

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031924\
 Data File : VY017717.D
 Acq On : 19 Mar 2024 19:16
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

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

Quant Time: Mar 20 03:05:59 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	7.795	168	136193	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	225321	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	205227	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	96144	50.000	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	61076	47.318	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	94.640%		
35) Dibromofluoromethane	7.722	113	69151	44.042	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	88.080%		
50) Toluene-d8	10.191	98	263115	47.929	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	95.860%		
62) 4-Bromofluorobenzene	12.489	95	85777	49.718	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	99.440%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	43925	43.722	ug/l	98
3) Chloromethane	2.119	50	79986	43.575	ug/l	97
4) Vinyl Chloride	2.253	62	104032	44.177	ug/l	99
5) Bromomethane	2.656	94	88718	46.230	ug/l	95
6) Chloroethane	2.796	64	72518	48.815	ug/l	98
7) Trichlorofluoromethane	3.131	101	99910	41.628	ug/l	93
8) Diethyl Ether	3.534	74	34519	49.037	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.906	101	63533	46.021	ug/l	100
10) Methyl Iodide	4.101	142	77975	50.329	ug/l	100
11) Tert butyl alcohol	4.954	59	20916	190.769	ug/l #	81
12) 1,1-Dichloroethene	3.881	96	61529	47.824	ug/l	99
13) Acrolein	3.729	56	20944	144.774	ug/l	98
14) Allyl chloride	4.485	41	77445	49.818	ug/l	96
15) Acrylonitrile	5.167	53	75724	261.680	ug/l	100
16) Acetone	3.954	43	56477	225.591	ug/l	98
17) Carbon Disulfide	4.204	76	187881	48.652	ug/l	98
18) Methyl Acetate	4.485	43	33823	55.688	ug/l	98
19) Methyl tert-butyl Ether	5.228	73	154036	51.367	ug/l	99
20) Methylene Chloride	4.722	84	77771	53.228	ug/l	97
21) trans-1,2-Dichloroethene	5.235	96	75243	49.949	ug/l	94
22) Diisopropyl ether	6.125	45	187019	52.134	ug/l	97
23) Vinyl Acetate	6.070	43	553929	259.134	ug/l	100
24) 1,1-Dichloroethane	6.027	63	124318	50.726	ug/l	99
25) 2-Butanone	6.996	43	87416	245.012	ug/l	96
26) 2,2-Dichloropropane	6.990	77	96739	46.949	ug/l	98
27) cis-1,2-Dichloroethene	6.996	96	85887	50.780	ug/l	98
28) Bromochloromethane	7.344	49	43450	45.017	ug/l	96
29) Tetrahydrofuran	7.356	42	57682	268.199	ug/l	99
30) Chloroform	7.515	83	132990	50.969	ug/l	99
31) Cyclohexane	7.795	56	97965	46.638	ug/l	96
32) 1,1,1-Trichloroethane	7.710	97	109394	48.291	ug/l	98
36) 1,1-Dichloropropene	7.929	75	97541	46.044	ug/l	100
37) Ethyl Acetate	7.082	43	39287	46.955	ug/l	98
38) Carbon Tetrachloride	7.911	117	97535	45.939	ug/l	97
39) Methylcyclohexane	9.191	83	121703	47.804	ug/l	97
40) Benzene	8.173	78	299730	47.643	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.320	41	22168	52.798	ug/l	92
42) 1,2-Dichloroethane	8.246	62	73470	47.865	ug/l	98
43) Isopropyl Acetate	8.283	43	72194	49.102	ug/l	99
44) Trichloroethene	8.947	130	84547	46.626	ug/l	99
45) 1,2-Dichloropropane	9.228	63	71617	47.848	ug/l	99
46) Dibromomethane	9.313	93	42951	50.141	ug/l	99
47) Bromodichloromethane	9.508	83	100412	48.278	ug/l	100
48) Methyl methacrylate	9.301	41	34465	50.642	ug/l	95
49) 1,4-Dioxane	9.307	88	9393	968.926	ug/l #	94
51) 4-Methyl-2-Pentanone	10.081	43	206246	251.692	ug/l	99
52) Toluene	10.252	92	190746	48.095	ug/l	100
53) t-1,3-Dichloropropene	10.477	75	94450	48.925	ug/l	94
54) cis-1,3-Dichloropropene	9.935	75	114193	48.681	ug/l	98
55) 1,1,2-Trichloroethane	10.654	97	58077	47.752	ug/l	94
56) Ethyl methacrylate	10.520	69	70515	47.275	ug/l	98
57) 1,3-Dichloropropane	10.801	76	97453	49.284	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.789	63	207074	295.056	ug/l	98
59) 2-Hexanone	10.843	43	140728	250.025	ug/l	98
60) Dibromochloromethane	10.996	129	71237	49.512	ug/l	99
61) 1,2-Dibromoethane	11.099	107	55483	49.504	ug/l	100
64) Tetrachloroethene	10.734	164	87530	44.436	ug/l	99
65) Chlorobenzene	11.526	112	204469	46.939	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.599	131	75131	46.038	ug/l	99
67) Ethyl Benzene	11.605	91	365408	47.831	ug/l	97
68) m/p-Xylenes	11.715	106	283063	94.296	ug/l	100
69) o-Xylene	12.038	106	136352	48.960	ug/l	99
70) Styrene	12.057	104	225777	48.841	ug/l	98
71) Bromoform	12.221	173	43210	47.781	ug/l #	99
73) Isopropylbenzene	12.337	105	348584	48.802	ug/l	99
74) N-amyl acetate	12.154	43	63839	50.674	ug/l #	94
75) 1,1,2,2-Tetrachloroethane	12.593	83	63856	52.060	ug/l	100
76) 1,2,3-Trichloropropane	12.642	75	43733m	47.873	ug/l	
77) Bromobenzene	12.617	156	82499	47.693	ug/l	97
78) n-propylbenzene	12.684	91	416358	48.579	ug/l	100
79) 2-Chlorotoluene	12.764	91	227413	47.392	ug/l	99
80) 1,3,5-Trimethylbenzene	12.825	105	281731	49.231	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.392	75	19797	49.796	ug/l	97
82) 4-Chlorotoluene	12.861	91	231368	47.141	ug/l	98
83) tert-Butylbenzene	13.087	119	250131	49.776	ug/l	98
84) 1,2,4-Trimethylbenzene	13.129	105	277071	49.042	ug/l	100
85) sec-Butylbenzene	13.264	105	372635	48.502	ug/l	100
86) p-Isopropyltoluene	13.379	119	306724	48.770	ug/l	99
87) 1,3-Dichlorobenzene	13.379	146	162095	46.686	ug/l	99
88) 1,4-Dichlorobenzene	13.459	146	156803	46.453	ug/l	99
89) n-Butylbenzene	13.709	91	277796	48.412	ug/l	100
90) Hexachloroethane	13.971	117	59852	47.468	ug/l	99
91) 1,2-Dichlorobenzene	13.751	146	138365	47.113	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.367	75	8332	48.319	ug/l	95
93) 1,2,4-Trichlorobenzene	15.019	180	75386	48.597	ug/l	98
94) Hexachlorobutadiene	15.123	225	41167	42.983	ug/l	96
95) Naphthalene	15.245	128	143230	47.835	ug/l	99
96) 1,2,3-Trichlorobenzene	15.434	180	62932	47.289	ug/l	98

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Instrument :
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ClientSampleId :
VSTDCCC050EC

Manual Integrations
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Supervised By :Semsettin Yesilyurt 03/20/2024

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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

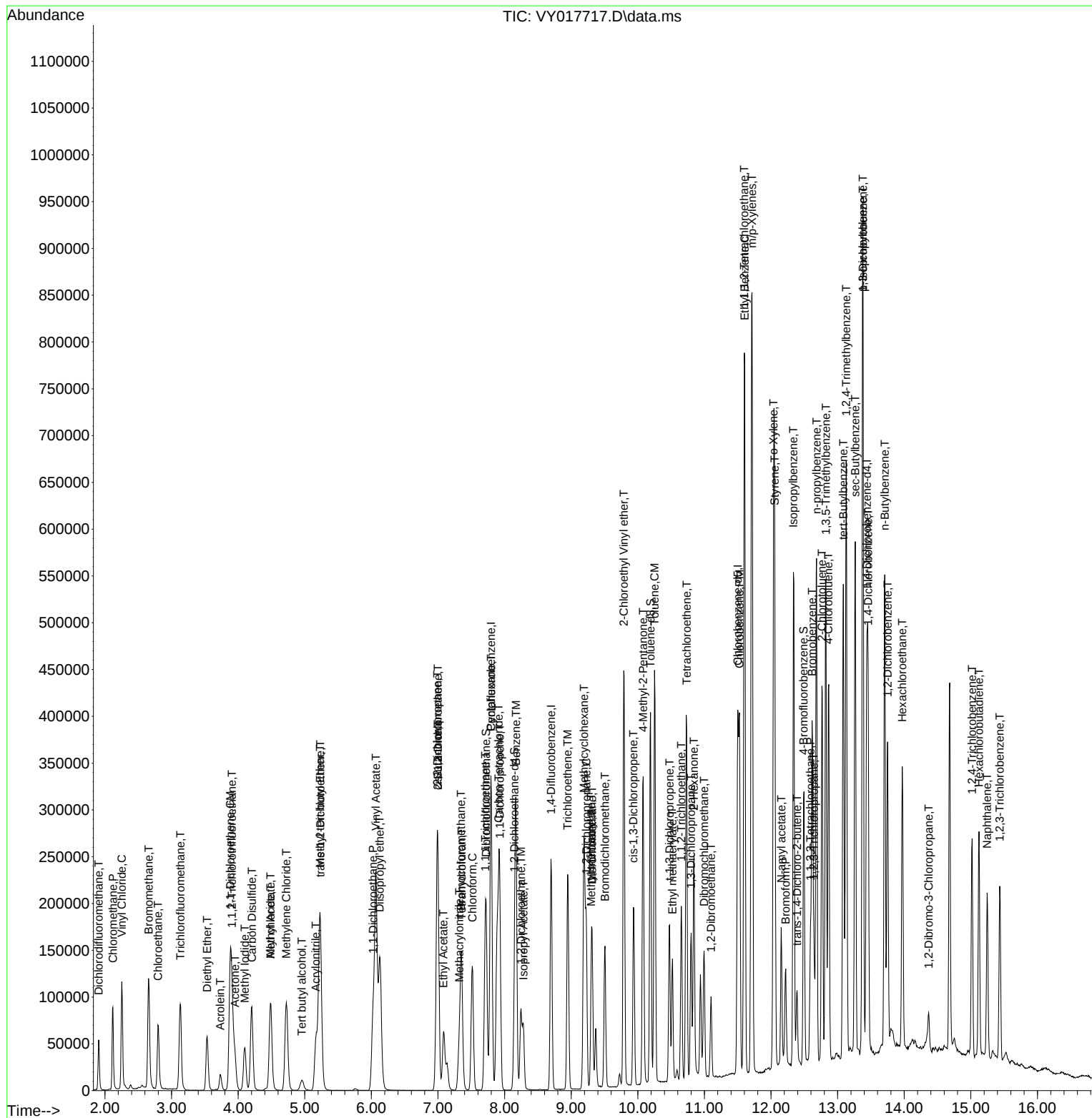
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Acq On : 19 Mar 2024 19:16
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Sample : VSTDECC050
Misc : 5.05g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 22 Sample Multiplier: 1

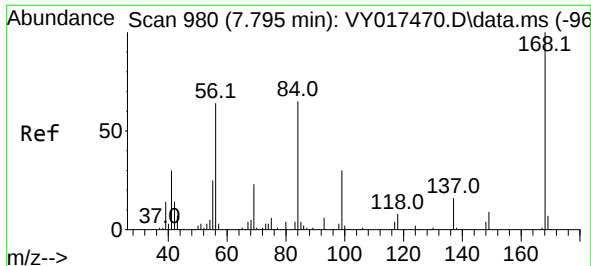
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ClientSampleId :
VSTDECC050EC

Quant Time: Mar 20 03:05:59 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022324S.M
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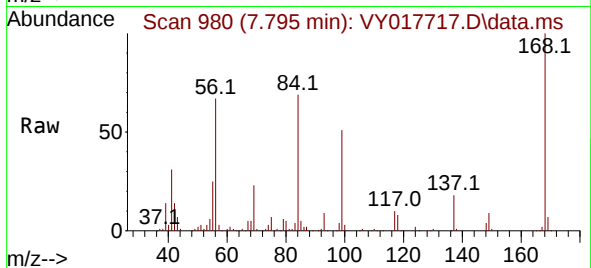
Reviewed By :Mahesh Dadoda 03/20/2024
Supervised By :Semsettin Yesilyurt 03/20/2024





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.000 min
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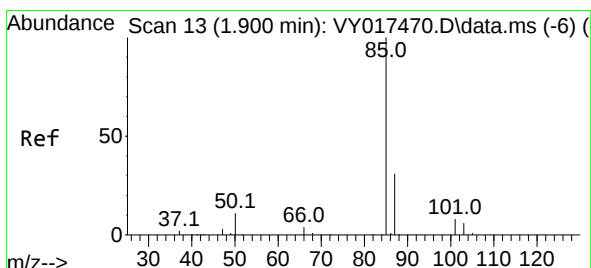
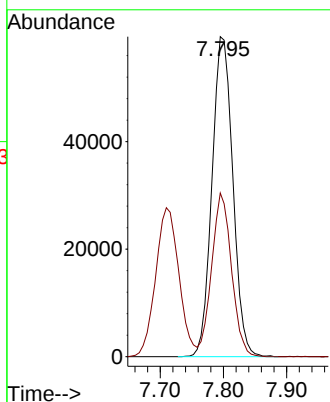
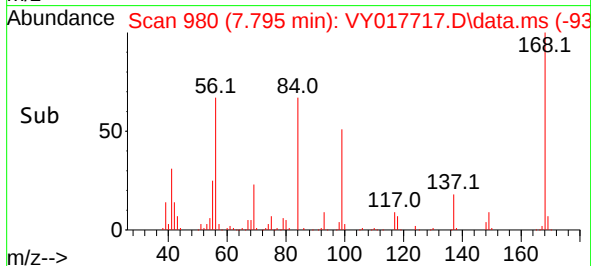
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion:168 Resp: 13619
Ion Ratio Lower Upper
168 100
99 51.1 39.1 58.7

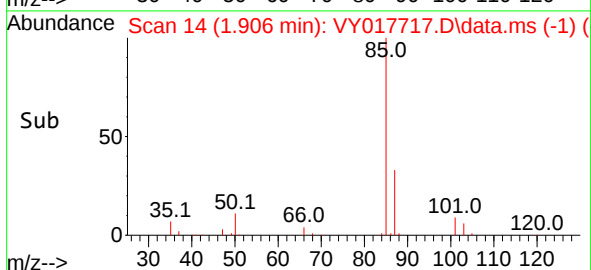
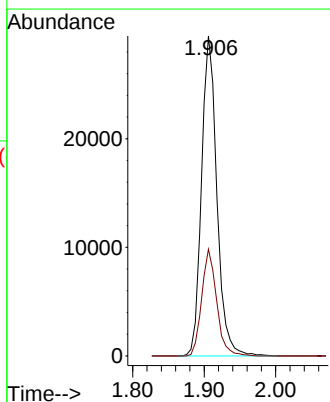
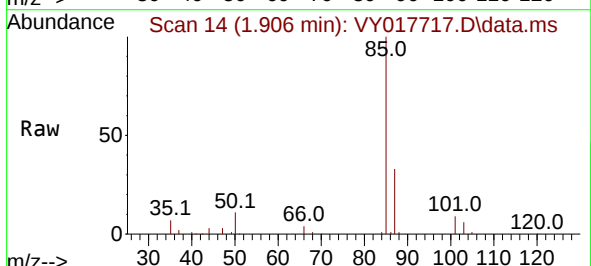
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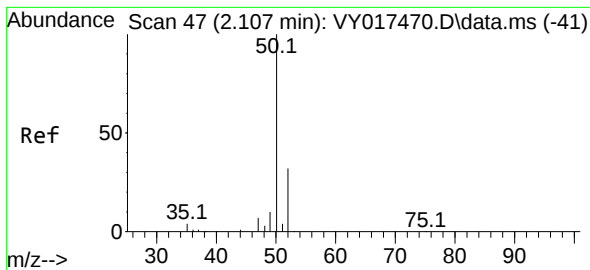
Reviewed By :Mahesh Dadoda 03/20/2024
Supervised By :Semsettin Yesilyurt 03/20/2024



#2
Dichlorodifluoromethane
Concen: 43.722 ug/l
RT: 1.906 min Scan# 14
Delta R.T. 0.006 min
Lab File: VY017717.D
Acq: 19 Mar 2024 19:16

Tgt Ion: 85 Resp: 43925
Ion Ratio Lower Upper
85 100
87 33.4 16.0 48.0





#3

Chloromethane

Concen: 43.575 ug/l

RT: 2.119 min Scan# 49

Delta R.T. 0.012 min

Lab File: VY017717.D

Acq: 19 Mar 2024 19:16

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 50 Resp: 7998

Ion Ratio Lower Upper

50 100

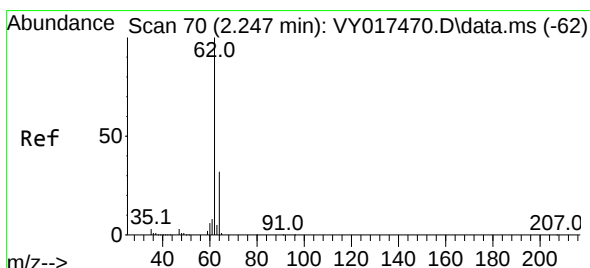
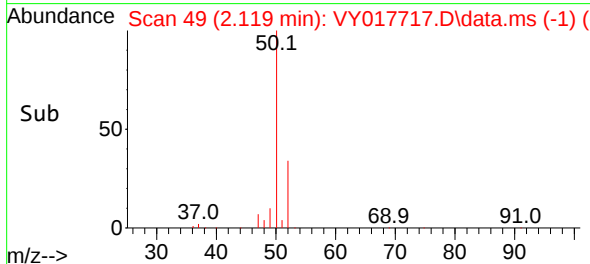
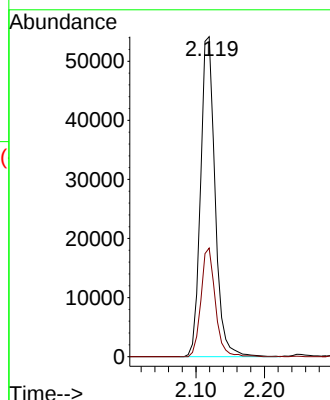
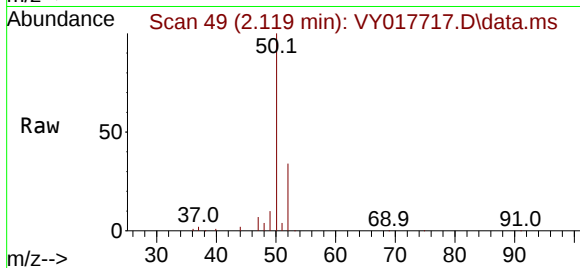
52 33.9 25.6 38.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/20/2024

Supervised By :Semsettin Yesilyurt 03/20/2024



#4

Vinyl Chloride

Concen: 44.177 ug/l

RT: 2.253 min Scan# 71

Delta R.T. 0.006 min

Lab File: VY017717.D

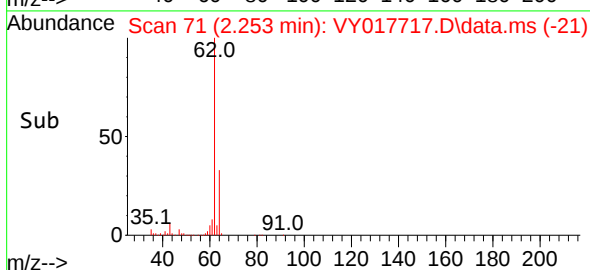
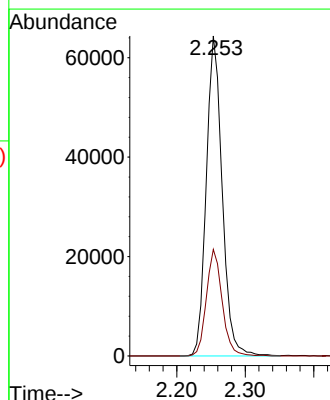
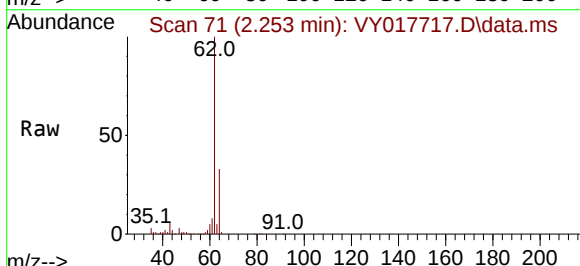
Acq: 19 Mar 2024 19:16

Tgt Ion: 62 Resp: 104032

Ion Ratio Lower Upper

62 100

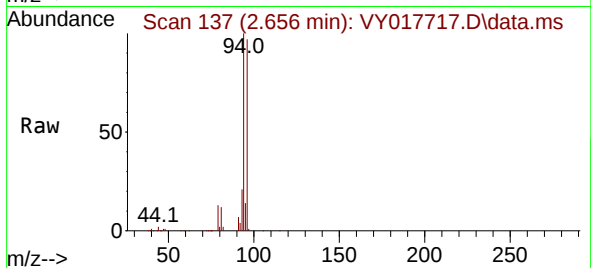
64 33.3 26.1 39.1





#5
Bromomethane
Concen: 46.230 ug/l
RT: 2.656 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY017717.D
Acq: 19 Mar 2024 19:16

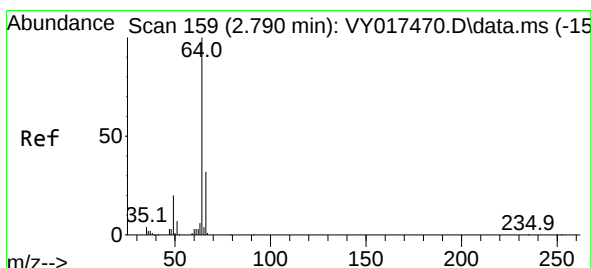
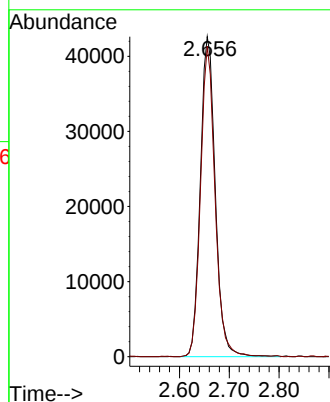
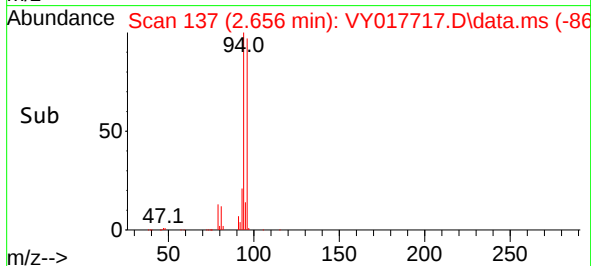
Instrument :
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VSTDCCC050EC



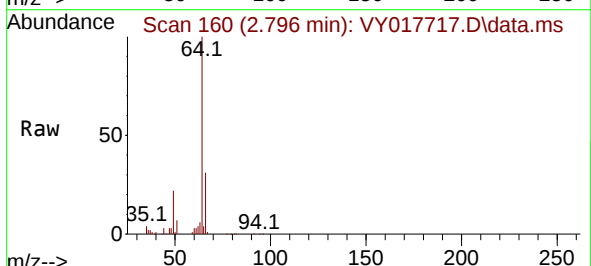
Tgt Ion: 94 Resp: 88718
Ion Ratio Lower Upper
94 100
96 97.0 74.1 111.1

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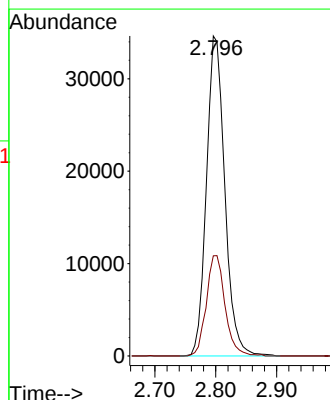
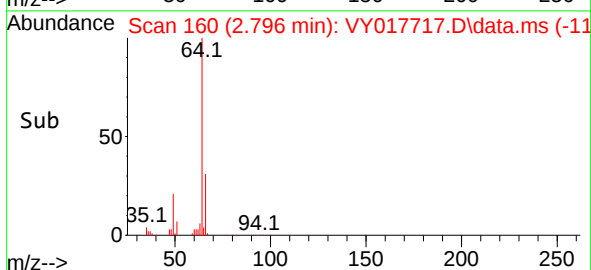
Reviewed By :Mahesh Dadoda 03/20/2024
Supervised By :Semsettin Yesilyurt 03/20/2024



#6
Chloroethane
Concen: 48.815 ug/l
RT: 2.796 min Scan# 160
Delta R.T. 0.006 min
Lab File: VY017717.D
Acq: 19 Mar 2024 19:16



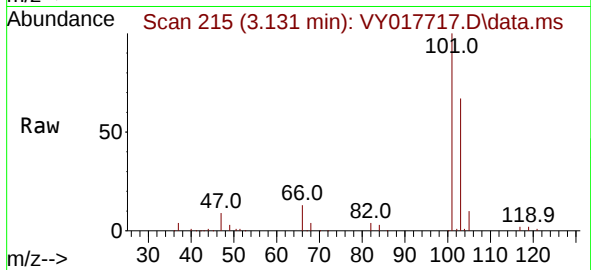
Tgt Ion: 64 Resp: 72518
Ion Ratio Lower Upper
64 100
66 31.3 26.1 39.1





#7
Trichlorofluoromethane
Concen: 41.628 ug/l
RT: 3.131 min Scan# 213
Delta R.T. 0.012 min
Lab File: VY017717.D
Acq: 19 Mar 2024 19:16

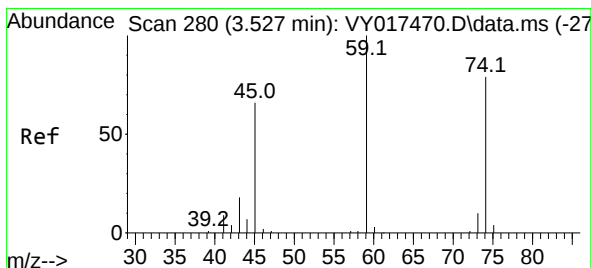
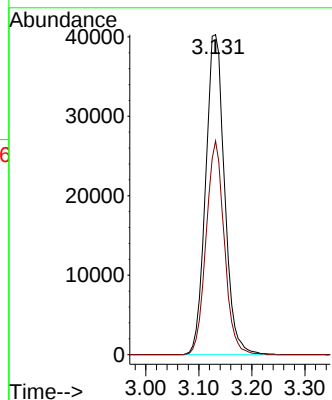
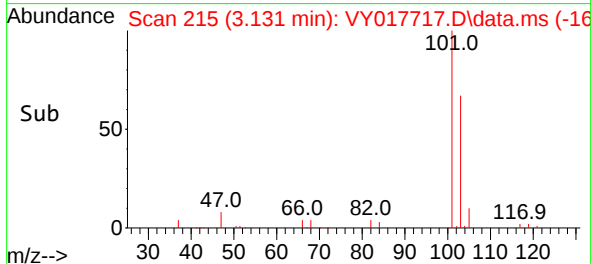
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion:101 Resp: 99910
Ion Ratio Lower Upper
101 100
103 66.8 49.3 73.9

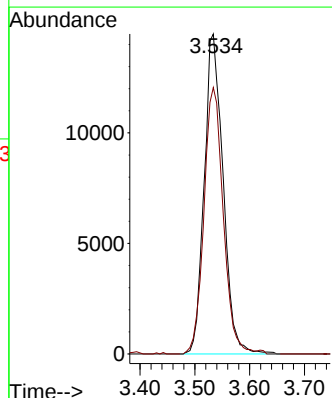
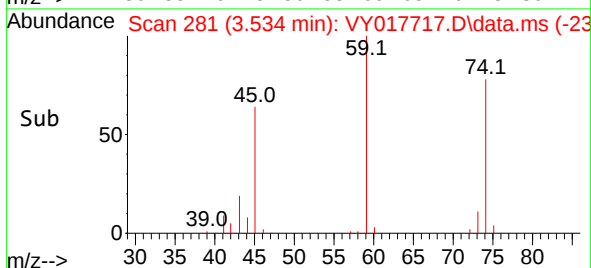
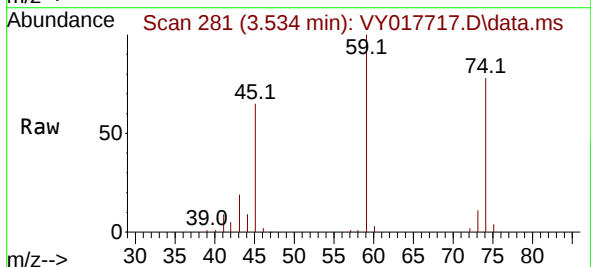
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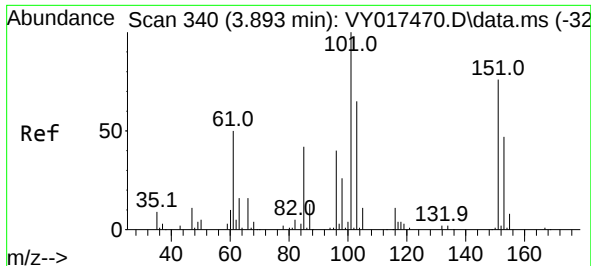
Reviewed By :Mahesh Dadoda 03/20/2024
Supervised By :Semsettin Yesilyurt 03/20/2024



#8
Diethyl Ether
Concen: 49.037 ug/l
RT: 3.534 min Scan# 281
Delta R.T. 0.006 min
Lab File: VY017717.D
Acq: 19 Mar 2024 19:16

Tgt Ion: 74 Resp: 34519
Ion Ratio Lower Upper
74 100
45 85.7 41.3 124.1





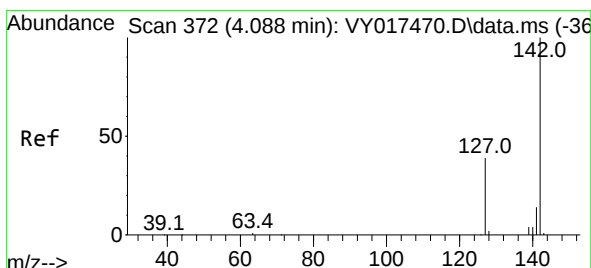
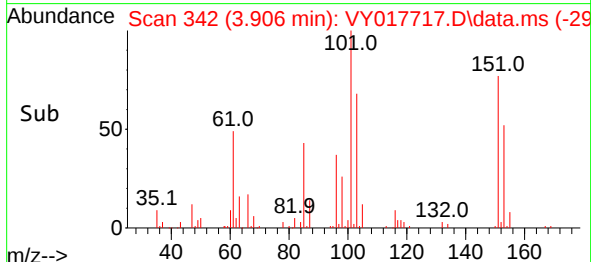
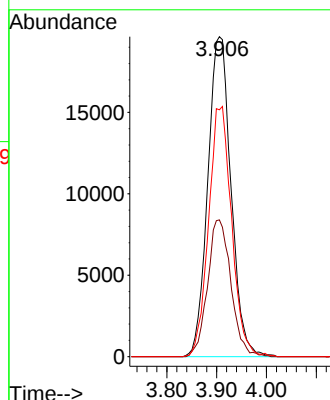
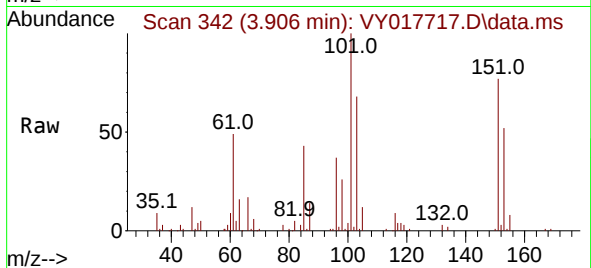
#9
1,1,2-Trichlorotrifluoroethane
Concen: 46.021 ug/l
RT: 3.906 min Scan# 341
Delta R.T. 0.012 min
Lab File: VY017717.D
Acq: 19 Mar 2024 19:16

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 6353
Ion Ratio Lower Upper
101 100
85 43.0 34.5 51.7
151 77.7 61.7 92.5

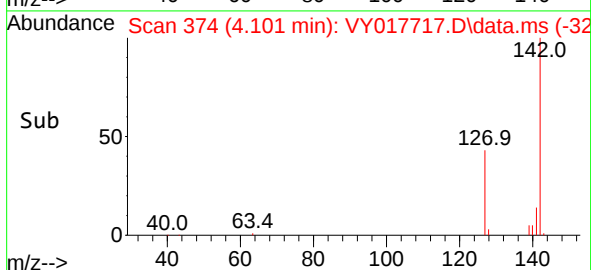
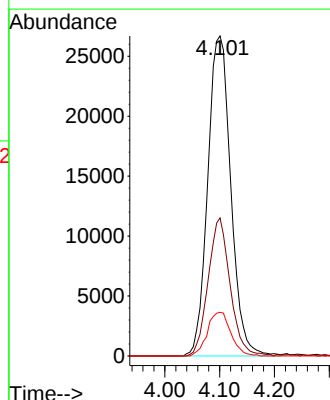
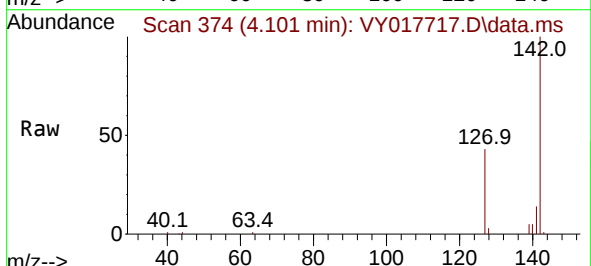
Manual Integrations
APPROVED

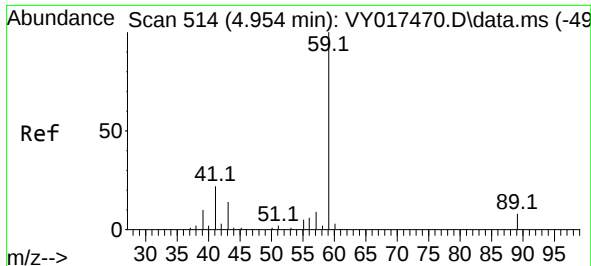
Reviewed By :Mahesh Dadoda 03/20/2024
Supervised By :Semsettin Yesilyurt 03/20/2024



#10
Methyl Iodide
Concen: 50.329 ug/l
RT: 4.101 min Scan# 374
Delta R.T. 0.012 min
Lab File: VY017717.D
Acq: 19 Mar 2024 19:16

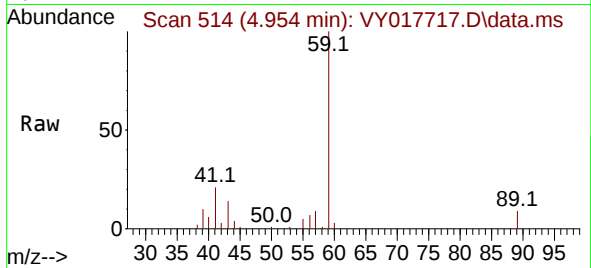
Tgt Ion:142 Resp: 77975
Ion Ratio Lower Upper
142 100
127 41.0 32.8 49.2
141 13.9 11.4 17.2





#11
Tert butyl alcohol
Concen: 190.769 ug/l
RT: 4.954 min Scan# 514
Delta R.T. 0.000 min
Lab File: VY017717.D
Acq: 19 Mar 2024 19:16

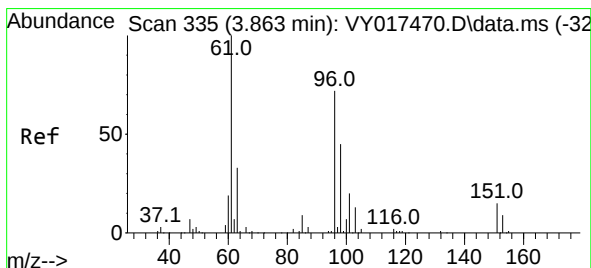
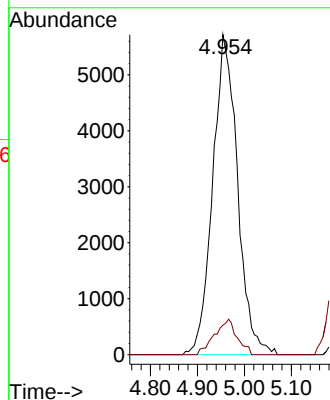
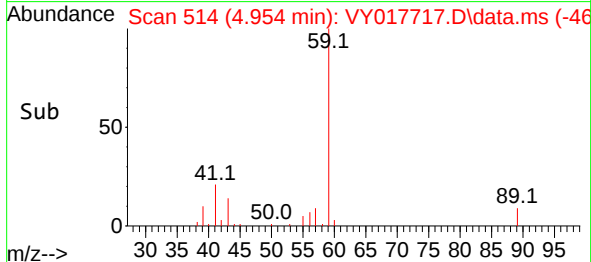
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



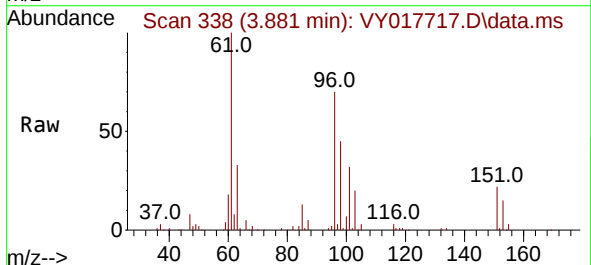
Tgt Ion: 59 Resp: 20910
Ion Ratio Lower Upper
59 100
57 10.0 3.0 4.6

Manual Integrations
APPROVED

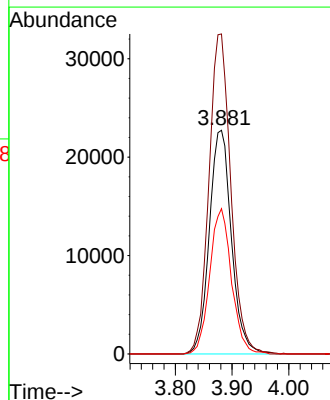
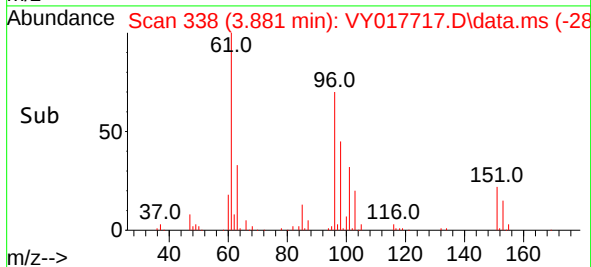
Reviewed By :Mahesh Dadoda 03/20/2024
Supervised By :Semsettin Yesilyurt 03/20/2024

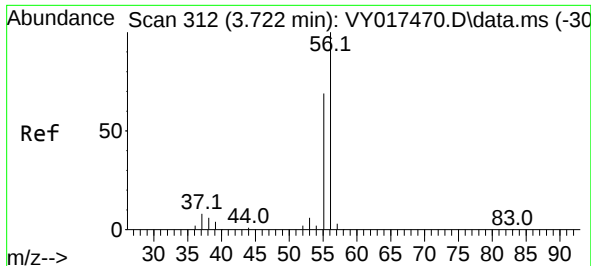


#12
1,1-Dichloroethene
Concen: 47.824 ug/l
RT: 3.881 min Scan# 338
Delta R.T. 0.018 min
Lab File: VY017717.D
Acq: 19 Mar 2024 19:16



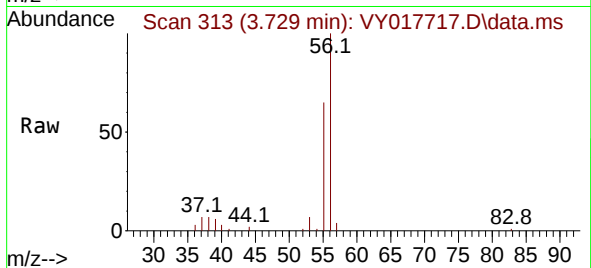
Tgt Ion: 96 Resp: 61529
Ion Ratio Lower Upper
96 100
61 143.1 114.6 171.8
98 64.9 50.8 76.2





#13
Acrolein
Concen: 144.774 ug/l
RT: 3.729 min Scan# 312
Delta R.T. 0.006 min
Lab File: VY017717.D
Acq: 19 Mar 2024 19:16

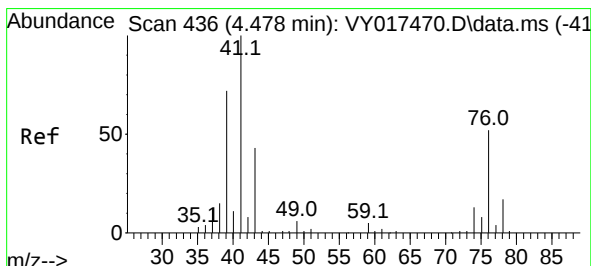
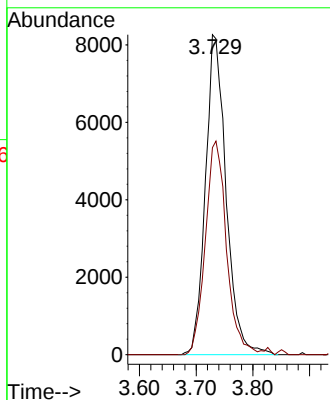
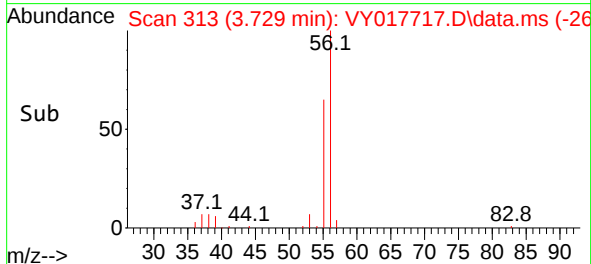
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 20944
Ion Ratio Lower Upper
56 100
55 68.3 55.7 83.5

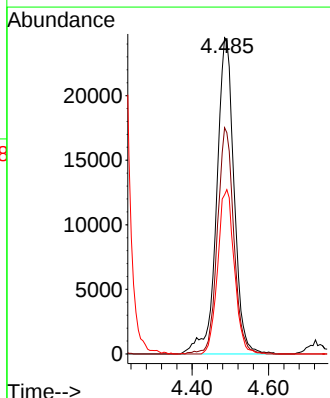
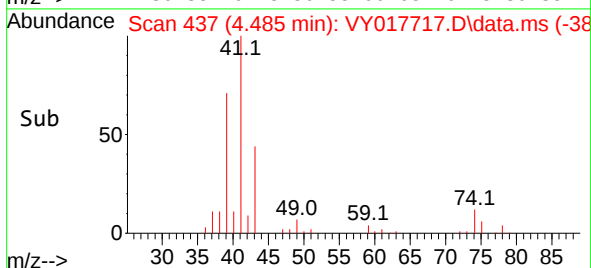
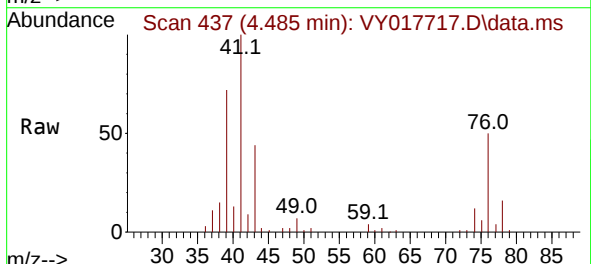
Manual Integrations
APPROVED

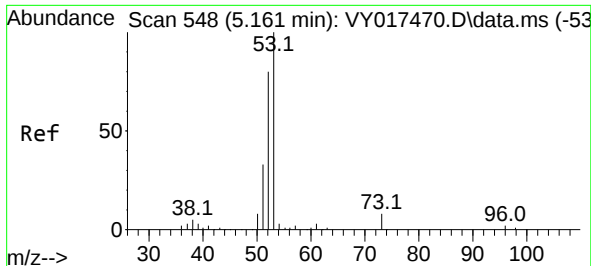
Reviewed By :Mahesh Dadoda 03/20/2024
Supervised By :Semsettin Yesilyurt 03/20/2024



#14
Allyl chloride
Concen: 49.818 ug/l
RT: 4.485 min Scan# 437
Delta R.T. 0.006 min
Lab File: VY017717.D
Acq: 19 Mar 2024 19:16

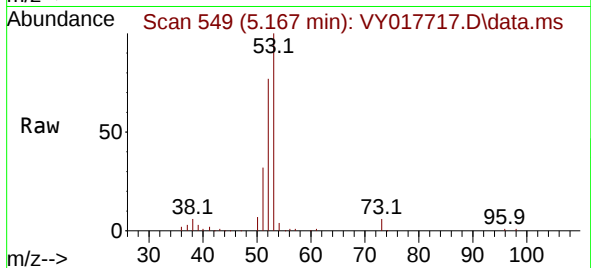
Tgt Ion: 41 Resp: 77445
Ion Ratio Lower Upper
41 100
39 67.4 58.3 87.5
76 49.6 39.0 58.6





#15
Acrylonitrile
Concen: 261.680 ug/l
RT: 5.167 min Scan# 54
Delta R.T. 0.006 min
Lab File: VY017717.D
Acq: 19 Mar 2024 19:16

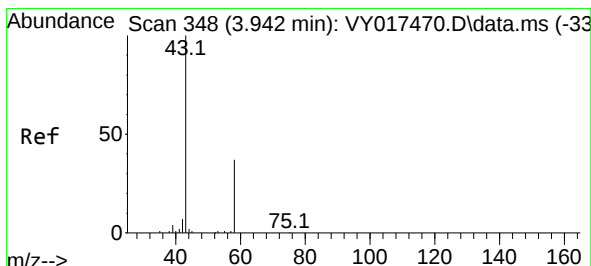
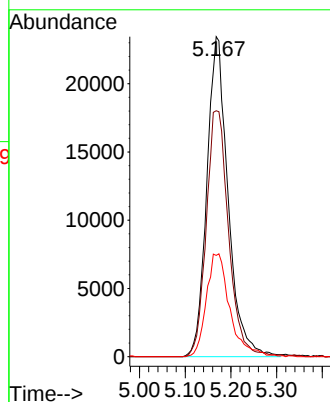
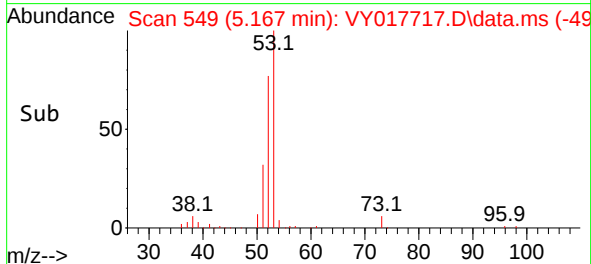
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 75724
Ion Ratio Lower Upper
53 100
52 80.6 64.7 97.1
51 35.7 28.4 42.6

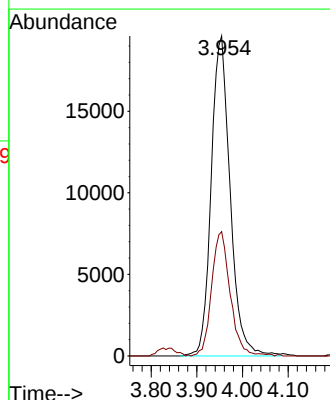
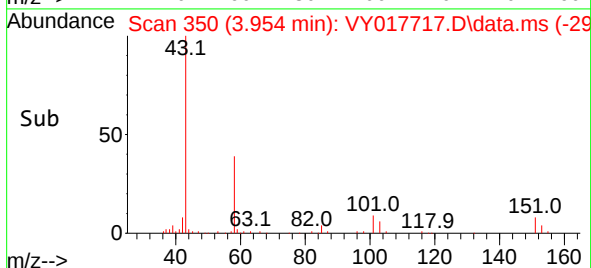
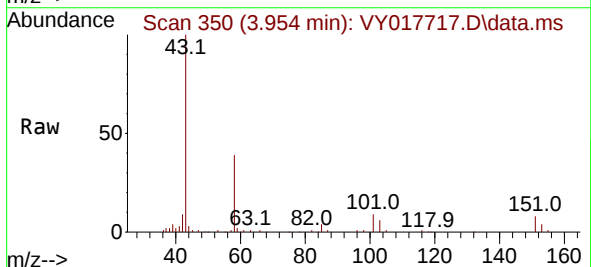
Manual Integrations
APPROVED

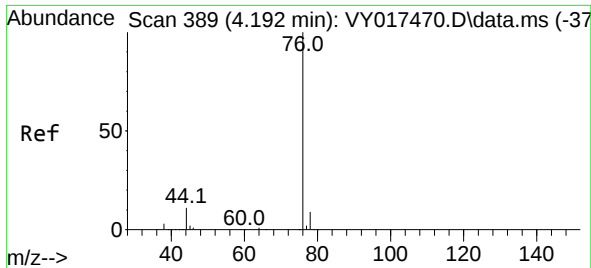
Reviewed By :Mahesh Dadoda 03/20/2024
Supervised By :Semsettin Yesilyurt 03/20/2024



#16
Acetone
Concen: 225.591 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.012 min
Lab File: VY017717.D
Acq: 19 Mar 2024 19:16

Tgt Ion: 43 Resp: 56477
Ion Ratio Lower Upper
43 100
58 38.4 31.7 47.5





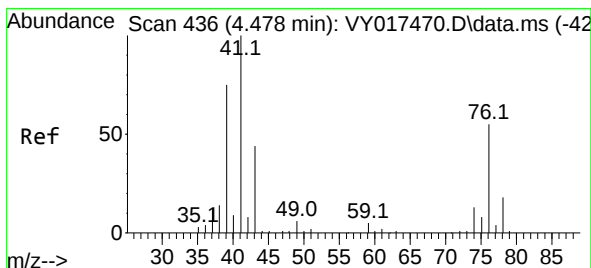
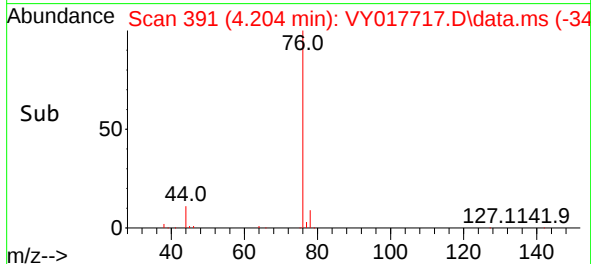
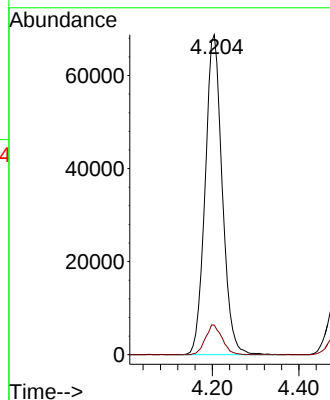
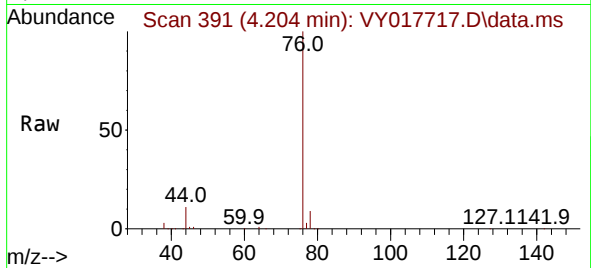
#17
Carbon Disulfide
Concen: 48.652 ug/l
RT: 4.204 min Scan# 391
Delta R.T. 0.012 min
Lab File: VY017717.D
Acq: 19 Mar 2024 19:16

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 76 Resp: 18788
Ion Ratio Lower Upper
76 100
78 9.2 6.8 10.2

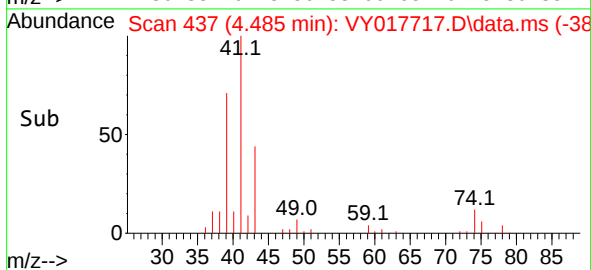
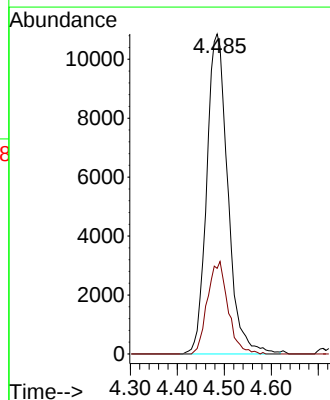
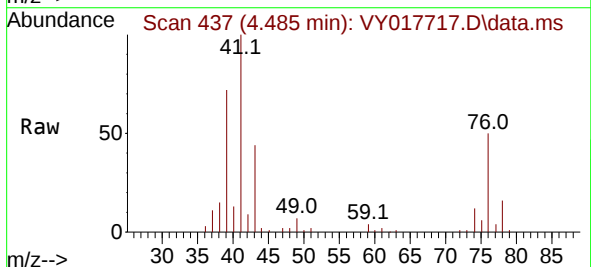
Manual Integrations
APPROVED

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



#18
Methyl Acetate
Concen: 55.688 ug/l
RT: 4.485 min Scan# 437
Delta R.T. 0.006 min
Lab File: VY017717.D
Acq: 19 Mar 2024 19:16

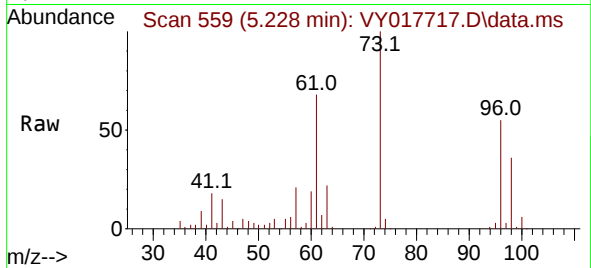
Tgt Ion: 43 Resp: 33823
Ion Ratio Lower Upper
43 100
74 28.2 23.3 34.9





#19
Methyl tert-butyl Ether
Concen: 51.367 ug/l
RT: 5.228 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY017717.D
Acq: 19 Mar 2024 19:16

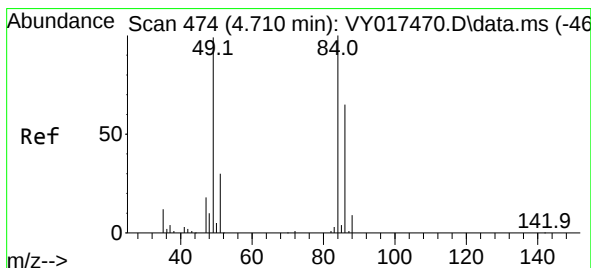
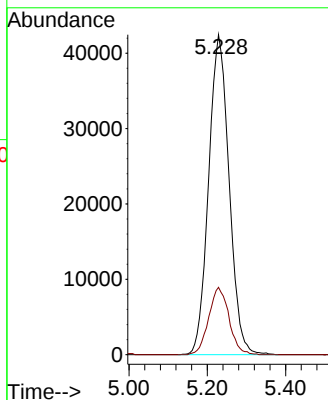
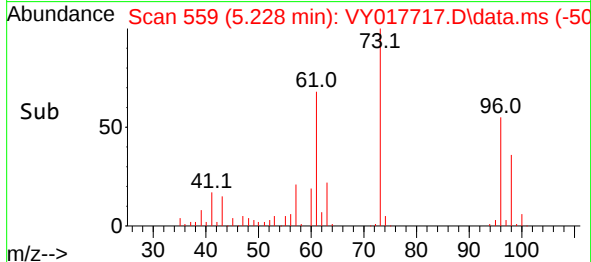
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 73 Resp: 154036
Ion Ratio Lower Upper
73 100
57 21.1 17.3 25.9

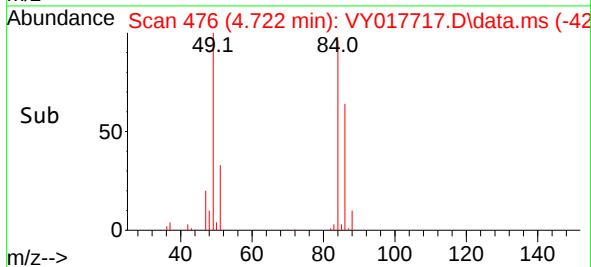
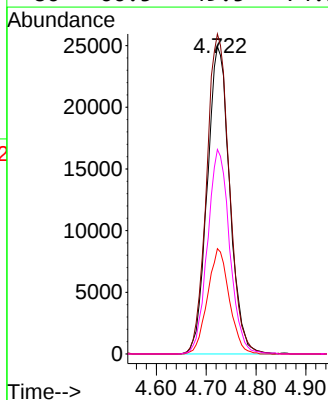
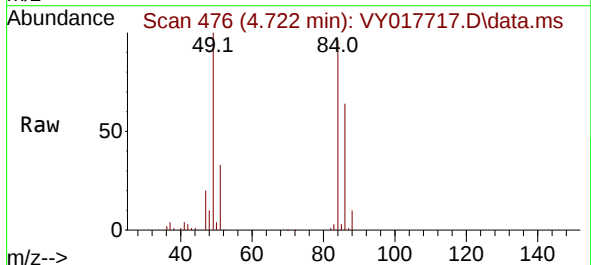
Manual Integrations
APPROVED

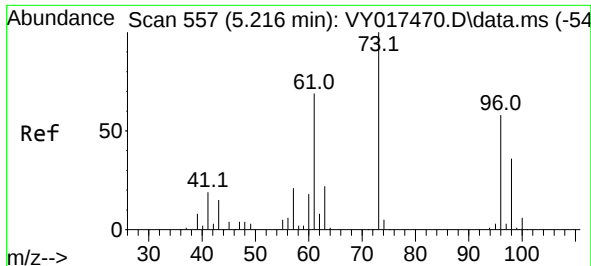
Reviewed By :Mahesh Dadoda 03/20/2024
Supervised By :Semsettin Yesilyurt 03/20/2024



#20
Methylene Chloride
Concen: 53.228 ug/l
RT: 4.722 min Scan# 476
Delta R.T. 0.012 min
Lab File: VY017717.D
Acq: 19 Mar 2024 19:16

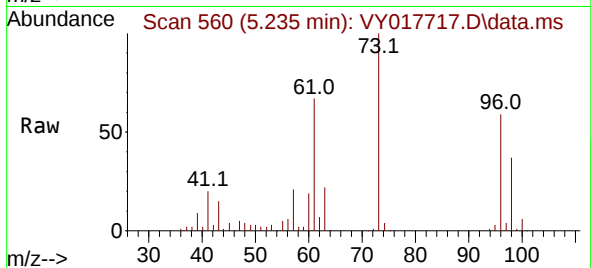
Tgt Ion: 84 Resp: 77771
Ion Ratio Lower Upper
84 100
49 104.1 84.4 126.6
51 34.3 26.0 39.0
86 66.5 49.5 74.3





#21
trans-1,2-Dichloroethene
Concen: 49.949 ug/l
RT: 5.235 min Scan# 50
Delta R.T. 0.018 min
Lab File: VY017717.D
Acq: 19 Mar 2024 19:16

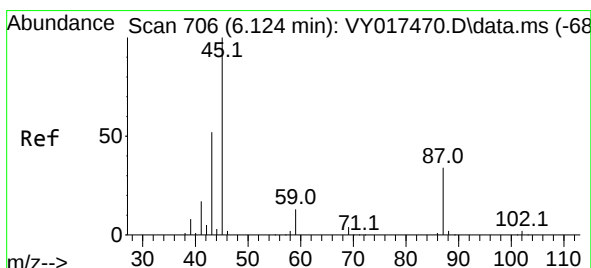
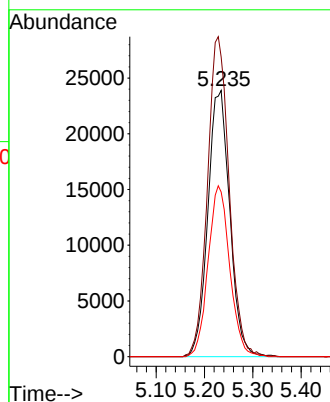
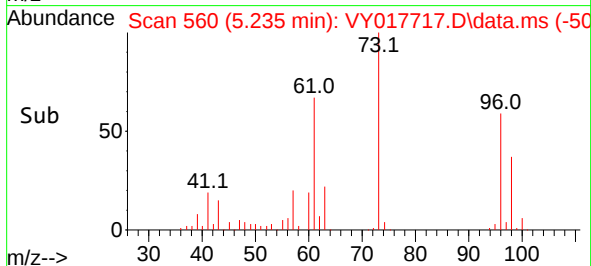
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 96 Resp: 7524
Ion Ratio Lower Upper
96 100
61 112.6 97.5 146.3
98 61.9 50.5 75.7

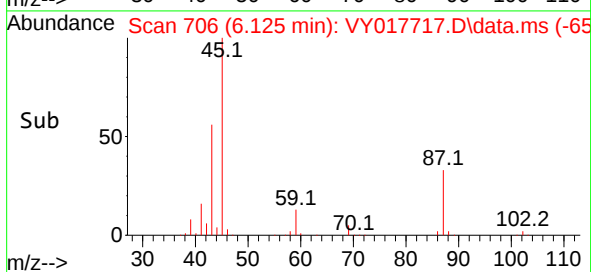
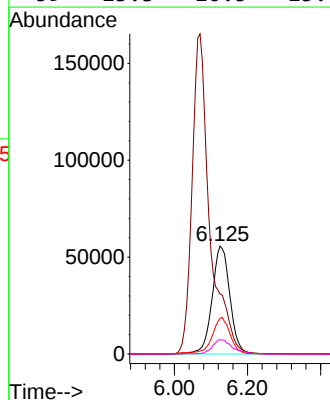
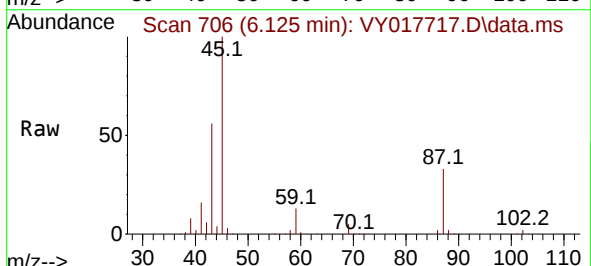
Manual Integrations
APPROVED

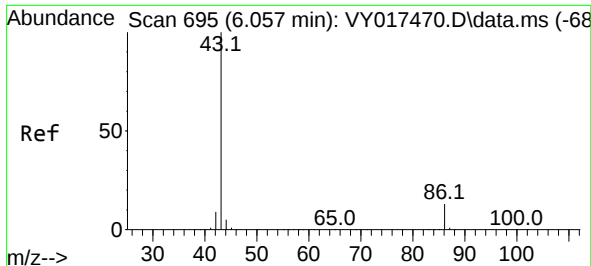
Reviewed By :Mahesh Dadoda 03/20/2024
Supervised By :Semsettin Yesilyurt 03/20/2024



#22
Diisopropyl ether
Concen: 52.134 ug/l
RT: 6.125 min Scan# 706
Delta R.T. 0.000 min
Lab File: VY017717.D
Acq: 19 Mar 2024 19:16

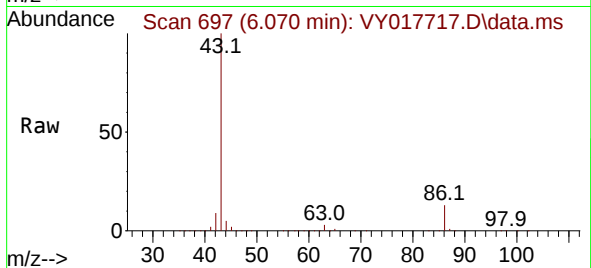
Tgt Ion: 45 Resp: 187019
Ion Ratio Lower Upper
45 100
43 55.2 42.2 63.2
87 33.2 25.0 37.6
59 13.3 10.5 15.7





#23
 Vinyl Acetate
 Concen: 259.134 ug/l
 RT: 6.070 min Scan# 695
 Delta R.T. 0.012 min
 Lab File: VY017717.D
 Acq: 19 Mar 2024 19:16

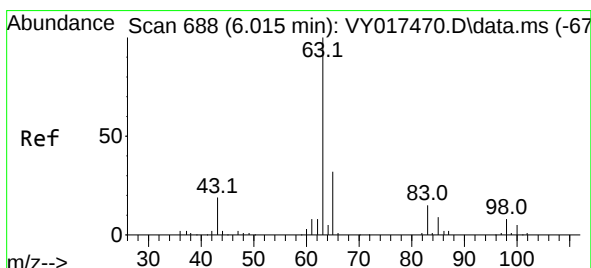
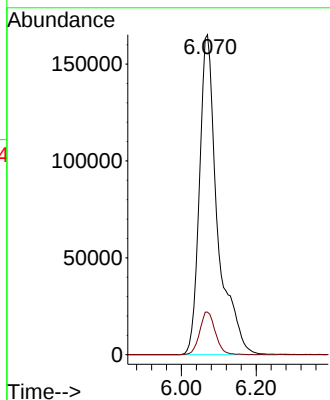
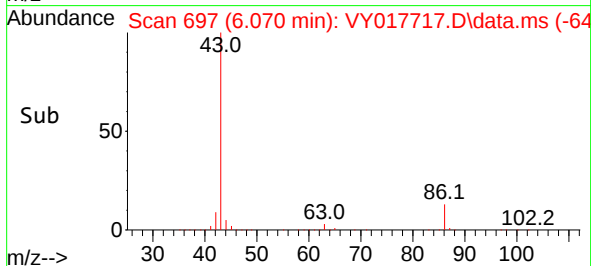
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC



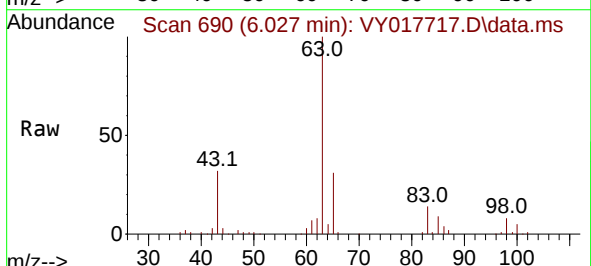
Tgt Ion: 43 Resp: 553929
 Ion Ratio Lower Upper
 43 100
 86 13.3 10.6 16.0

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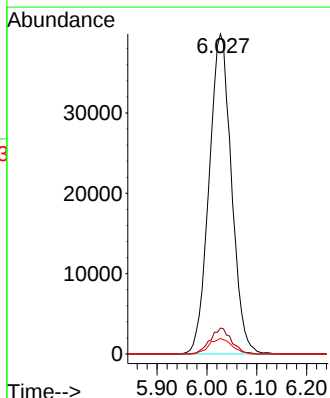
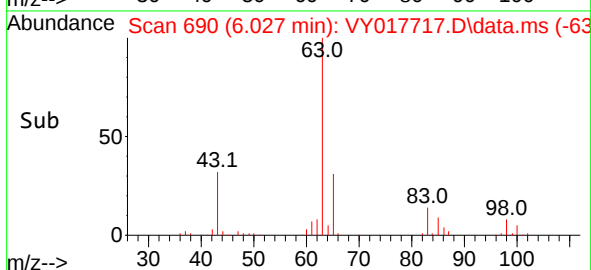
Reviewed By :Mahesh Dadoda 03/20/2024
 Supervised By :Semsettin Yesilyurt 03/20/2024



#24
 1,1-Dichloroethane
 Concen: 50.726 ug/l
 RT: 6.027 min Scan# 690
 Delta R.T. 0.012 min
 Lab File: VY017717.D
 Acq: 19 Mar 2024 19:16



Tgt Ion: 63 Resp: 124318
 Ion Ratio Lower Upper
 63 100
 98 8.1 4.0 12.2
 100 4.8 2.6 8.0





#25

2-Butanone

Concen: 245.012 ug/l

RT: 6.996 min Scan# 849

Delta R.T. 0.012 min

Lab File: VY017717.D

Acq: 19 Mar 2024 19:16

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 87410

Ion Ratio Lower Upper

43 100

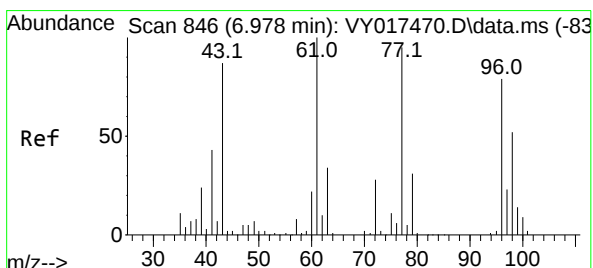
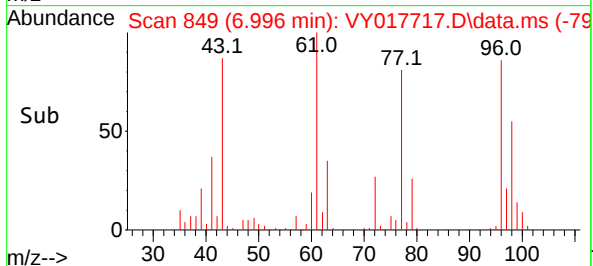
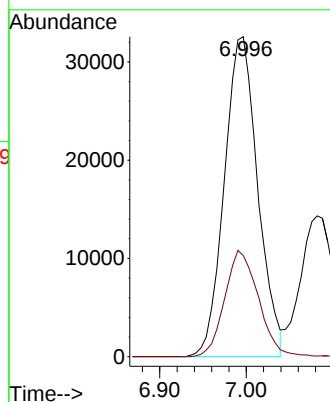
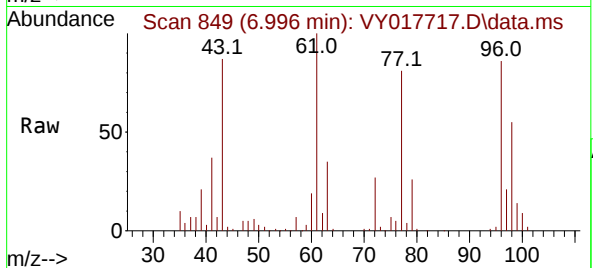
72 31.6 27.3 40.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/20/2024

Supervised By :Semsettin Yesilyurt 03/20/2024



#26

2,2-Dichloropropane

Concen: 46.949 ug/l

RT: 6.990 min Scan# 848

Delta R.T. 0.012 min

Lab File: VY017717.D

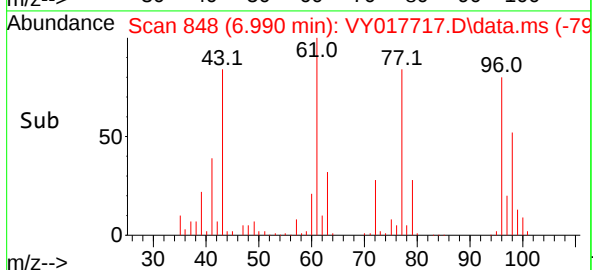
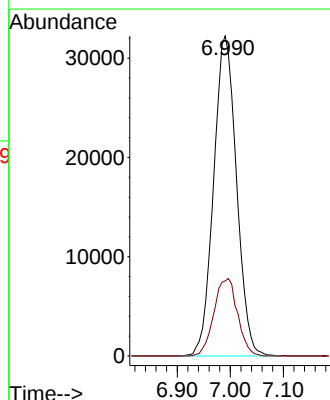
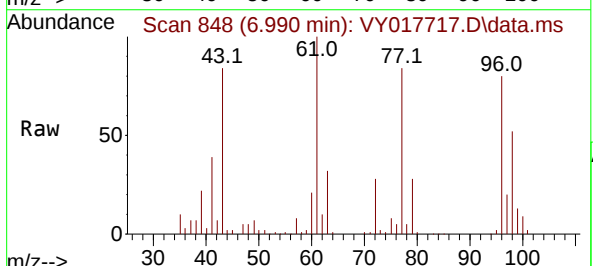
Acq: 19 Mar 2024 19:16

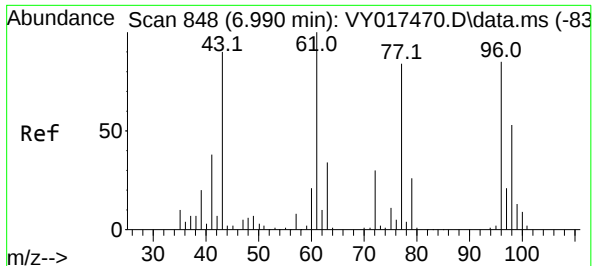
Tgt Ion: 77 Resp: 96739

Ion Ratio Lower Upper

77 100

97 24.9 12.0 36.1





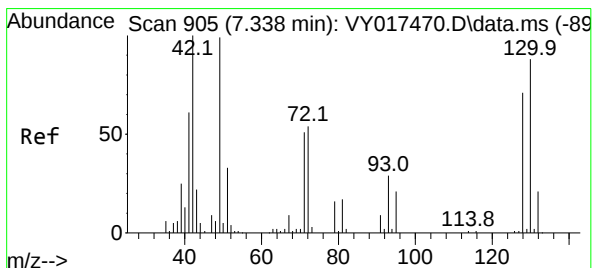
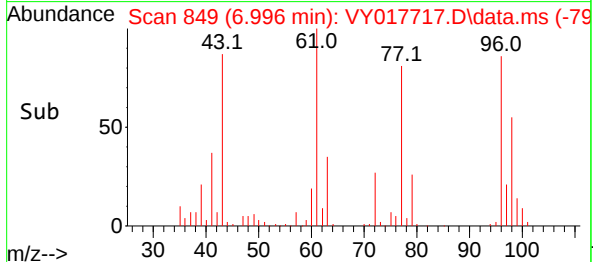
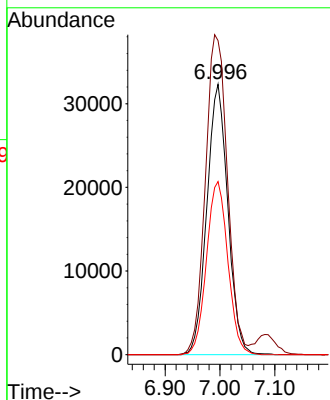
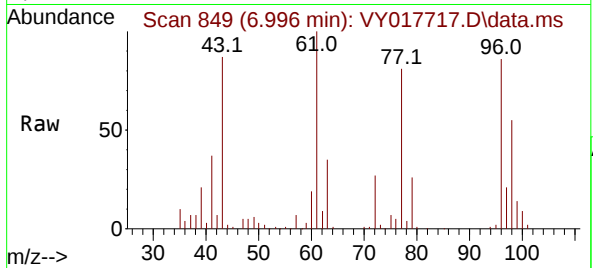
#27
cis-1,2-Dichloroethene
Concen: 50.780 ug/l
RT: 6.996 min Scan# 849
Delta R.T. 0.006 min
Lab File: VY017717.D
Acq: 19 Mar 2024 19:16

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 96 Resp: 8588
Ion Ratio Lower Upper
96 100
61 124.6 0.0 256.2
98 65.1 0.0 130.0

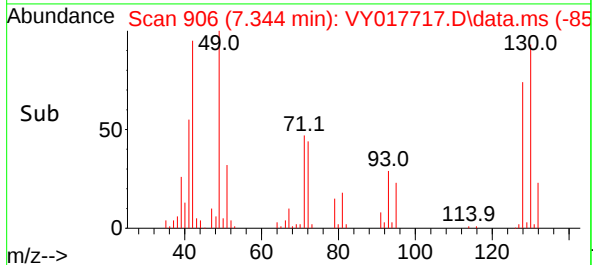
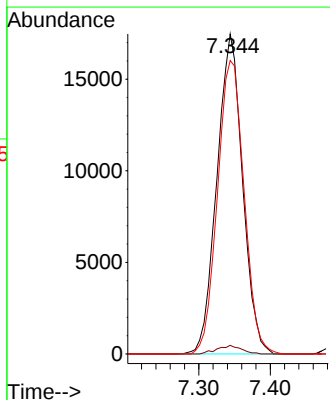
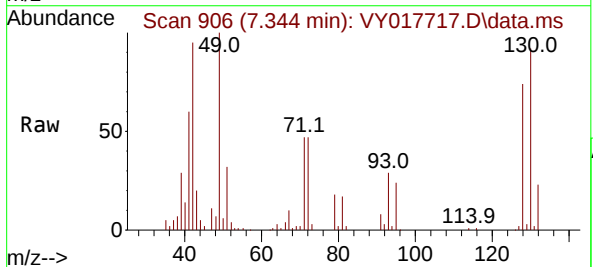
Manual Integrations
APPROVED

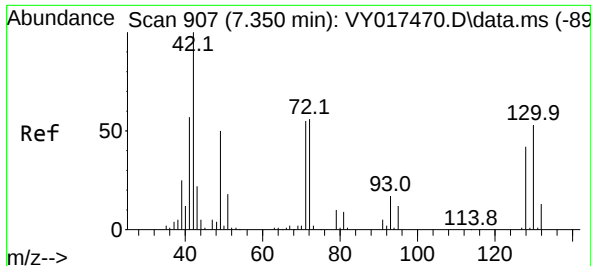
Reviewed By :Mahesh Dadoda 03/20/2024
Supervised By :Semsettin Yesilyurt 03/20/2024



#28
Bromochloromethane
Concen: 45.017 ug/l
RT: 7.344 min Scan# 906
Delta R.T. 0.006 min
Lab File: VY017717.D
Acq: 19 Mar 2024 19:16

Tgt Ion: 49 Resp: 43450
Ion Ratio Lower Upper
49 100
129 2.5 0.0 4.6
130 94.9 72.7 109.1





#29

Tetrahydrofuran

Concen: 268.199 ug/l

RT: 7.356 min Scan# 907

Delta R.T. 0.006 min

Lab File: VY017717.D

Acq: 19 Mar 2024 19:16

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 42 Resp: 5768

Ion Ratio Lower Upper

42 100

72 54.2 43.0 64.4

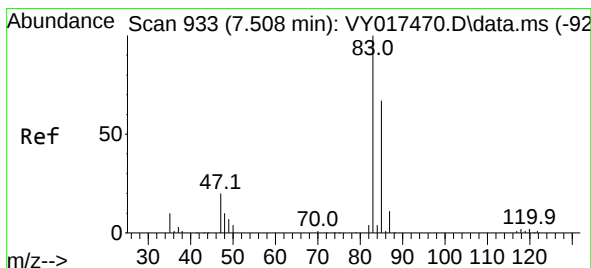
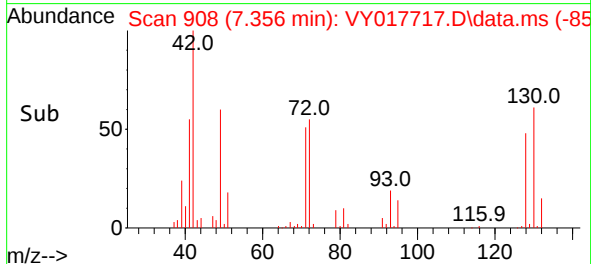
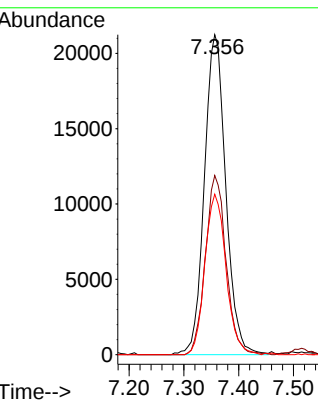
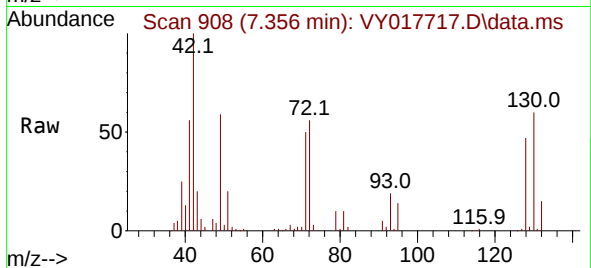
71 49.6 40.8 61.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/20/2024

Supervised By :Semsettin Yesilyurt 03/20/2024



#30

Chloroform

Concen: 50.969 ug/l

RT: 7.515 min Scan# 934

Delta R.T. 0.006 min

Lab File: VY017717.D

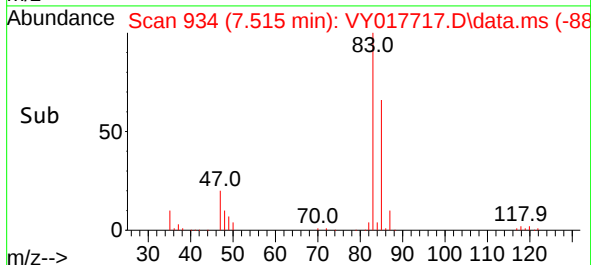
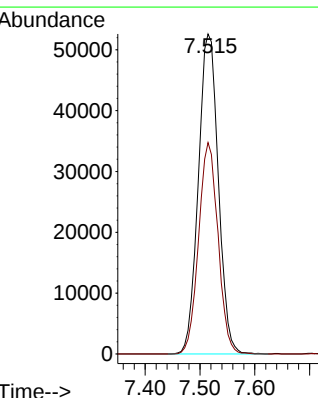
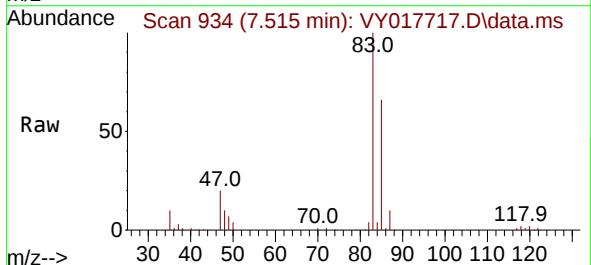
Acq: 19 Mar 2024 19:16

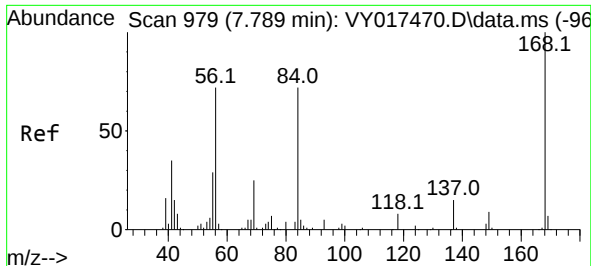
Tgt Ion: 83 Resp: 132990

Ion Ratio Lower Upper

83 100

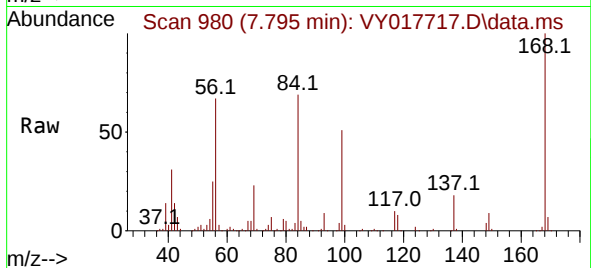
85 66.1 52.2 78.4





#31
Cyclohexane
Concen: 46.638 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY017717.D
Acq: 19 Mar 2024 19:16

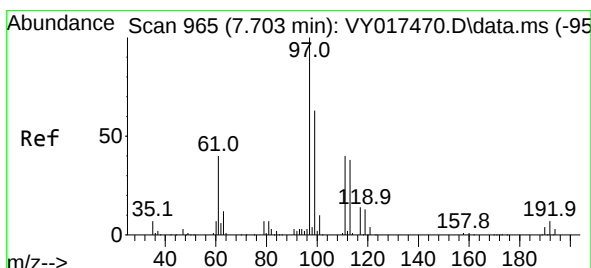
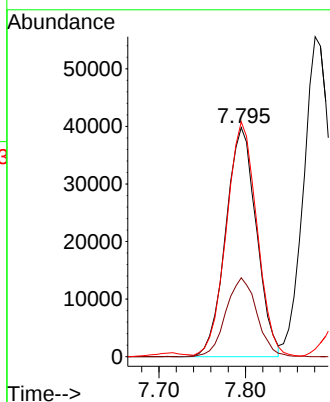
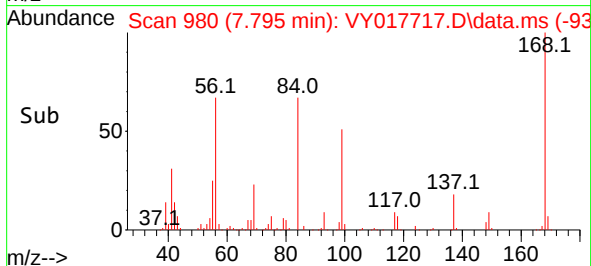
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



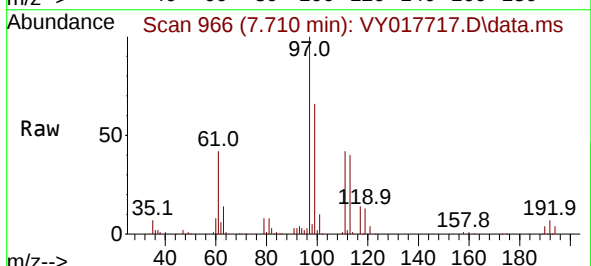
Tgt Ion: 56 Resp: 9796
Ion Ratio Lower Upper
56 100
69 34.4 28.7 43.1
84 101.3 77.7 116.5

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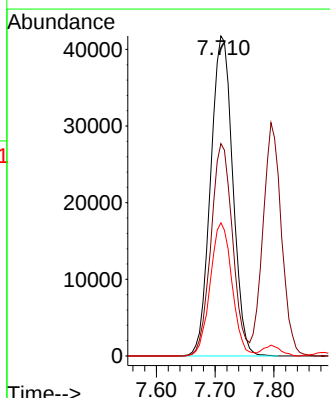
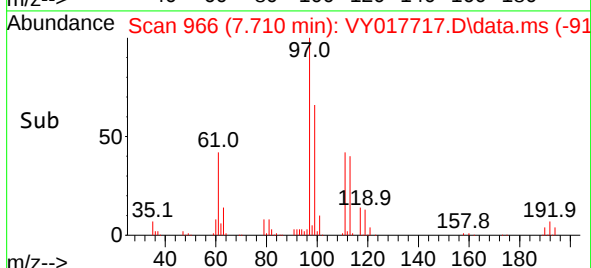
Reviewed By :Mahesh Dadoda 03/20/2024
Supervised By :Semsettin Yesilyurt 03/20/2024

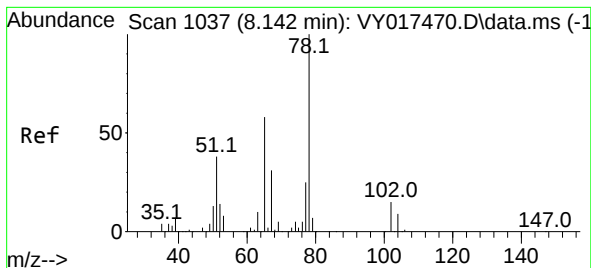


#32
1,1,1-Trichloroethane
Concen: 48.291 ug/l
RT: 7.710 min Scan# 966
Delta R.T. 0.006 min
Lab File: VY017717.D
Acq: 19 Mar 2024 19:16



Tgt Ion: 97 Resp: 109394
Ion Ratio Lower Upper
97 100
99 65.0 50.3 75.5
61 40.9 32.6 48.8





#33

1,2-Dichloroethane-d4

Concen: 47.318 ug/l

RT: 8.149 min Scan# 1037

Delta R.T. 0.006 min

Lab File: VY017717.D

Acq: 19 Mar 2024 19:16

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 61070

Ion Ratio Lower Upper

65 100

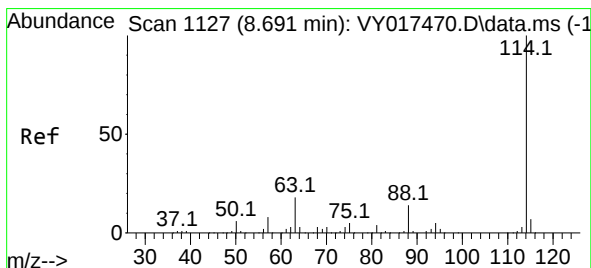
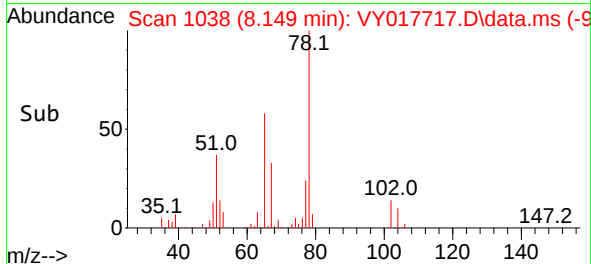
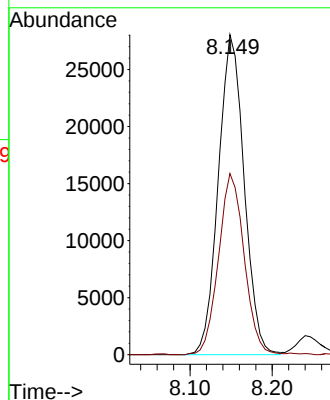
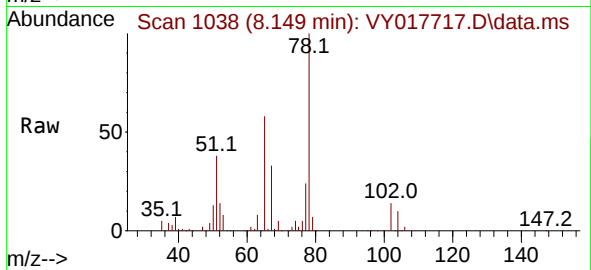
67 56.3 0.0 109.6

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: 8.697 min Scan# 1128

Delta R.T. 0.006 min

Lab File: VY017717.D

Acq: 19 Mar 2024 19:16

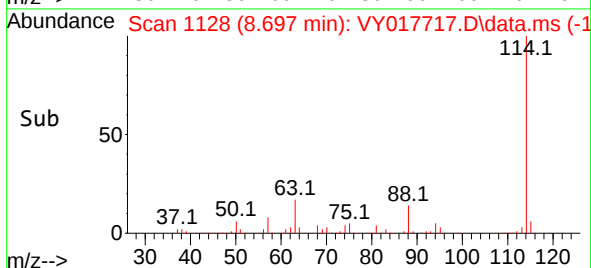
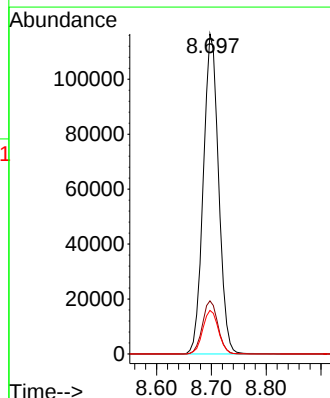
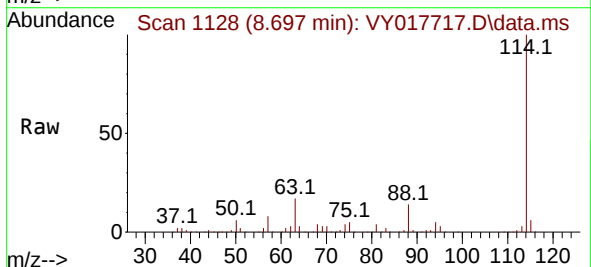
Tgt Ion:114 Resp: 225321

Ion Ratio Lower Upper

114 100

63 16.6 0.0 35.0

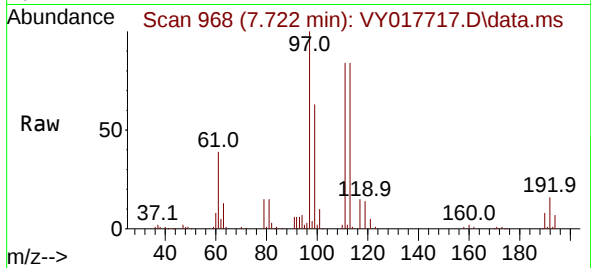
88 13.6 0.0 27.2





#35
Dibromofluoromethane
Concen: 44.042 ug/l
RT: 7.722 min Scan# 90
Delta R.T. 0.006 min
Lab File: VY017717.D
Acq: 19 Mar 2024 19:16

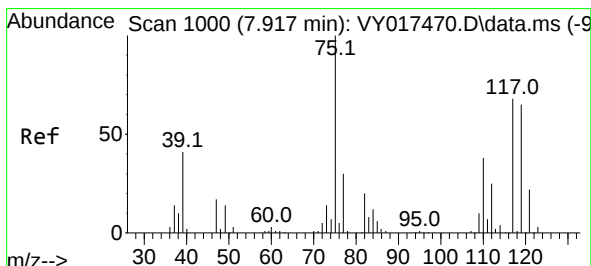
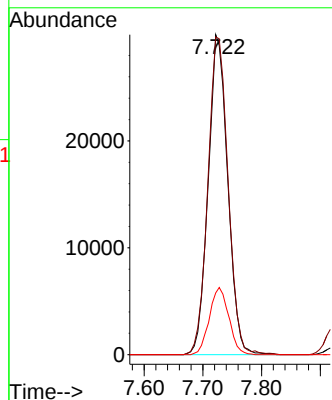
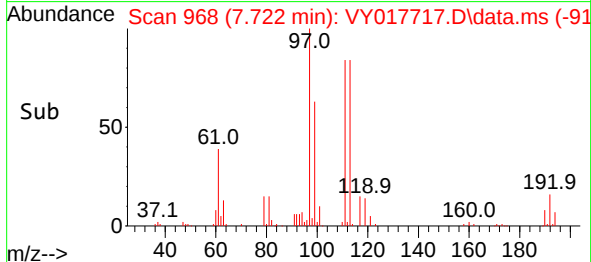
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion:113 Resp: 6915
Ion Ratio Lower Upper
113 100
111 102.9 82.2 123.4
192 20.9 15.9 23.9

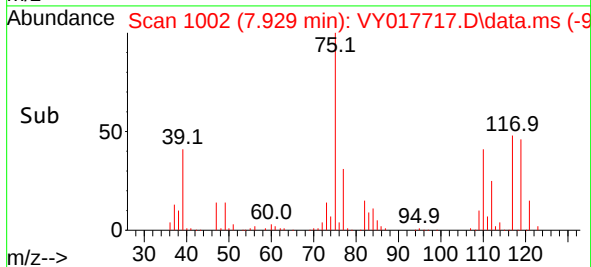
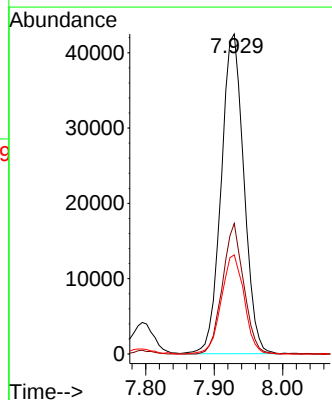
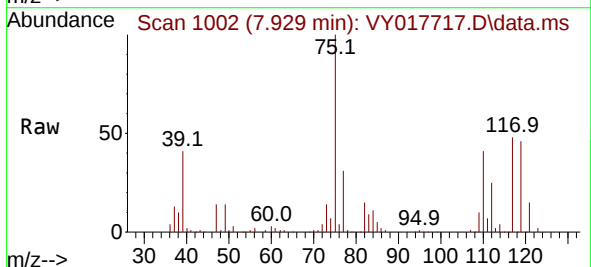
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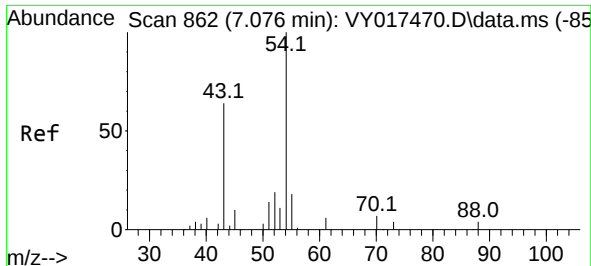
Reviewed By :Mahesh Dadoda 03/20/2024
Supervised By :Semsettin Yesilyurt 03/20/2024



#36
1,1-Dichloropropene
Concen: 46.044 ug/l
RT: 7.929 min Scan# 1002
Delta R.T. 0.012 min
Lab File: VY017717.D
Acq: 19 Mar 2024 19:16

Tgt Ion: 75 Resp: 97541
Ion Ratio Lower Upper
75 100
110 38.1 19.0 57.0
77 31.3 25.3 37.9





#37

Ethyl Acetate

Concen: 46.955 ug/l

RT: 7.082 min Scan# 862

Delta R.T. 0.006 min

Lab File: VY017717.D

Acq: 19 Mar 2024 19:16

Instrument :

MSVOA_Y

ClientSampleId :

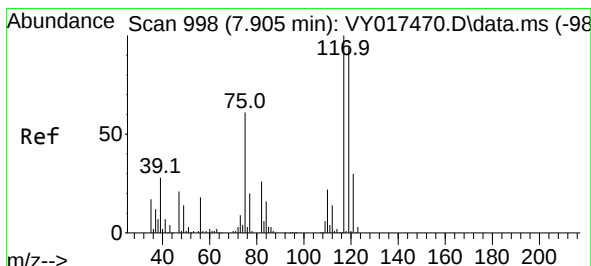
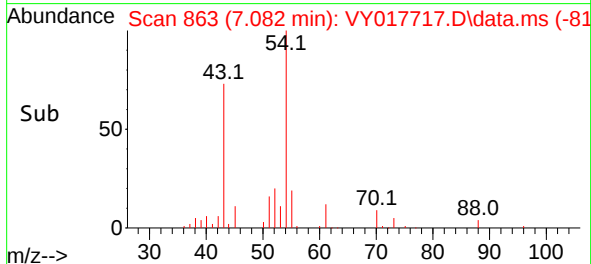
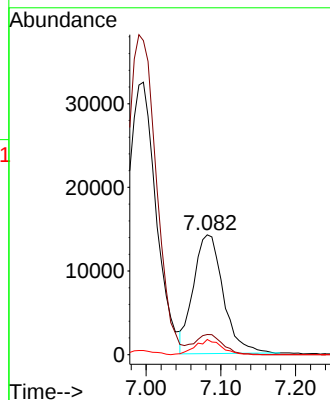
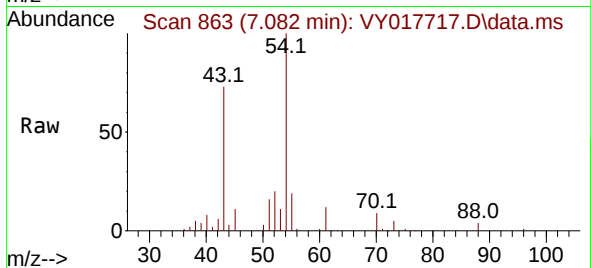
VSTDCCC050EC

Tgt Ion: 43	Resp: 3928
Ion Ratio	Lower Upper
43 100	
61 16.2	12.6 19.0
70 11.1	7.8 11.8

Manual Integrations

APPROVED

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



#38

Carbon Tetrachloride

Concen: 45.939 ug/l

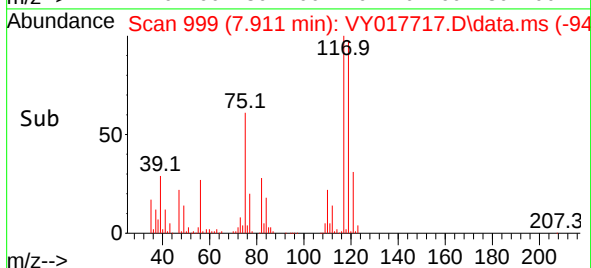
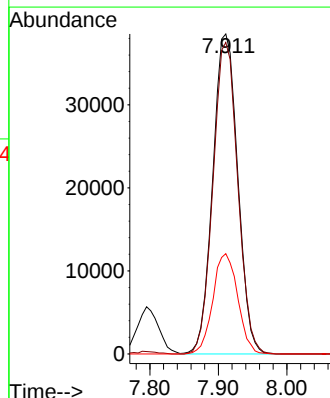
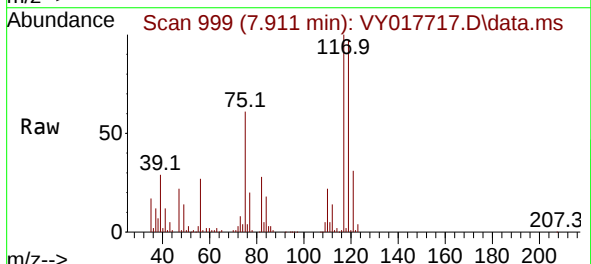
RT: 7.911 min Scan# 999

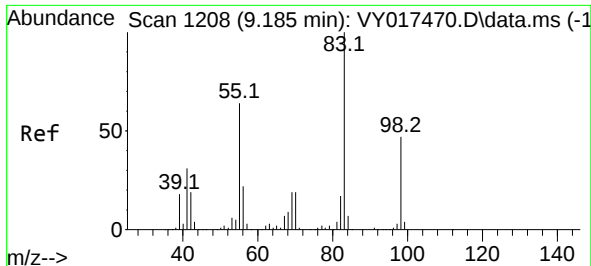
Delta R.T. 0.006 min

Lab File: VY017717.D

Acq: 19 Mar 2024 19:16

Tgt Ion:117	Resp: 97535
Ion Ratio	Lower Upper
117 100	
119 97.3	75.8 113.6
121 31.4	24.0 36.0





#39

Methylcyclohexane

Concen: 47.804 ug/l

RT: 9.191 min Scan# 1208

Delta R.T. 0.006 min

Lab File: VY017717.D

Acq: 19 Mar 2024 19:16

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 12170

Ion Ratio Lower Upper

83 100

55 65.9 51.5 77.3

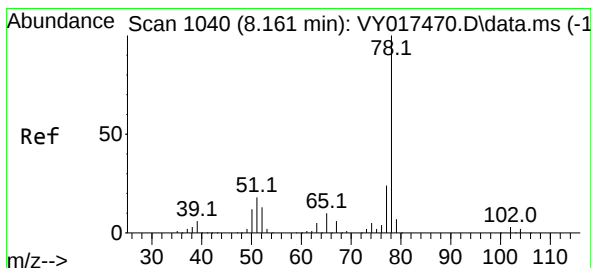
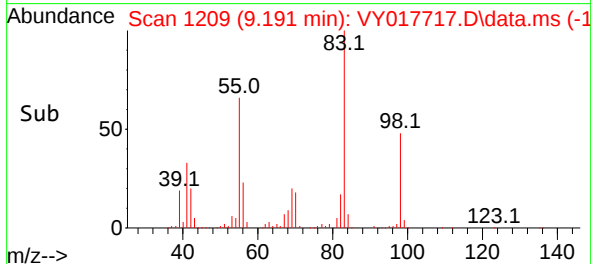
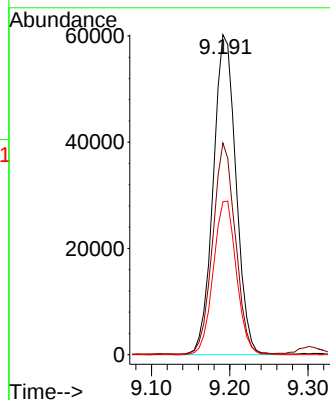
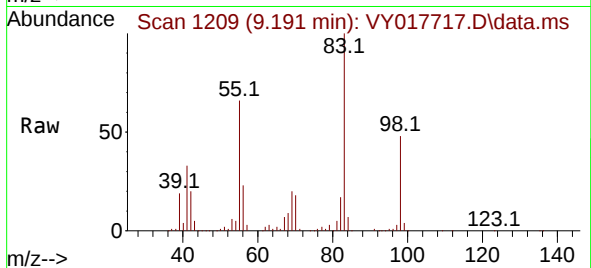
98 47.8 40.5 60.7

Manual Integrations

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Reviewed By :Mahesh Dadoda 03/20/2024

Supervised By :Semsettin Yesilyurt 03/20/2024



#40

Benzene

Concen: 47.643 ug/l

RT: 8.173 min Scan# 1042

Delta R.T. 0.012 min

Lab File: VY017717.D

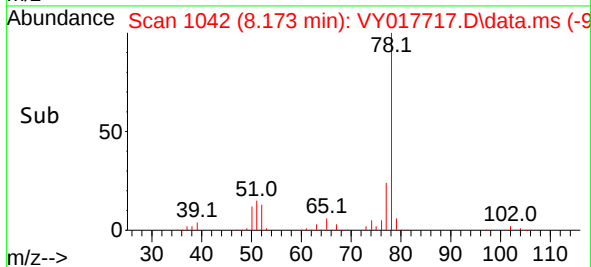
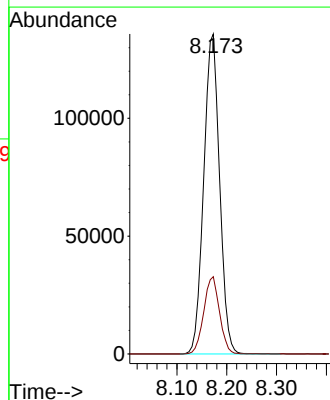
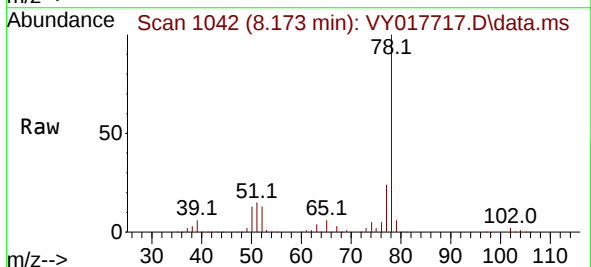
Acq: 19 Mar 2024 19:16

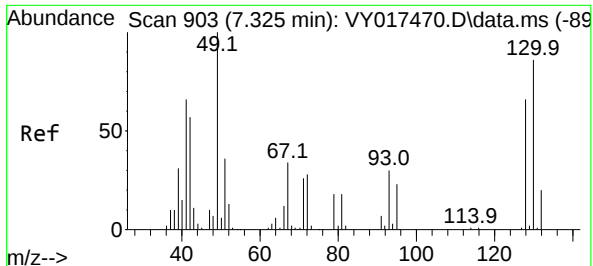
Tgt Ion: 78 Resp: 299730

Ion Ratio Lower Upper

78 100

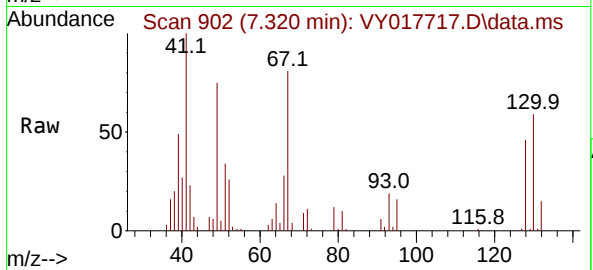
77 24.2 19.5 29.3





#41
Methacrylonitrile
Concen: 52.798 ug/l
RT: 7.320 min Scan# 903
Delta R.T. -0.006 min
Lab File: VY017717.D
Acq: 19 Mar 2024 19:16

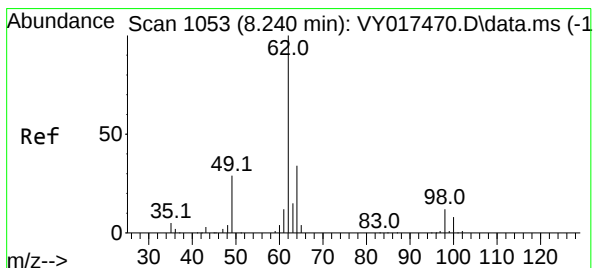
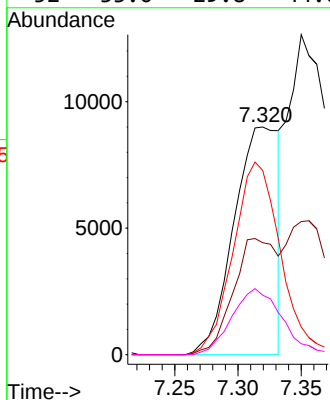
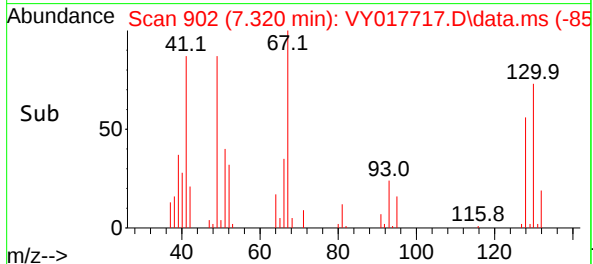
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 41 Resp: 22168
Ion Ratio Lower Upper
41 100
39 49.6 48.0 72.0
67 89.8 75.1 112.7
52 33.0 29.8 44.6

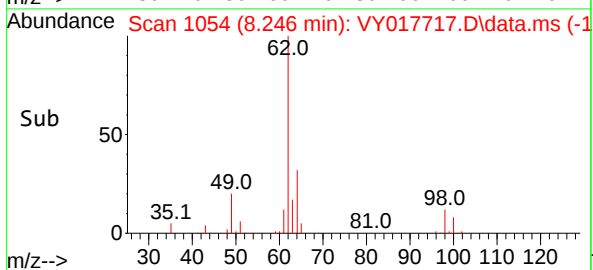
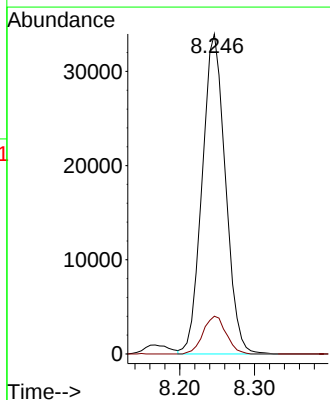
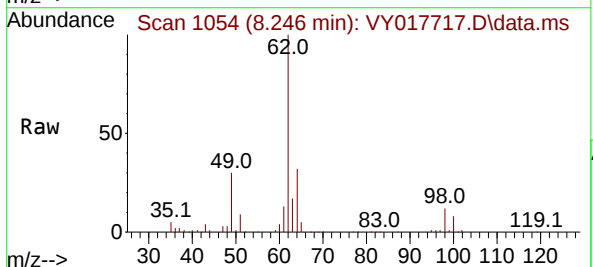
Manual Integrations
APPROVED

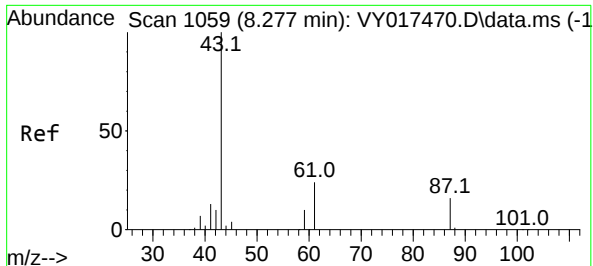
Reviewed By :Mahesh Dadoda 03/20/2024
Supervised By :Semsettin Yesilyurt 03/20/2024



#42
1,2-Dichloroethane
Concen: 47.865 ug/l
RT: 8.246 min Scan# 1054
Delta R.T. 0.006 min
Lab File: VY017717.D
Acq: 19 Mar 2024 19:16

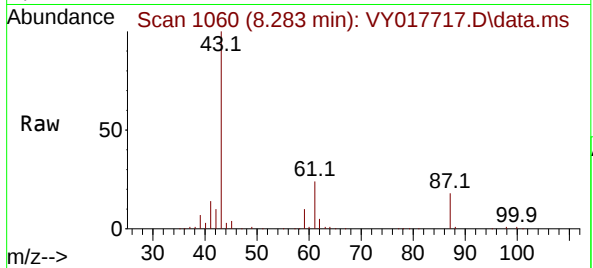
Tgt Ion: 62 Resp: 73470
Ion Ratio Lower Upper
62 100
98 11.7 0.0 22.0





#43
Isopropyl Acetate
Concen: 49.102 ug/l
RT: 8.283 min Scan# 1060
Delta R.T. 0.006 min
Lab File: VY017717.D
Acq: 19 Mar 2024 19:16

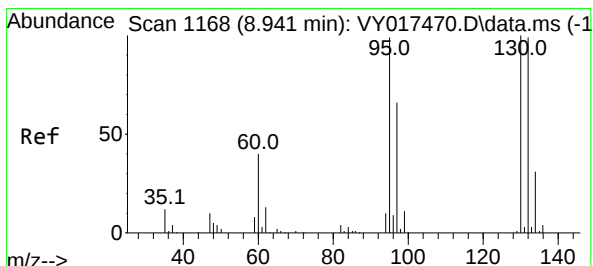
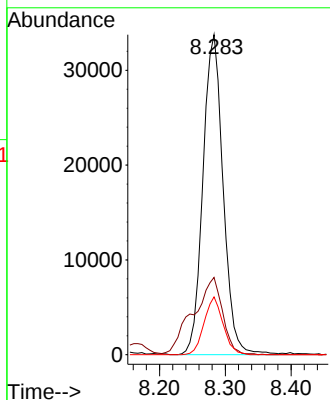
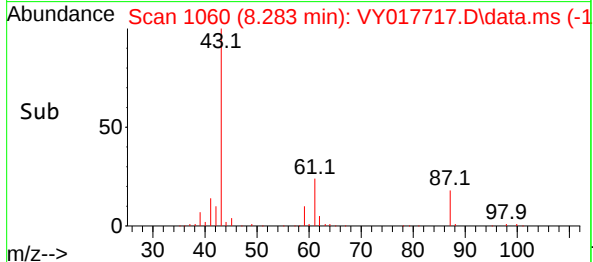
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



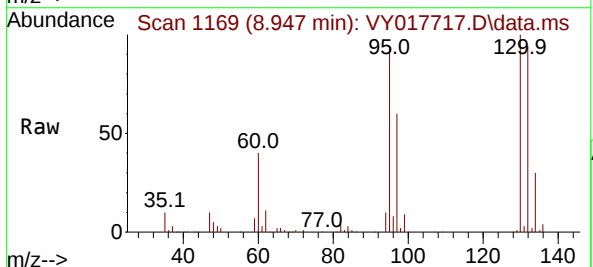
Tgt Ion: 43 Resp: 72194
Ion Ratio Lower Upper
43 100
61 35.1 27.9 41.9
87 16.9 13.1 19.7

Manual Integrations
APPROVED

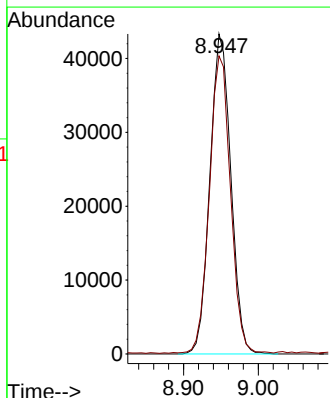
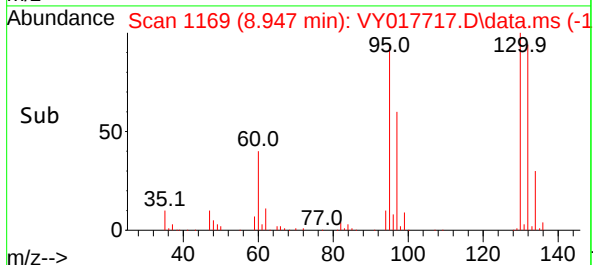
Reviewed By :Mahesh Dadoda 03/20/2024
Supervised By :Semsettin Yesilyurt 03/20/2024

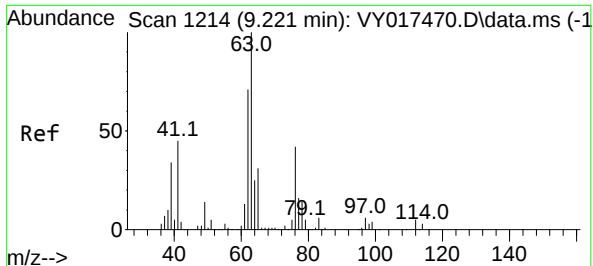


#44
Trichloroethene
Concen: 46.626 ug/l
RT: 8.947 min Scan# 1169
Delta R.T. 0.006 min
Lab File: VY017717.D
Acq: 19 Mar 2024 19:16



Tgt Ion:130 Resp: 84547
Ion Ratio Lower Upper
130 100
95 92.8 0.0 188.0





#45

1,2-Dichloropropane

Concen: 47.848 ug/l

RT: 9.228 min Scan# 1215

Delta R.T. 0.006 min

Lab File: VY017717.D

Acq: 19 Mar 2024 19:16

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 7161

Ion Ratio Lower Upper

63 100

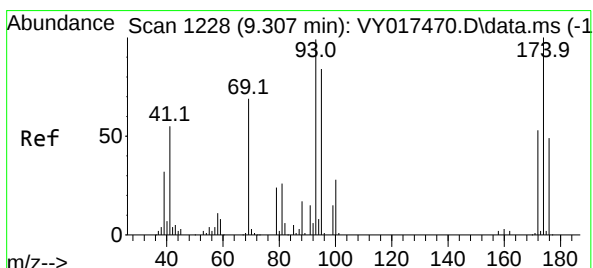
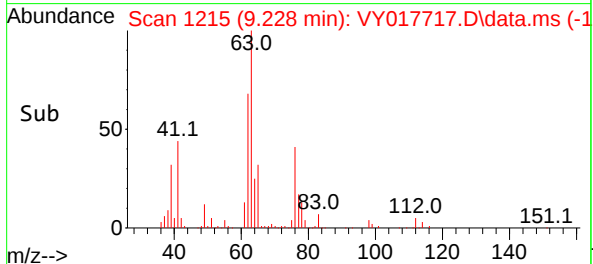
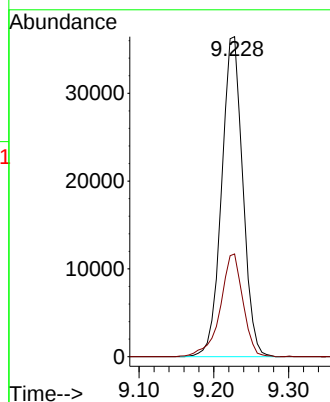
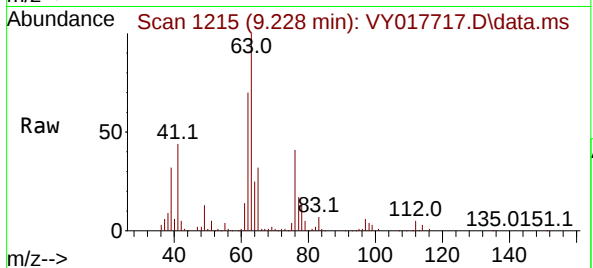
65 32.1 25.4 38.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/20/2024

Supervised By :Semsettin Yesilyurt 03/20/2024



#46

Dibromomethane

Concen: 50.141 ug/l

RT: 9.313 min Scan# 1229

Delta R.T. 0.006 min

Lab File: VY017717.D

Acq: 19 Mar 2024 19:16

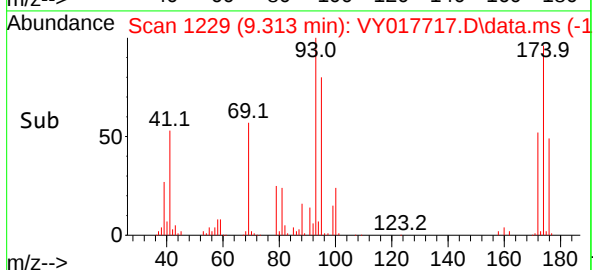
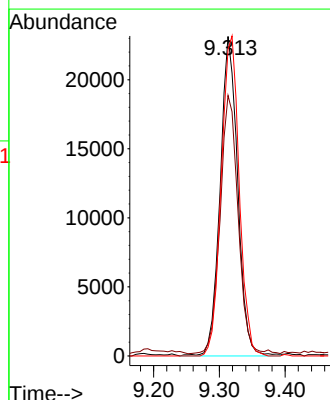
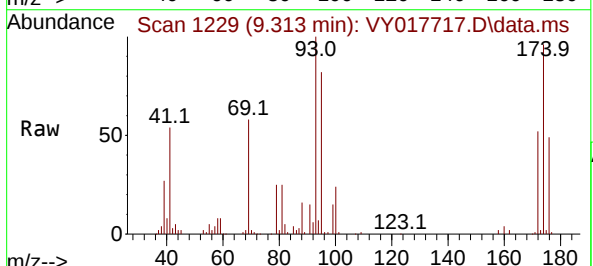
Tgt Ion: 93 Resp: 42951

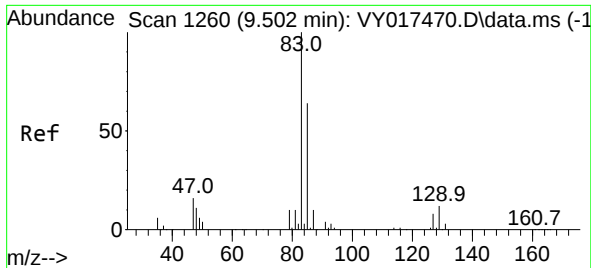
Ion Ratio Lower Upper

93 100

95 82.4 66.2 99.4

174 102.6 80.9 121.3





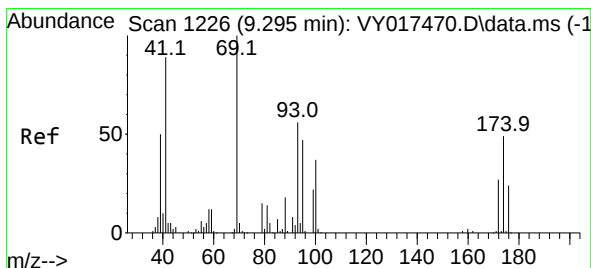
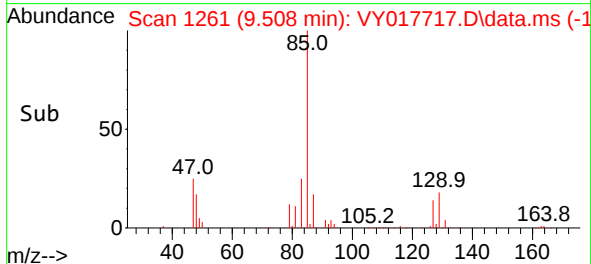
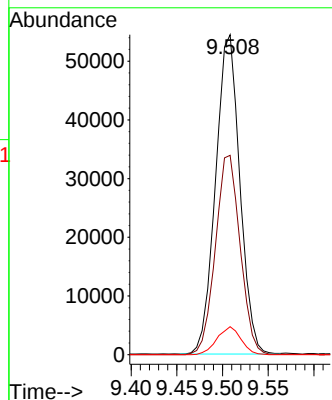
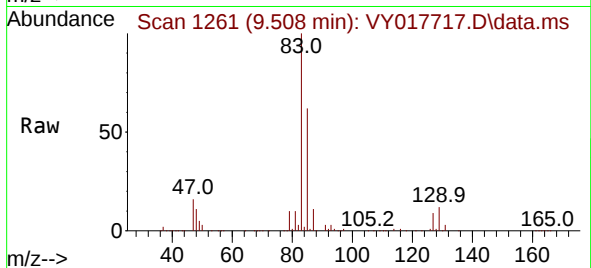
#47
Bromodichloromethane
Concen: 48.278 ug/l
RT: 9.508 min Scan# 1261
Delta R.T. 0.006 min
Lab File: VY017717.D
Acq: 19 Mar 2024 19:16

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 100412
Ion Ratio Lower Upper
83 100
85 62.4 50.1 75.1
127 8.8 7.4 11.0

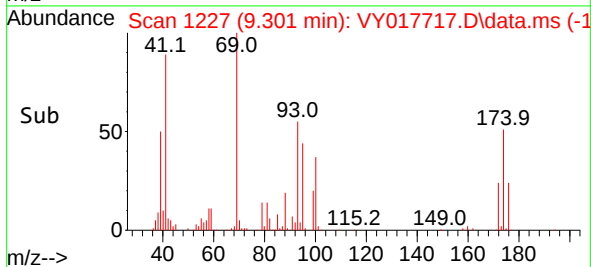
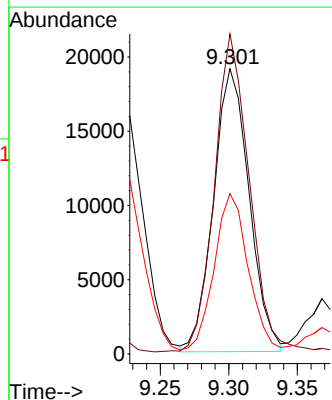
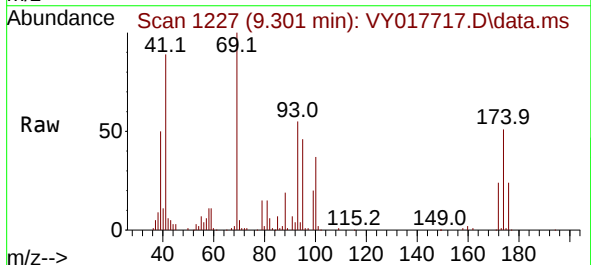
Manual Integrations
APPROVED

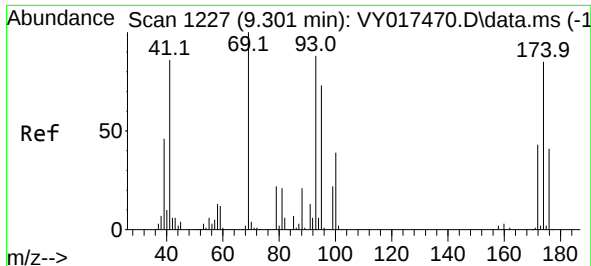
Reviewed By :Mahesh Dadoda 03/20/2024
Supervised By :Semsettin Yesilyurt 03/20/2024



#48
Methyl methacrylate
Concen: 50.642 ug/l
RT: 9.301 min Scan# 1227
Delta R.T. 0.006 min
Lab File: VY017717.D
Acq: 19 Mar 2024 19:16

Tgt Ion: 41 Resp: 34465
Ion Ratio Lower Upper
41 100
69 110.7 84.1 126.1
39 52.3 43.6 65.4





#49

1,4-Dioxane

Concen: 968.926 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. 0.006 min

Lab File: VY017717.D

Acq: 19 Mar 2024 19:16

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

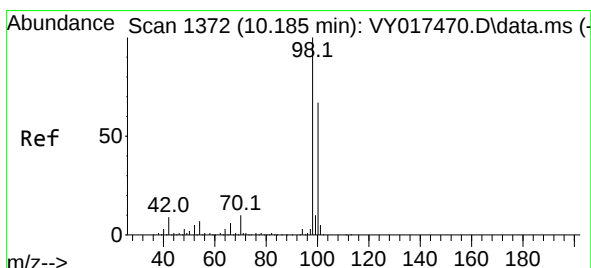
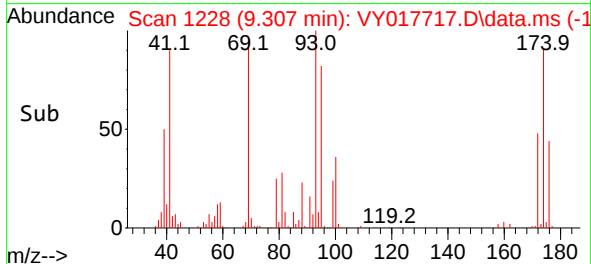
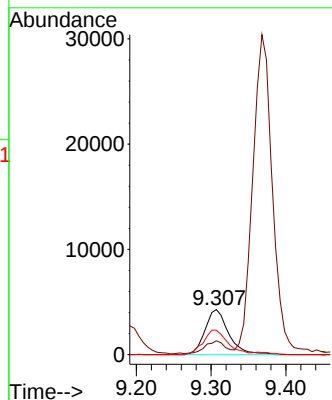
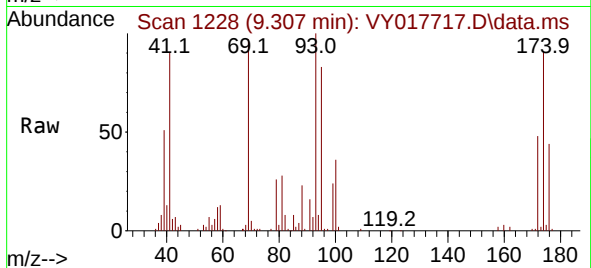
Tgt Ion: 88 Resp: 939

Ion	Ratio	Lower	Upper
88	100		
43	26.8	0.0	0.0
58	56.9	49.3	73.9

Manual Integrations

APPROVED

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



#50

Toluene-d8

Concen: 47.929 ug/l

RT: 10.191 min Scan# 1373

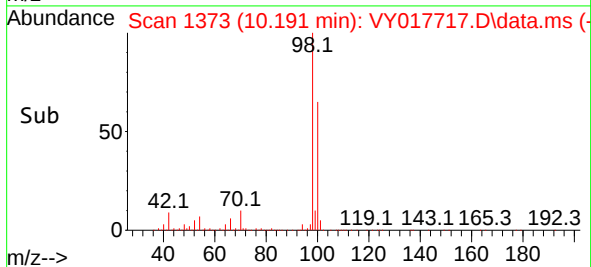
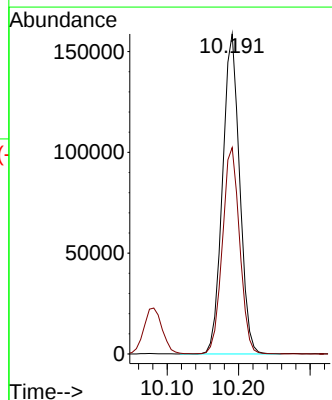
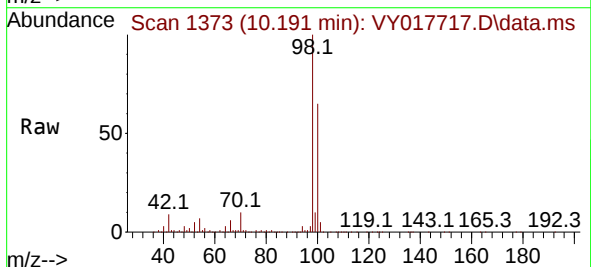
Delta R.T. 0.006 min

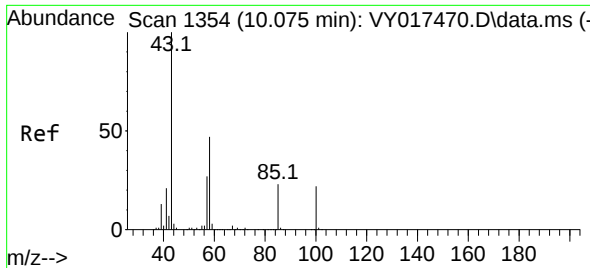
Lab File: VY017717.D

Acq: 19 Mar 2024 19:16

Tgt Ion: 98 Resp: 263115

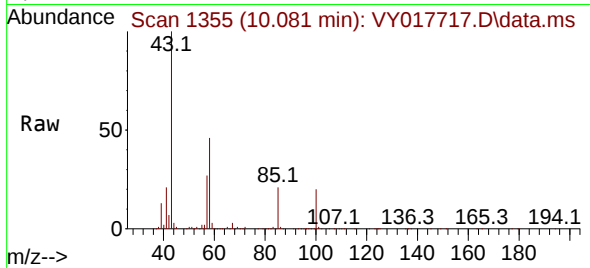
Ion	Ratio	Lower	Upper
98	100		
100	65.1	52.0	78.0





#51
4-Methyl-2-Pentanone
Concen: 251.692 ug/l
RT: 10.081 min Scan# 1355
Delta R.T. 0.006 min
Lab File: VY017717.D
Acq: 19 Mar 2024 19:16

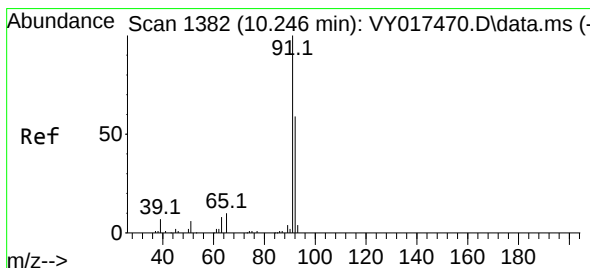
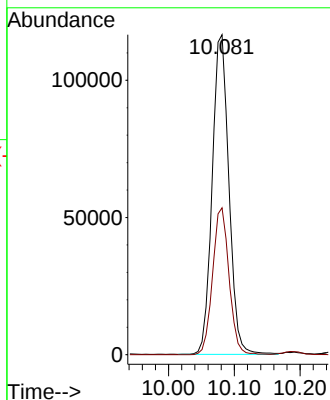
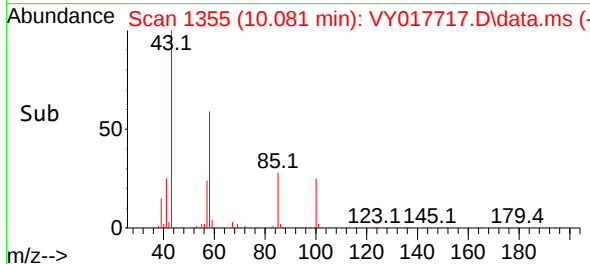
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



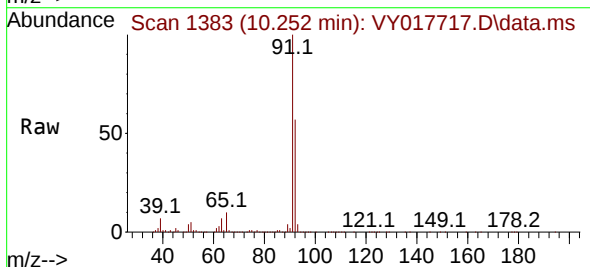
Tgt Ion: 43 Resp: 206240
Ion Ratio Lower Upper
43 100
58 45.2 35.7 53.5

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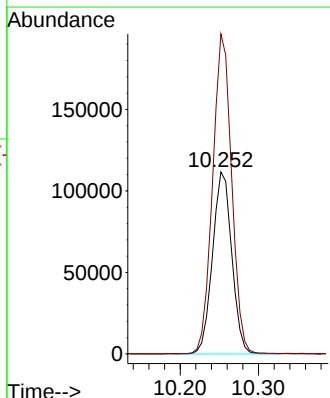
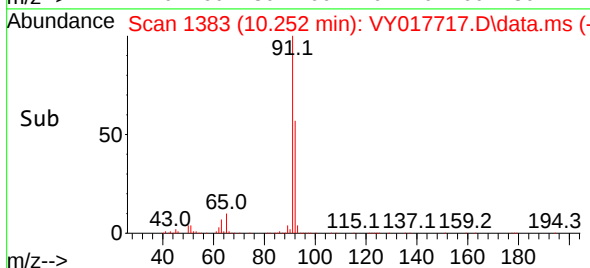
Reviewed By :Mahesh Dadoda 03/20/2024
Supervised By :Semsettin Yesilyurt 03/20/2024

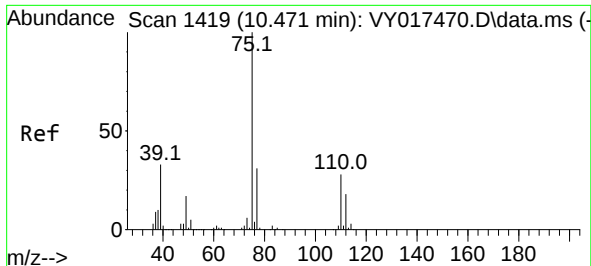


#52
Toluene
Concen: 48.095 ug/l
RT: 10.252 min Scan# 1383
Delta R.T. 0.006 min
Lab File: VY017717.D
Acq: 19 Mar 2024 19:16



Tgt Ion: 92 Resp: 190746
Ion Ratio Lower Upper
92 100
91 173.6 139.0 208.6





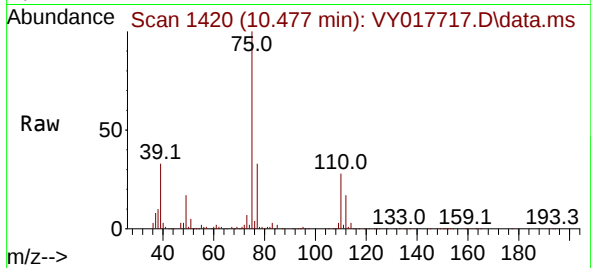
#53
t-1,3-Dichloropropene
Concen: 48.925 ug/l
RT: 10.477 min Scan# 1419
Delta R.T. 0.006 min
Lab File: VY017717.D
Acq: 19 Mar 2024 19:16

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

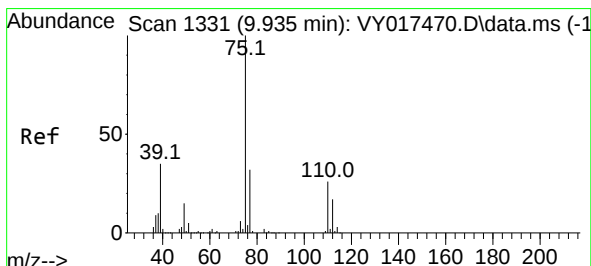
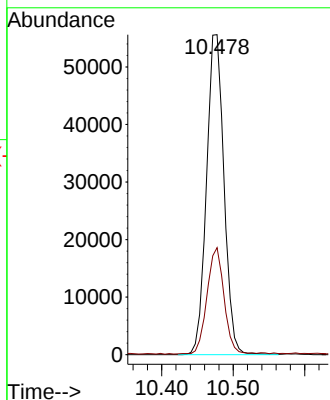
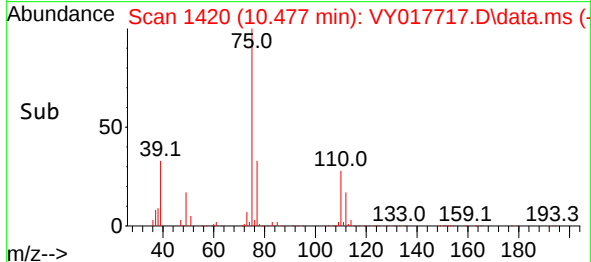


Tgt Ion: 75 Resp: 94450
Ion Ratio Lower Upper
75 100
77 33.2 24.1 36.1

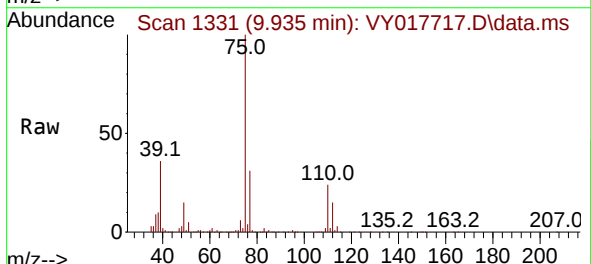
Manual Integrations

APPROVED

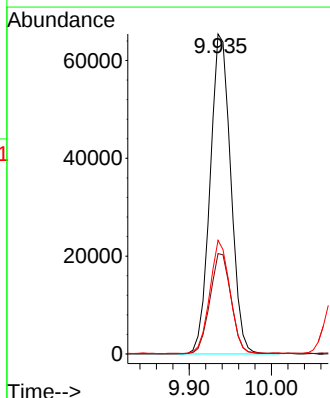
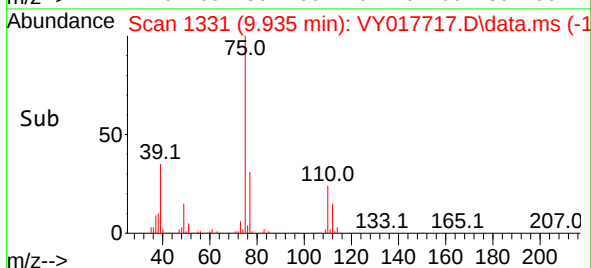
Reviewed By :Mahesh Dadoda 03/20/2024
Supervised By :Semsettin Yesilyurt 03/20/2024

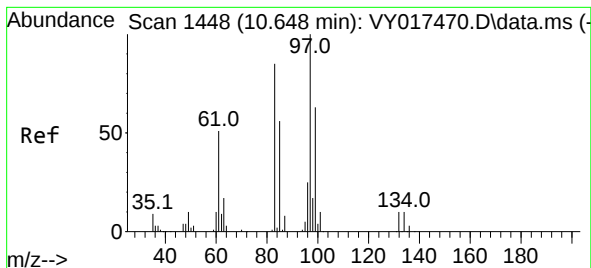


#54
cis-1,3-Dichloropropene
Concen: 48.681 ug/l
RT: 9.935 min Scan# 1331
Delta R.T. 0.000 min
Lab File: VY017717.D
Acq: 19 Mar 2024 19:16



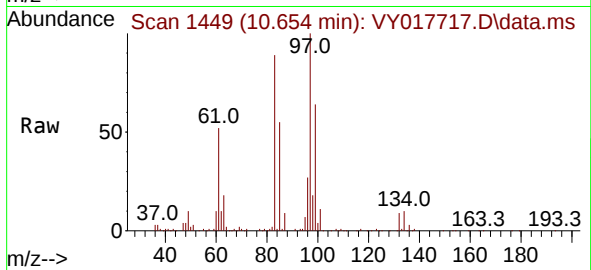
Tgt Ion: 75 Resp: 114193
Ion Ratio Lower Upper
75 100
77 31.2 25.4 38.0
39 35.3 29.8 44.6





#55
1,1,2-Trichloroethane
Concen: 47.752 ug/l
RT: 10.654 min Scan# 1449
Delta R.T. 0.006 min
Lab File: VY017717.D
Acq: 19 Mar 2024 19:16

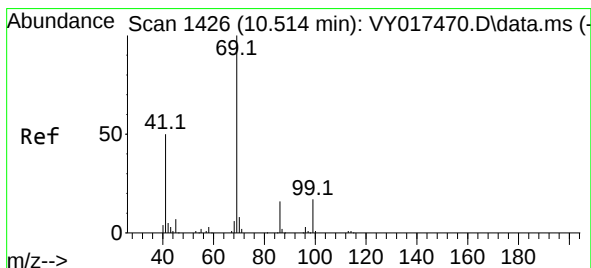
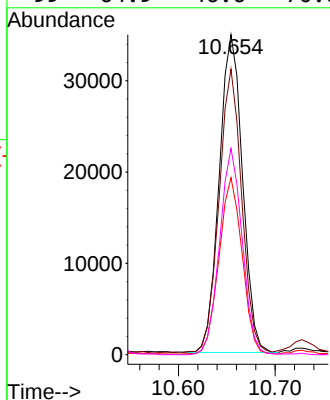
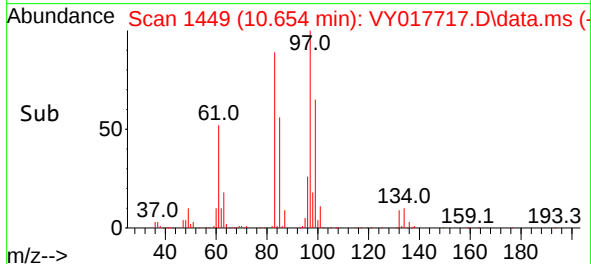
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion	Ratio	Lower	Upper
97	100		
83	89.1	67.5	101.3
85	55.5	42.9	64.3
99	64.9	46.6	70.0

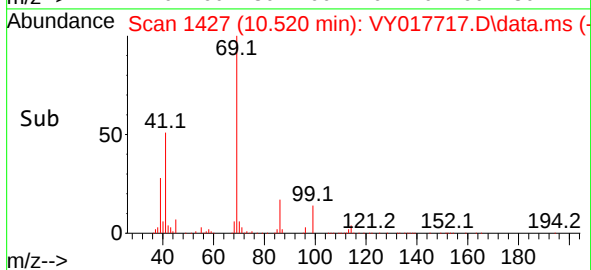
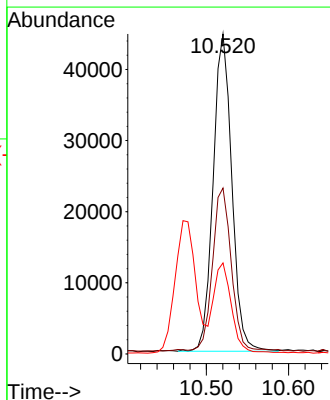
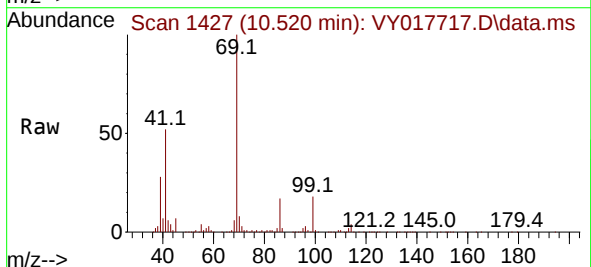
Manual Integrations
APPROVED

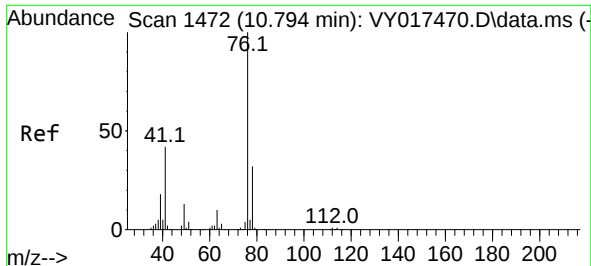
Reviewed By :Mahesh Dadoda 03/20/2024
Supervised By :Semsettin Yesilyurt 03/20/2024



#56
Ethyl methacrylate
Concen: 47.275 ug/l
RT: 10.520 min Scan# 1427
Delta R.T. 0.006 min
Lab File: VY017717.D
Acq: 19 Mar 2024 19:16

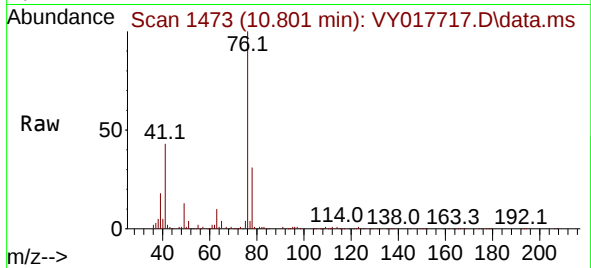
Tgt Ion	Ratio	Lower	Upper
69	100		
41	52.2	42.3	63.5
39	26.9	22.9	34.3





#57
1,3-Dichloropropane
Concen: 49.284 ug/l
RT: 10.801 min Scan# 1473
Delta R.T. 0.006 min
Lab File: VY017717.D
Acq: 19 Mar 2024 19:16

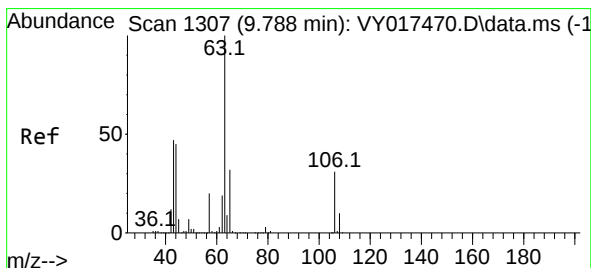
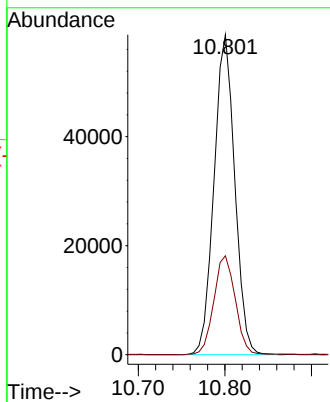
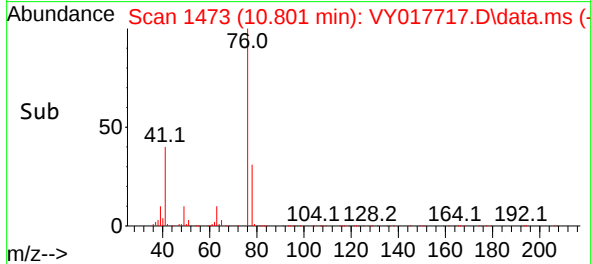
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 76 Resp: 9745
Ion Ratio Lower Upper
76 100
78 32.0 26.2 39.4

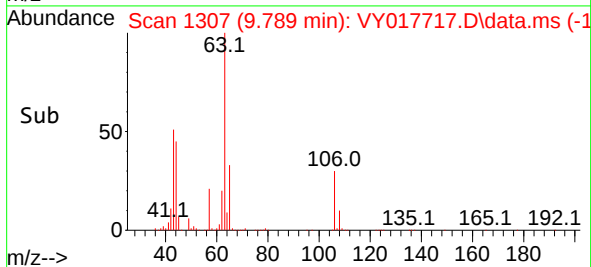
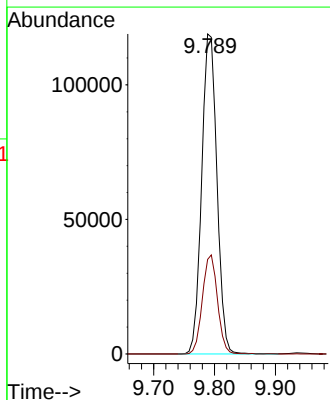
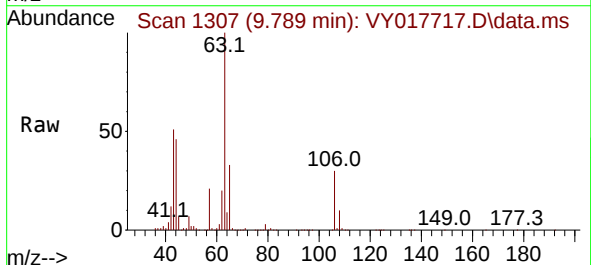
Manual Integrations
APPROVED

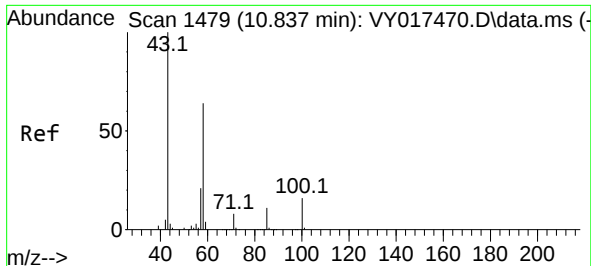
Reviewed By :Mahesh Dadoda 03/20/2024
Supervised By :Semsettin Yesilyurt 03/20/2024



#58
2-Chloroethyl Vinyl ether
Concen: 295.056 ug/l
RT: 9.789 min Scan# 1307
Delta R.T. 0.000 min
Lab File: VY017717.D
Acq: 19 Mar 2024 19:16

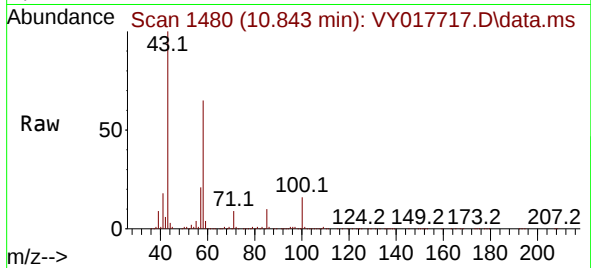
Tgt Ion: 63 Resp: 207074
Ion Ratio Lower Upper
63 100
106 30.5 23.7 35.5





#59
2-Hexanone
Concen: 250.025 ug/l
RT: 10.843 min Scan# 1479
Delta R.T. 0.006 min
Lab File: VY017717.D
Acq: 19 Mar 2024 19:16

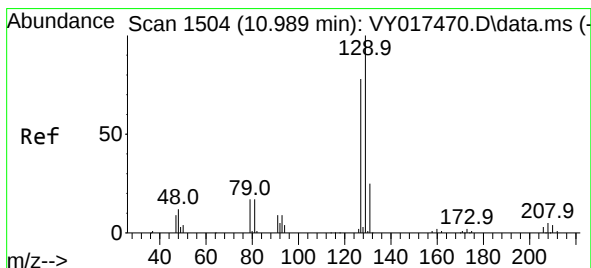
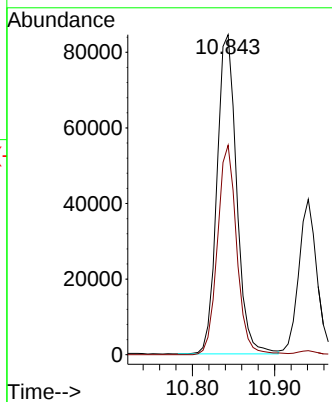
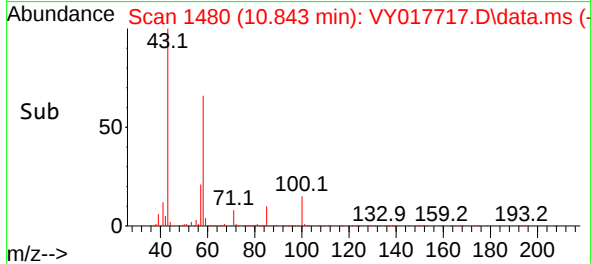
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 140728
Ion Ratio Lower Upper
43 100
58 64.1 31.4 94.0

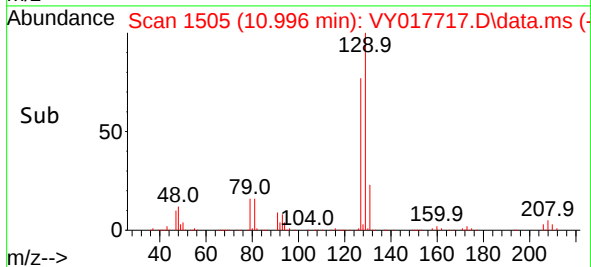
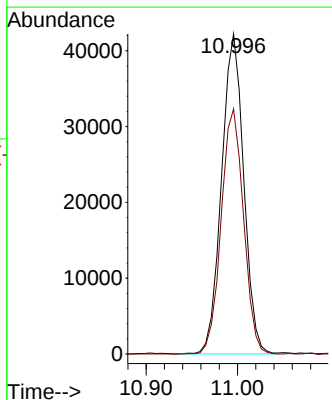
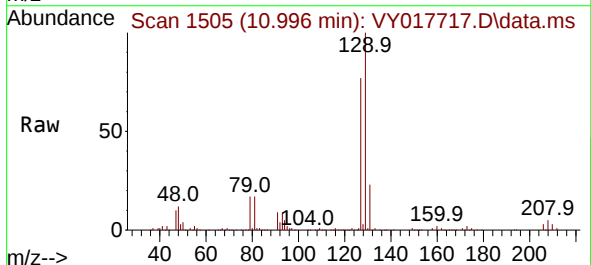
Manual Integrations
APPROVED

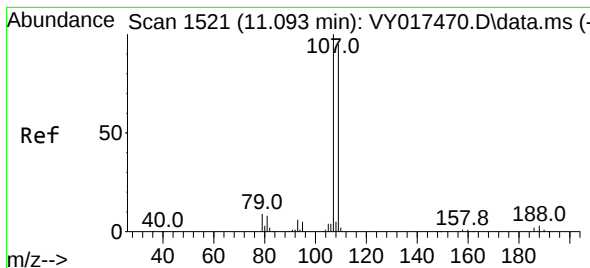
Reviewed By :Mahesh Dadoda 03/20/2024
Supervised By :Semsettin Yesilyurt 03/20/2024



#60
Dibromochloromethane
Concen: 49.512 ug/l
RT: 10.996 min Scan# 1505
Delta R.T. 0.006 min
Lab File: VY017717.D
Acq: 19 Mar 2024 19:16

Tgt Ion:129 Resp: 71237
Ion Ratio Lower Upper
129 100
127 77.0 39.0 117.0





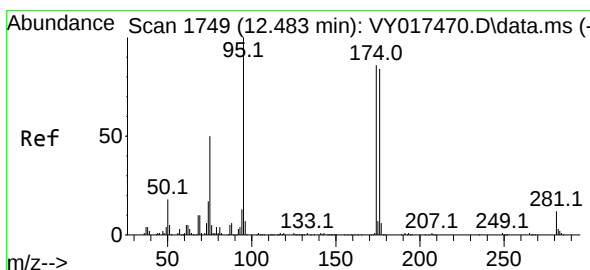
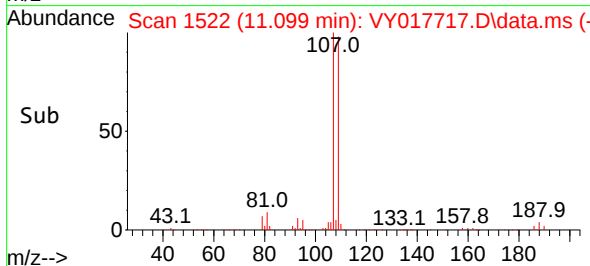
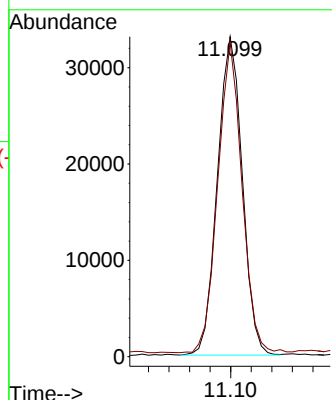
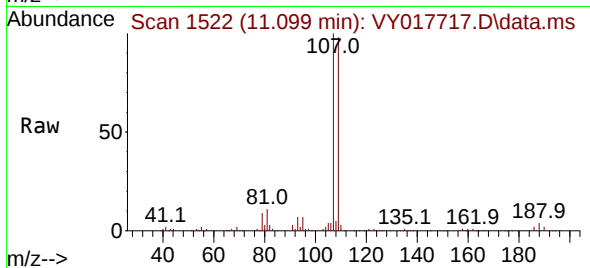
#61
1,2-Dibromoethane
Concen: 49.504 ug/l
RT: 11.099 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY017717.D
Acq: 19 Mar 2024 19:16

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:107 Resp: 5548
Ion Ratio Lower Upper
107 100
109 94.5 75.9 113.9

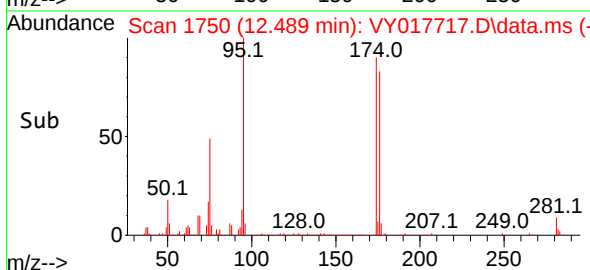
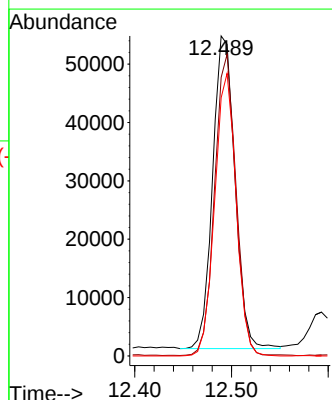
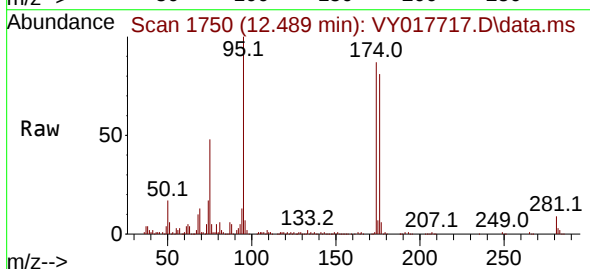
Manual Integrations
APPROVED

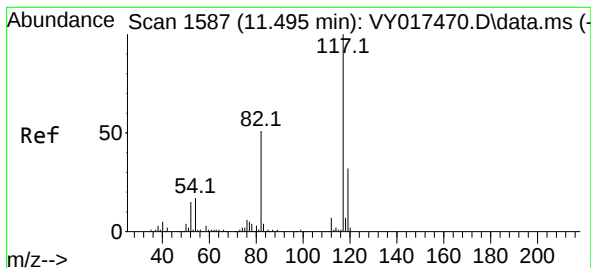
Reviewed By :Mahesh Dadoda 03/20/2024
Supervised By :Semsettin Yesilyurt 03/20/2024



#62
4-Bromofluorobenzene
Concen: 49.718 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VY017717.D
Acq: 19 Mar 2024 19:16

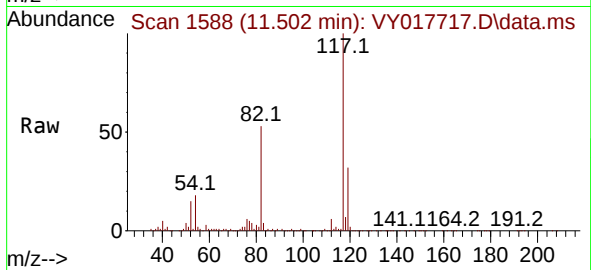
Tgt Ion: 95 Resp: 85777
Ion Ratio Lower Upper
95 100
174 92.4 0.0 175.6
176 86.8 0.0 171.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 11588
Delta R.T. 0.006 min
Lab File: VY017717.D
Acq: 19 Mar 2024 19:16

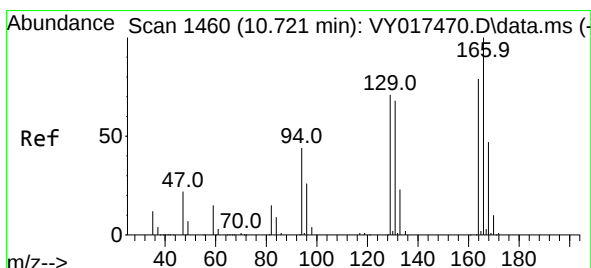
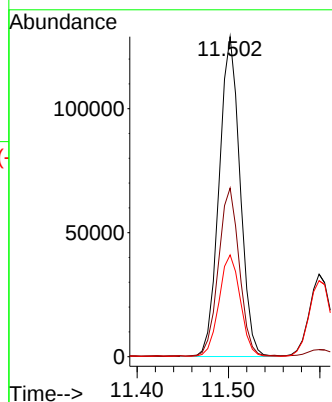
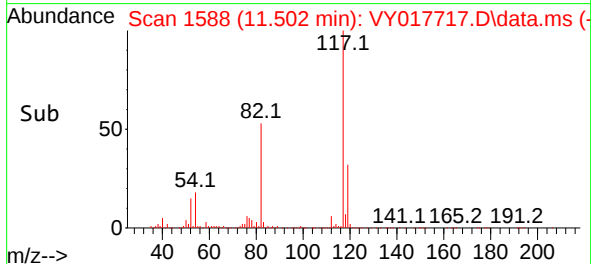
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



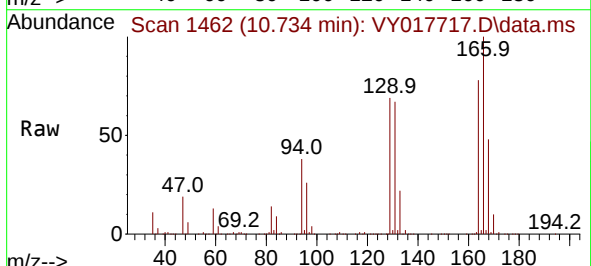
Tgt Ion:117 Resp: 205227
Ion Ratio Lower Upper
117 100
82 52.5 42.4 63.6
119 31.7 25.9 38.9

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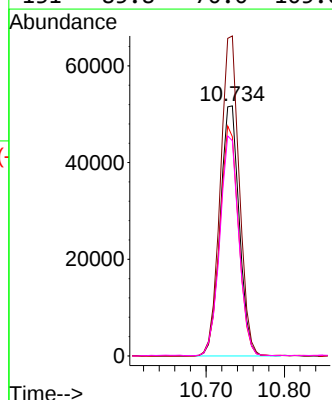
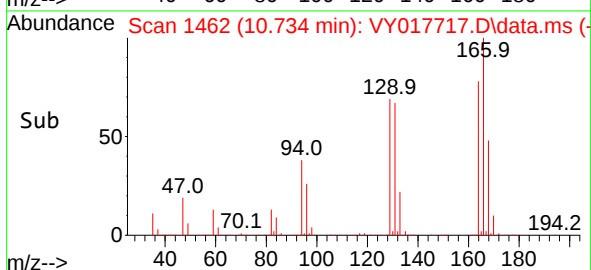
Reviewed By :Mahesh Dadoda 03/20/2024
Supervised By :Semsettin Yesilyurt 03/20/2024

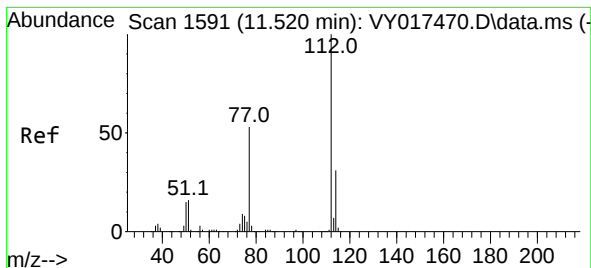


#64
Tetrachloroethene
Concen: 44.436 ug/l
RT: 10.734 min Scan# 1462
Delta R.T. 0.012 min
Lab File: VY017717.D
Acq: 19 Mar 2024 19:16



Tgt Ion:164 Resp: 87530
Ion Ratio Lower Upper
164 100
166 127.9 102.6 154.0
129 87.5 72.0 108.0
131 85.8 70.0 105.0





#65

Chlorobenzene

Concen: 46.939 ug/l

RT: 11.526 min Scan# 1591

Delta R.T. 0.006 min

Lab File: VY017717.D

Acq: 19 Mar 2024 19:16

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion:112 Resp: 204469

Ion Ratio Lower Upper

112 100

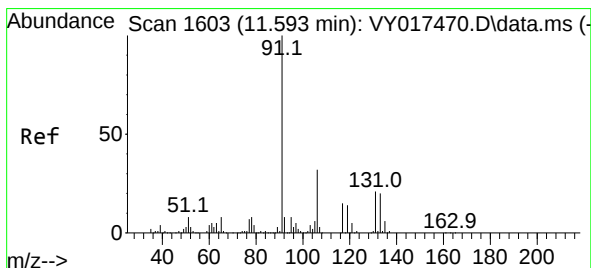
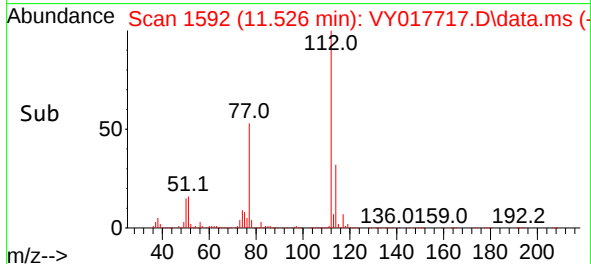
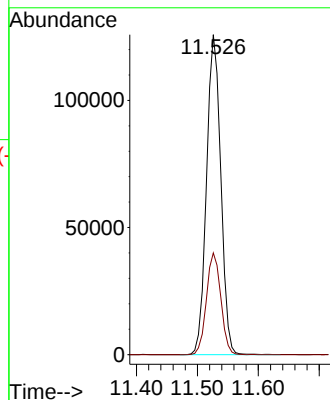
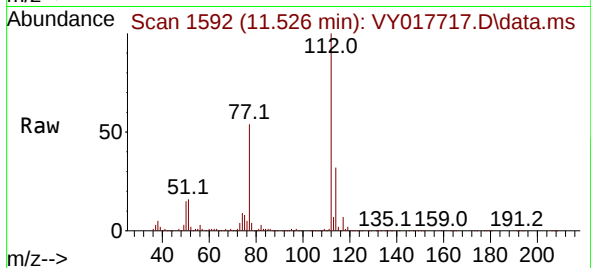
114 31.8 26.4 39.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/20/2024

Supervised By :Semsettin Yesilyurt 03/20/2024



#66

1,1,1,2-Tetrachloroethane

Concen: 46.038 ug/l

RT: 11.599 min Scan# 1604

Delta R.T. 0.006 min

Lab File: VY017717.D

Acq: 19 Mar 2024 19:16

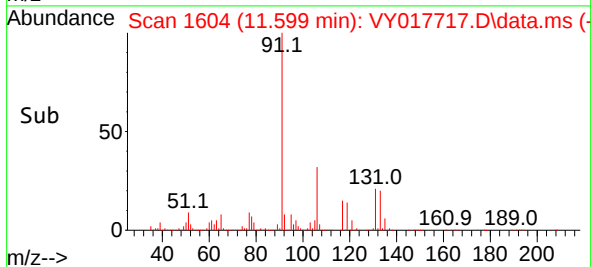
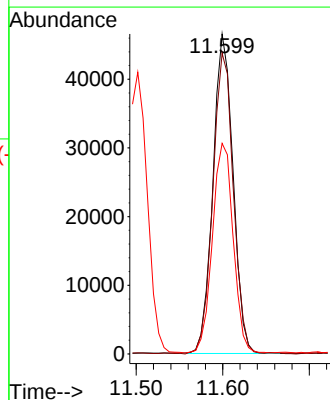
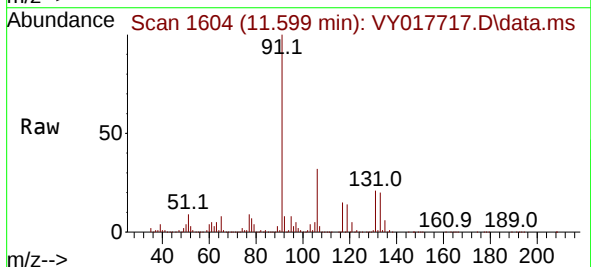
Tgt Ion:131 Resp: 75131

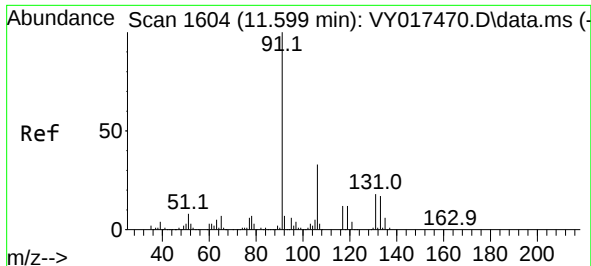
Ion Ratio Lower Upper

131 100

133 96.0 47.8 143.3

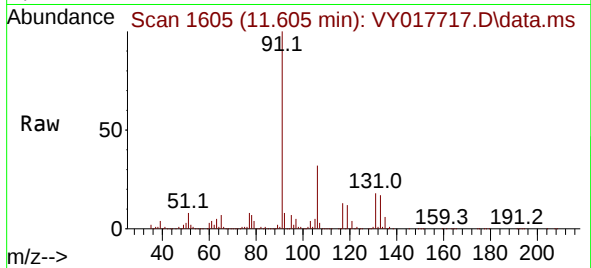
119 67.7 34.1 102.2





#67
Ethyl Benzene
Concen: 47.831 ug/l
RT: 11.605 min Scan# 1605
Delta R.T. 0.006 min
Lab File: VY017717.D
Acq: 19 Mar 2024 19:16

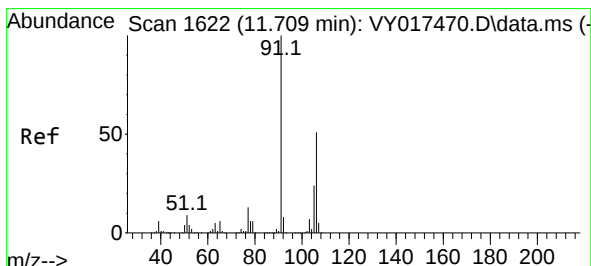
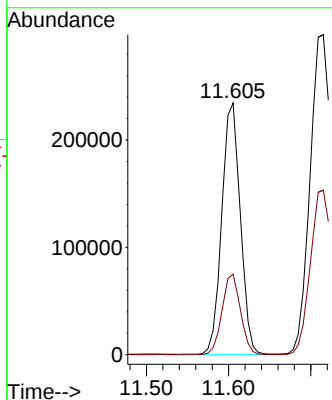
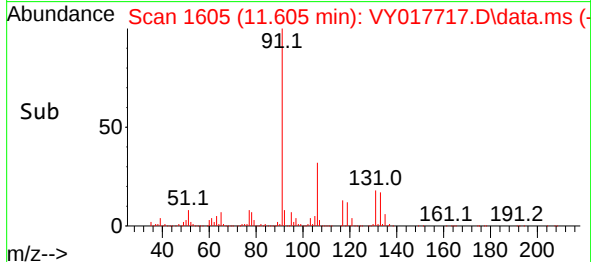
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 365408
Ion Ratio Lower Upper
91 100
106 32.0 24.5 36.7

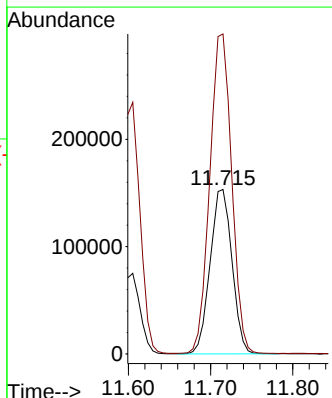
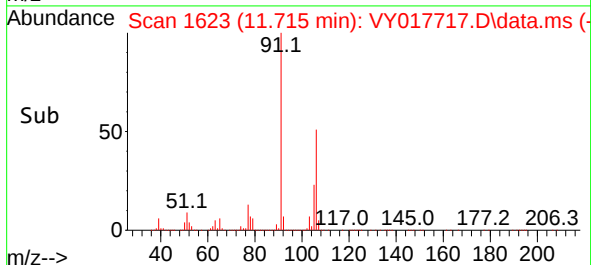
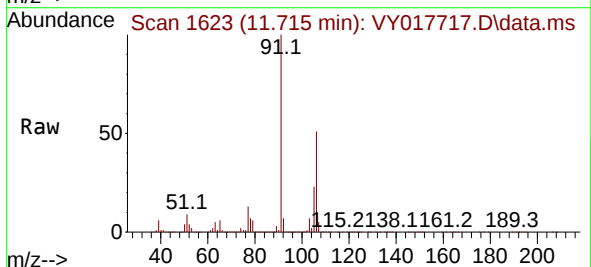
Manual Integrations
APPROVED

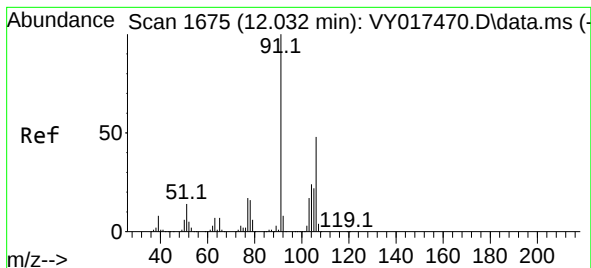
Reviewed By :Mahesh Dadoda 03/20/2024
Supervised By :Semsettin Yesilyurt 03/20/2024



#68
m/p-Xylenes
Concen: 94.296 ug/l
RT: 11.715 min Scan# 1623
Delta R.T. 0.006 min
Lab File: VY017717.D
Acq: 19 Mar 2024 19:16

Tgt Ion:106 Resp: 283063
Ion Ratio Lower Upper
106 100
91 194.4 156.0 234.0





#69

o-Xylene

Concen: 48.960 ug/l

RT: 12.038 min Scan# 1675

Delta R.T. 0.006 min

Lab File: VY017717.D

Acq: 19 Mar 2024 19:16

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion:106 Resp: 136352

Ion Ratio Lower Upper

106 100

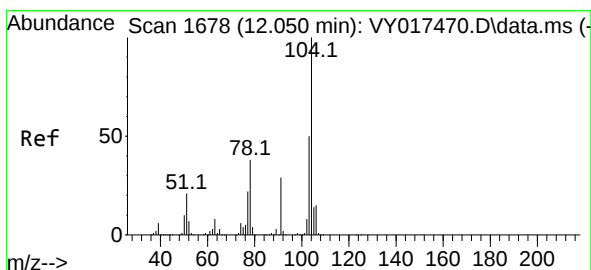
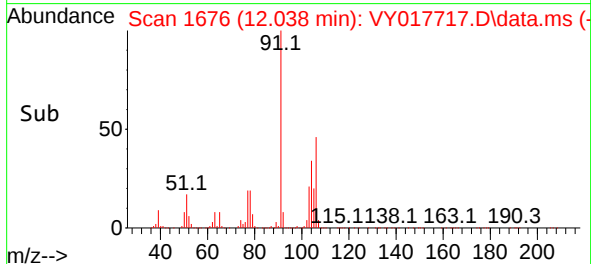
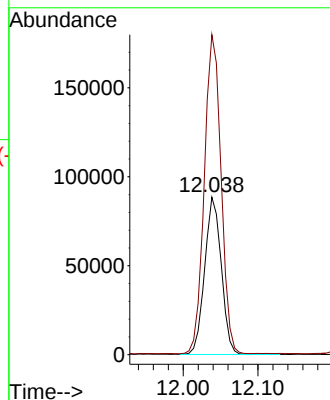
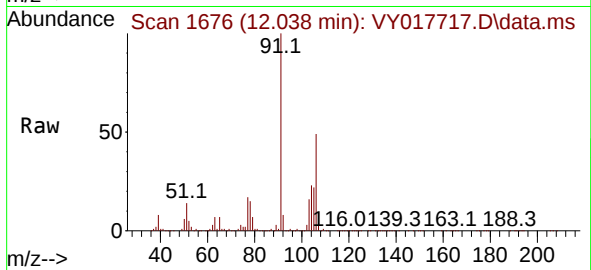
91 205.0 103.6 310.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/20/2024

Supervised By :Semsettin Yesilyurt 03/20/2024



#70

Styrene

Concen: 48.841 ug/l

RT: 12.057 min Scan# 1679

Delta R.T. 0.006 min

Lab File: VY017717.D

Acq: 19 Mar 2024 19:16

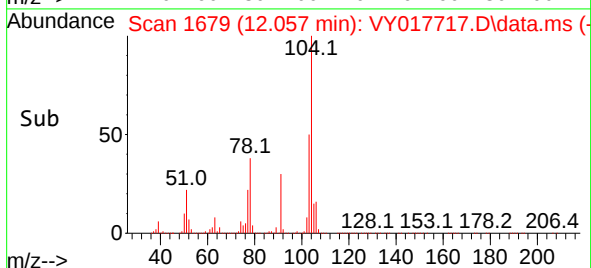
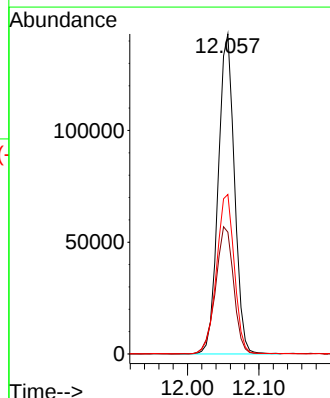
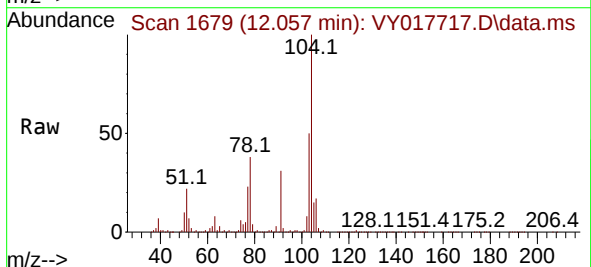
Tgt Ion:104 Resp: 225777

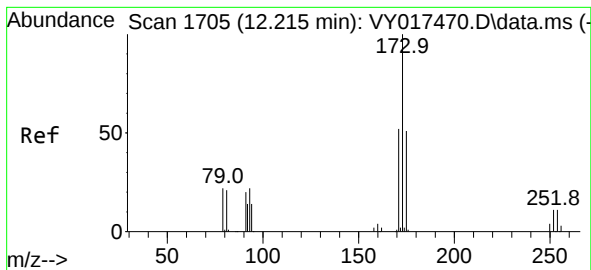
Ion Ratio Lower Upper

104 100

78 44.3 37.0 55.4

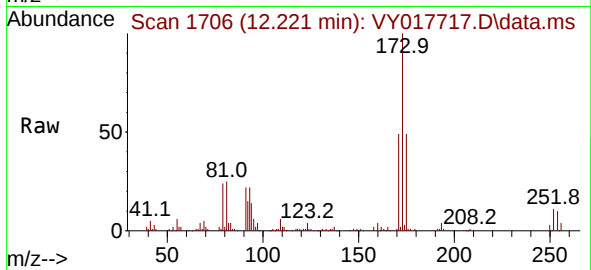
103 54.7 44.2 66.2





#71
Bromoform
Concen: 47.781 ug/l
RT: 12.221 min Scan# 1705
Delta R.T. 0.006 min
Lab File: VY017717.D
Acq: 19 Mar 2024 19:16

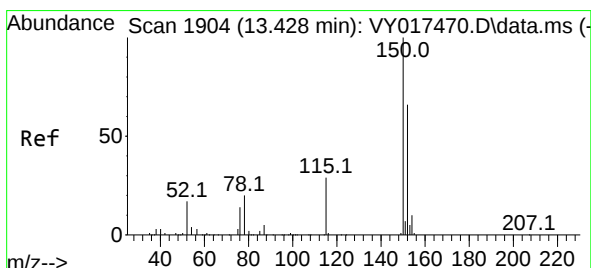
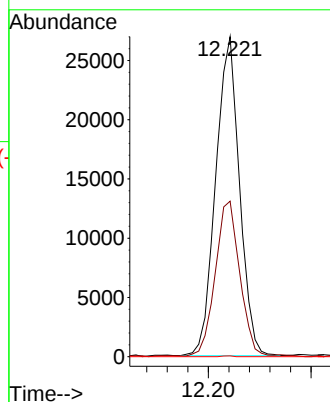
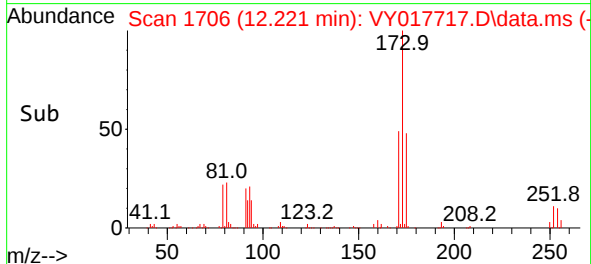
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion:173 Resp: 43210
Ion Ratio Lower Upper
173 100
175 49.8 25.1 75.3
254 0.1 0.0 0.0

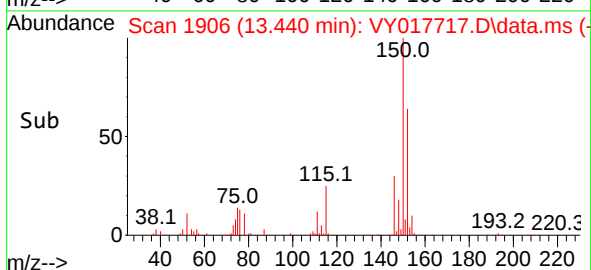
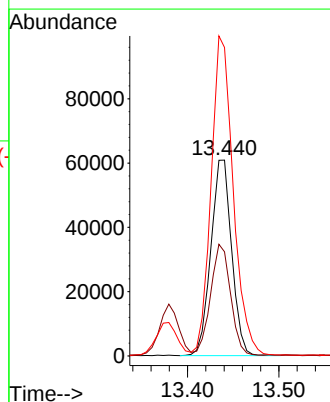
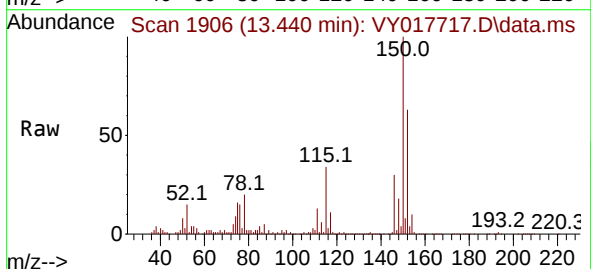
Manual Integrations
APPROVED

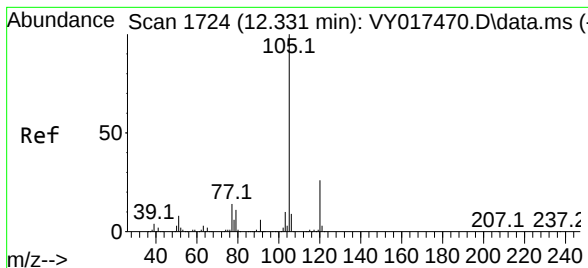
Reviewed By :Mahesh Dadoda 03/20/2024
Supervised By :Semsettin Yesilyurt 03/20/2024



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.440 min Scan# 1906
Delta R.T. 0.012 min
Lab File: VY017717.D
Acq: 19 Mar 2024 19:16

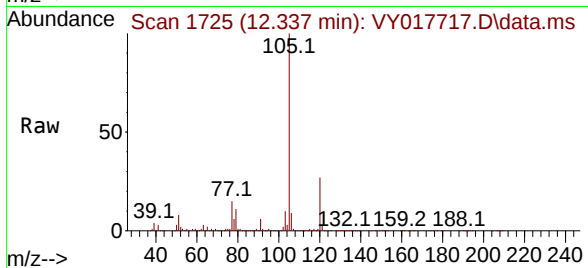
Tgt Ion:152 Resp: 96144
Ion Ratio Lower Upper
152 100
115 54.6 28.2 84.7
150 173.6 0.0 345.6





#73
Isopropylbenzene
Concen: 48.802 ug/l
RT: 12.337 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY017717.D
Acq: 19 Mar 2024 19:16

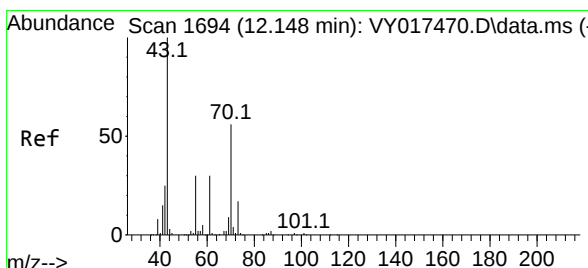
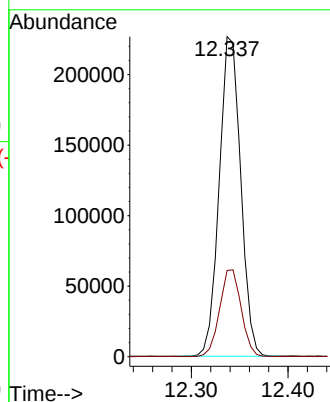
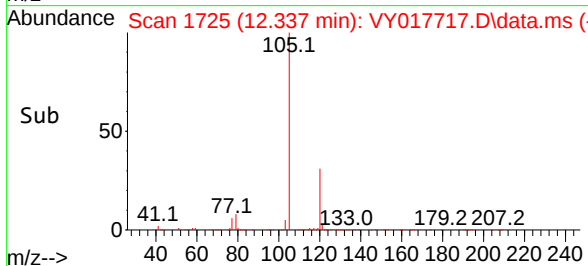
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



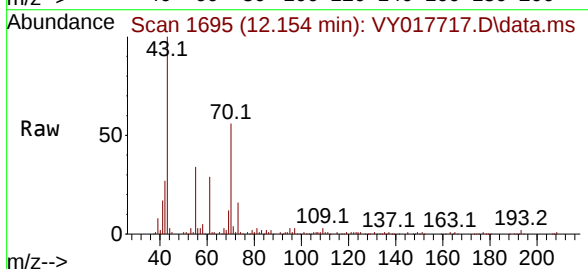
Tgt Ion:105 Resp: 348584
Ion Ratio Lower Upper
105 100
120 27.3 13.4 40.1

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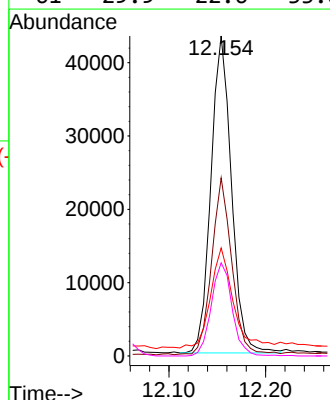
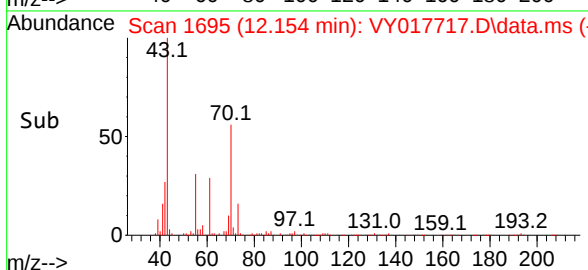
Reviewed By :Mahesh Dadoda 03/20/2024
Supervised By :Semsettin Yesilyurt 03/20/2024

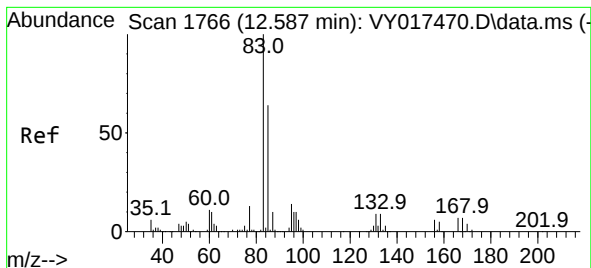


#74
N-ethyl acetate
Concen: 50.674 ug/l
RT: 12.154 min Scan# 1695
Delta R.T. 0.006 min
Lab File: VY017717.D
Acq: 19 Mar 2024 19:16



Tgt Ion: 43 Resp: 63839
Ion Ratio Lower Upper
43 100
70 54.7 41.4 62.2
55 35.6 23.3 34.9#
61 29.9 22.6 33.8





#75

1,1,2,2-Tetrachloroethane

Concen: 52.060 ug/l

RT: 12.593 min Scan# 1767

Delta R.T. 0.006 min

Lab File: VY017717.D

Acq: 19 Mar 2024 19:16

Instrument :

MSVOA_Y

ClientSampleId :

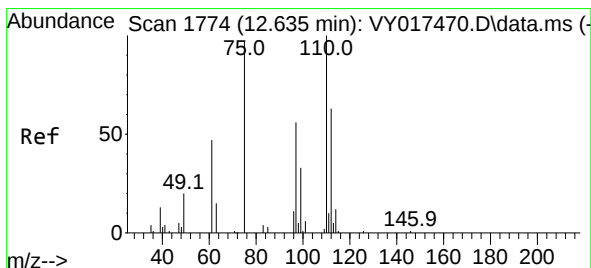
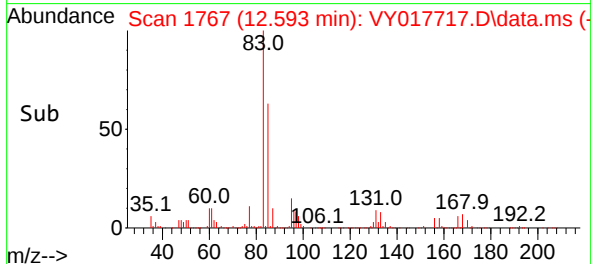
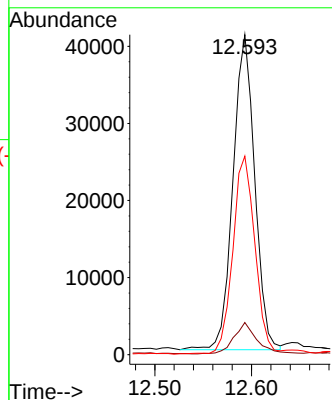
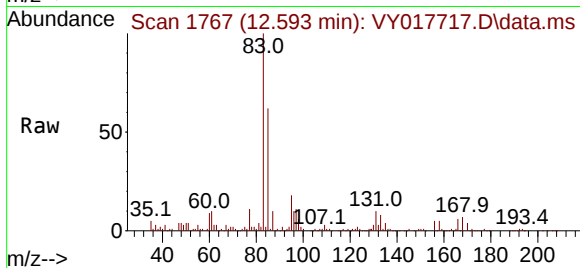
VSTDCCC050EC

Tgt Ion: 83 Resp: 63850
 Ion Ratio Lower Upper
 83 100
 131 10.5 5.0 14.9
 85 64.1 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: 47.873 ug/l m

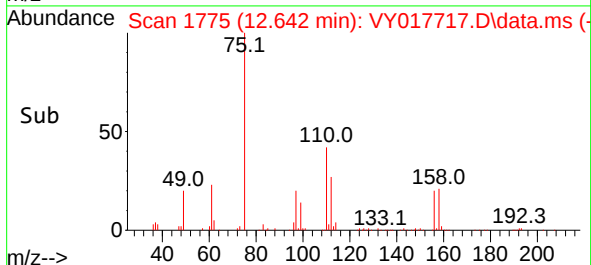
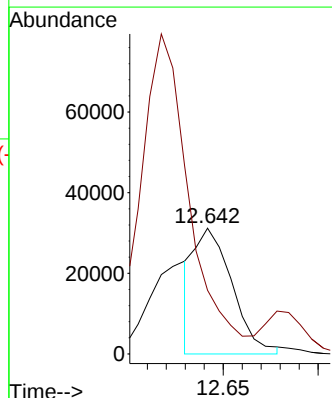
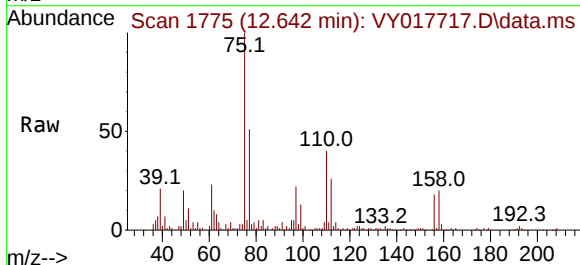
RT: 12.642 min Scan# 1775

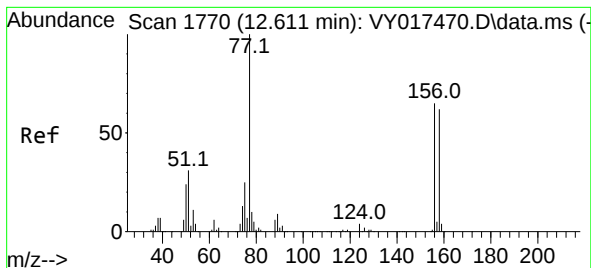
Delta R.T. 0.006 min

Lab File: VY017717.D

Acq: 19 Mar 2024 19:16

Tgt Ion: 75 Resp: 43733
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 47.693 ug/l

RT: 12.617 min Scan# 1771

Delta R.T. 0.006 min

Lab File: VY017717.D

Acq: 19 Mar 2024 19:16

Instrument :

MSVOA_Y

ClientSampleId :

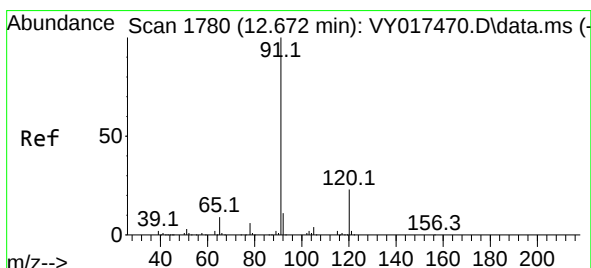
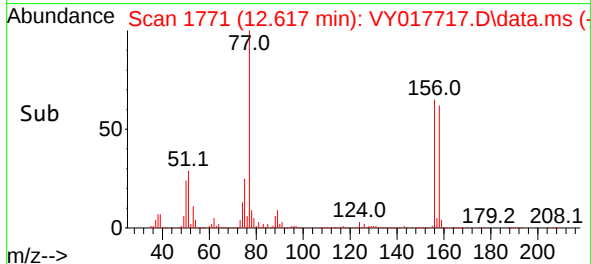
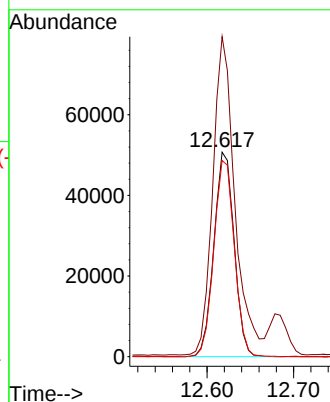
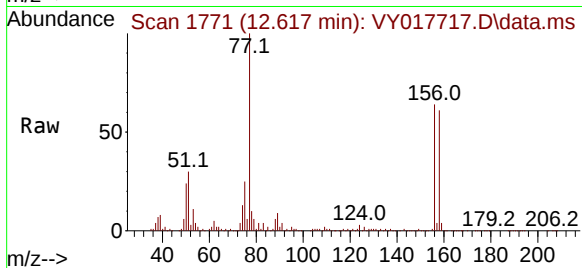
VSTDCCC050EC

Tgt Ion:	156	Resp:	82499
Ion Ratio	Lower	Upper	
156	100		
77	167.4	87.1	261.3
158	97.1	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: 48.579 ug/l

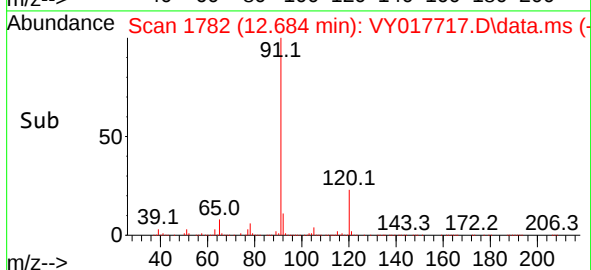
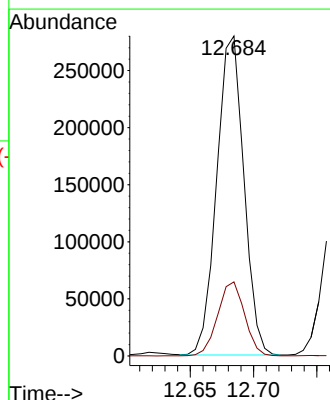
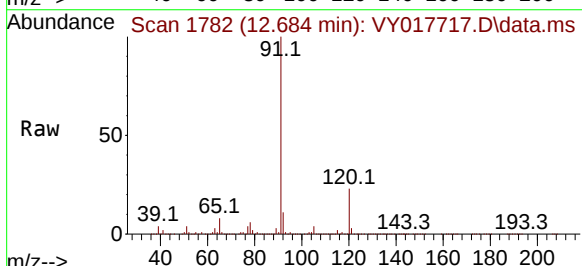
RT: 12.684 min Scan# 1782

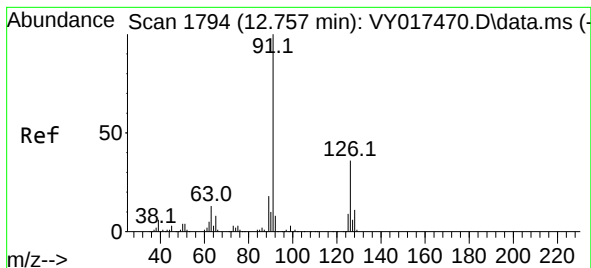
Delta R.T. 0.012 min

Lab File: VY017717.D

Acq: 19 Mar 2024 19:16

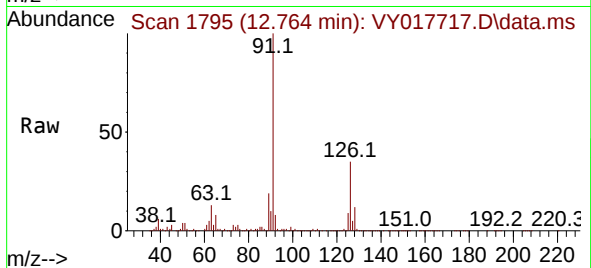
Tgt Ion:	91	Resp:	416358
Ion Ratio	Lower	Upper	
91	100		
120	23.1	11.5	34.4





#79
2-Chlorotoluene
Concen: 47.392 ug/l
RT: 12.764 min Scan# 1794
Delta R.T. 0.006 min
Lab File: VY017717.D
Acq: 19 Mar 2024 19:16

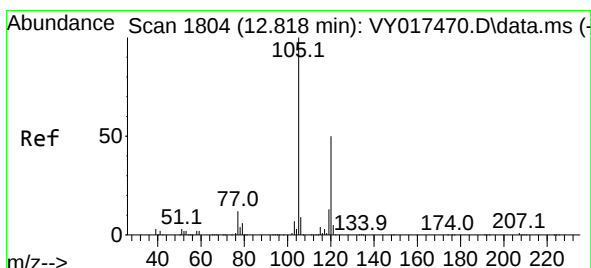
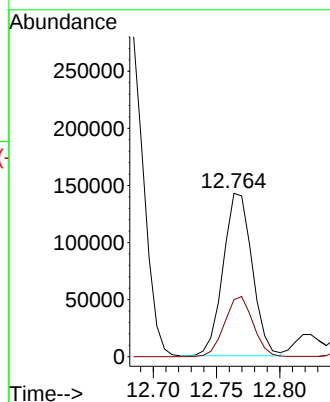
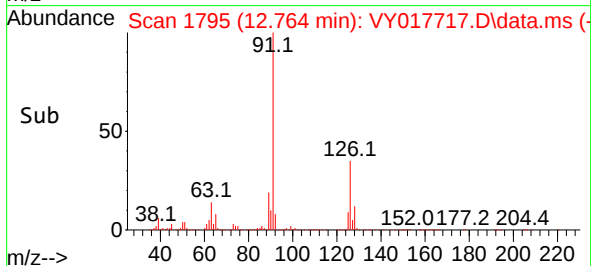
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



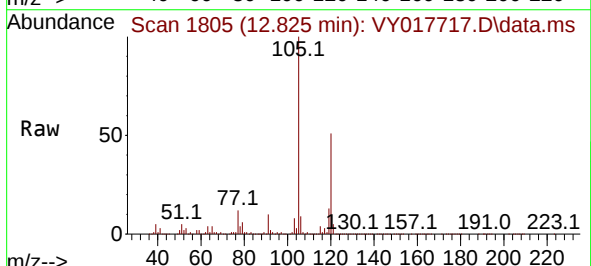
Tgt Ion: 91 Resp: 22741
Ion Ratio Lower Upper
91 100
126 36.4 17.8 53.5

Manual Integrations
APPROVED

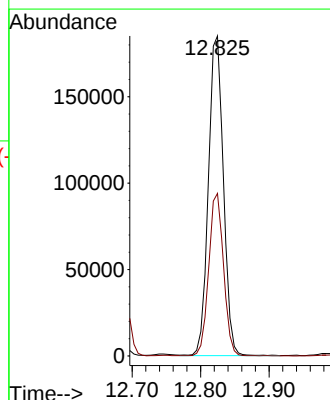
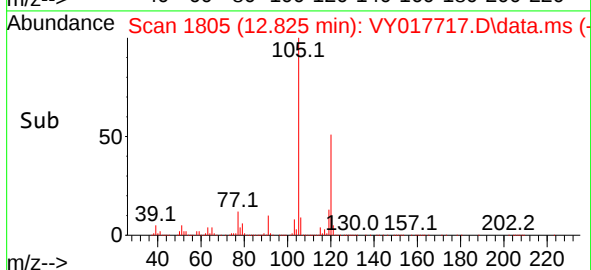
Reviewed By :Mahesh Dadoda 03/20/2024
Supervised By :Semsettin Yesilyurt 03/20/2024

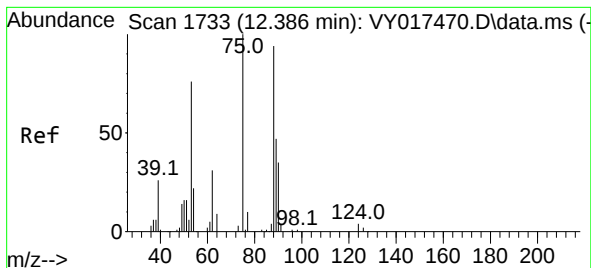


#80
1,3,5-Trimethylbenzene
Concen: 49.231 ug/l
RT: 12.825 min Scan# 1805
Delta R.T. 0.006 min
Lab File: VY017717.D
Acq: 19 Mar 2024 19:16



Tgt Ion:105 Resp: 281731
Ion Ratio Lower Upper
105 100
120 50.0 25.1 75.2





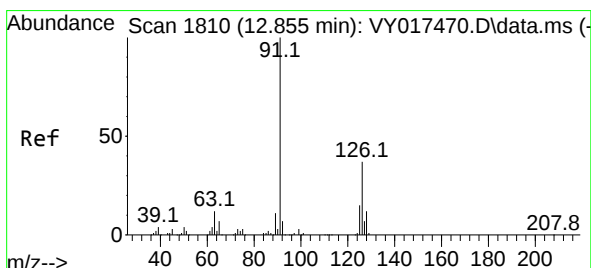
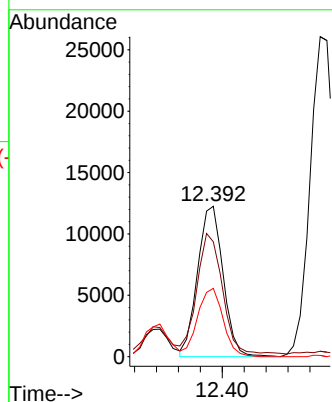
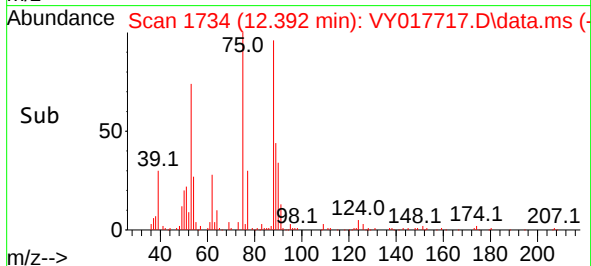
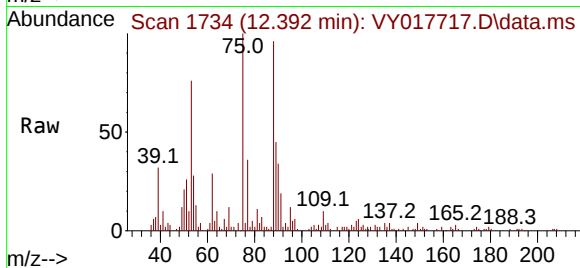
#81
trans-1,4-Dichloro-2-butene
Concen: 49.796 ug/l
RT: 12.392 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY017717.D
Acq: 19 Mar 2024 19:16

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 1979
Ion Ratio Lower Upper
75 100
53 79.4 66.8 100.2
89 45.5 35.8 53.6

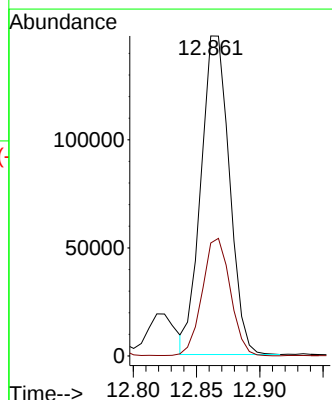
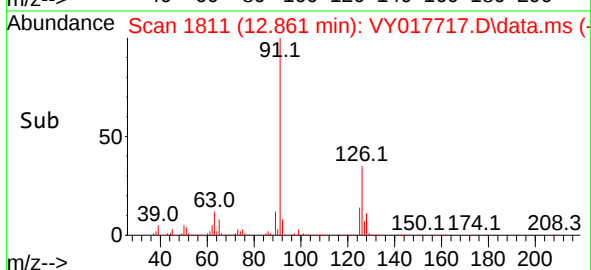
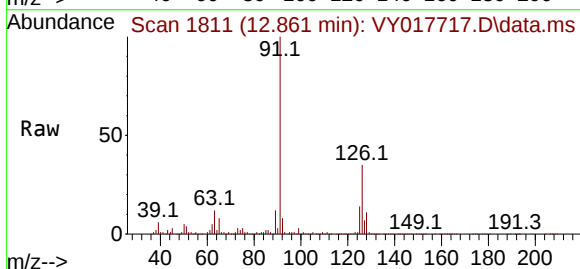
Manual Integrations
APPROVED

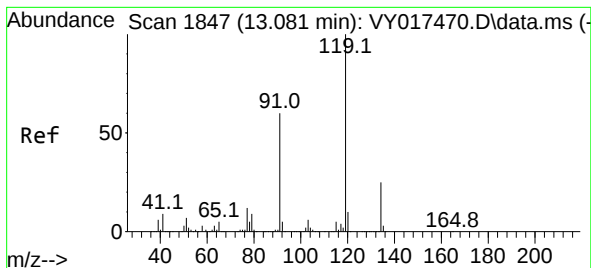
Reviewed By :Mahesh Dadoda 03/20/2024
Supervised By :Semsettin Yesilyurt 03/20/2024



#82
4-Chlorotoluene
Concen: 47.141 ug/l
RT: 12.861 min Scan# 1811
Delta R.T. 0.006 min
Lab File: VY017717.D
Acq: 19 Mar 2024 19:16

Tgt Ion: 91 Resp: 231368
Ion Ratio Lower Upper
91 100
126 36.4 17.6 52.9





#83

tert-Butylbenzene

Concen: 49.776 ug/l

RT: 13.087 min Scan# 1848

Delta R.T. 0.006 min

Lab File: VY017717.D

Acq: 19 Mar 2024 19:16

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

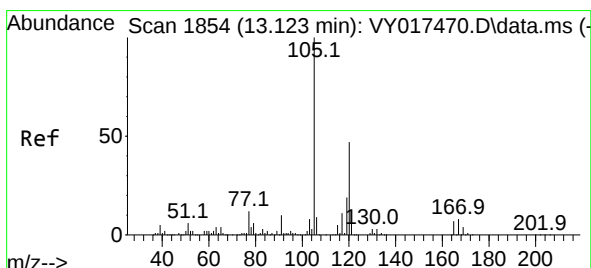
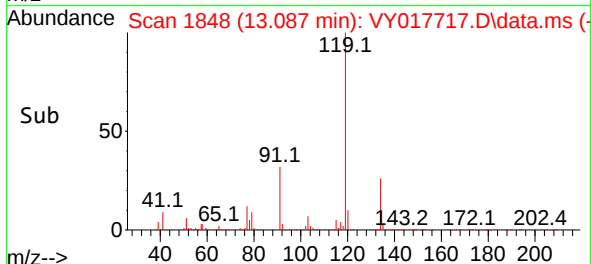
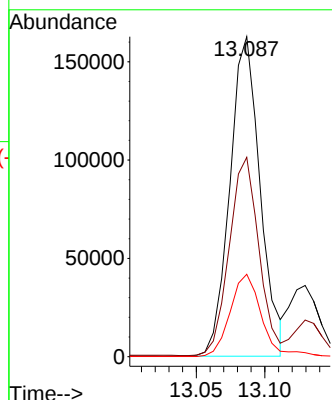
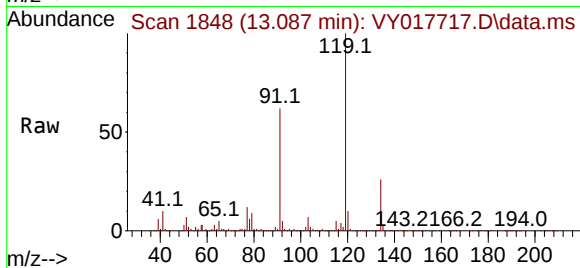
Tgt Ion:119 Resp: 25013

Ion	Ratio	Lower	Upper
119	100		
91	60.8	31.3	93.8
134	26.7	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: 49.042 ug/l

RT: 13.129 min Scan# 1855

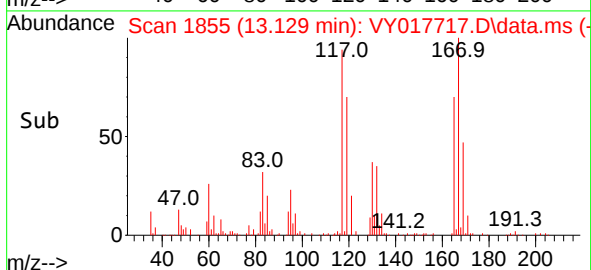
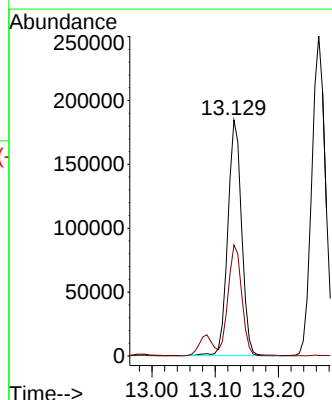
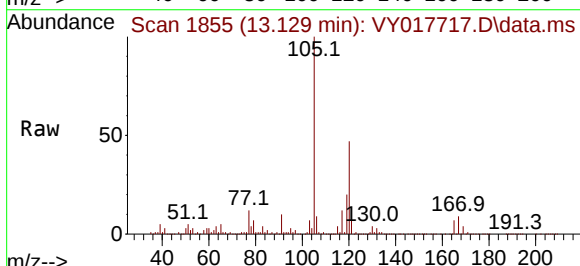
Delta R.T. 0.006 min

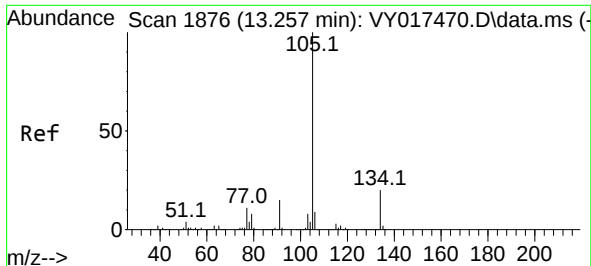
Lab File: VY017717.D

Acq: 19 Mar 2024 19:16

Tgt Ion:105 Resp: 277071

Ion	Ratio	Lower	Upper
105	100		
120	46.6	23.2	69.6





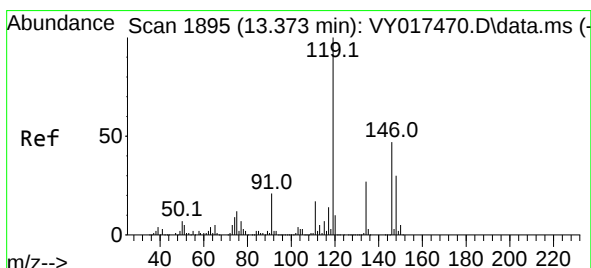
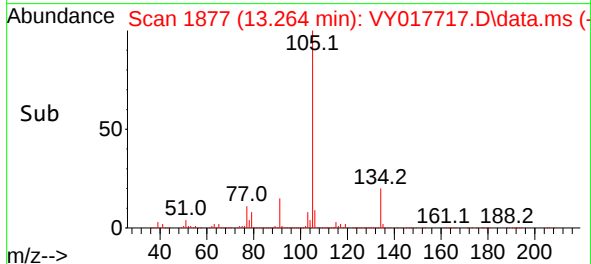
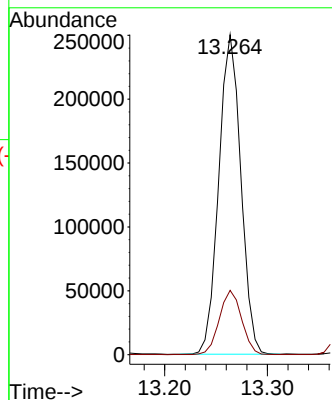
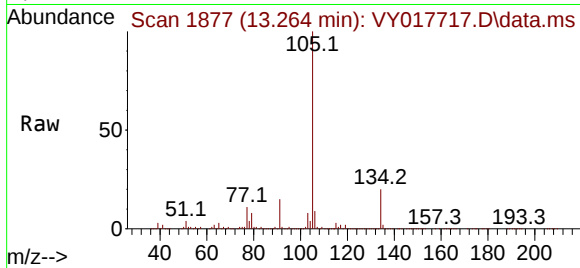
#85
 sec-Butylbenzene
 Concen: 48.502 ug/l
 RT: 13.264 min Scan# 1876
 Delta R.T. 0.006 min
 Lab File: VY017717.D
 Acq: 19 Mar 2024 19:16

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:105 Resp: 37263
 Ion Ratio Lower Upper
 105 100
 134 20.3 10.1 30.1

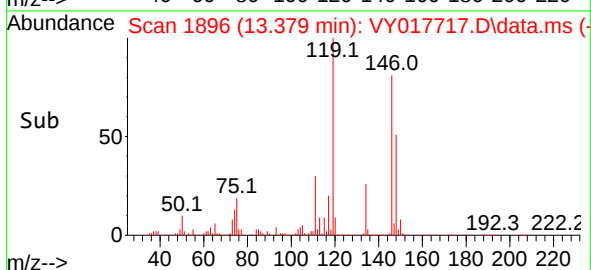
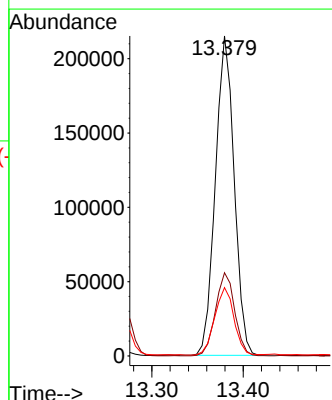
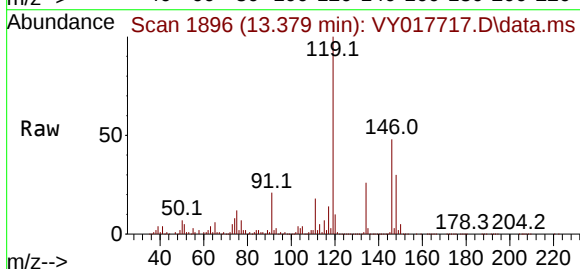
Manual Integrations
 APPROVED

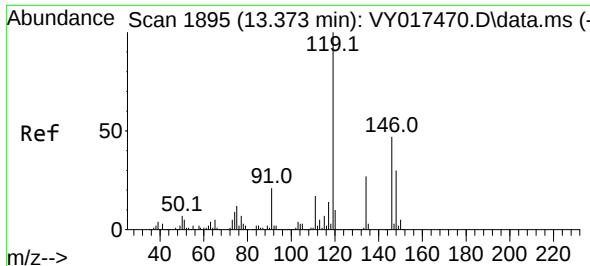
Reviewed By :Mahesh Dadoda 03/20/2024
 Supervised By :Semsettin Yesilyurt 03/20/2024



#86
 p-Isopropyltoluene
 Concen: 48.770 ug/l
 RT: 13.379 min Scan# 1896
 Delta R.T. 0.006 min
 Lab File: VY017717.D
 Acq: 19 Mar 2024 19:16

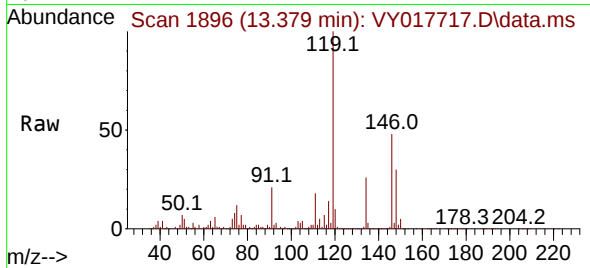
Tgt Ion:119 Resp: 306724
 Ion Ratio Lower Upper
 119 100
 134 26.6 13.1 39.3
 91 21.5 10.7 32.1





#87
1,3-Dichlorobenzene
Concen: 46.686 ug/l
RT: 13.379 min Scan# 1895
Delta R.T. 0.006 min
Lab File: VY017717.D
Acq: 19 Mar 2024 19:16

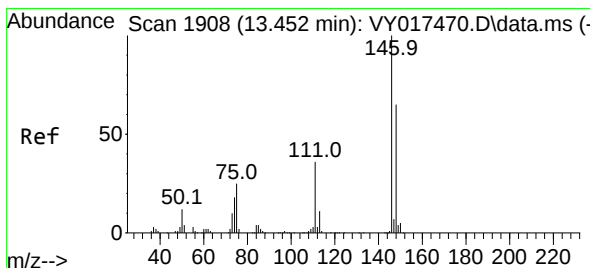
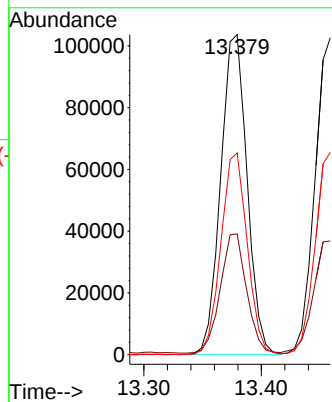
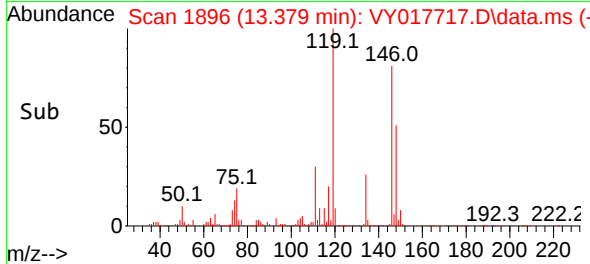
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



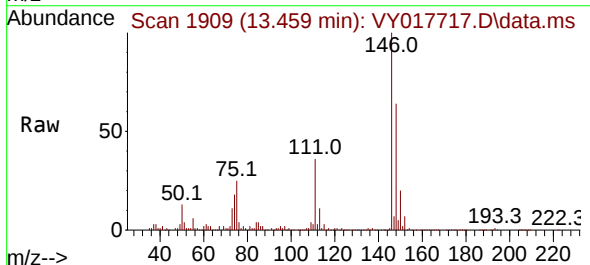
Tgt Ion:146 Resp: 162095
Ion Ratio Lower Upper
146 100
111 37.0 19.0 57.0
148 62.9 31.7 95.1

Manual Integrations
APPROVED

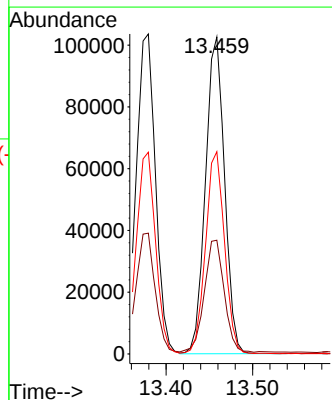
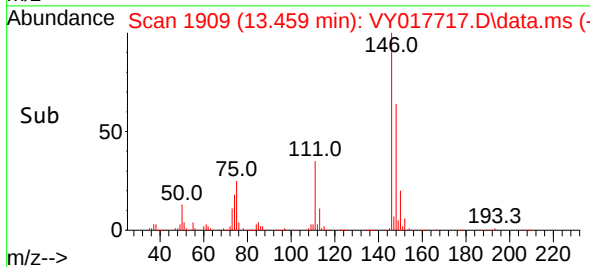
Reviewed By :Mahesh Dadoda 03/20/2024
Supervised By :Semsettin Yesilyurt 03/20/2024

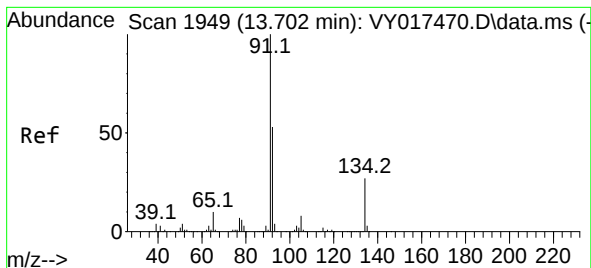


#88
1,4-Dichlorobenzene
Concen: 46.453 ug/l
RT: 13.459 min Scan# 1909
Delta R.T. 0.006 min
Lab File: VY017717.D
Acq: 19 Mar 2024 19:16



Tgt Ion:146 Resp: 156803
Ion Ratio Lower Upper
146 100
111 36.8 18.4 55.4
148 63.6 32.4 97.2





#89

n-Butylbenzene

Concen: 48.412 ug/l

RT: 13.709 min Scan# 1949

Delta R.T. 0.006 min

Lab File: VY017717.D

Acq: 19 Mar 2024 19:16

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

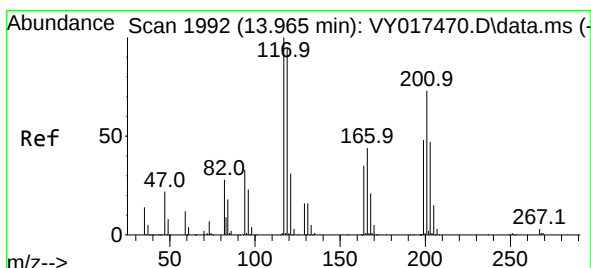
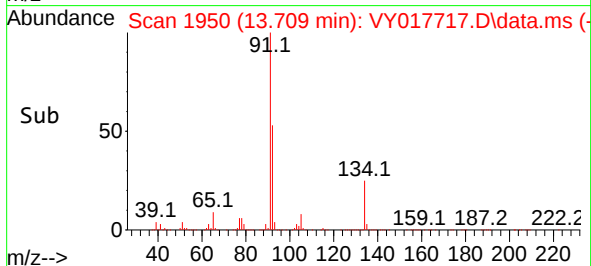
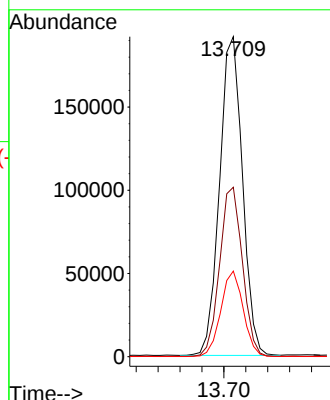
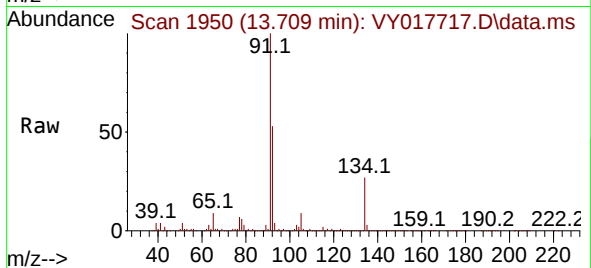
Tgt Ion: 91 Resp: 277790

Ion	Ratio	Lower	Upper
91	100		
92	52.9	26.6	79.7
134	26.3	12.9	38.7

Manual Integrations

APPROVED

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



#90

Hexachloroethane

Concen: 47.468 ug/l

RT: 13.971 min Scan# 1993

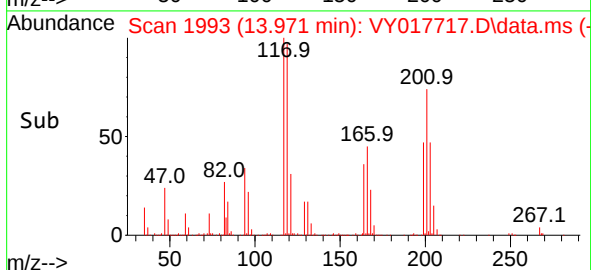
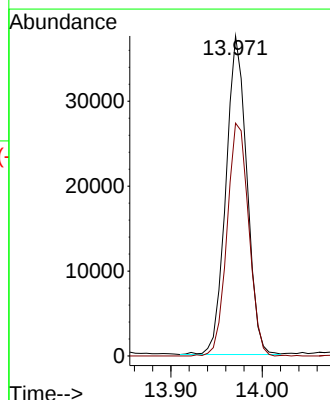
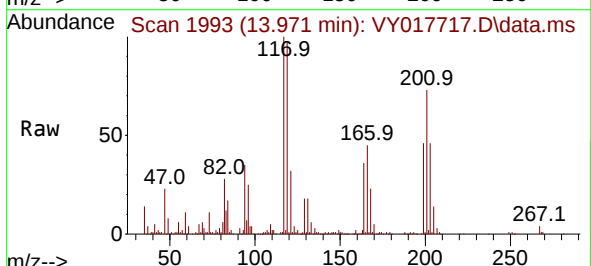
Delta R.T. 0.006 min

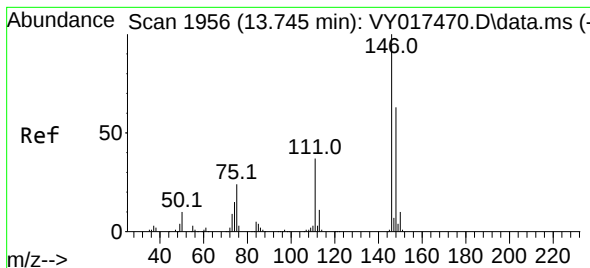
Lab File: VY017717.D

Acq: 19 Mar 2024 19:16

Tgt Ion:117 Resp: 59852

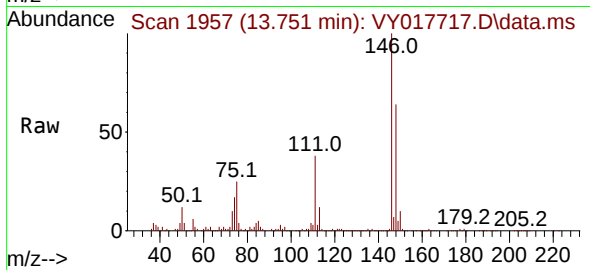
Ion	Ratio	Lower	Upper
117	100		
201	75.6	37.4	112.2





#91
1,2-Dichlorobenzene
Concen: 47.113 ug/l
RT: 13.751 min Scan# 1956
Delta R.T. 0.006 min
Lab File: VY017717.D
Acq: 19 Mar 2024 19:16

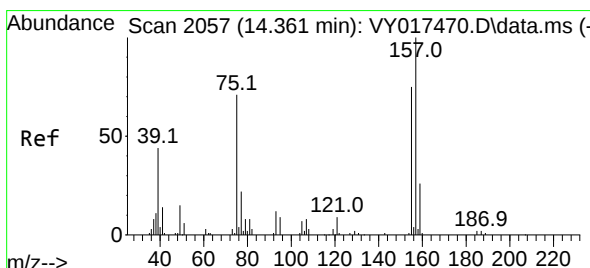
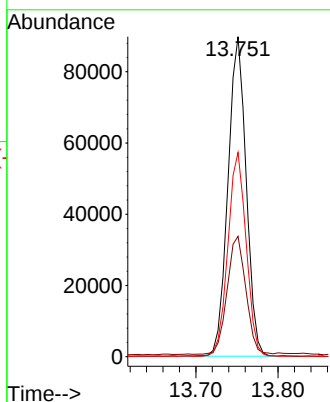
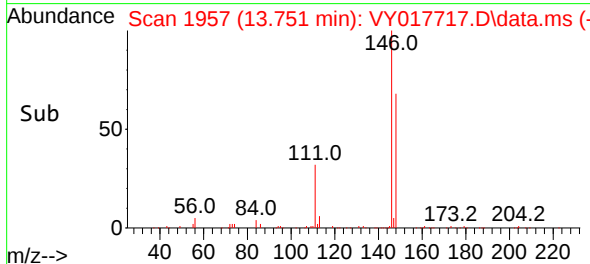
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



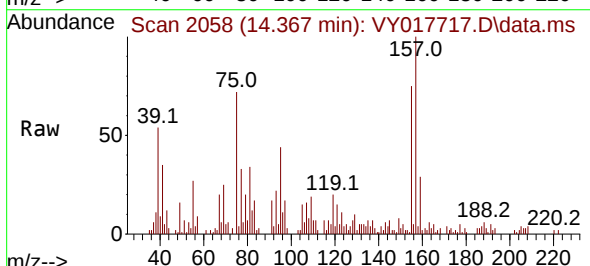
Tgt Ion:146 Resp: 13836
Ion Ratio Lower Upper
146 100
111 37.9 19.9 59.7
148 64.1 31.8 95.4

Manual Integrations
APPROVED

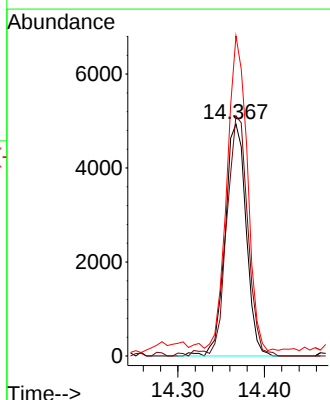
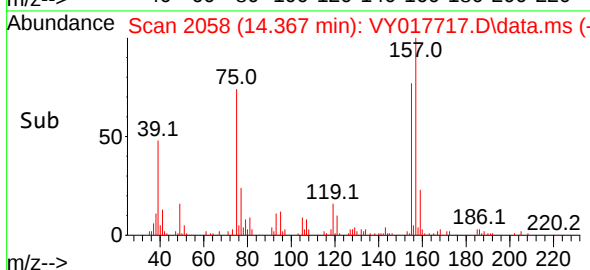
Reviewed By :Mahesh Dadoda 03/20/2024
Supervised By :Semsettin Yesilyurt 03/20/2024

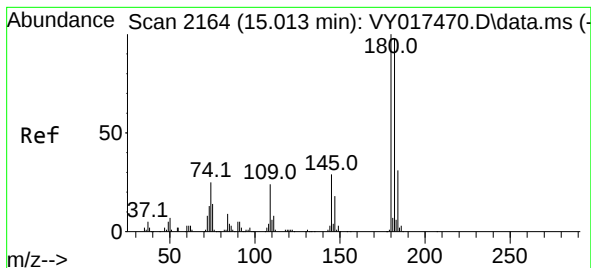


#92
1,2-Dibromo-3-Chloropropane
Concen: 48.319 ug/l
RT: 14.367 min Scan# 2058
Delta R.T. 0.006 min
Lab File: VY017717.D
Acq: 19 Mar 2024 19:16



Tgt Ion: 75 Resp: 8332
Ion Ratio Lower Upper
75 100
155 104.1 48.6 145.8
157 130.1 62.7 188.2





#93

1,2,4-Trichlorobenzene

Concen: 48.597 ug/l

RT: 15.019 min Scan# 2164

Delta R.T. 0.006 min

Lab File: VY017717.D

Acq: 19 Mar 2024 19:16

Instrument :

MSVOA_Y

ClientSampleId :

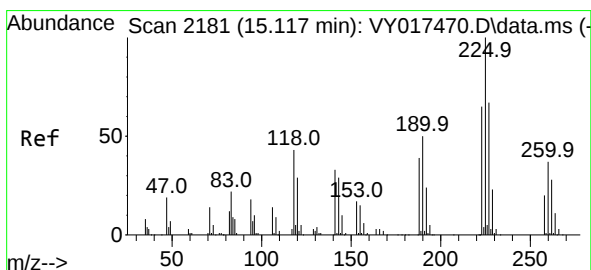
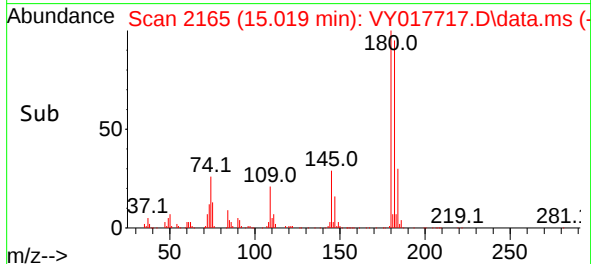
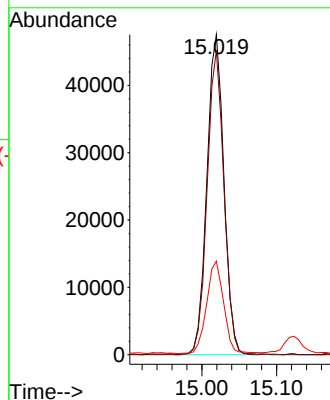
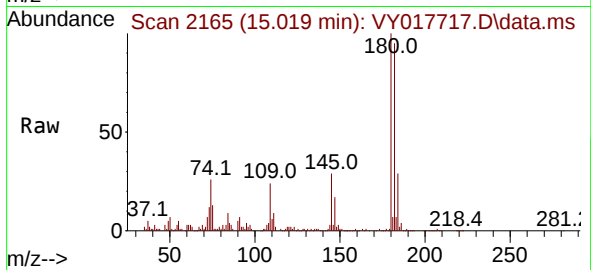
VSTDCCC050EC

Tgt Ion:180	Resp:	75380
Ion Ratio	Lower	Upper
180	100	
182	93.2	47.9 143.8
145	28.7	14.2 42.6

Manual Integrations

APPROVED

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



#94

Hexachlorobutadiene

Concen: 42.983 ug/l

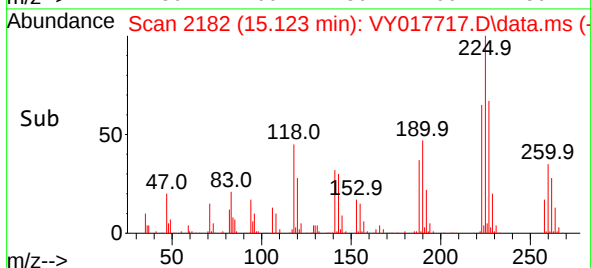
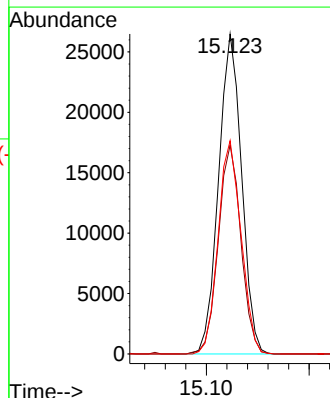
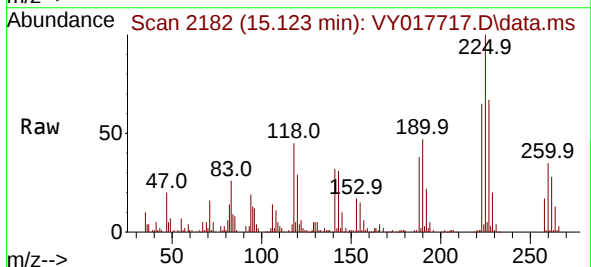
RT: 15.123 min Scan# 2182

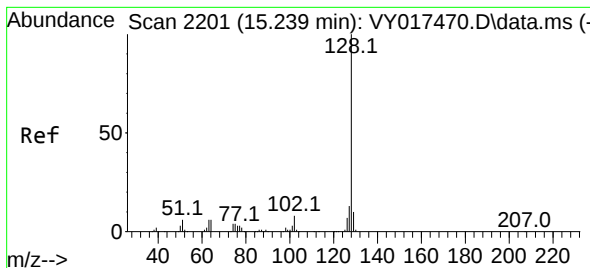
Delta R.T. 0.006 min

Lab File: VY017717.D

Acq: 19 Mar 2024 19:16

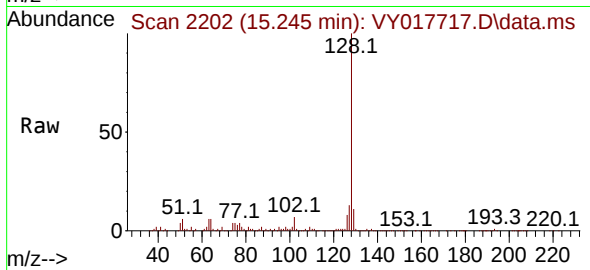
Tgt Ion:225	Resp:	41167
Ion Ratio	Lower	Upper
225	100	
223	64.0	30.4 91.2
227	66.3	31.9 95.9





#95
Naphthalene
Concen: 47.835 ug/l
RT: 15.245 min Scan# 2201
Delta R.T. 0.006 min
Lab File: VY017717.D
Acq: 19 Mar 2024 19:16

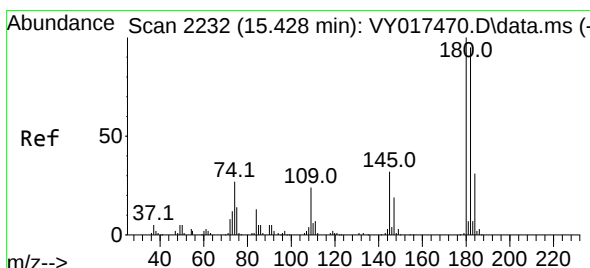
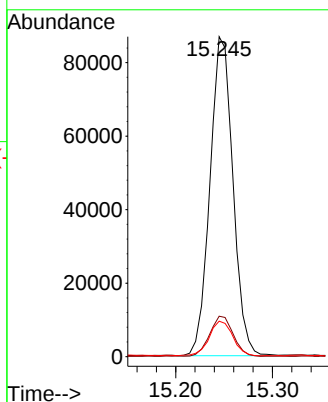
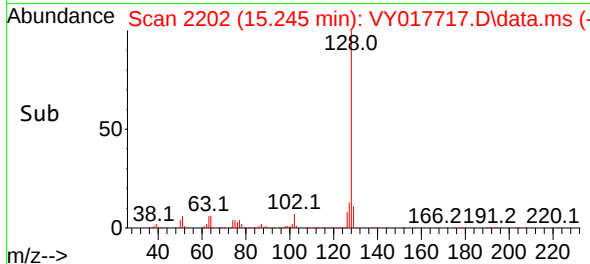
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



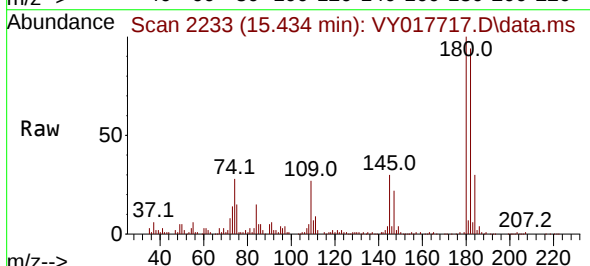
Tgt Ion:128 Resp: 143230
Ion Ratio Lower Upper
128 100
127 13.0 10.6 16.0
129 11.3 8.6 13.0

Manual Integrations
APPROVED

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



#96
1,2,3-Trichlorobenzene
Concen: 47.289 ug/l
RT: 15.434 min Scan# 2233
Delta R.T. 0.006 min
Lab File: VY017717.D
Acq: 19 Mar 2024 19:16



Tgt Ion:180 Resp: 62932
Ion Ratio Lower Upper
180 100
182 93.3 47.6 142.9
145 29.5 15.4 46.1

