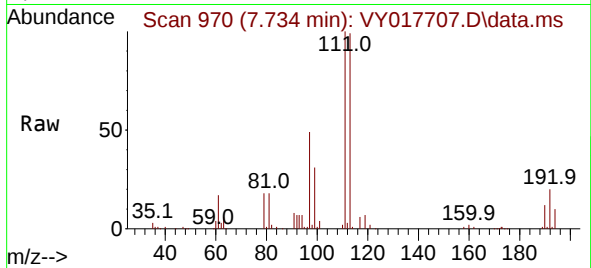
88 14.5 0.0 27.2





#35
Dibromofluoromethane
Concen: 44.292 ug/l
RT: 7.734 min Scan# 91
Delta R.T. 0.018 min
Lab File: VY017707.D
Acq: 19 Mar 2024 12:58

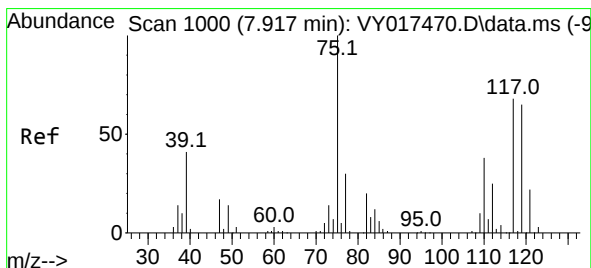
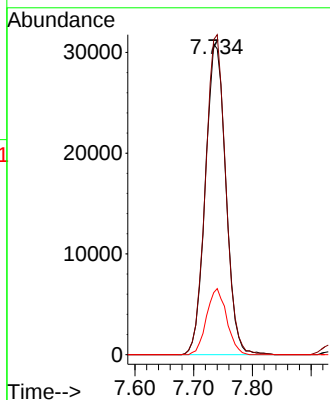
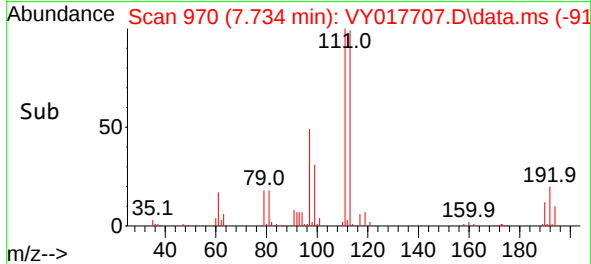
Instrument :
MSVOA_Y
ClientSampleId :
VY0319SBS01



Tgt Ion: 113 Resp: 7470
Ion Ratio Lower Upper
113 100
111 101.8 82.2 123.4
192 20.9 15.9 23.9

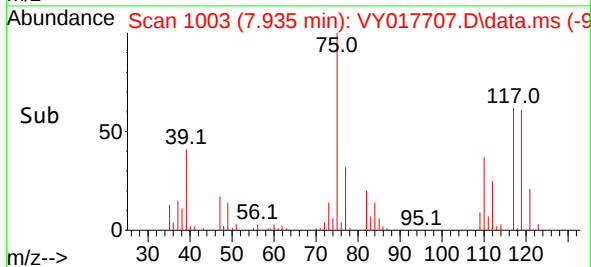
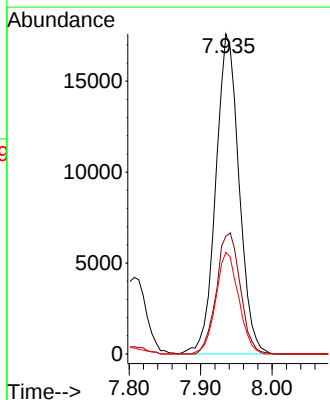
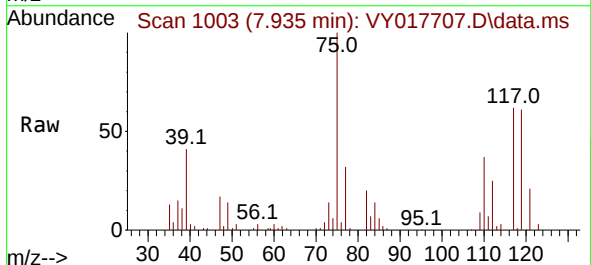
Manual Integrations
APPROVED

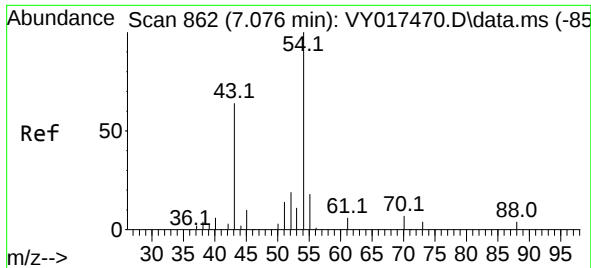
Reviewed By :Mahesh Dadoda 03/20/2024
Supervised By :Semsettin Yesilyurt 03/20/2024



#36
1,1-Dichloropropene
Concen: 17.484 ug/l
RT: 7.935 min Scan# 1003
Delta R.T. 0.018 min
Lab File: VY017707.D
Acq: 19 Mar 2024 12:58

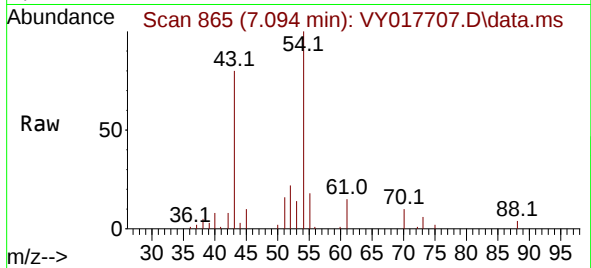
Tgt Ion: 75 Resp: 39786
Ion Ratio Lower Upper
75 100
110 38.8 19.0 57.0
77 31.2 25.3 37.9





#37
Ethyl Acetate
Concen: 16.537 ug/l
RT: 7.094 min Scan# 80
Delta R.T. 0.018 min
Lab File: VY017707.D
Acq: 19 Mar 2024 12:58

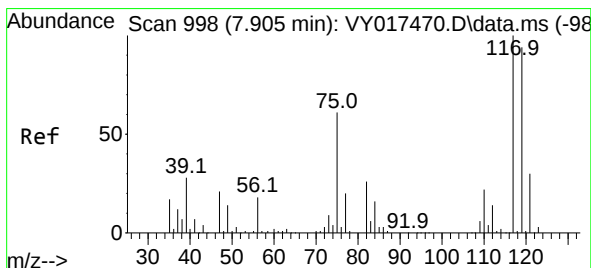
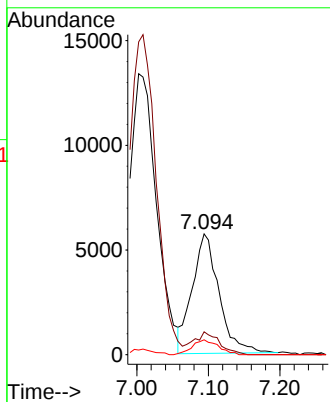
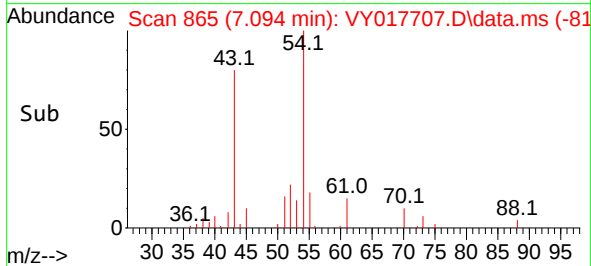
Instrument :
MSVOA_Y
ClientSampleId :
VY0319SBS01



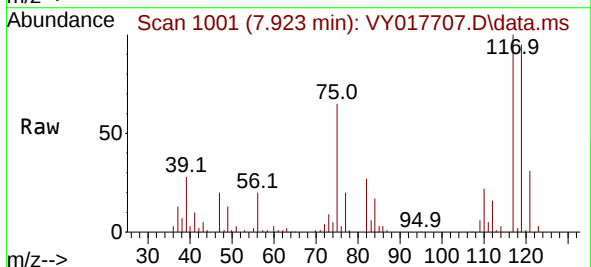
Tgt Ion: 43 Resp: 1486
Ion Ratio Lower Upper
43 100
61 18.5 12.6 19.0
70 12.0 7.8 11.8

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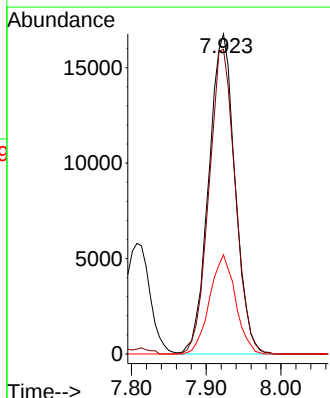
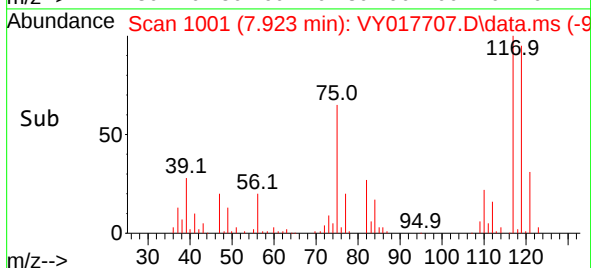
Reviewed By :Mahesh Dadoda 03/20/2024
Supervised By :Semsettin Yesilyurt 03/20/2024

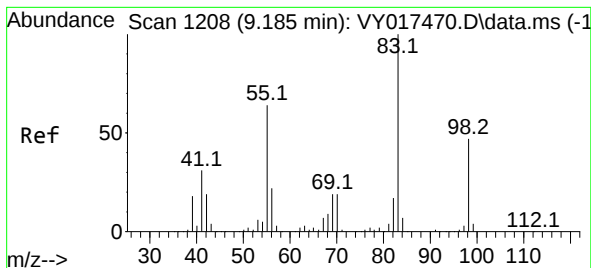


#38
Carbon Tetrachloride
Concen: 17.977 ug/l
RT: 7.923 min Scan# 1001
Delta R.T. 0.018 min
Lab File: VY017707.D
Acq: 19 Mar 2024 12:58



Tgt Ion:117 Resp: 40999
Ion Ratio Lower Upper
117 100
119 95.2 75.8 113.6
121 31.0 24.0 36.0





#39

Methylcyclohexane

Concen: 16.620 ug/l

RT: 9.203 min Scan# 11

Delta R.T. 0.018 min

Lab File: VY017707.D

Acq: 19 Mar 2024 12:58

Instrument :

MSVOA_Y

ClientSampleId :

VY0319SBS01

Tgt Ion: 83 Resp: 4545

Ion Ratio Lower Upper

83 100

55 66.7 51.5 77.3

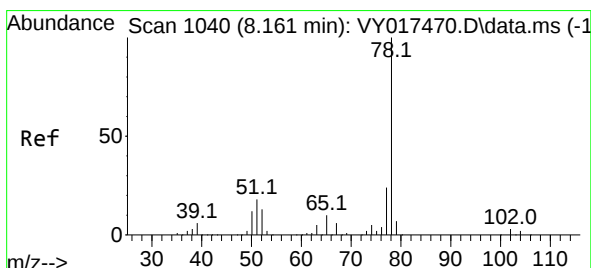
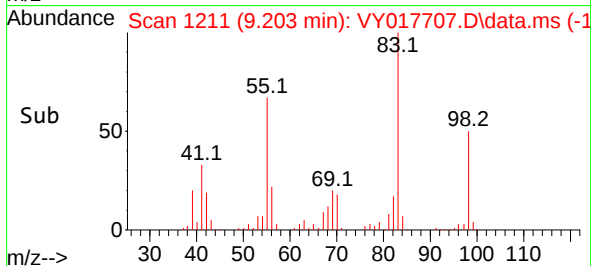
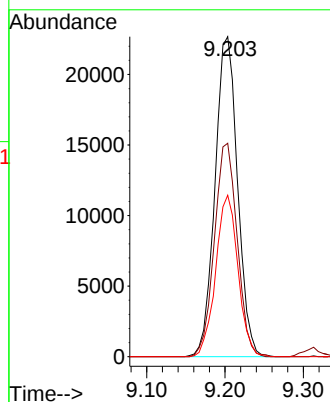
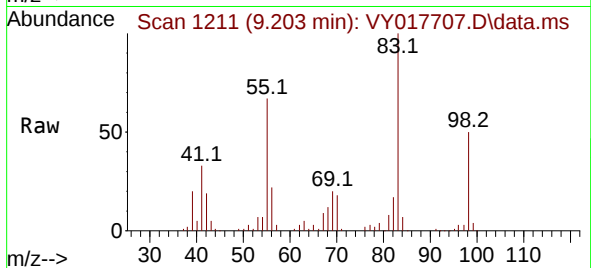
98 50.4 40.5 60.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/20/2024

Supervised By :Semsettin Yesilyurt 03/20/2024



#40

Benzene

Concen: 18.353 ug/l

RT: 8.179 min Scan# 1043

Delta R.T. 0.018 min

Lab File: VY017707.D

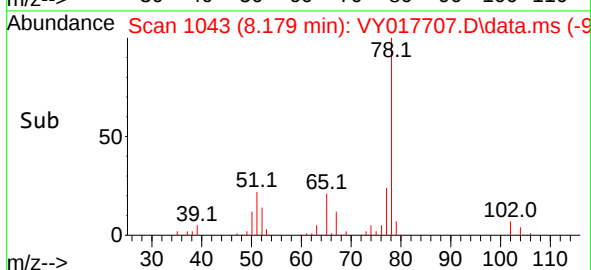
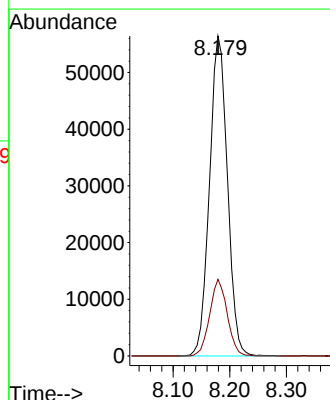
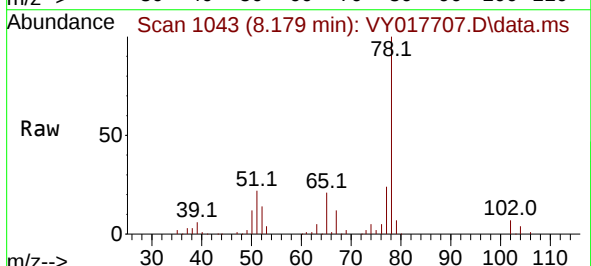
Acq: 19 Mar 2024 12:58

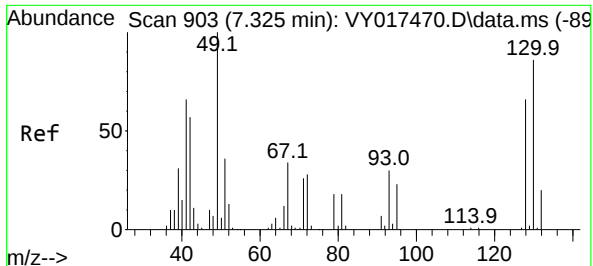
Tgt Ion: 78 Resp: 124031

Ion Ratio Lower Upper

78 100

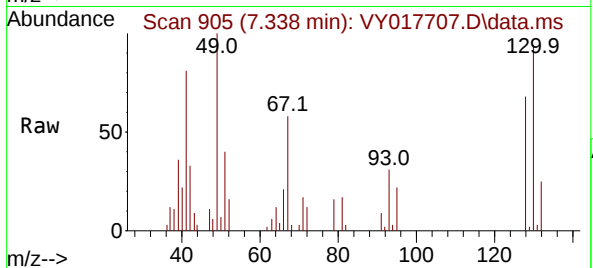
77 24.0 19.5 29.3





#41
Methacrylonitrile
Concen: 17.263 ug/l m
RT: 7.338 min Scan# 903
Delta R.T. 0.012 min
Lab File: VY017707.D
Acq: 19 Mar 2024 12:58

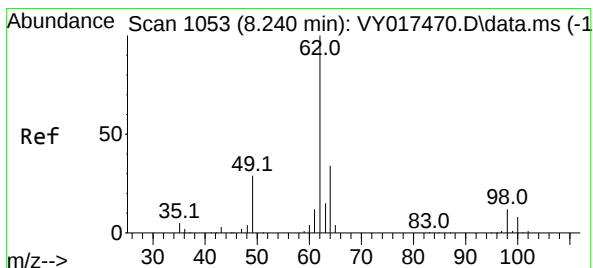
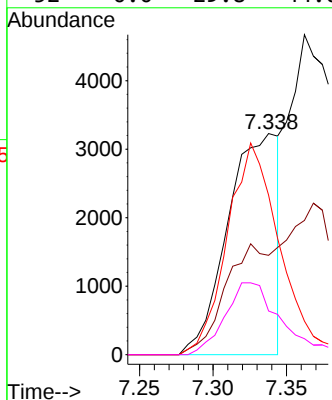
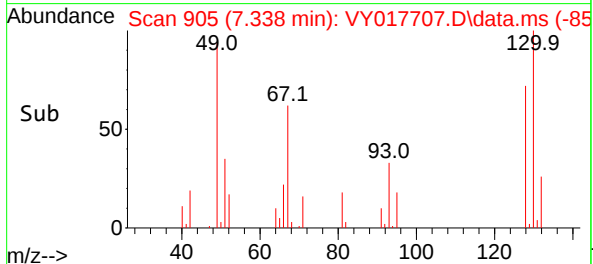
Instrument :
MSVOA_Y
ClientSampleId :
VY0319SBS01



Tgt Ion: 41 Resp: 7780
Ion Ratio Lower Upper
41 100
39 69.9 48.0 72.0
67 0.0 75.1 112.7
52 0.0 29.8 44.6

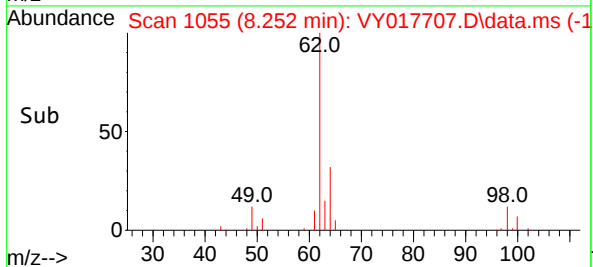
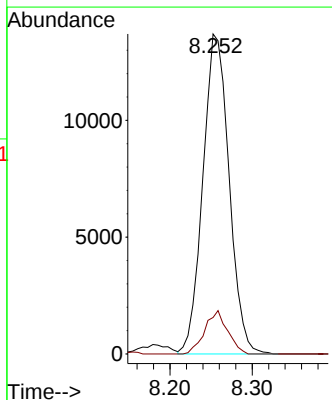
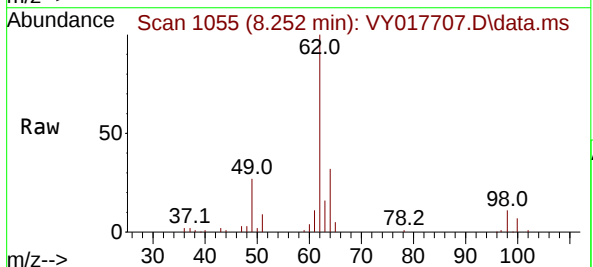
Manual Integrations
APPROVED

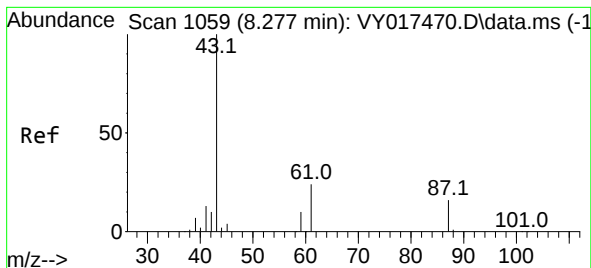
Reviewed By :Mahesh Dadoda 03/20/2024
Supervised By :Semsettin Yesilyurt 03/20/2024



#42
1,2-Dichloroethane
Concen: 18.429 ug/l
RT: 8.252 min Scan# 1055
Delta R.T. 0.012 min
Lab File: VY017707.D
Acq: 19 Mar 2024 12:58

Tgt Ion: 62 Resp: 30387
Ion Ratio Lower Upper
62 100
98 11.7 0.0 22.0





#43

Isopropyl Acetate

Concen: 17.179 ug/l

RT: 8.289 min Scan# 1107

Delta R.T. 0.012 min

Lab File: VY017707.D

Acq: 19 Mar 2024 12:58

Instrument :

MSVOA_Y

ClientSampleId :

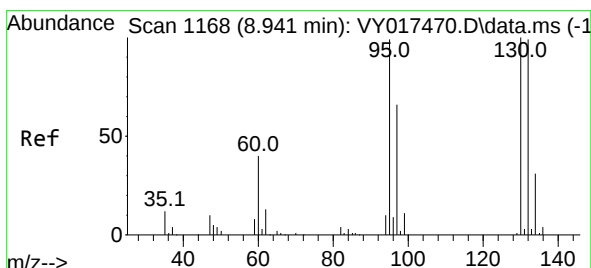
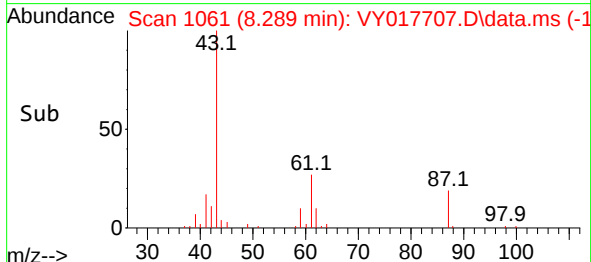
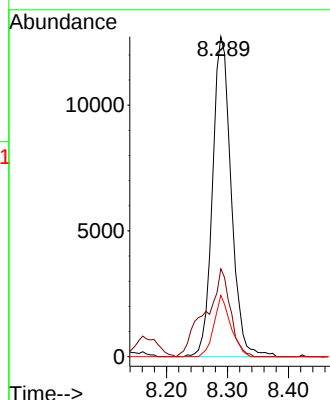
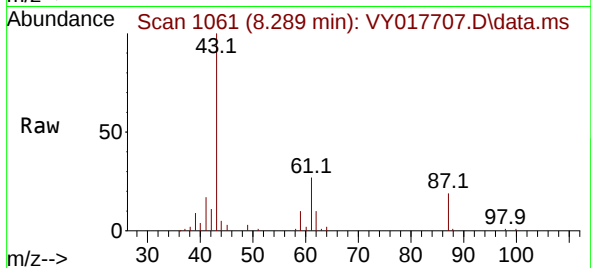
VY0319SBS01

Tgt Ion: 43	Resp: 2713
Ion Ratio	Lower Upper
43	100
61	36.5 27.9 41.9
87	17.1 13.1 19.7

Manual Integrations

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Reviewed By :Mahesh Dadoda 03/20/2024
Supervised By :Semsettin Yesilyurt 03/20/2024



#44

Trichloroethene

Concen: 18.100 ug/l

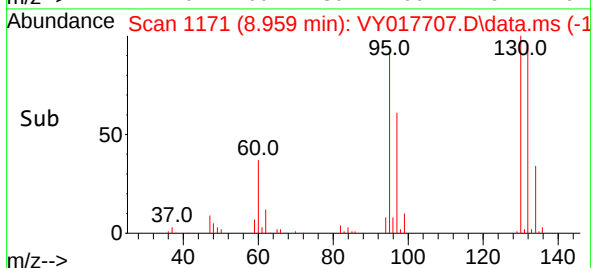
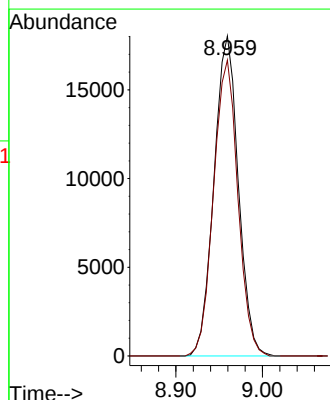
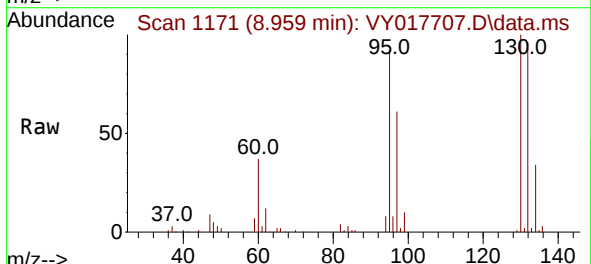
RT: 8.959 min Scan# 1171

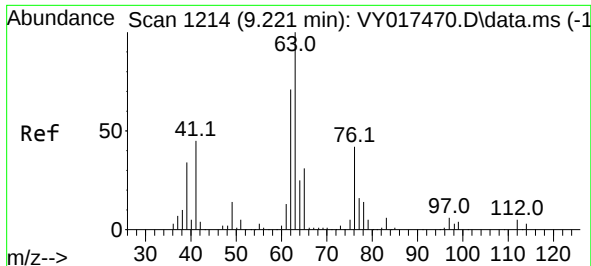
Delta R.T. 0.018 min

Lab File: VY017707.D

Acq: 19 Mar 2024 12:58

Tgt Ion:130	Resp: 35255
Ion Ratio	Lower Upper
130	100
95	92.5 0.0 188.0





#45

1,2-Dichloropropane

Concen: 18.015 ug/l

RT: 9.234 min Scan# 1216

Delta R.T. 0.012 min

Lab File: VY017707.D

Acq: 19 Mar 2024 12:58

Instrument :

MSVOA_Y

ClientSampleId :

VY0319SBS01

Tgt Ion: 63 Resp: 2896

Ion Ratio Lower Upper

63 100

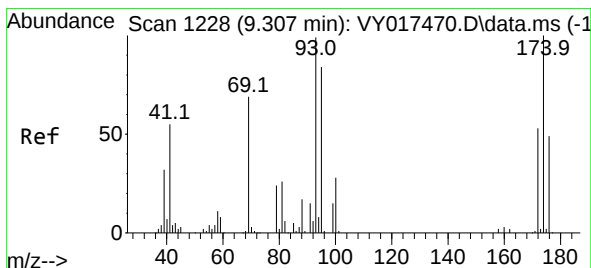
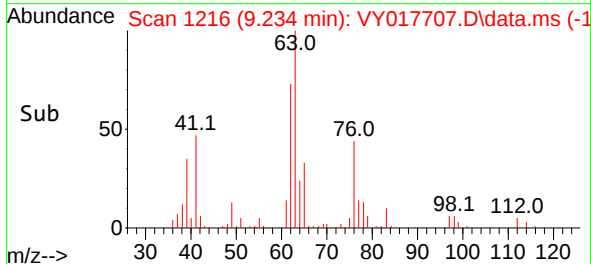
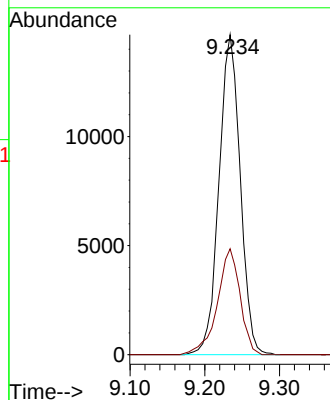
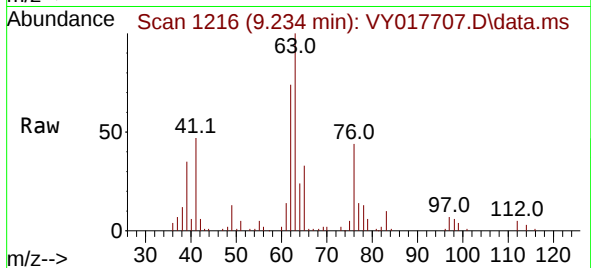
65 33.1 25.4 38.2

Manual Integrations

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Reviewed By :Mahesh Dadoda 03/20/2024

Supervised By :Semsettin Yesilyurt 03/20/2024



#46

Dibromomethane

Concen: 18.647 ug/l

RT: 9.325 min Scan# 1231

Delta R.T. 0.018 min

Lab File: VY017707.D

Acq: 19 Mar 2024 12:58

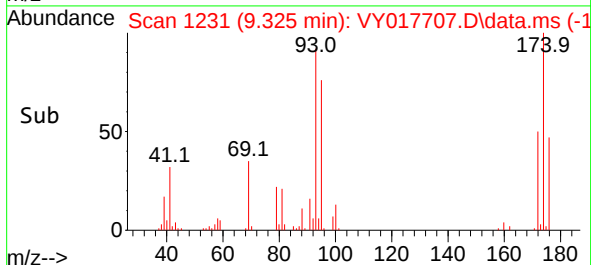
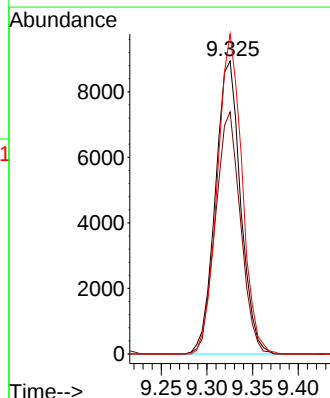
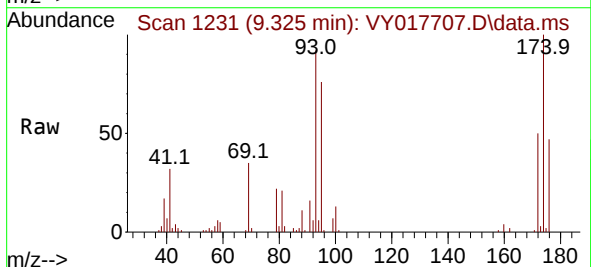
Tgt Ion: 93 Resp: 17158

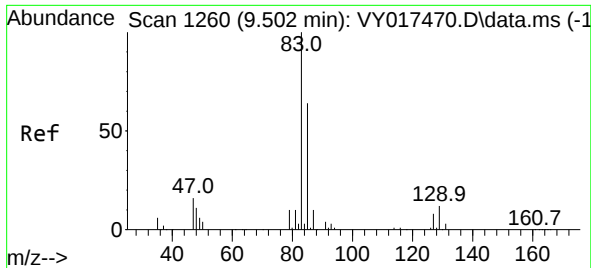
Ion Ratio Lower Upper

93 100

95 82.2 66.2 99.4

174 106.6 80.9 121.3





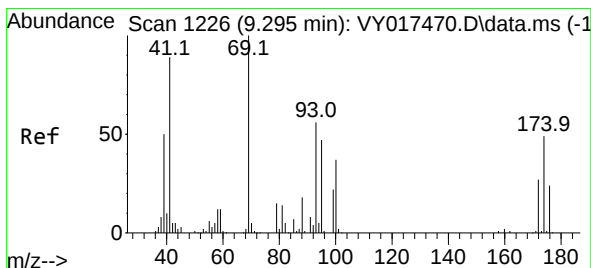
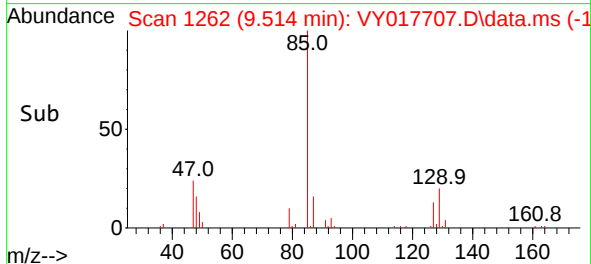
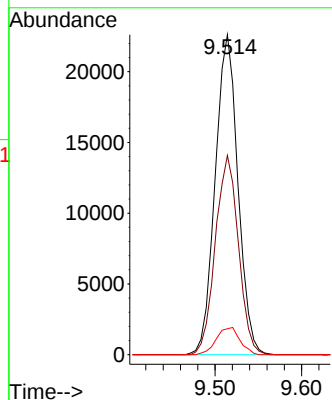
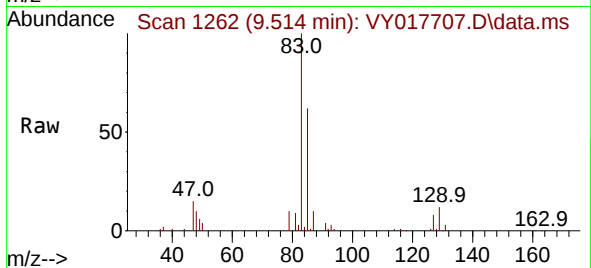
#47
Bromodichloromethane
Concen: 18.447 ug/l
RT: 9.514 min Scan# 1262
Delta R.T. 0.012 min
Lab File: VY017707.D
Acq: 19 Mar 2024 12:58

Instrument :
MSVOA_Y
ClientSampleId :
VY0319SBS01

Tgt Ion: 83 Resp: 41214
Ion Ratio Lower Upper
83 100
85 62.2 50.1 75.1
127 8.1 7.4 11.0

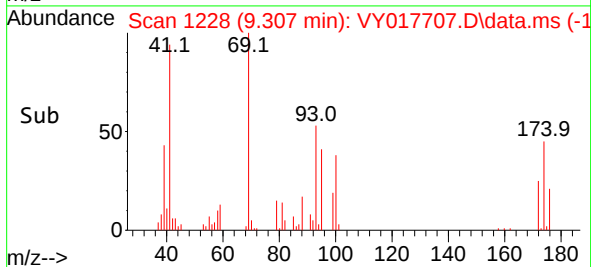
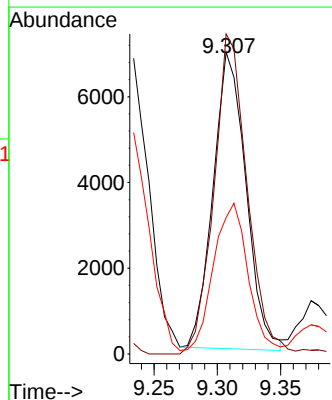
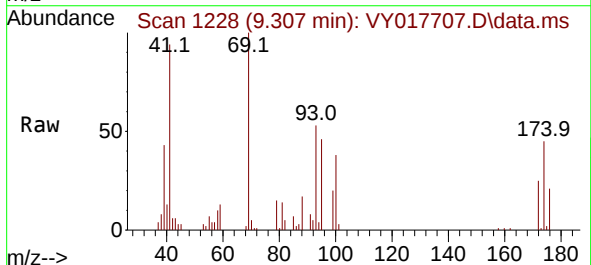
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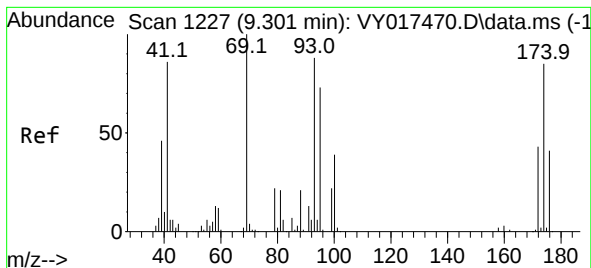
Reviewed By :Mahesh Dadoda 03/20/2024
Supervised By :Semsettin Yesilyurt 03/20/2024



#48
Methyl methacrylate
Concen: 17.040 ug/l
RT: 9.307 min Scan# 1228
Delta R.T. 0.012 min
Lab File: VY017707.D
Acq: 19 Mar 2024 12:58

Tgt Ion: 41 Resp: 12457
Ion Ratio Lower Upper
41 100
69 109.3 84.1 126.1
39 52.0 43.6 65.4





#49

1,4-Dioxane

Concen: 320.641 ug/l

RT: 9.319 min Scan# 1227

Delta R.T. 0.018 min

Lab File: VY017707.D

Acq: 19 Mar 2024 12:58

Instrument :

MSVOA_Y

ClientSampleId :

VY0319SBS01

Tgt Ion: 88 Resp: 3339

Ion Ratio Lower Upper

88 100

43 28.8 0.0 0.0

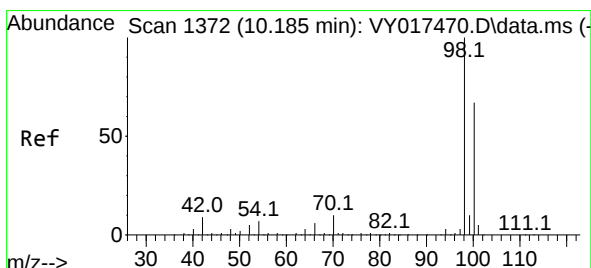
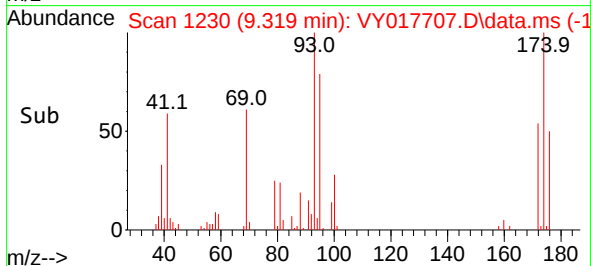
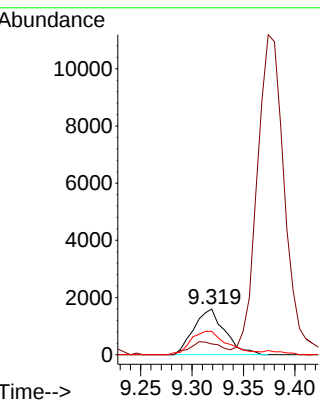
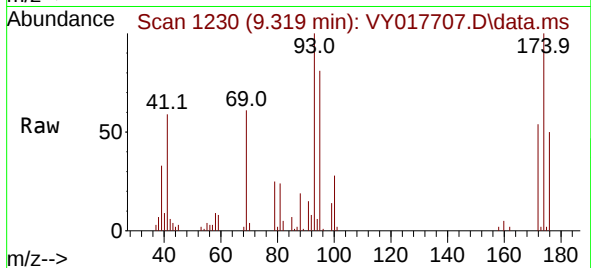
58 60.9 49.3 73.9

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Reviewed By :Mahesh Dadoda 03/20/2024

Supervised By :Semsettin Yesilyurt 03/20/2024



#50

Toluene-d8

Concen: 48.434 ug/l

RT: 10.197 min Scan# 1374

Delta R.T. 0.012 min

Lab File: VY017707.D

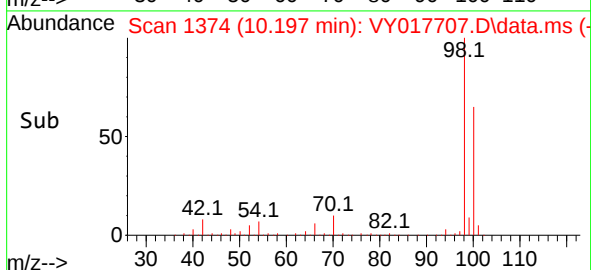
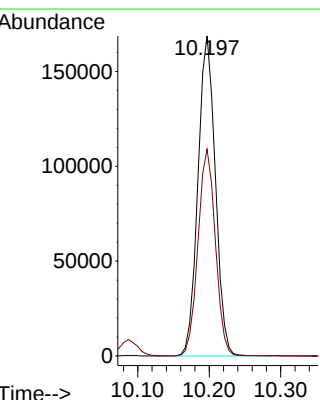
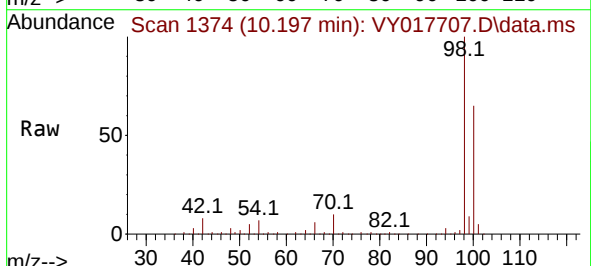
Acq: 19 Mar 2024 12:58

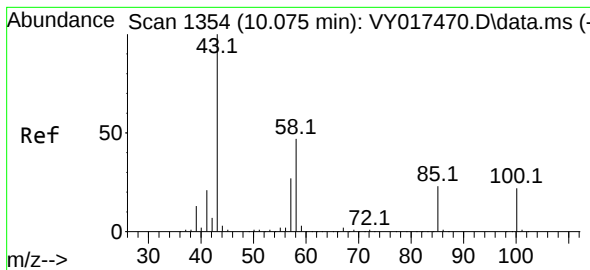
Tgt Ion: 98 Resp: 285613

Ion Ratio Lower Upper

98 100

100 64.4 52.0 78.0





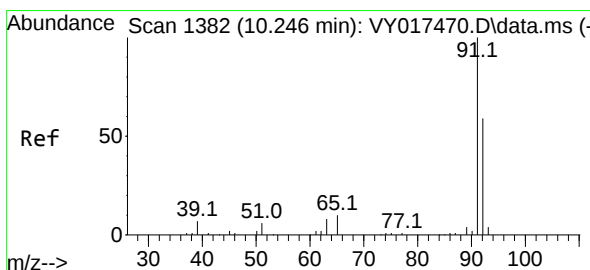
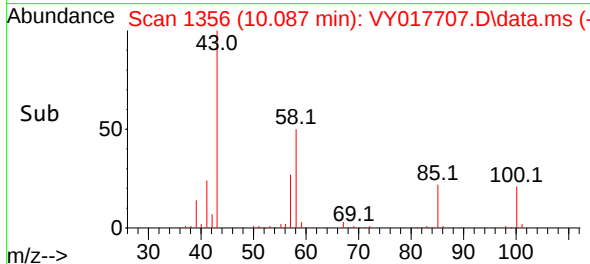
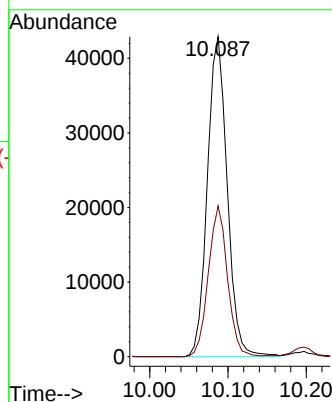
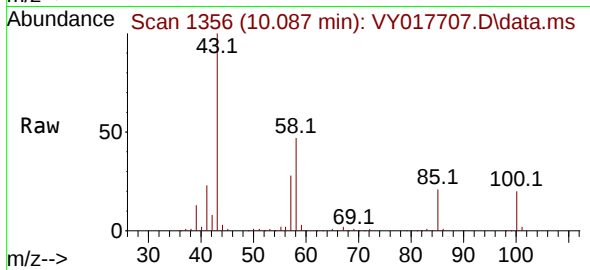
#51
4-Methyl-2-Pentanone
Concen: 85.669 ug/l
RT: 10.087 min Scan# 1356
Delta R.T. 0.012 min
Lab File: VY017707.D
Acq: 19 Mar 2024 12:58

Instrument :
MSVOA_Y
ClientSampleId :
VY0319SBS01

Tgt Ion: 43 Resp: 75409
Ion Ratio Lower Upper
43 100
58 45.5 35.7 53.5

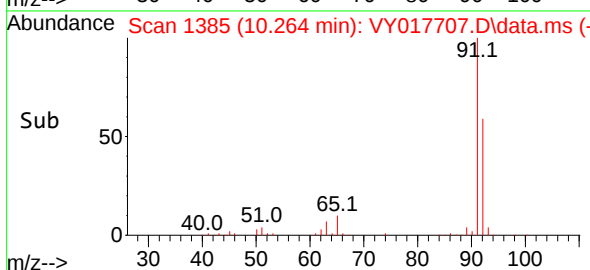
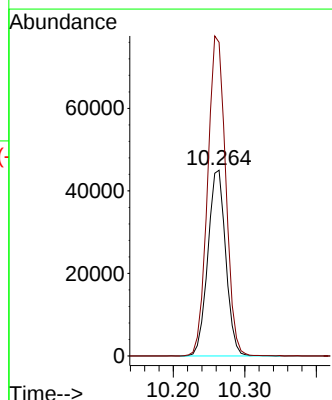
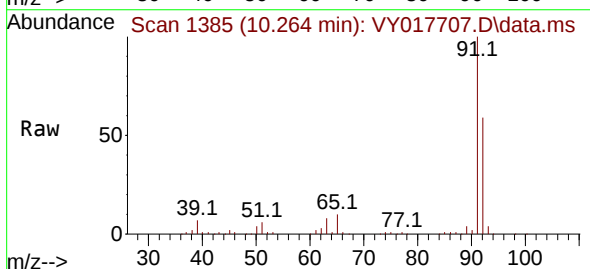
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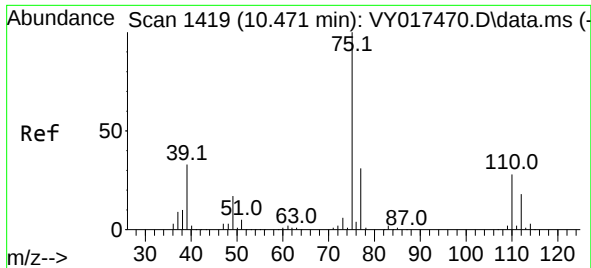
Reviewed By :Mahesh Dadoda 03/20/2024
Supervised By :Semsettin Yesilyurt 03/20/2024



#52
Toluene
Concen: 18.366 ug/l
RT: 10.264 min Scan# 1385
Delta R.T. 0.018 min
Lab File: VY017707.D
Acq: 19 Mar 2024 12:58

Tgt Ion: 92 Resp: 78244
Ion Ratio Lower Upper
92 100
91 174.3 139.0 208.6





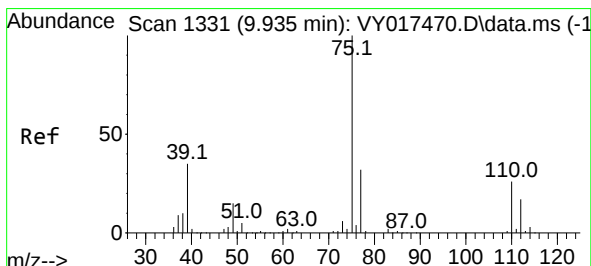
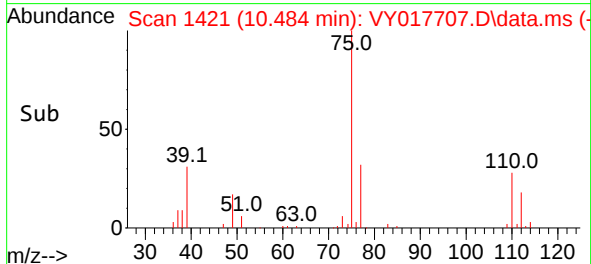
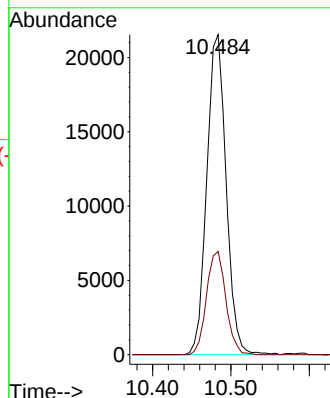
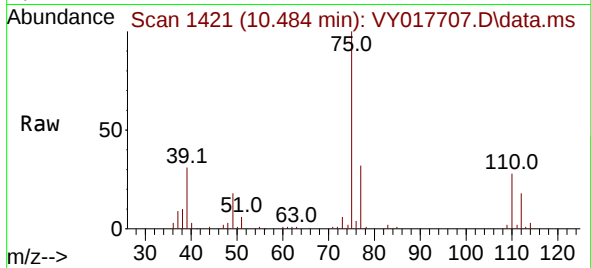
#53
t-1,3-Dichloropropene
Concen: 17.793 ug/l
RT: 10.484 min Scan# 1419
Delta R.T. 0.012 min
Lab File: VY017707.D
Acq: 19 Mar 2024 12:58

Instrument :
MSVOA_Y
ClientSampleId :
VY0319SBS01

Tgt Ion: 75 Resp: 36898
Ion Ratio Lower Upper
75 100
77 32.2 24.1 36.1

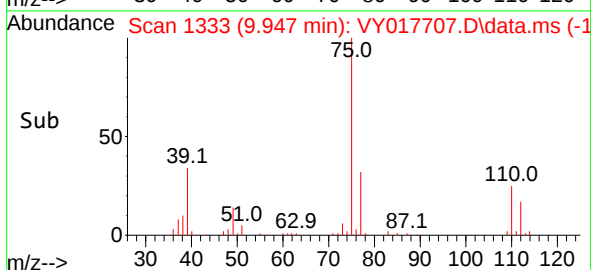
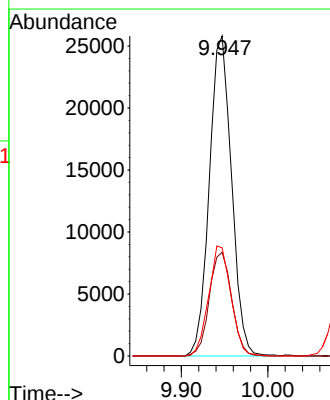
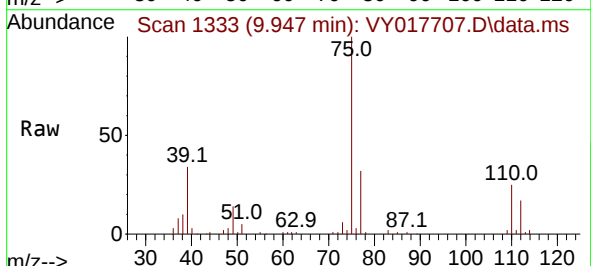
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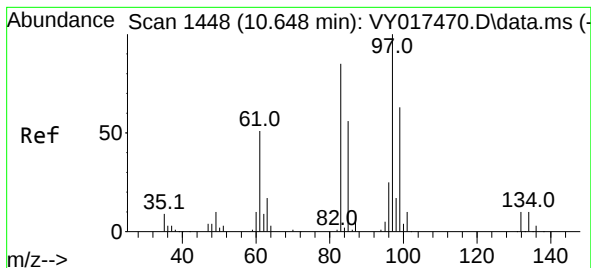
Reviewed By :Mahesh Dadoda 03/20/2024
Supervised By :Semsettin Yesilyurt 03/20/2024



#54
cis-1,3-Dichloropropene
Concen: 18.213 ug/l
RT: 9.947 min Scan# 1333
Delta R.T. 0.012 min
Lab File: VY017707.D
Acq: 19 Mar 2024 12:58

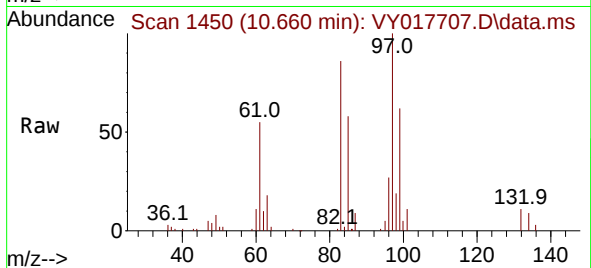
Tgt Ion: 75 Resp: 45893
Ion Ratio Lower Upper
75 100
77 32.4 25.4 38.0
39 33.8 29.8 44.6





#55
1,1,2-Trichloroethane
Concen: 17.907 ug/l
RT: 10.660 min Scan# 1448
Delta R.T. 0.012 min
Lab File: VY017707.D
Acq: 19 Mar 2024 12:58

Instrument :
MSVOA_Y
ClientSampleId :
VY0319SBS01

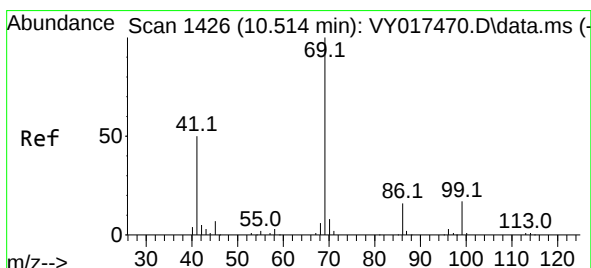
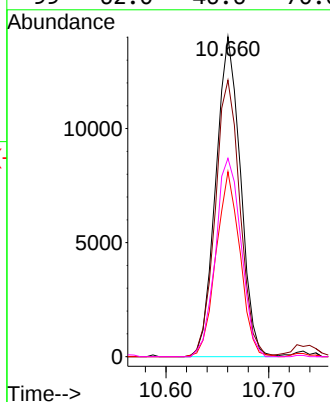
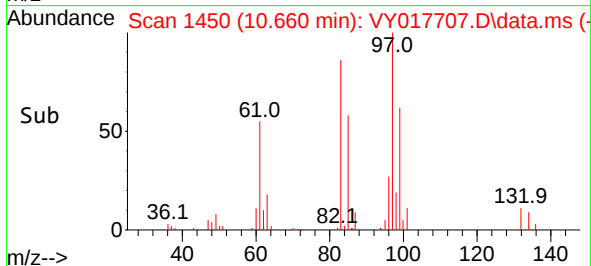


Tgt Ion: 97 Resp: 23394

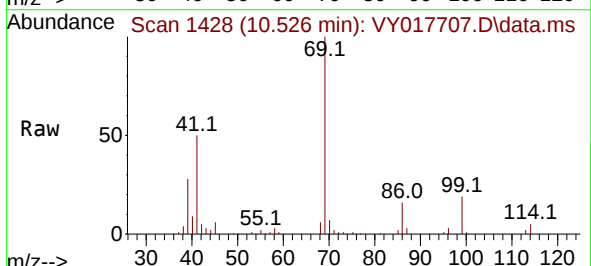
Ion	Ratio	Lower	Upper
97	100		
83	86.4	67.5	101.3
85	57.8	42.9	64.3
99	62.0	46.6	70.0

Manual Integrations
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Reviewed By :Mahesh Dadoda 03/20/2024
Supervised By :Semsettin Yesilyurt 03/20/2024

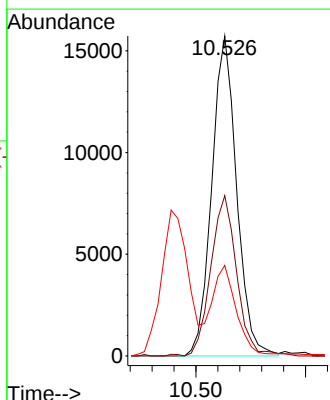
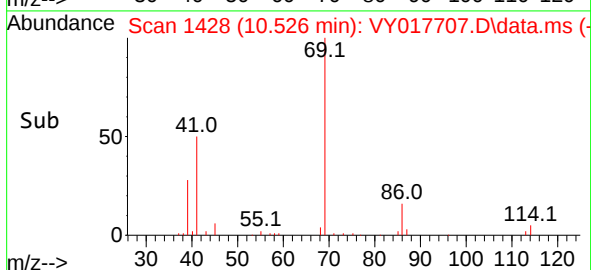


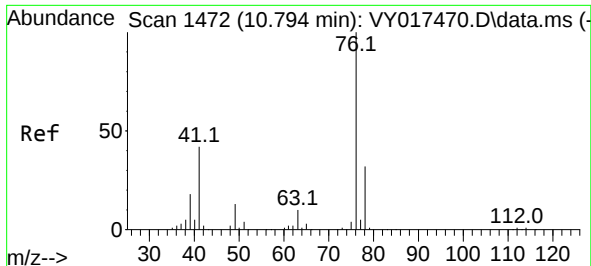
#56
Ethyl methacrylate
Concen: 17.173 ug/l
RT: 10.526 min Scan# 1428
Delta R.T. 0.012 min
Lab File: VY017707.D
Acq: 19 Mar 2024 12:58



Tgt Ion: 69 Resp: 24781

Ion	Ratio	Lower	Upper
69	100		
41	52.3	42.3	63.5
39	28.6	22.9	34.3





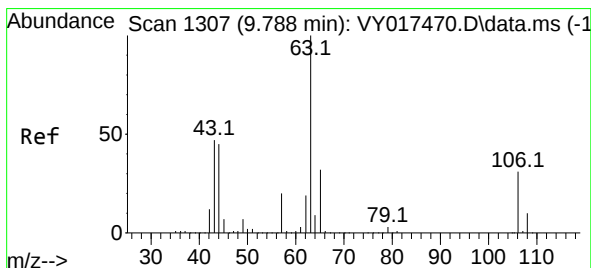
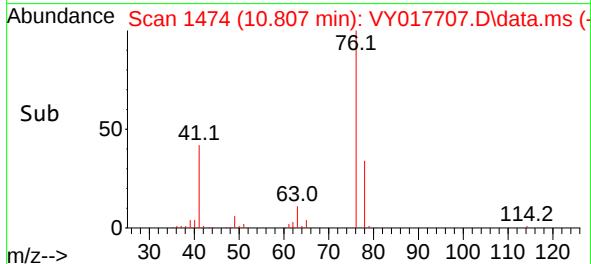
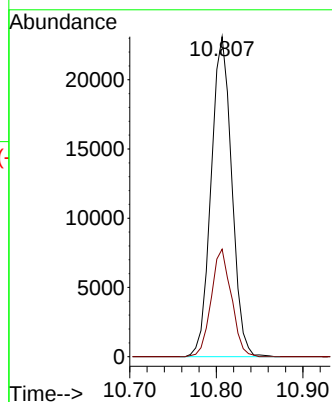
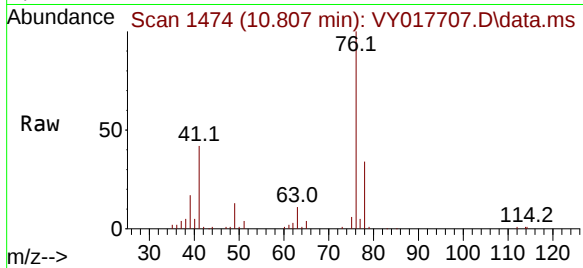
#57
1,3-Dichloropropane
Concen: 17.998 ug/l
RT: 10.807 min Scan# 1472
Delta R.T. 0.012 min
Lab File: VY017707.D
Acq: 19 Mar 2024 12:58

Instrument :
MSVOA_Y
ClientSampleId :
VY0319SBS01

Tgt Ion: 76 Resp: 38229
Ion Ratio Lower Upper
76 100
78 33.0 26.2 39.4

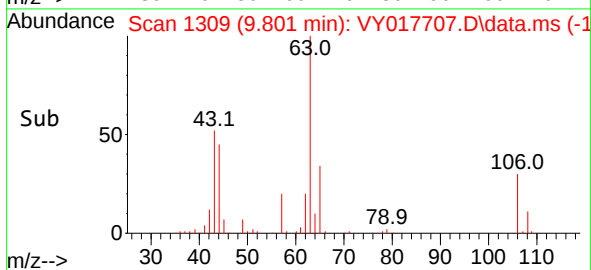
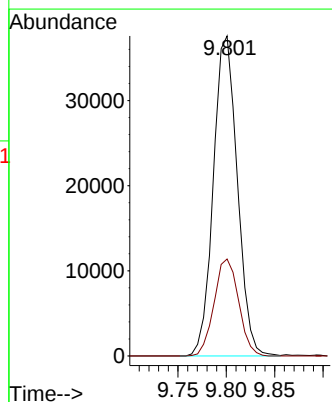
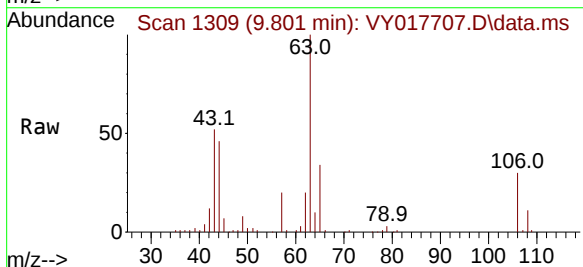
Manual Integrations
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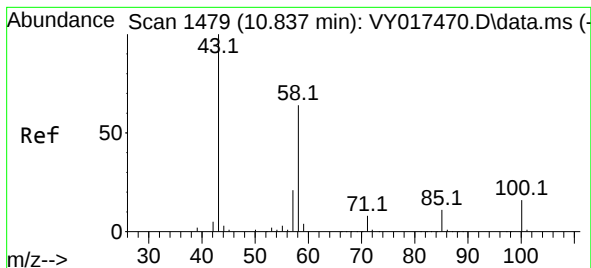
Reviewed By :Mahesh Dadoda 03/20/2024
Supervised By :Semsettin Yesilyurt 03/20/2024



#58
2-Chloroethyl Vinyl ether
Concen: 85.928 ug/l
RT: 9.801 min Scan# 1309
Delta R.T. 0.012 min
Lab File: VY017707.D
Acq: 19 Mar 2024 12:58

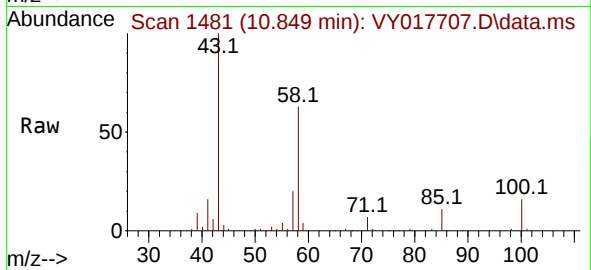
Tgt Ion: 63 Resp: 64780
Ion Ratio Lower Upper
63 100
106 30.9 23.7 35.5





#59
2-Hexanone
Concen: 90.416 ug/l
RT: 10.849 min Scan# 1479
Delta R.T. 0.012 min
Lab File: VY017707.D
Acq: 19 Mar 2024 12:58

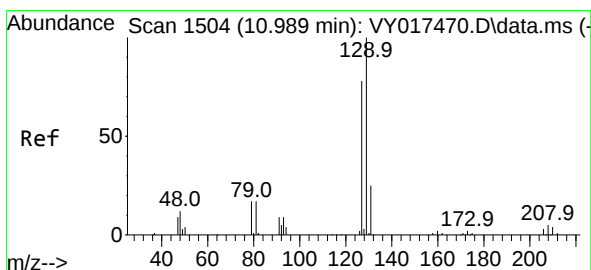
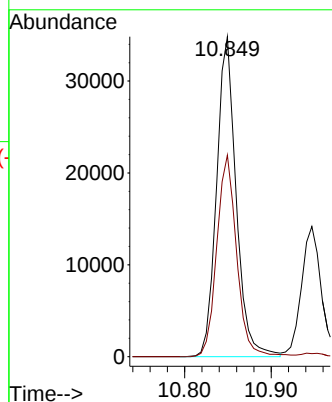
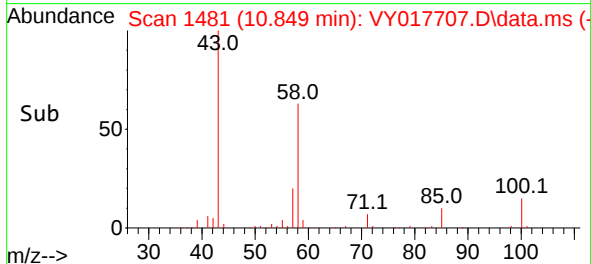
Instrument :
MSVOA_Y
ClientSampleId :
VY0319SBS01



Tgt Ion: 43 Resp: 5466
Ion Ratio Lower Upper
43 100
58 64.1 31.4 94.0

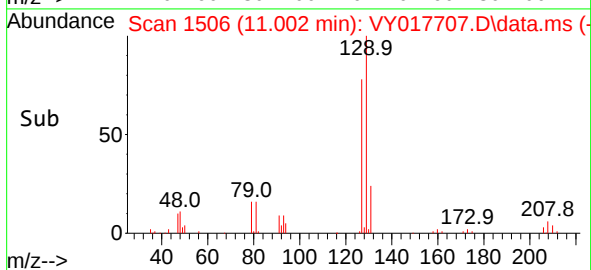
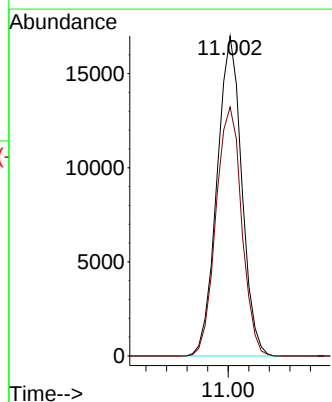
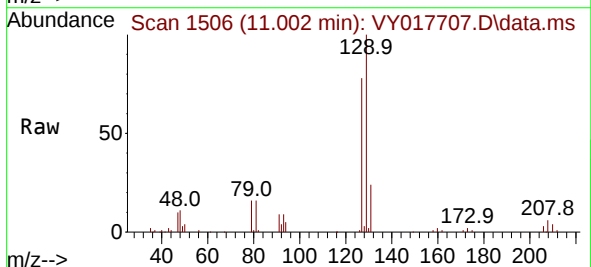
Manual Integrations
APPROVED

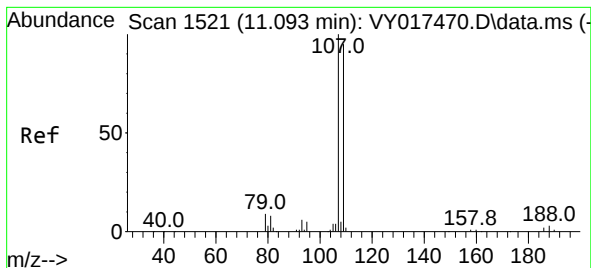
Reviewed By :Mahesh Dadoda 03/20/2024
Supervised By :Semsettin Yesilyurt 03/20/2024



#60
Dibromochloromethane
Concen: 18.376 ug/l
RT: 11.002 min Scan# 1506
Delta R.T. 0.012 min
Lab File: VY017707.D
Acq: 19 Mar 2024 12:58

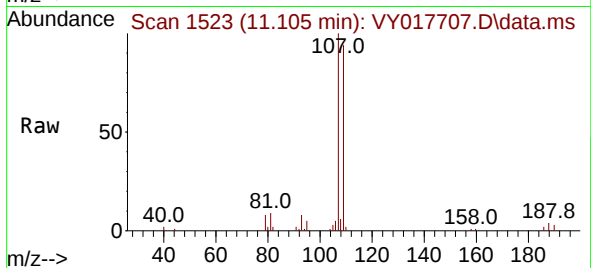
Tgt Ion:129 Resp: 28401
Ion Ratio Lower Upper
129 100
127 80.9 39.0 117.0





#61
1,2-Dibromoethane
Concen: 18.298 ug/l
RT: 11.105 min Scan# 1110
Delta R.T. 0.012 min
Lab File: VY017707.D
Acq: 19 Mar 2024 12:58

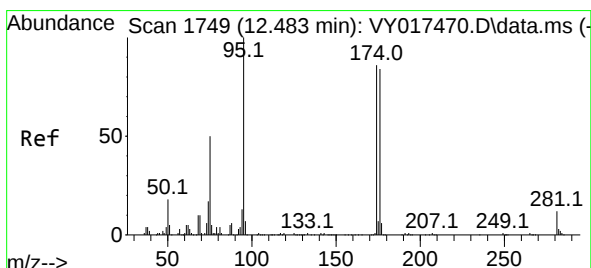
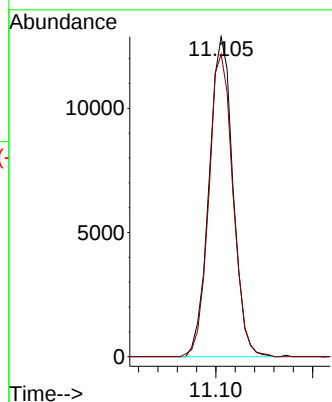
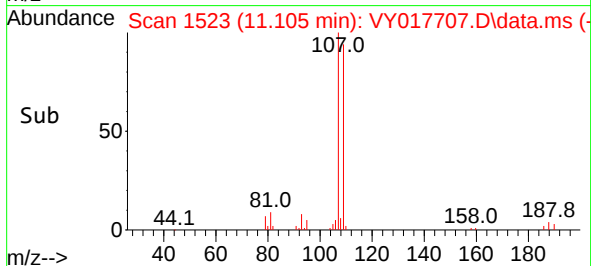
Instrument :
MSVOA_Y
ClientSampleId :
VY0319SBS01



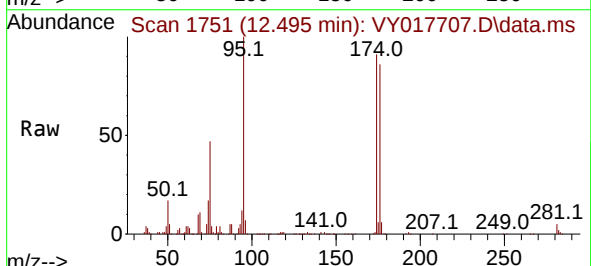
Tgt Ion:107 Resp: 22030
Ion Ratio Lower Upper
107 100
109 95.6 75.9 113.9

Manual Integrations
APPROVED

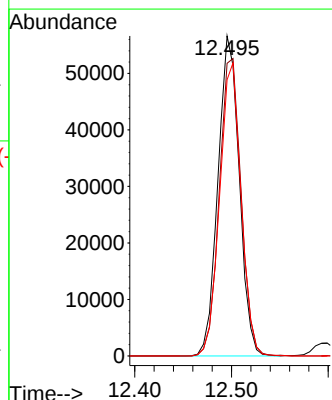
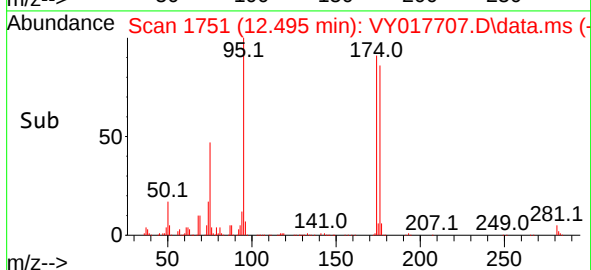
Reviewed By :Mahesh Dadoda 03/20/2024
Supervised By :Semsettin Yesilyurt 03/20/2024

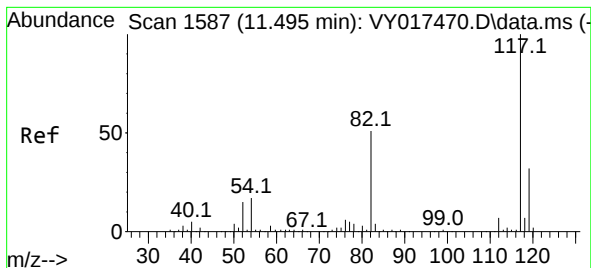


#62
4-Bromofluorobenzene
Concen: 46.646 ug/l
RT: 12.495 min Scan# 1751
Delta R.T. 0.012 min
Lab File: VY017707.D
Acq: 19 Mar 2024 12:58



Tgt Ion: 95 Resp: 86447
Ion Ratio Lower Upper
95 100
174 95.1 0.0 175.6
176 91.9 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.508 min Scan# 11

Delta R.T. 0.012 min

Lab File: VY017707.D

Acq: 19 Mar 2024 12:58

Instrument :

MSVOA_Y

ClientSampleId :

VY0319SBS01

Tgt Ion:117 Resp: 21673

Ion Ratio Lower Upper

117 100

82 49.4 42.4 63.6

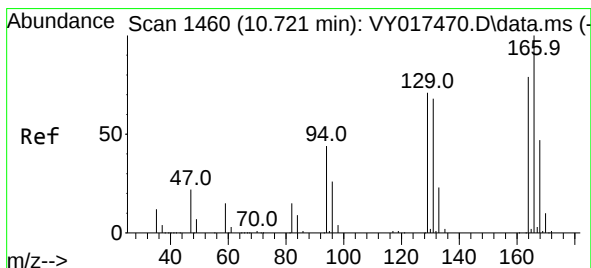
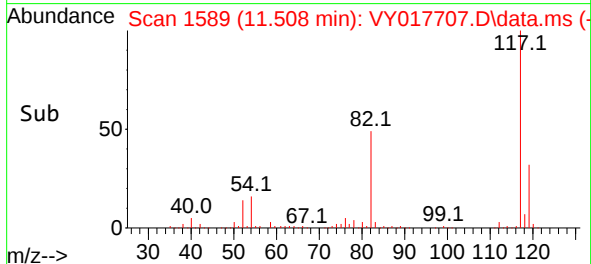
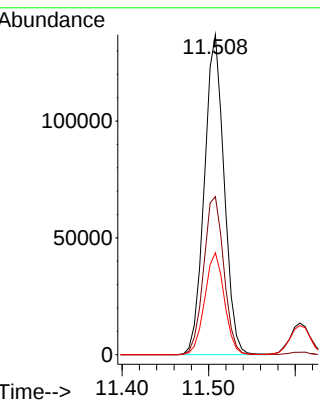
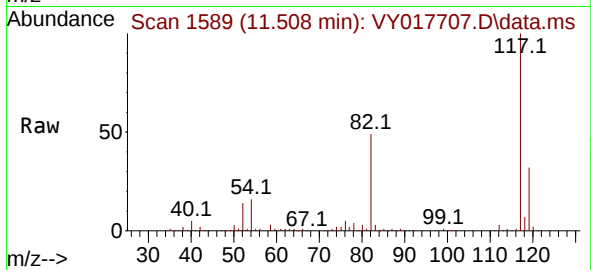
119 31.9 25.9 38.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/20/2024

Supervised By :Semsettin Yesilyurt 03/20/2024



#64

Tetrachloroethene

Concen: 17.500 ug/l

RT: 10.734 min Scan# 1462

Delta R.T. 0.012 min

Lab File: VY017707.D

Acq: 19 Mar 2024 12:58

Tgt Ion:164 Resp: 36405

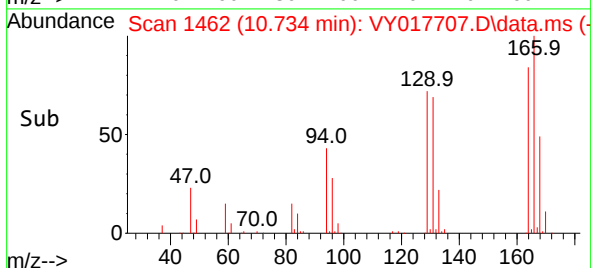
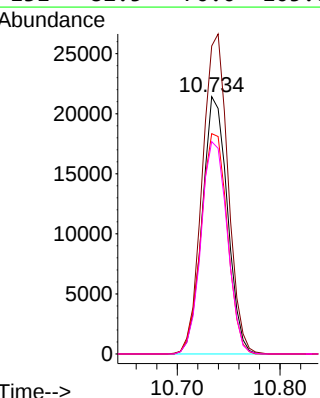
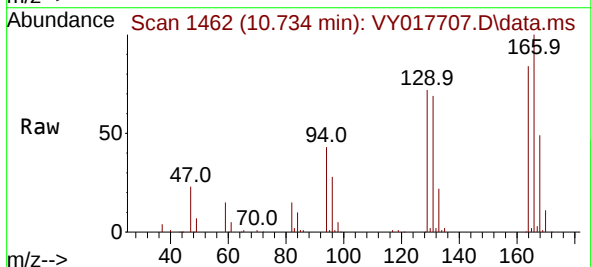
Ion Ratio Lower Upper

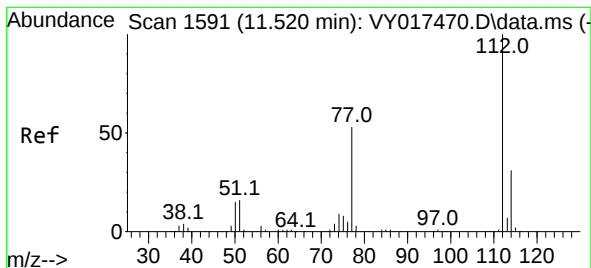
164 100

166 119.7 102.6 154.0

129 85.6 72.0 108.0

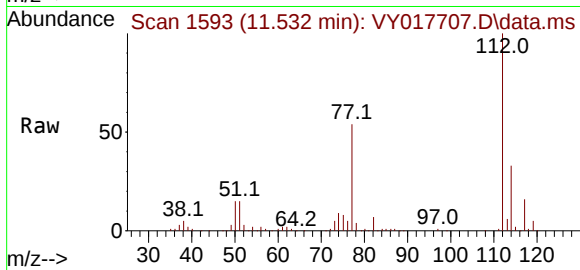
131 82.5 70.0 105.0





#65
Chlorobenzene
Concen: 18.341 ug/l
RT: 11.532 min Scan# 1593
Delta R.T. 0.012 min
Lab File: VY017707.D
Acq: 19 Mar 2024 12:58

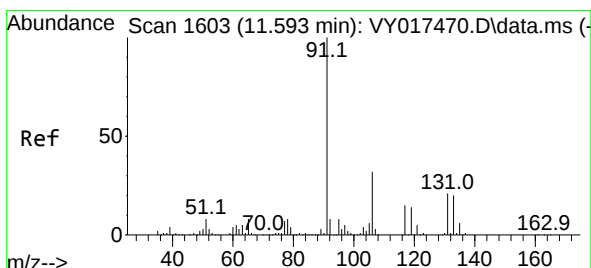
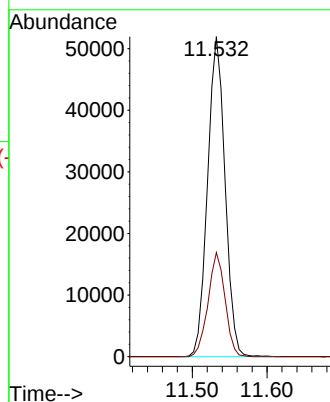
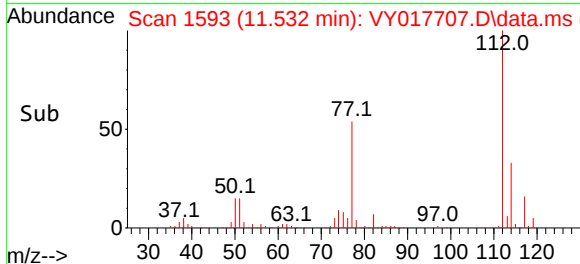
Instrument :
MSVOA_Y
ClientSampleId :
VY0319SBS01



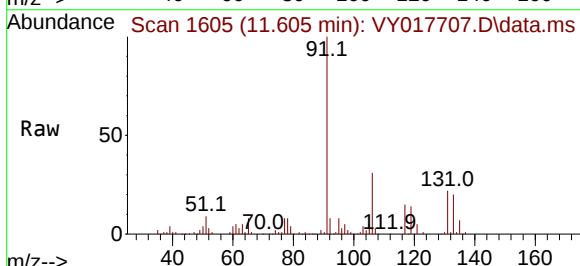
Tgt Ion:112 Resp: 8437
Ion Ratio Lower Upper
112 100
114 32.6 26.4 39.6

Manual Integrations
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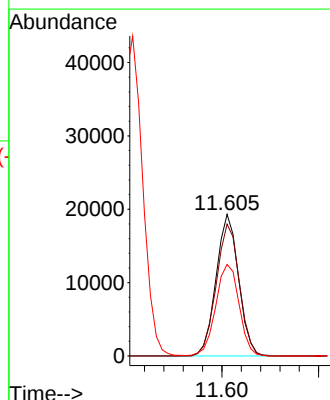
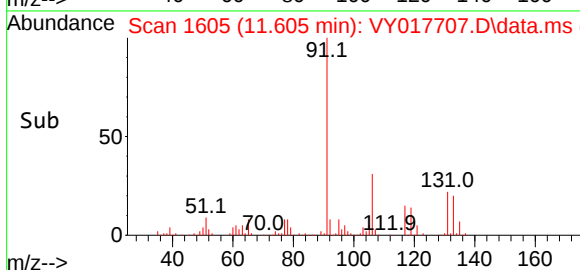
Reviewed By :Mahesh Dadoda 03/20/2024
Supervised By :Semsettin Yesilyurt 03/20/2024

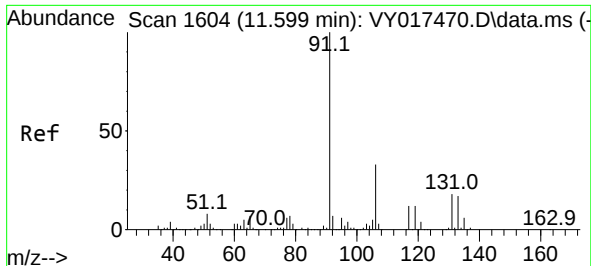


#66
1,1,1,2-Tetrachloroethane
Concen: 18.036 ug/l
RT: 11.605 min Scan# 1605
Delta R.T. 0.012 min
Lab File: VY017707.D
Acq: 19 Mar 2024 12:58



Tgt Ion:131 Resp: 31083
Ion Ratio Lower Upper
131 100
133 95.8 47.8 143.3
119 67.3 34.1 102.2





#67

Ethyl Benzene

Concen: 17.463 ug/l

RT: 11.605 min Scan# 1605

Delta R.T. 0.006 min

Lab File: VY017707.D

Acq: 19 Mar 2024 12:58

Instrument :

MSVOA_Y

ClientSampleId :

VY0319SBS01

Tgt Ion: 91 Resp: 14088

Ion Ratio Lower Upper

91 100

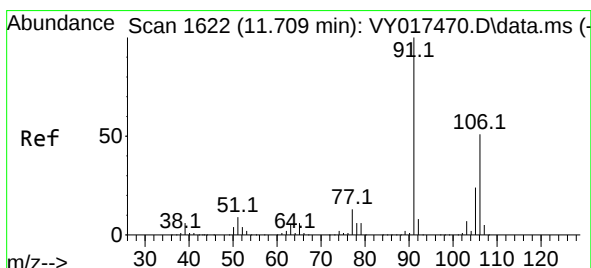
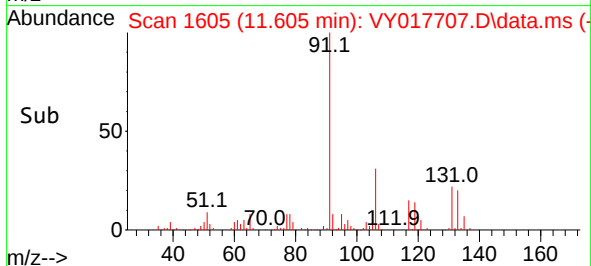
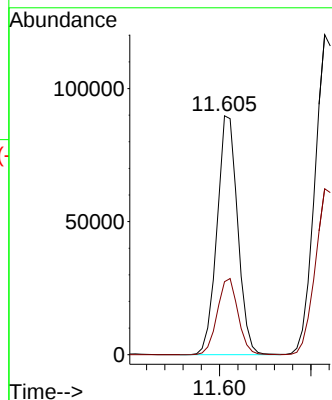
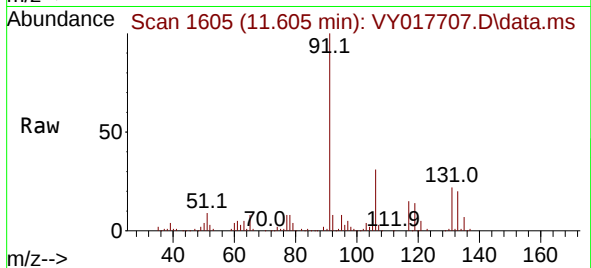
106 30.5 24.5 36.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/20/2024

Supervised By :Semsettin Yesilyurt 03/20/2024



#68

m/p-Xylenes

Concen: 35.885 ug/l

RT: 11.715 min Scan# 1623

Delta R.T. 0.006 min

Lab File: VY017707.D

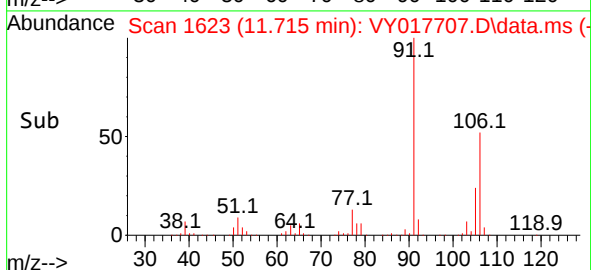
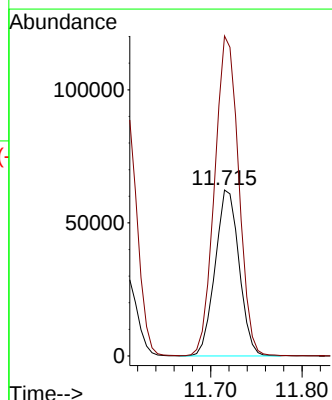
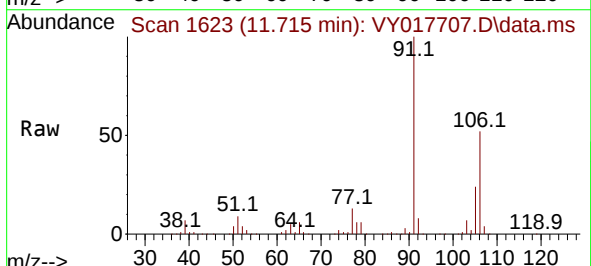
Acq: 19 Mar 2024 12:58

Tgt Ion:106 Resp: 113759

Ion Ratio Lower Upper

106 100

91 193.2 156.0 234.0





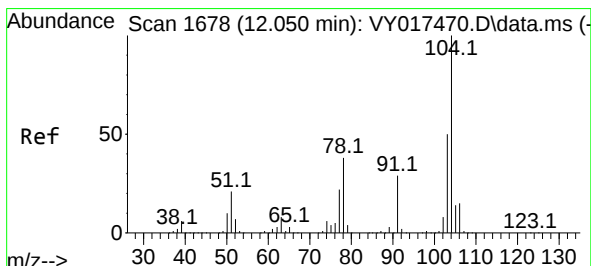
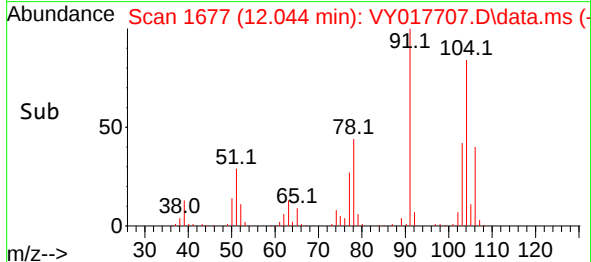
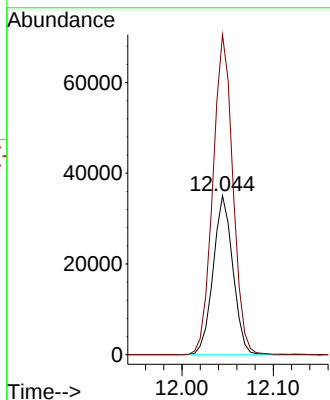
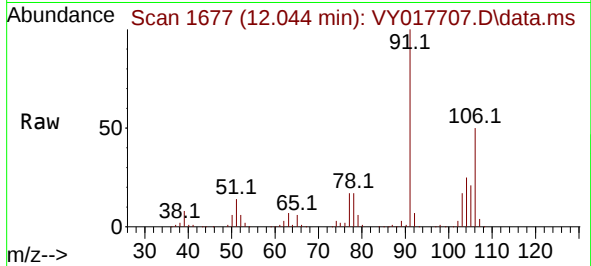
#69
o-Xylene
Concen: 17.856 ug/l
RT: 12.044 min Scan# 1675
Delta R.T. 0.012 min
Lab File: VY017707.D
Acq: 19 Mar 2024 12:58

Instrument :
MSVOA_Y
ClientSampleId :
VY0319SBS01

Tgt Ion:106 Resp: 52510
Ion Ratio Lower Upper
106 100
91 204.8 103.6 310.8

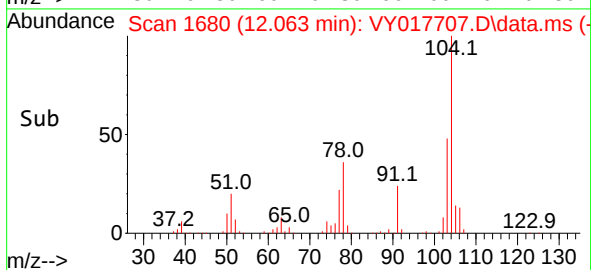
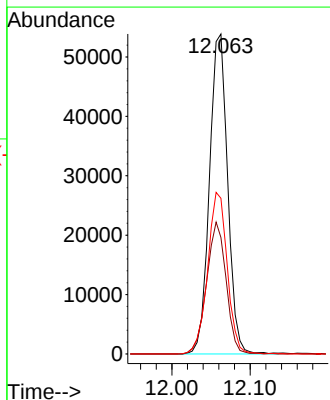
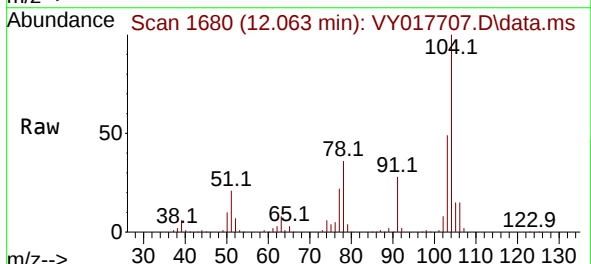
Manual Integrations
APPROVED

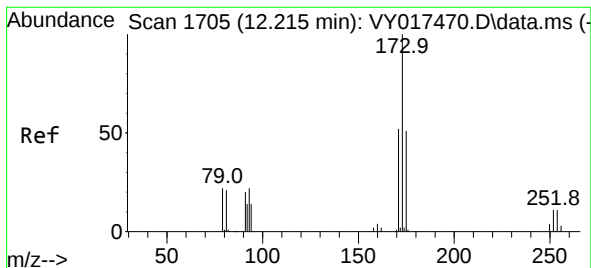
Reviewed By :Mahesh Dadoda 03/20/2024
Supervised By :Semsettin Yesilyurt 03/20/2024



#70
Styrene
Concen: 17.792 ug/l
RT: 12.063 min Scan# 1680
Delta R.T. 0.012 min
Lab File: VY017707.D
Acq: 19 Mar 2024 12:58

Tgt Ion:104 Resp: 86859
Ion Ratio Lower Upper
104 100
78 44.2 37.0 55.4
103 54.4 44.2 66.2





#71

Bromoform

Concen: 18.202 ug/l

RT: 12.221 min Scan# 1706

Delta R.T. 0.006 min

Lab File: VY017707.D

Acq: 19 Mar 2024 12:58

Instrument :

MSVOA_Y

ClientSampleId :

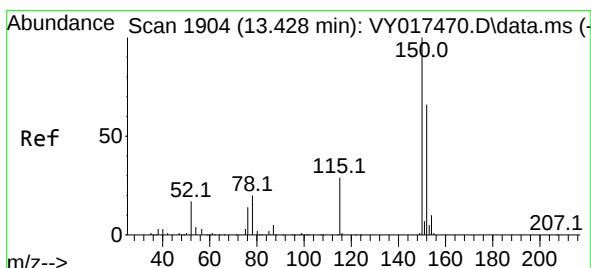
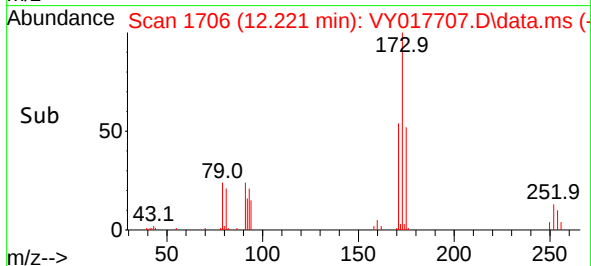
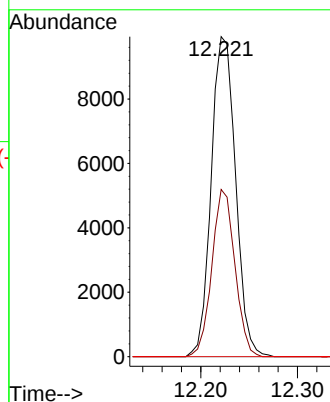
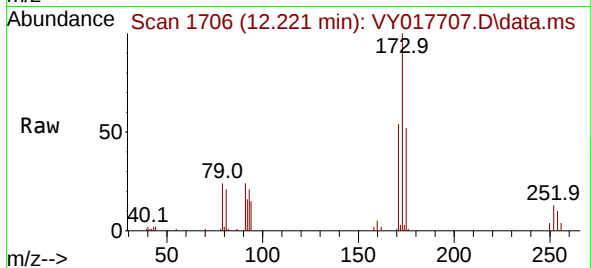
VY0319SBS01

Tgt Ion:	173	Resp:	1738
Ion Ratio	Lower	Upper	
173	100		
175	49.4	25.1	75.3
254	0.0	0.0	0.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/20/2024
Supervised By :Semsettin Yesilyurt 03/20/2024



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

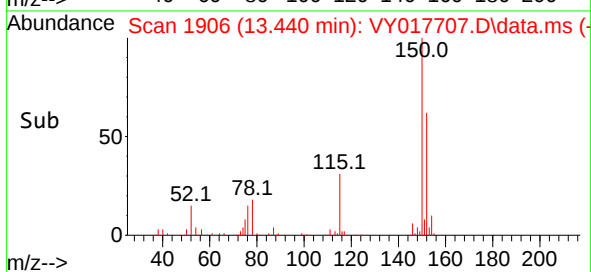
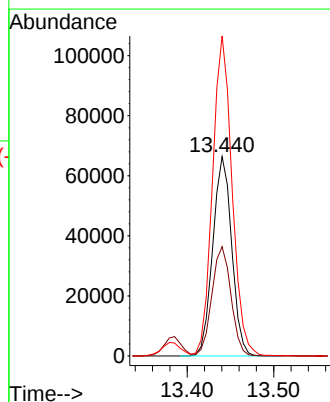
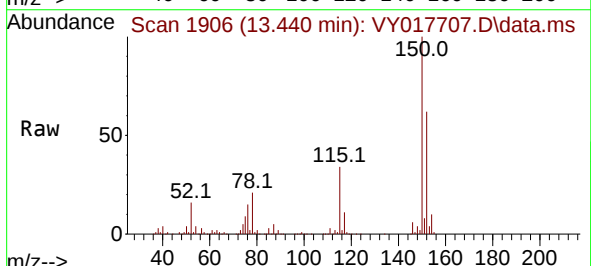
RT: 13.440 min Scan# 1906

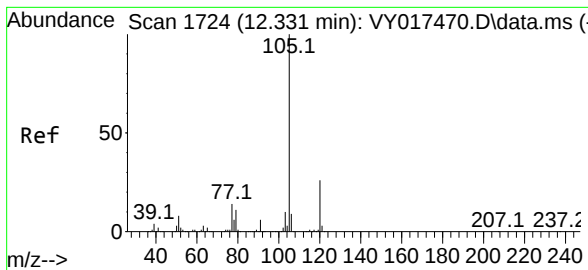
Delta R.T. 0.012 min

Lab File: VY017707.D

Acq: 19 Mar 2024 12:58

Tgt Ion:	152	Resp:	100871
Ion Ratio	Lower	Upper	
152	100		
115	55.1	28.2	84.7
150	165.7	0.0	345.6





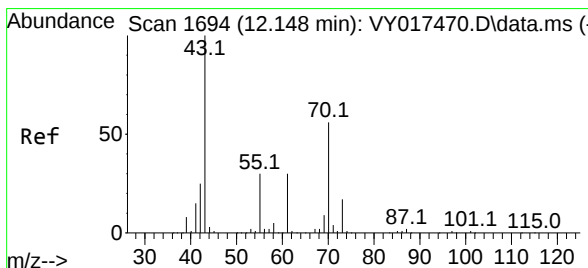
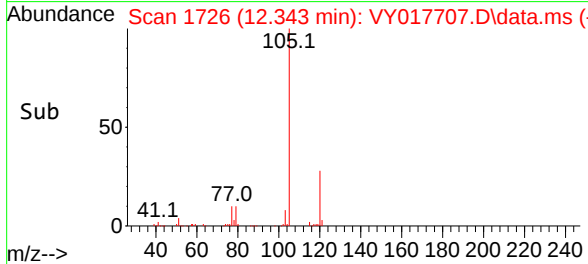
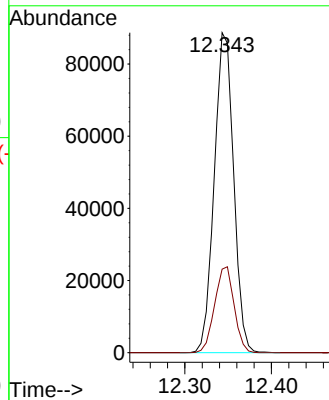
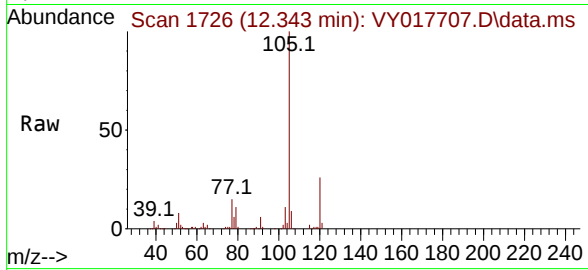
#73
Isopropylbenzene
Concen: 18.393 ug/l
RT: 12.343 min Scan# 1726
Delta R.T. 0.012 min
Lab File: VY017707.D
Acq: 19 Mar 2024 12:58

Instrument :
MSVOA_Y
ClientSampleId :
VY0319SBS01

Tgt Ion:105 Resp: 13784
Ion Ratio Lower Upper
105 100
120 26.9 13.4 40.1

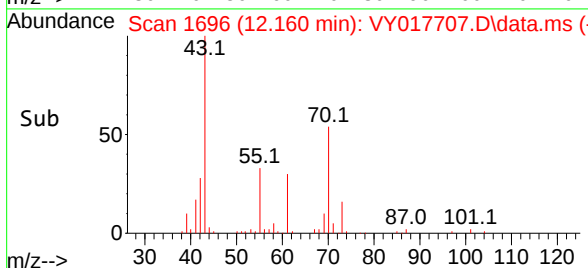
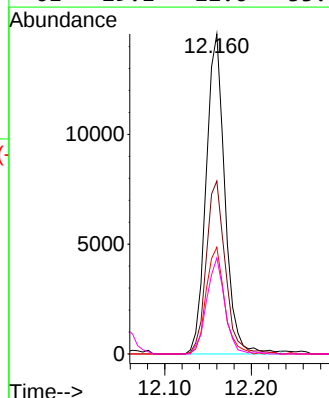
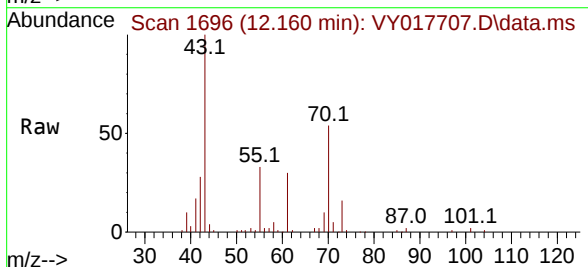
Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 03/20/2024
Supervised By :Semsettin Yesilyurt 03/20/2024



#74
N-ethyl acetate
Concen: 16.608 ug/l
RT: 12.160 min Scan# 1696
Delta R.T. 0.012 min
Lab File: VY017707.D
Acq: 19 Mar 2024 12:58

Tgt Ion: 43 Resp: 21952
Ion Ratio Lower Upper
43 100
70 55.0 41.4 62.2
55 32.5 23.3 34.9
61 29.1 22.6 33.8





#75

1,1,2,2-Tetrachloroethane

Concen: 19.137 ug/l

RT: 12.593 min Scan# 1767

Delta R.T. 0.006 min

Lab File: VY017707.D

Acq: 19 Mar 2024 12:58

Instrument :

MSVOA_Y

ClientSampleId :

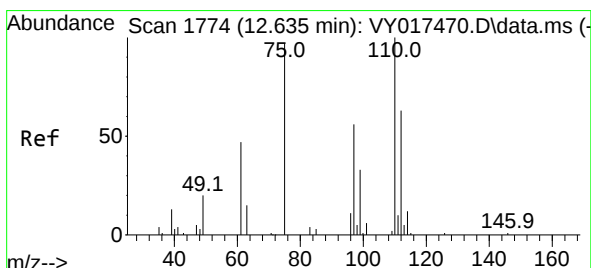
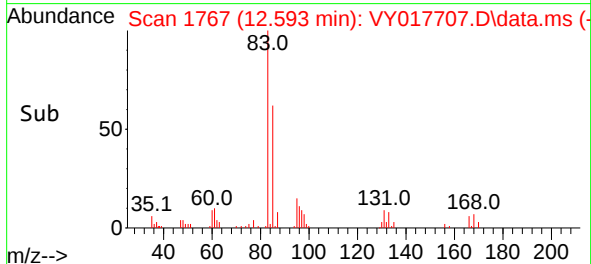
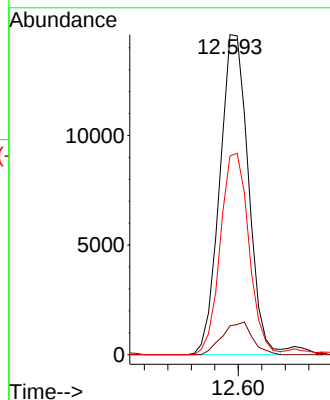
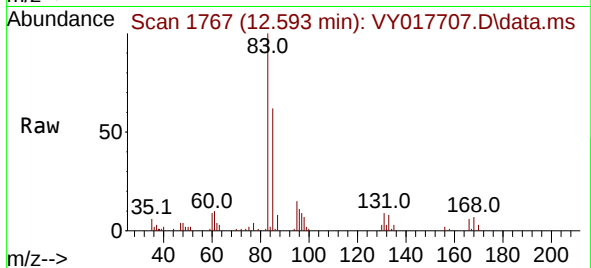
VY0319SBS01

Tgt Ion: 83	Resp: 2462
Ion Ratio	Lower Upper
83 100	
131 10.7	5.0 14.9
85 63.1	32.0 96.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/20/2024
Supervised By :Semsettin Yesilyurt 03/20/2024



#76

1,2,3-Trichloropropane

Concen: 20.489 ug/l m

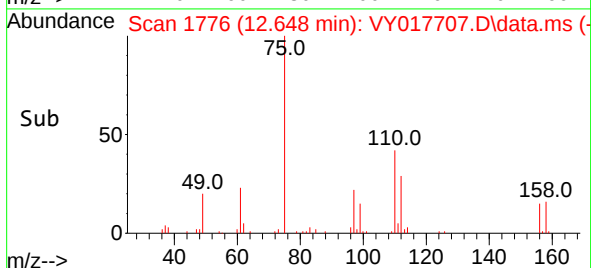
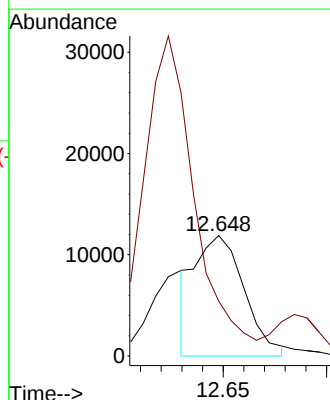
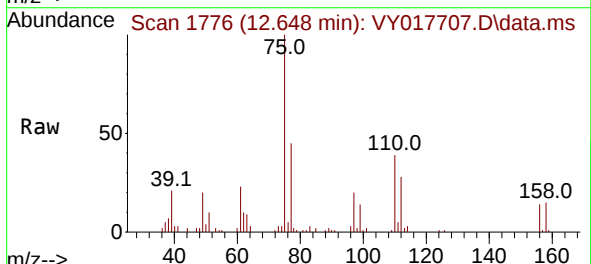
RT: 12.648 min Scan# 1776

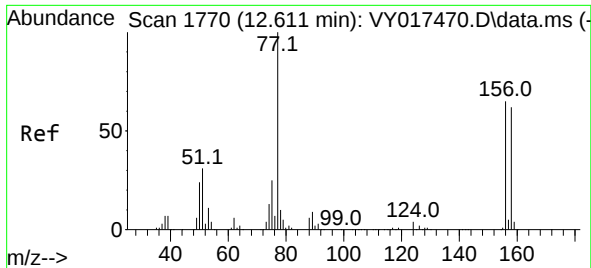
Delta R.T. 0.012 min

Lab File: VY017707.D

Acq: 19 Mar 2024 12:58

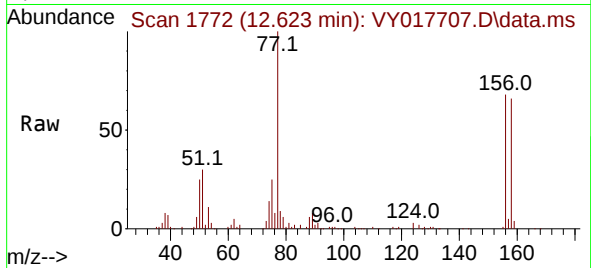
Tgt Ion: 75	Resp: 19637
Ion Ratio	Lower Upper
75 100	
77 0.0	0.0 0.0





#77
Bromobenzene
Concen: 18.333 ug/l
RT: 12.623 min Scan# 1772
Delta R.T. 0.012 min
Lab File: VY017707.D
Acq: 19 Mar 2024 12:58

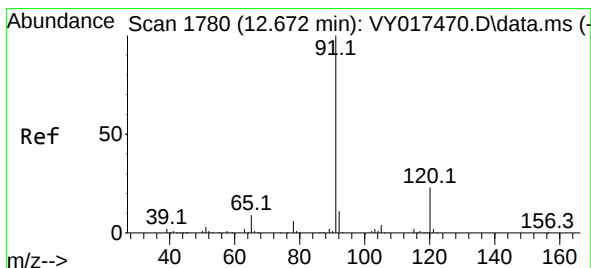
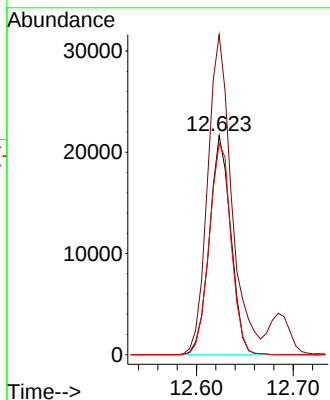
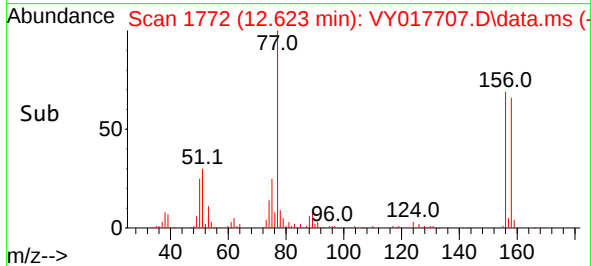
Instrument :
MSVOA_Y
ClientSampleId :
VY0319SBSD01



Tgt Ion:156 Resp: 33272
Ion Ratio Lower Upper
156 100
77 164.0 87.1 261.3
158 98.9 48.6 145.9

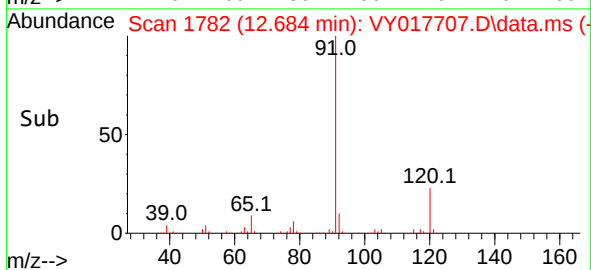
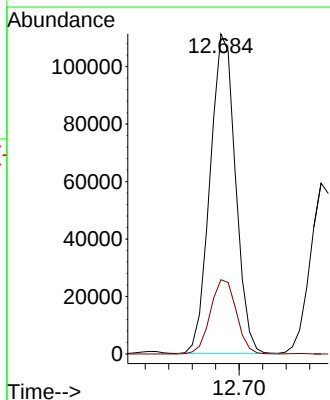
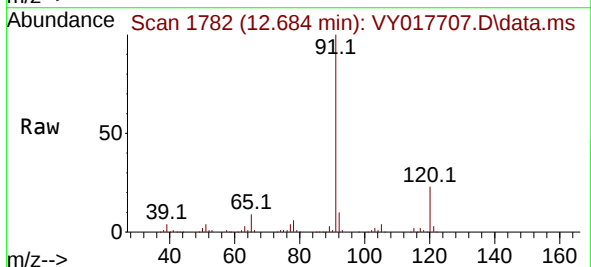
Manual Integrations
APPROVED

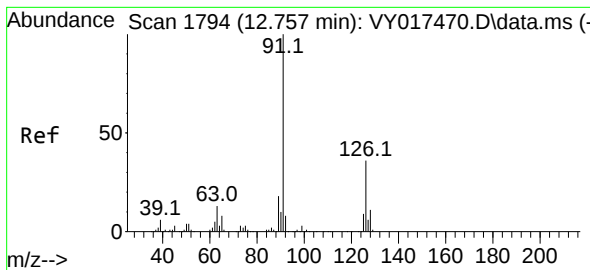
Reviewed By :Mahesh Dadoda 03/20/2024
Supervised By :Semsettin Yesilyurt 03/20/2024



#78
n-propylbenzene
Concen: 18.575 ug/l
RT: 12.684 min Scan# 1782
Delta R.T. 0.012 min
Lab File: VY017707.D
Acq: 19 Mar 2024 12:58

Tgt Ion: 91 Resp: 167026
Ion Ratio Lower Upper
91 100
120 23.7 11.5 34.4





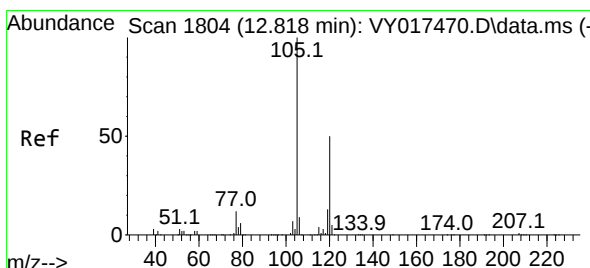
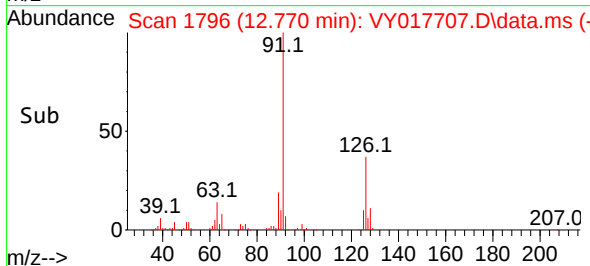
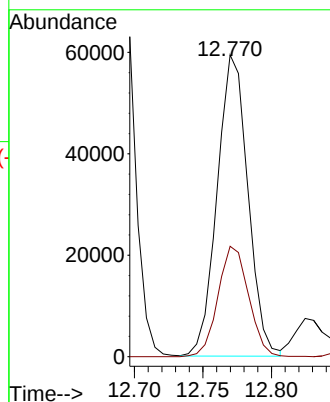
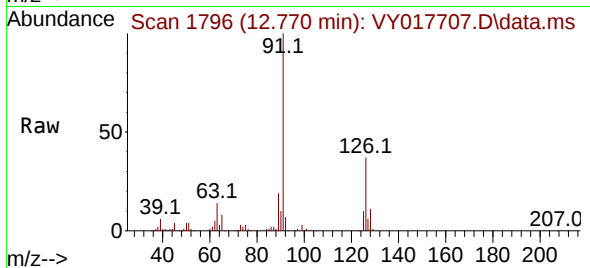
#79
2-Chlorotoluene
Concen: 18.443 ug/l
RT: 12.770 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY017707.D
Acq: 19 Mar 2024 12:58

Instrument :
MSVOA_Y
ClientSampleId :
VY0319SBS01

Tgt Ion: 91 Resp: 9285
Ion Ratio Lower Upper
91 100
126 36.4 17.8 53.5

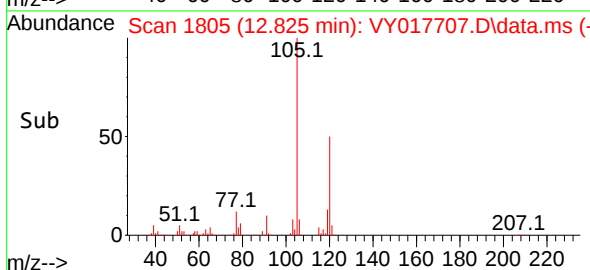
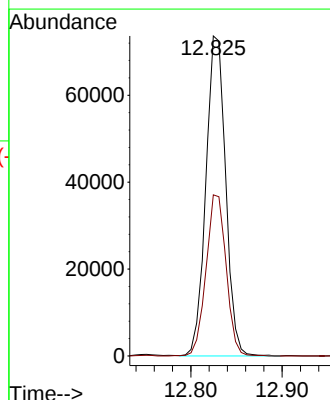
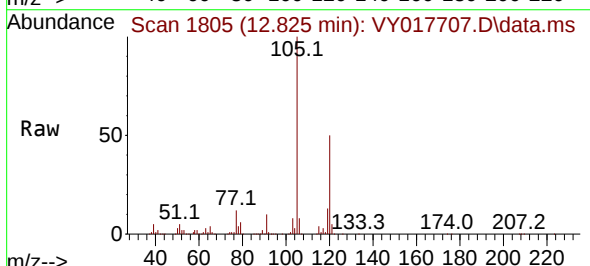
Manual Integrations
APPROVED

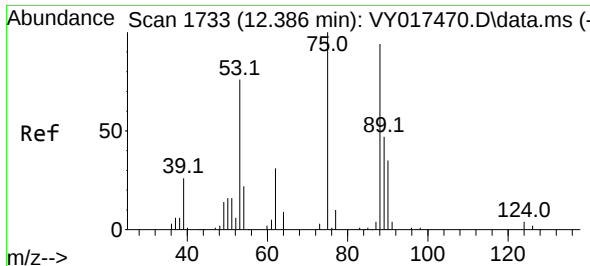
Reviewed By :Mahesh Dadoda 03/20/2024
Supervised By :Semsettin Yesilyurt 03/20/2024



#80
1,3,5-Trimethylbenzene
Concen: 18.485 ug/l
RT: 12.825 min Scan# 1805
Delta R.T. 0.006 min
Lab File: VY017707.D
Acq: 19 Mar 2024 12:58

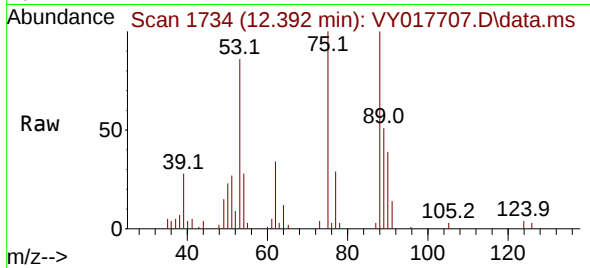
Tgt Ion:105 Resp: 110986
Ion Ratio Lower Upper
105 100
120 51.0 25.1 75.2





#81
trans-1,4-Dichloro-2-butene
Concen: 17.616 ug/l
RT: 12.392 min Scan# 1734
Delta R.T. 0.006 min
Lab File: VY017707.D
Acq: 19 Mar 2024 12:58

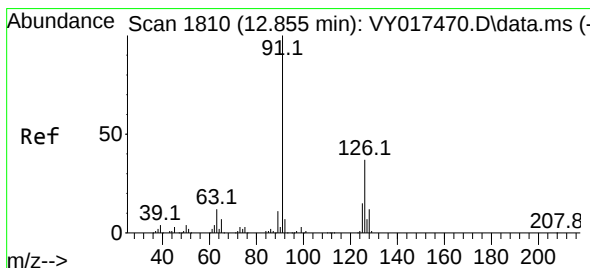
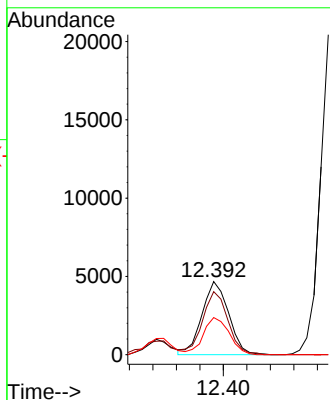
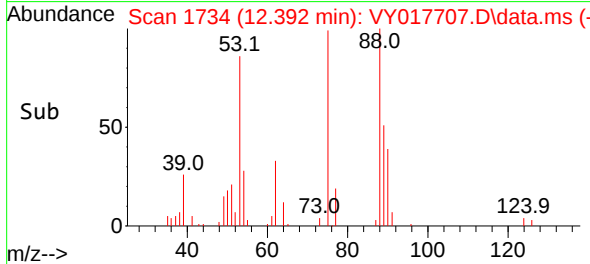
Instrument :
MSVOA_Y
ClientSampleId :
VY0319SBS01



Tgt Ion: 75 Resp: 7348
Ion Ratio Lower Upper
75 100
53 83.2 66.8 100.2
89 49.2 35.8 53.6

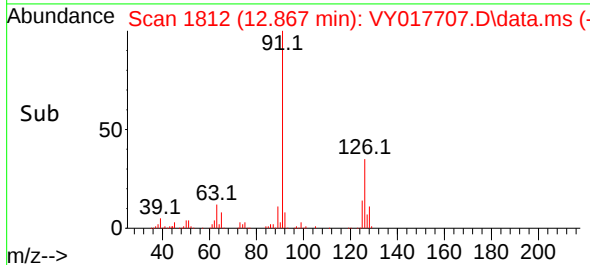
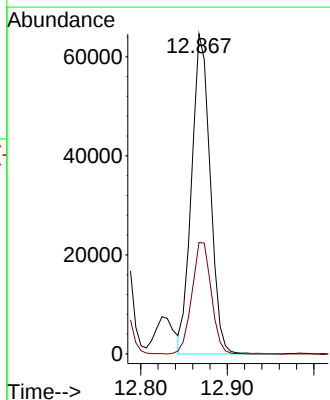
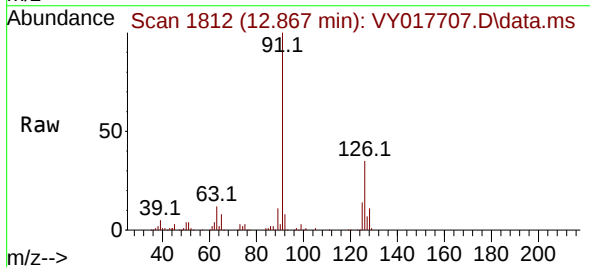
Manual Integrations
APPROVED

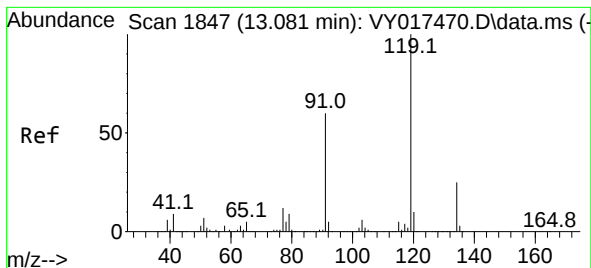
Reviewed By :Mahesh Dadoda 03/20/2024
Supervised By :Semsettin Yesilyurt 03/20/2024



#82
4-Chlorotoluene
Concen: 18.739 ug/l
RT: 12.867 min Scan# 1812
Delta R.T. 0.012 min
Lab File: VY017707.D
Acq: 19 Mar 2024 12:58

Tgt Ion: 91 Resp: 96496
Ion Ratio Lower Upper
91 100
126 36.3 17.6 52.9





#83

tert-Butylbenzene

Concen: 18.473 ug/l

RT: 13.087 min Scan# 1847

Delta R.T. 0.006 min

Lab File: VY017707.D

Acq: 19 Mar 2024 12:58

Instrument :

MSVOA_Y

ClientSampleId :

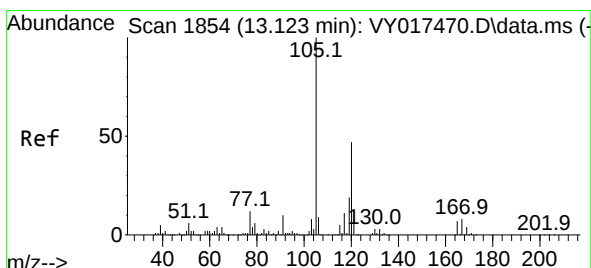
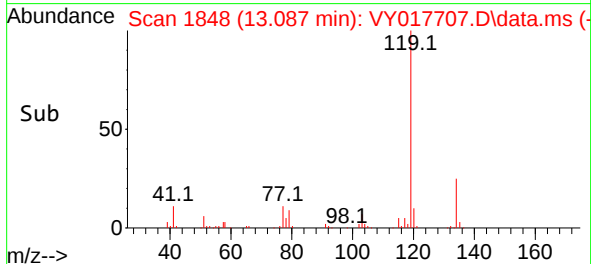
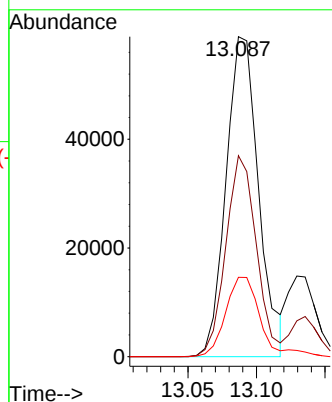
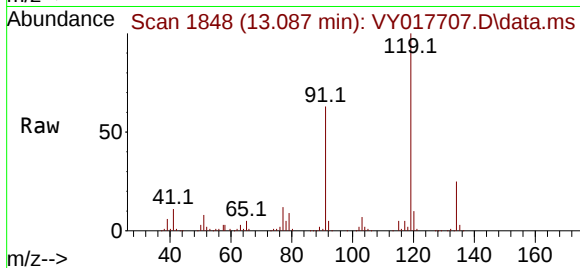
VY0319SBS01

Tgt Ion:	119	Resp:	9739
Ion Ratio	Lower	Upper	
119	100		
91	59.3	31.3	93.8
134	26.6	13.4	40.1

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/20/2024
Supervised By :Semsettin Yesilyurt 03/20/2024



#84

1,2,4-Trimethylbenzene

Concen: 18.898 ug/l

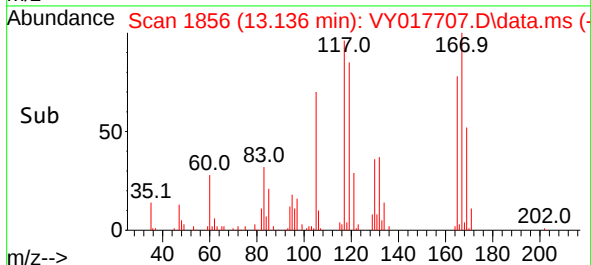
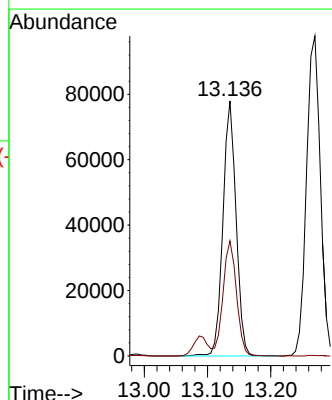
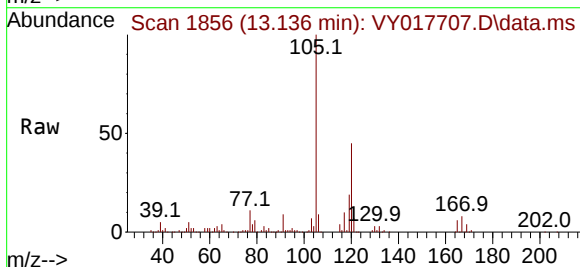
RT: 13.136 min Scan# 1856

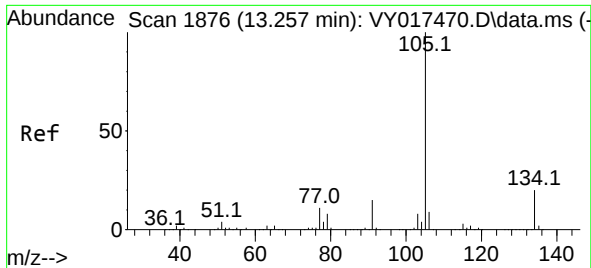
Delta R.T. 0.012 min

Lab File: VY017707.D

Acq: 19 Mar 2024 12:58

Tgt Ion:	105	Resp:	112013
Ion Ratio	Lower	Upper	
105	100		
120	46.3	23.2	69.6





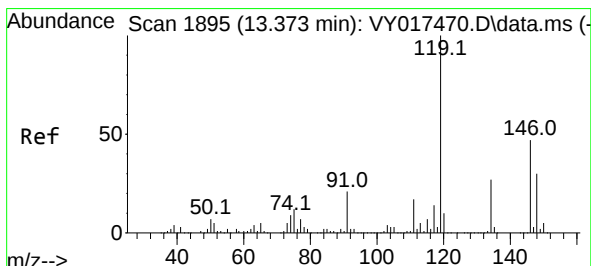
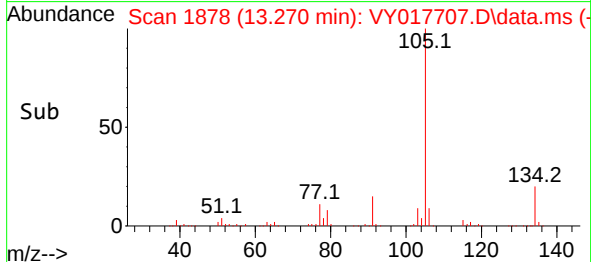
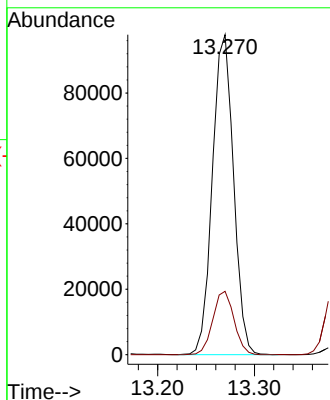
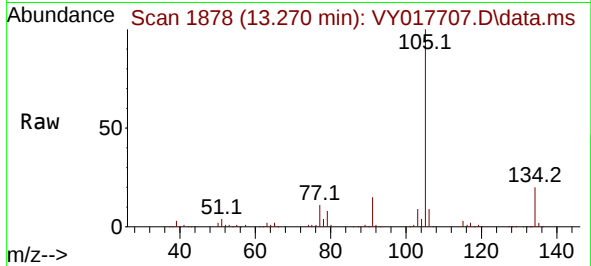
#85
 sec-Butylbenzene
 Concen: 18.395 ug/l
 RT: 13.270 min Scan# 1876
 Delta R.T. 0.012 min
 Lab File: VY017707.D
 Acq: 19 Mar 2024 12:58

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0319SBSD01

Tgt Ion:105 Resp: 148274
 Ion Ratio Lower Upper
 105 100
 134 19.8 10.1 30.1

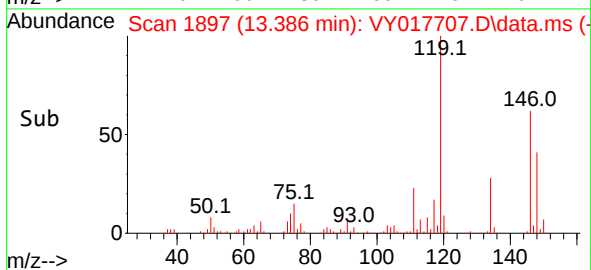
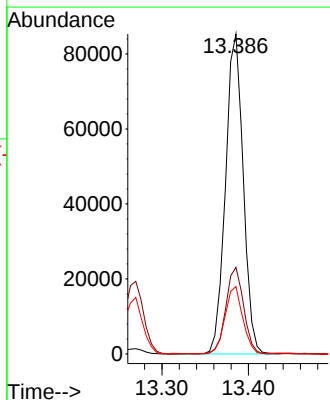
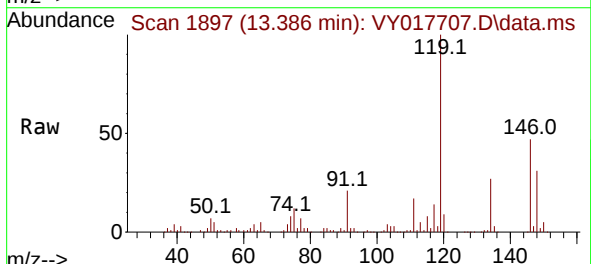
Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 03/20/2024
 Supervised By :Semsettin Yesilyurt 03/20/2024



#86
 p-Isopropyltoluene
 Concen: 18.373 ug/l
 RT: 13.386 min Scan# 1897
 Delta R.T. 0.012 min
 Lab File: VY017707.D
 Acq: 19 Mar 2024 12:58

Tgt Ion:119 Resp: 121234
 Ion Ratio Lower Upper
 119 100
 134 27.1 13.1 39.3
 91 21.1 10.7 32.1





#87

1,3-Dichlorobenzene

Concen: 18.338 ug/l

RT: 13.379 min Scan# 1895

Delta R.T. 0.006 min

Lab File: VY017707.D

Acq: 19 Mar 2024 12:58

Instrument :

MSVOA_Y

ClientSampleId :

VY0319SBS01

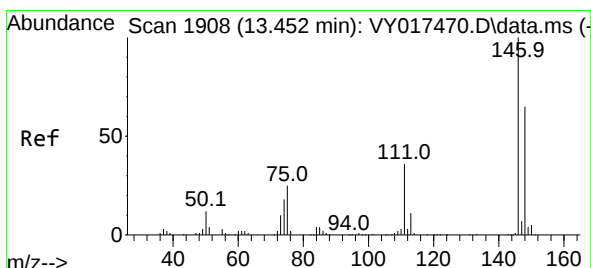
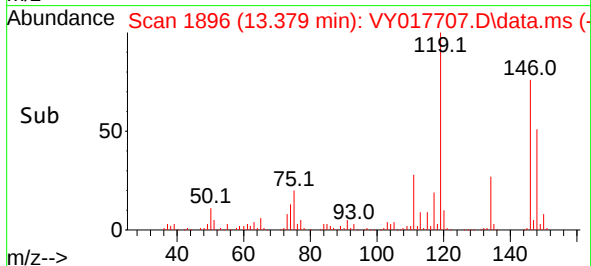
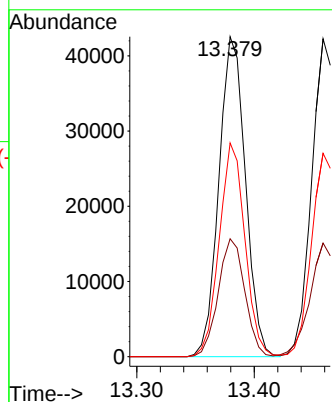
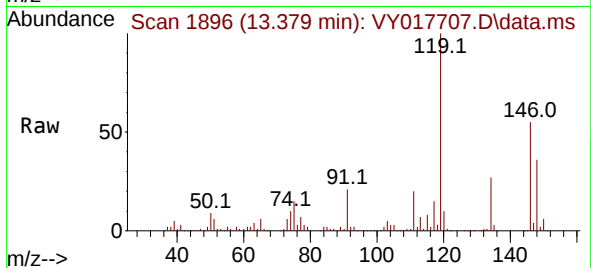
Tgt Ion:146 Resp: 6680

Ion	Ratio	Lower	Upper
146	100		
111	36.9	19.0	57.0
148	64.8	31.7	95.1

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/20/2024
Supervised By :Semsettin Yesilyurt 03/20/2024



#88

1,4-Dichlorobenzene

Concen: 18.765 ug/l

RT: 13.459 min Scan# 1909

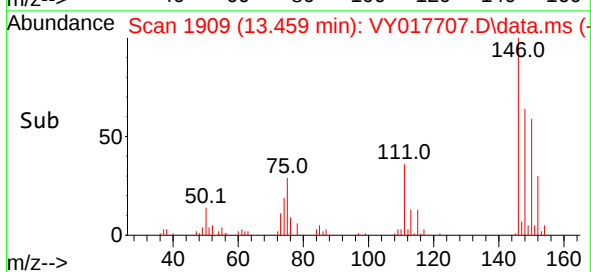
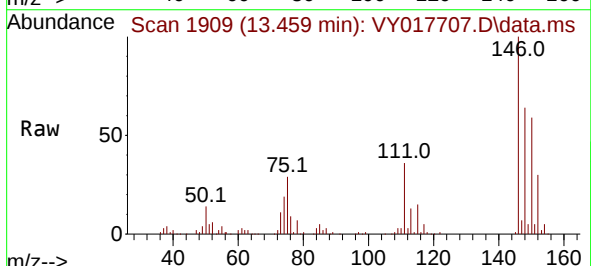
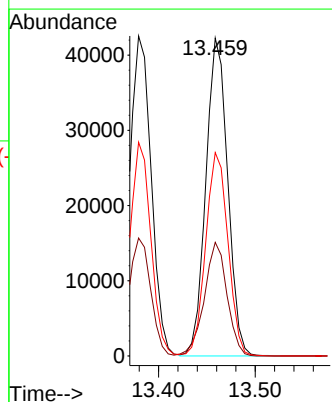
Delta R.T. 0.006 min

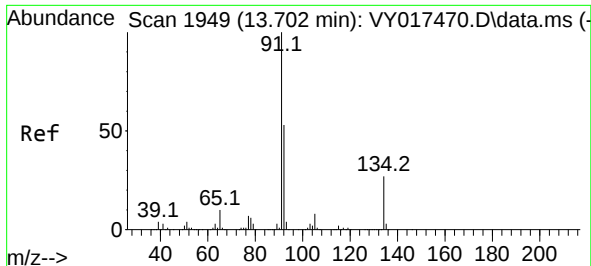
Lab File: VY017707.D

Acq: 19 Mar 2024 12:58

Tgt Ion:146 Resp: 66457

Ion	Ratio	Lower	Upper
146	100		
111	37.1	18.4	55.4
148	65.3	32.4	97.2





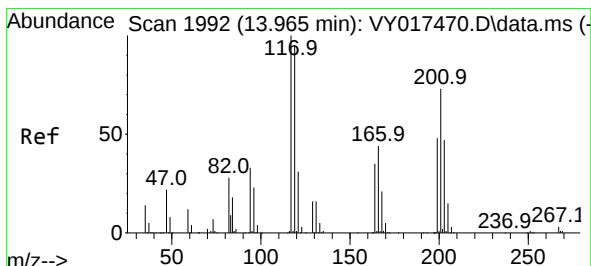
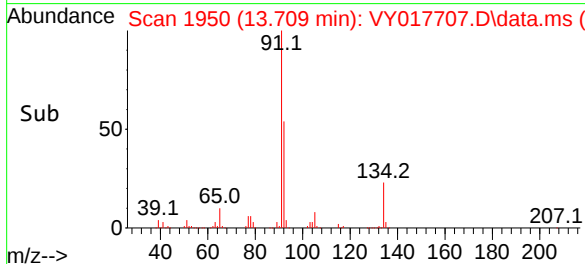
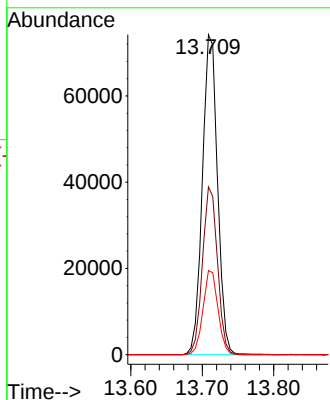
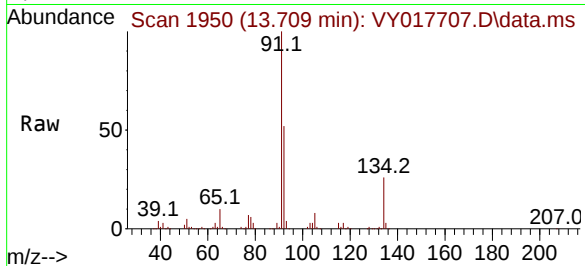
#89
n-Butylbenzene
Concen: 18.177 ug/l
RT: 13.709 min Scan# 1949
Delta R.T. 0.006 min
Lab File: VY017707.D
Acq: 19 Mar 2024 12:58

Instrument :
MSVOA_Y
ClientSampleId :
VY0319SBSD01

Tgt Ion: 91 Resp: 10942
Ion Ratio Lower Upper
91 100
92 51.7 26.6 79.7
134 25.9 12.9 38.7

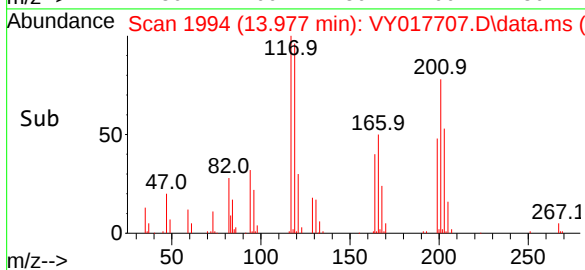
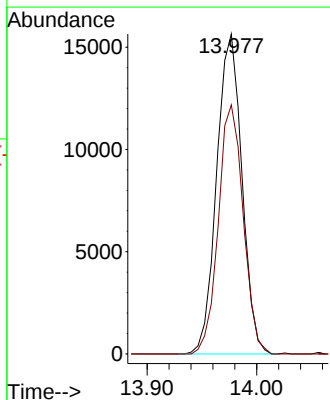
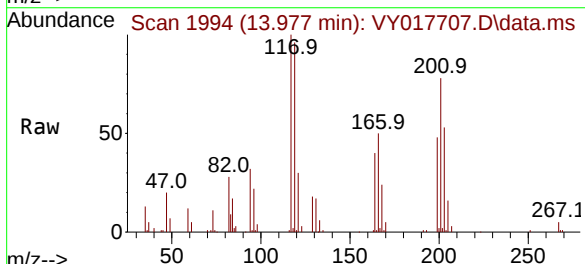
Manual Integrations
APPROVED

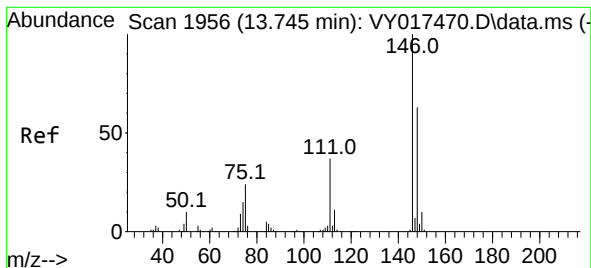
Reviewed By :Mahesh Dadoda 03/20/2024
Supervised By :Semsettin Yesilyurt 03/20/2024



#90
Hexachloroethane
Concen: 18.910 ug/l
RT: 13.977 min Scan# 1994
Delta R.T. 0.012 min
Lab File: VY017707.D
Acq: 19 Mar 2024 12:58

Tgt Ion:117 Resp: 25015
Ion Ratio Lower Upper
117 100
201 76.7 37.4 112.2





#91

1,2-Dichlorobenzene

Concen: 19.192 ug/l

RT: 13.751 min Scan# 1956

Delta R.T. 0.006 min

Lab File: VY017707.D

Acq: 19 Mar 2024 12:58

Instrument :

MSVOA_Y

ClientSampleId :

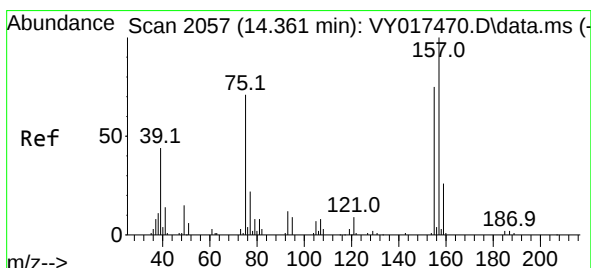
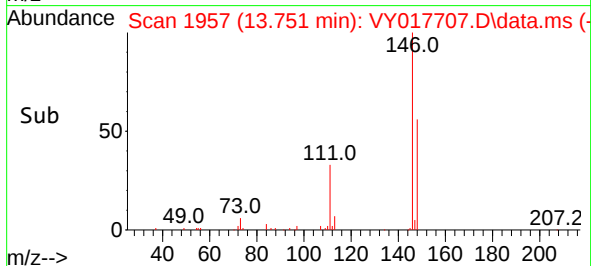
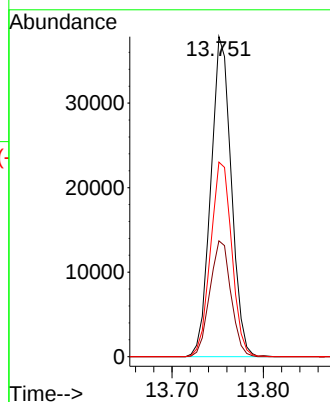
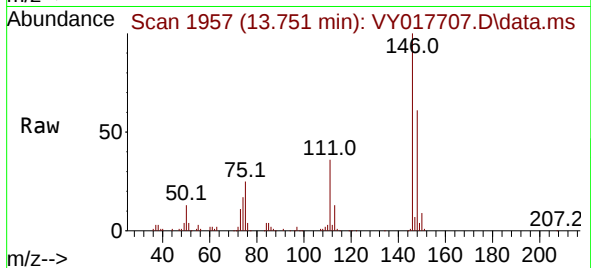
VY0319SBS01

Tgt Ion:	146	Resp:	5913
Ion Ratio	Lower	Upper	
146	100		
111	37.3	19.9	59.7
148	63.1	31.8	95.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/20/2024
Supervised By :Semsettin Yesilyurt 03/20/2024



#92

1,2-Dibromo-3-Chloropropane

Concen: 17.058 ug/l

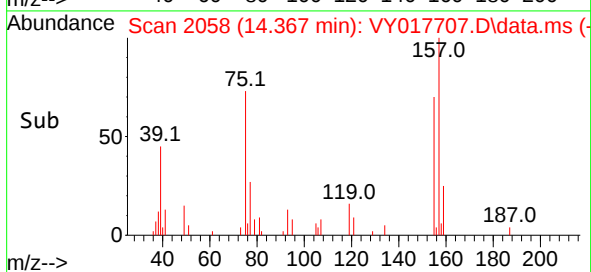
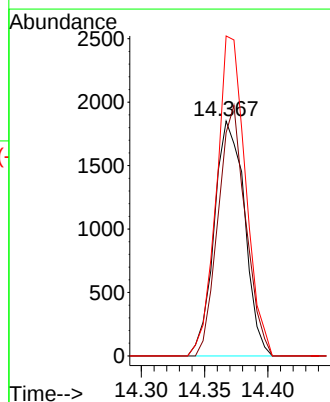
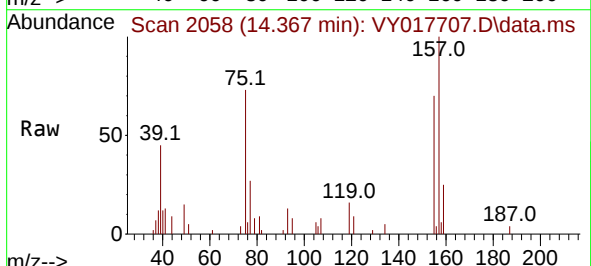
RT: 14.367 min Scan# 2058

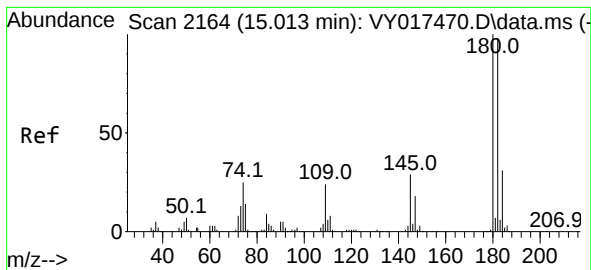
Delta R.T. 0.006 min

Lab File: VY017707.D

Acq: 19 Mar 2024 12:58

Tgt Ion:	75	Resp:	3086
Ion Ratio	Lower	Upper	
75	100		
155	96.6	48.6	145.8
157	130.4	62.7	188.2





#93

1,2,4-Trichlorobenzene

Concen: 18.437 ug/l

RT: 15.019 min Scan# 2164

Delta R.T. 0.006 min

Lab File: VY017707.D

Acq: 19 Mar 2024 12:58

Instrument :

MSVOA_Y

ClientSampleId :

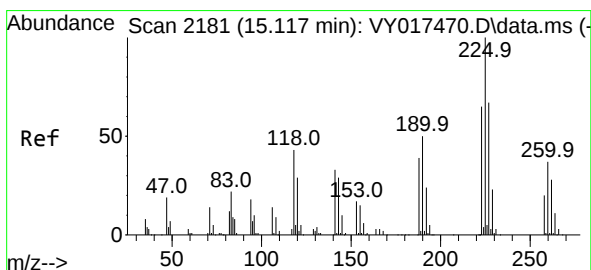
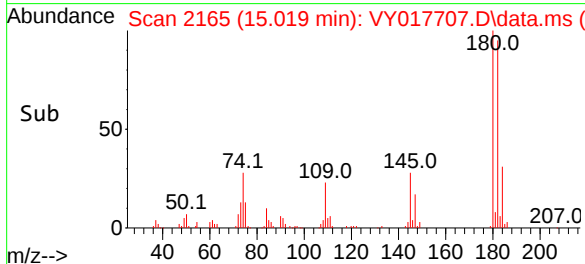
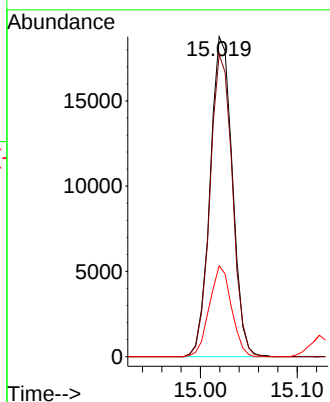
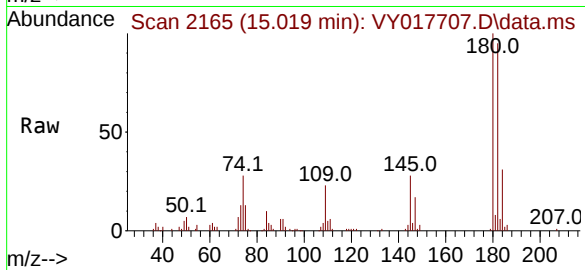
VY0319SBS01

Tgt Ion:	180	Resp:	3000
Ion Ratio	Lower	Upper	
180	100		
182	94.9	47.9	143.8
145	28.1	14.2	42.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/20/2024
Supervised By :Semsettin Yesilyurt 03/20/2024



#94

Hexachlorobutadiene

Concen: 18.859 ug/l

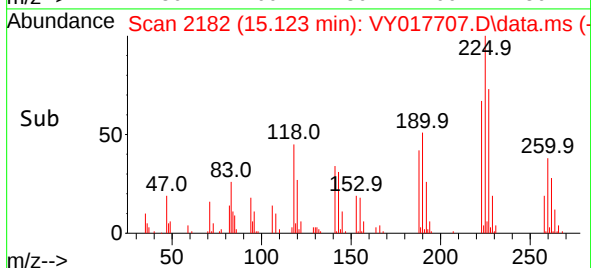
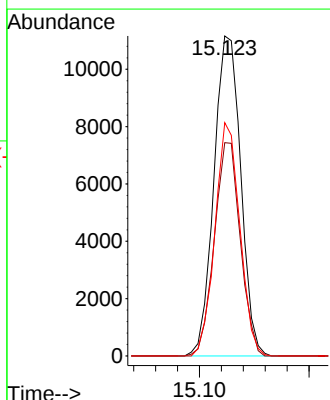
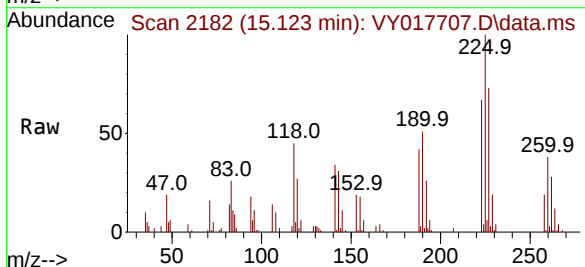
RT: 15.123 min Scan# 2182

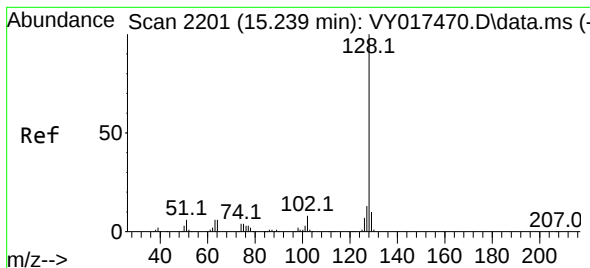
Delta R.T. 0.006 min

Lab File: VY017707.D

Acq: 19 Mar 2024 12:58

Tgt Ion:	225	Resp:	18950
Ion Ratio	Lower	Upper	
225	100		
223	64.5	30.4	91.2
227	67.6	31.9	95.9





#95

Naphthalene

Concen: 17.155 ug/l

RT: 15.251 min Scan# 2201

Delta R.T. 0.012 min

Lab File: VY017707.D

Acq: 19 Mar 2024 12:58

Instrument :

MSVOA_Y

ClientSampleId :

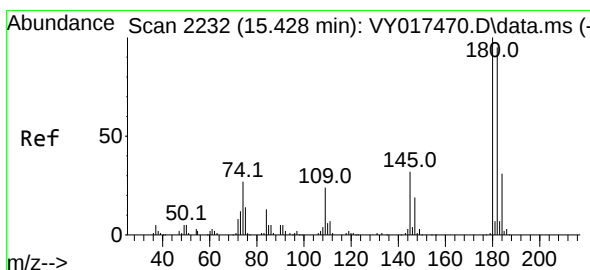
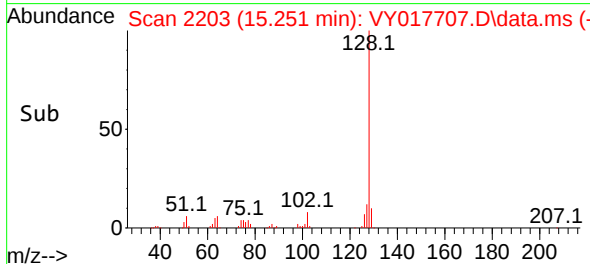
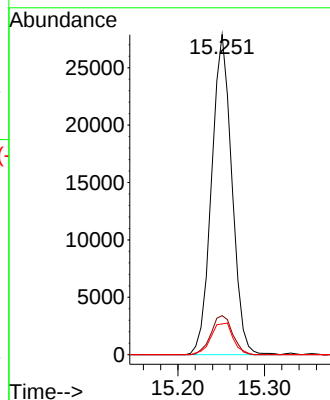
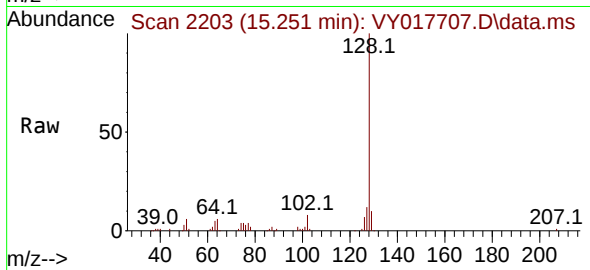
VY0319SBS01

Tgt Ion:	128	Resp:	4530
Ion Ratio	Lower	Upper	
128	100		
127	12.9	10.6	16.0
129	10.9	8.6	13.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/20/2024
Supervised By :Semsettin Yesilyurt 03/20/2024



#96

1,2,3-Trichlorobenzene

Concen: 17.819 ug/l

RT: 15.440 min Scan# 2234

Delta R.T. 0.012 min

Lab File: VY017707.D

Acq: 19 Mar 2024 12:58

Tgt Ion:	180	Resp:	24879
Ion Ratio	Lower	Upper	
180	100		
182	95.5	47.6	142.9
145	30.0	15.4	46.1

