

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY013124\
 Data File : VY017150.D
 Acq On : 31 Jan 2024 10:19
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 02/01/2024
 Supervised By :Semsettin Yesilyurt 02/01/2024

Quant Time: Jan 31 22:55:23 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y012424S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 25 04:44:10 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.807	168	103925	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.704	114	177801	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	155605	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	70931	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	60751	59.998	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 120.000%			
35) Dibromofluoromethane	7.734	113	61322	57.144	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 114.280%			
50) Toluene-d8	10.191	98	234281	57.802	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 115.600%			
62) 4-Bromofluorobenzene	12.489	95	74217	59.440	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 118.880%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.912	85	32681	42.570	ug/l	97
3) Chloromethane	2.125	50	65587	49.924	ug/l	97
4) Vinyl Chloride	2.260	62	84014	56.720	ug/l	99
5) Bromomethane	2.662	94	62813	56.654	ug/l	99
6) Chloroethane	2.808	64	58473	60.067	ug/l	99
7) Trichlorofluoromethane	3.137	101	87520	51.283	ug/l	99
8) Diethyl Ether	3.546	74	28241	47.164	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.918	101	54367	46.770	ug/l	97
10) Methyl Iodide	4.113	142	52098	47.176	ug/l	99
11) Tert butyl alcohol	4.979	59	18530	249.630	ug/l	97
12) 1,1-Dichloroethene	3.893	96	48125	45.227	ug/l	98
13) Acrolein	3.747	56	24987	205.764	ug/l	97
14) Allyl chloride	4.503	41	80204	49.868	ug/l	97
15) Acrylonitrile	5.186	53	66369	255.390	ug/l	100
16) Acetone	3.967	43	78640	298.060	ug/l	97
17) Carbon Disulfide	4.217	76	125129	39.016	ug/l	98
18) Methyl Acetate	4.497	43	57849	55.692	ug/l	99
19) Methyl tert-butyl Ether	5.247	73	134104	51.646	ug/l	99
20) Methylene Chloride	4.741	84	59419	53.156	ug/l	98
21) trans-1,2-Dichloroethene	5.247	96	58908	47.862	ug/l	97
22) Diisopropyl ether	6.143	45	189387	53.346	ug/l	97
23) Vinyl Acetate	6.082	43	433480	251.715	ug/l	100
24) 1,1-Dichloroethane	6.039	63	110662	51.105	ug/l	100
25) 2-Butanone	7.009	43	99907	268.815	ug/l	98
26) 2,2-Dichloropropane	7.003	77	94576	51.137	ug/l	99
27) cis-1,2-Dichloroethene	7.009	96	69847	51.211	ug/l	98
28) Bromochloromethane	7.356	49	50102	58.118	ug/l	99
29) Tetrahydrofuran	7.368	42	53462	260.384	ug/l	100
30) Chloroform	7.521	83	114818	52.073	ug/l	99
31) Cyclohexane	7.801	56	88090	48.973	ug/l	99
32) 1,1,1-Trichloroethane	7.722	97	98173	51.923	ug/l	99
36) 1,1-Dichloropropene	7.935	75	84747	47.999	ug/l	99
37) Ethyl Acetate	7.094	43	37389	49.249	ug/l	98
38) Carbon Tetrachloride	7.917	117	84165	48.644	ug/l	98
39) Methylcyclohexane	9.197	83	98696	46.476	ug/l	99
40) Benzene	8.179	78	251964	49.139	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.332	41	18754	46.189	ug/l	87
42) 1,2-Dichloroethane	8.252	62	68438	51.483	ug/l	100
43) Isopropyl Acetate	8.289	43	71862	50.704	ug/l	99
44) Trichloroethene	8.953	130	63713	48.446	ug/l	98
45) 1,2-Dichloropropane	9.228	63	65731	52.228	ug/l	100
46) Dibromomethane	9.319	93	33367	49.922	ug/l	98
47) Bromodichloromethane	9.508	83	89383	52.566	ug/l	97
48) Methyl methacrylate	9.307	41	41124	52.260	ug/l	98
49) 1,4-Dioxane	9.307	88	7344	1117.196	ug/l	98
51) 4-Methyl-2-Pentanone	10.081	43	199440	264.537	ug/l	100
52) Toluene	10.252	92	159088	51.261	ug/l	100
53) t-1,3-Dichloropropene	10.478	75	82980	53.420	ug/l	100
54) cis-1,3-Dichloropropene	9.941	75	99149	51.898	ug/l	97
55) 1,1,2-Trichloroethane	10.654	97	47760	51.127	ug/l	97
56) Ethyl methacrylate	10.520	69	43958	53.811	ug/l	99
57) 1,3-Dichloropropane	10.801	76	81128	51.368	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.795	63	174671	308.036	ug/l	99
59) 2-Hexanone	10.843	43	149301	259.576	ug/l	100
60) Dibromochloromethane	10.996	129	57387	52.877	ug/l	98
61) 1,2-Dibromoethane	11.099	107	43458	51.211	ug/l	98
64) Tetrachloroethene	10.734	164	51226	47.230	ug/l	99
65) Chlorobenzene	11.526	112	165754	50.267	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.599	131	62957	52.270	ug/l	100
67) Ethyl Benzene	11.605	91	307821	51.350	ug/l	99
68) m/p-Xylenes	11.709	106	231713	102.881	ug/l	99
69) o-Xylene	12.038	106	106687	52.148	ug/l	99
70) Styrene	12.050	104	160410	54.009	ug/l	98
71) Bromoform	12.215	173	31443	52.061	ug/l #	100
73) Isopropylbenzene	12.337	105	294806	50.557	ug/l	99
74) N-amyl acetate	12.154	43	60420	51.406	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.593	83	54124	48.676	ug/l	100
76) 1,2,3-Trichloropropane	12.642	75	42123m	48.926	ug/l	
77) Bromobenzene	12.617	156	62323	49.395	ug/l	100
78) n-propylbenzene	12.678	91	363665	51.852	ug/l	100
79) 2-Chlorotoluene	12.764	91	198611	51.605	ug/l	100
80) 1,3,5-Trimethylbenzene	12.825	105	240659	52.148	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.386	75	15928	47.895	ug/l	98
82) 4-Chlorotoluene	12.867	91	204116	51.173	ug/l	100
83) tert-Butylbenzene	13.081	119	210998	52.858	ug/l	99
84) 1,2,4-Trimethylbenzene	13.130	105	238957	52.097	ug/l	98
85) sec-Butylbenzene	13.264	105	311999	52.786	ug/l	100
86) p-Isopropyltoluene	13.380	119	261747	53.163	ug/l	99
87) 1,3-Dichlorobenzene	13.373	146	125734	50.474	ug/l	100
88) 1,4-Dichlorobenzene	13.453	146	122667	50.048	ug/l	99
89) n-Butylbenzene	13.703	91	255455	53.792	ug/l	100
90) Hexachloroethane	13.971	117	51889	50.565	ug/l	100
91) 1,2-Dichlorobenzene	13.745	146	107736	50.643	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.367	75	7166	50.461	ug/l	96
93) 1,2,4-Trichlorobenzene	15.019	180	56029	50.400	ug/l	99
94) Hexachlorobutadiene	15.123	225	33132	49.520	ug/l	100
95) Naphthalene	15.245	128	105600	53.783	ug/l	99
96) 1,2,3-Trichlorobenzene	15.434	180	48116	52.024	ug/l	98

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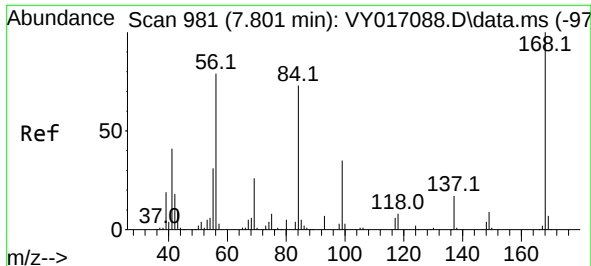
Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 02/01/2024
Supervised By :Semsettin Yesilyurt 02/01/2024

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Response via : Initial Calibration

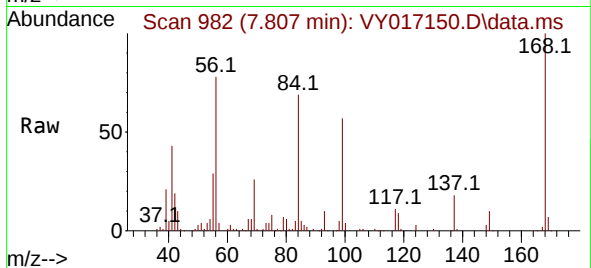
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.807 min Scan# 981
Delta R.T. 0.006 min
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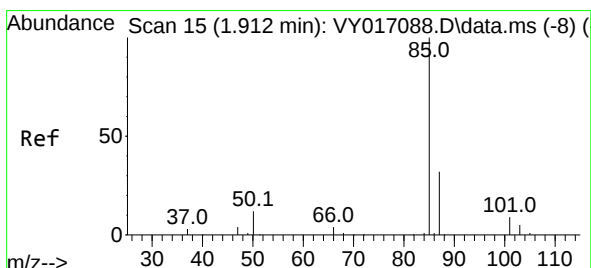
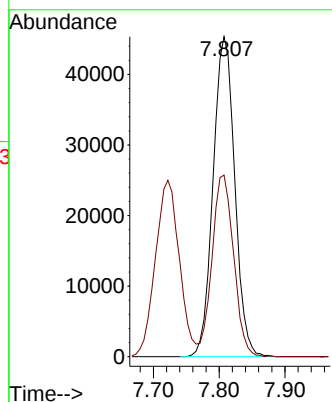
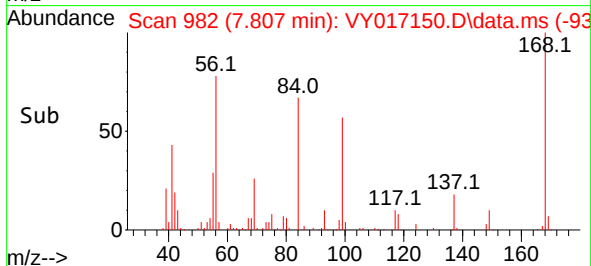
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion:168 Resp: 103925
Ion Ratio Lower Upper
168 100
99 56.8 44.2 66.4

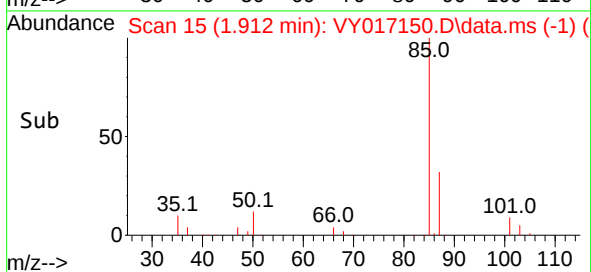
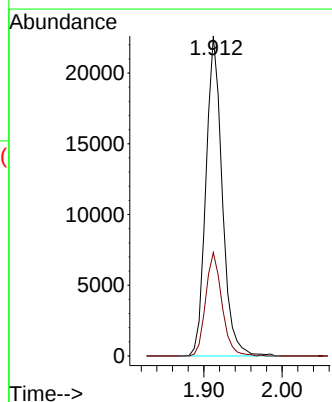
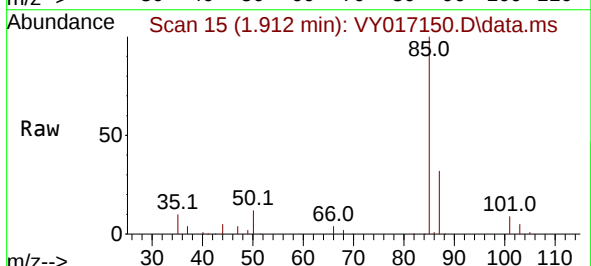
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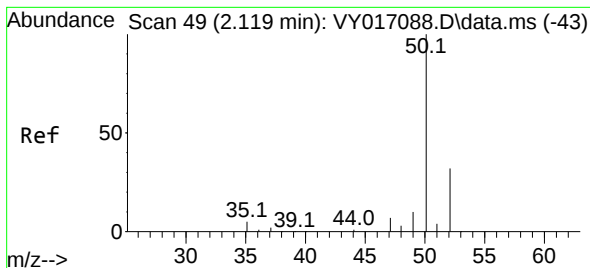
Reviewed By :Mahesh Dadoda 02/01/2024
Supervised By :Semsettin Yesilyurt 02/01/2024



#2
Dichlorodifluoromethane
Concen: 42.570 ug/l
RT: 1.912 min Scan# 15
Delta R.T. 0.000 min
Lab File: VY017150.D
Acq: 31 Jan 2024 10:19

Tgt Ion: 85 Resp: 32681
Ion Ratio Lower Upper
85 100
87 32.3 17.1 51.3





#3

Chloromethane

Concen: 49.924 ug/l

RT: 2.125 min Scan# 50

Delta R.T. 0.006 min

Lab File: VY017150.D

Acq: 31 Jan 2024 10:19

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 50 Resp: 6558

Ion Ratio Lower Upper

50 100

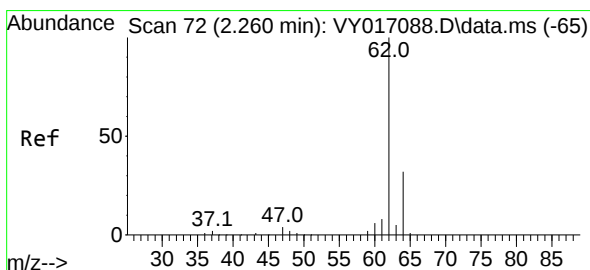
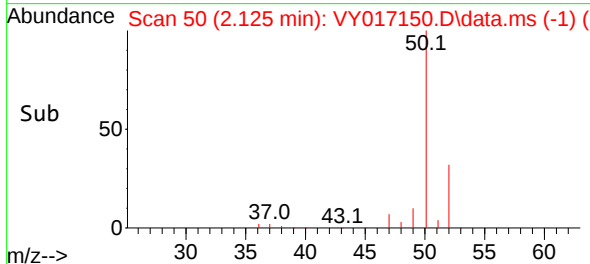
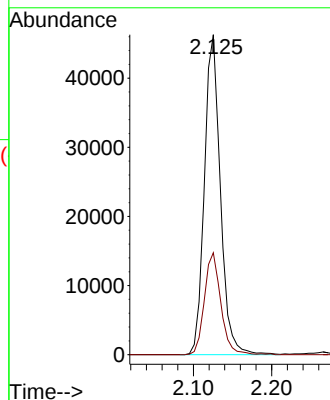
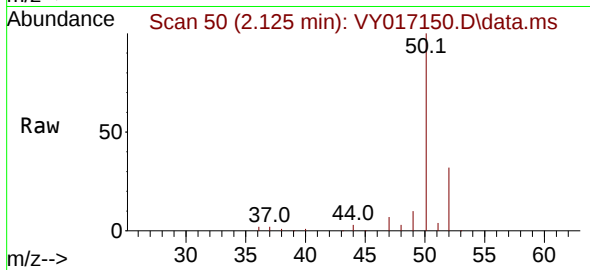
52 31.9 26.7 40.1

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/01/2024

Supervised By :Semsettin Yesilyurt 02/01/2024



#4

Vinyl Chloride

Concen: 56.720 ug/l

RT: 2.260 min Scan# 72

Delta R.T. 0.001 min

Lab File: VY017150.D

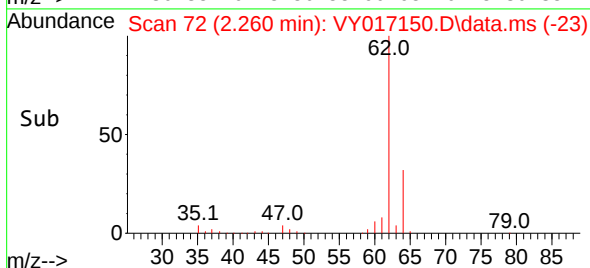
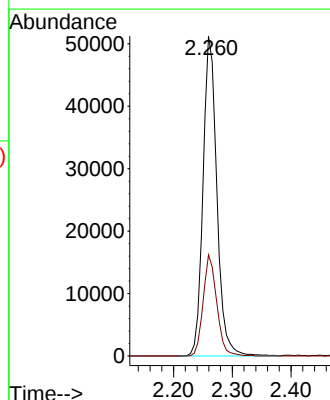
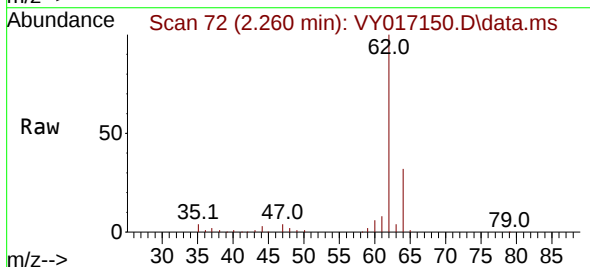
Acq: 31 Jan 2024 10:19

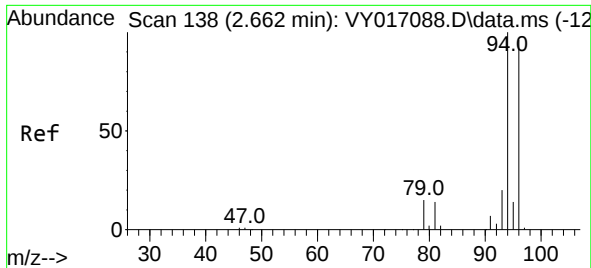
Tgt Ion: 62 Resp: 84014

Ion Ratio Lower Upper

62 100

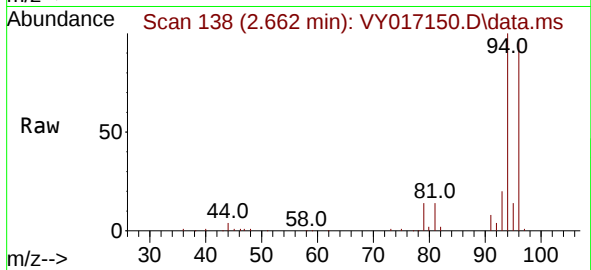
64 31.6 25.7 38.5





#5
Bromomethane
Concen: 56.654 ug/l
RT: 2.662 min Scan# 138
Delta R.T. -0.000 min
Lab File: VY017150.D
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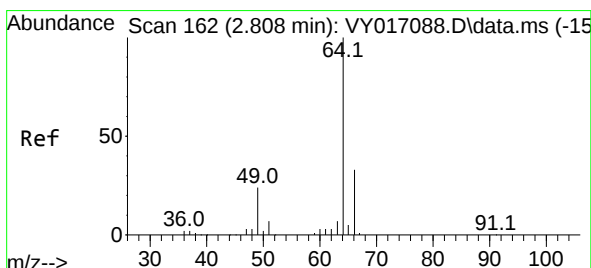
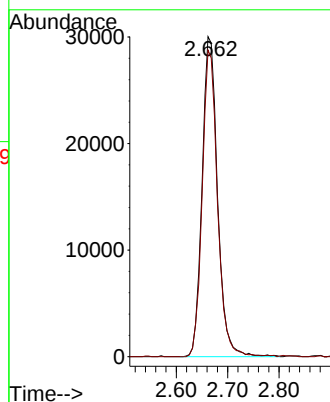
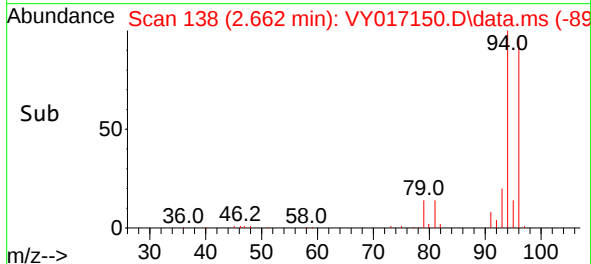
Instrument :
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Tgt Ion: 94 Resp: 6281
Ion Ratio Lower Upper
94 100
96 95.8 77.3 115.9

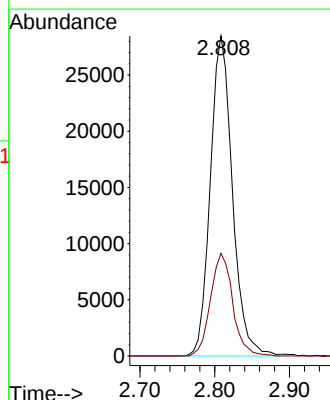
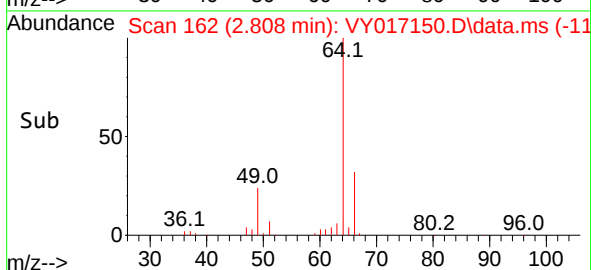
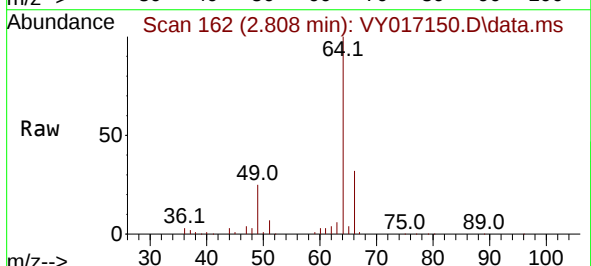
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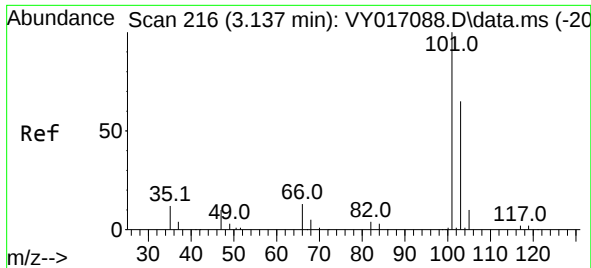
Reviewed By :Mahesh Dadoda 02/01/2024
Supervised By :Semsettin Yesilyurt 02/01/2024



#6
Chloroethane
Concen: 60.067 ug/l
RT: 2.808 min Scan# 162
Delta R.T. 0.000 min
Lab File: VY017150.D
Acq: 31 Jan 2024 10:19

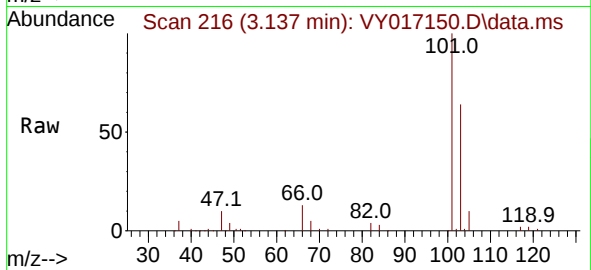
Tgt Ion: 64 Resp: 58473
Ion Ratio Lower Upper
64 100
66 32.1 25.1 37.7





#7
Trichlorofluoromethane
Concen: 51.283 ug/l
RT: 3.137 min Scan# 216
Delta R.T. 0.000 min
Lab File: VY017150.D
Acq: 31 Jan 2024 10:19

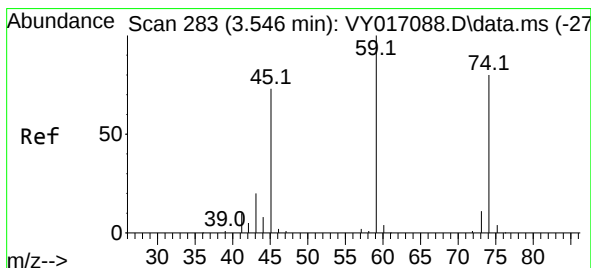
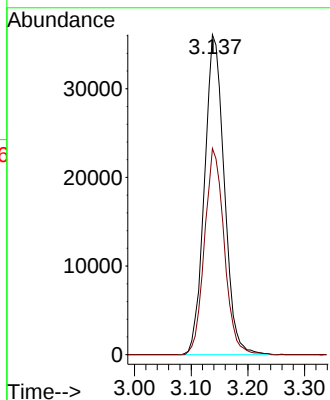
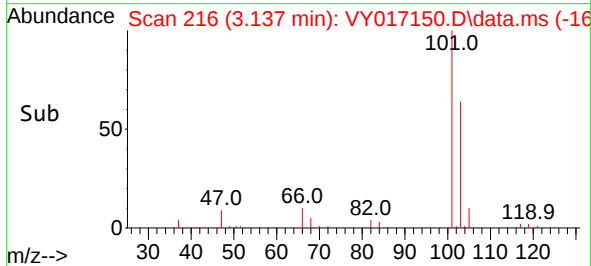
Instrument :
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Tgt Ion:101 Resp: 87520
Ion Ratio Lower Upper
101 100
103 64.4 51.9 77.9

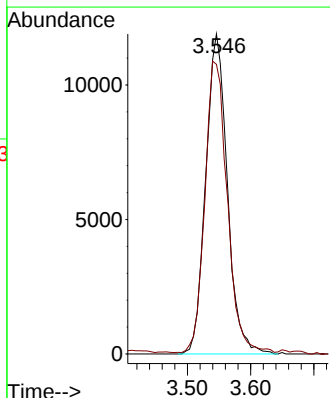
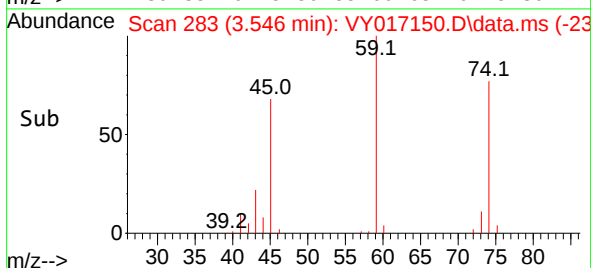
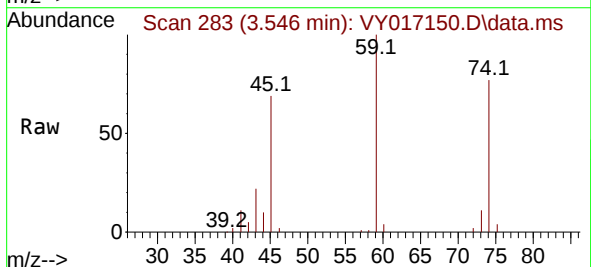
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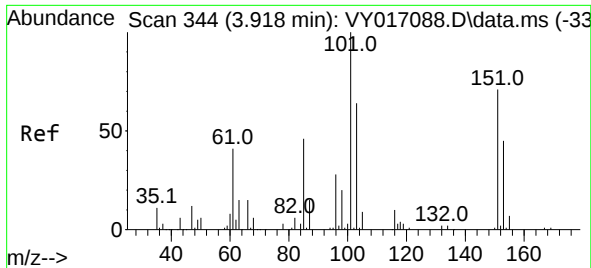
Reviewed By :Mahesh Dadoda 02/01/2024
Supervised By :Semsettin Yesilyurt 02/01/2024



#8
Diethyl Ether
Concen: 47.164 ug/l
RT: 3.546 min Scan# 283
Delta R.T. 0.006 min
Lab File: VY017150.D
Acq: 31 Jan 2024 10:19

Tgt Ion: 74 Resp: 28241
Ion Ratio Lower Upper
74 100
45 94.5 47.9 143.7





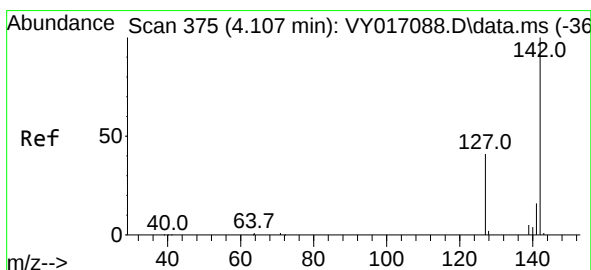
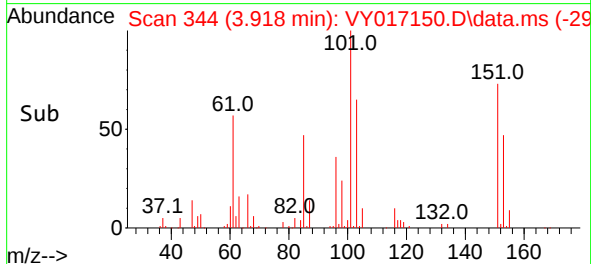
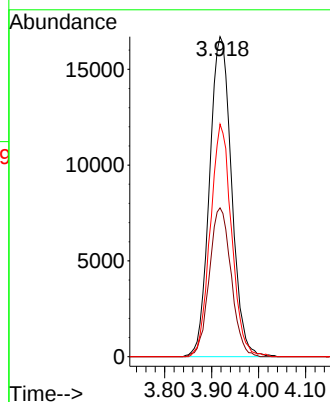
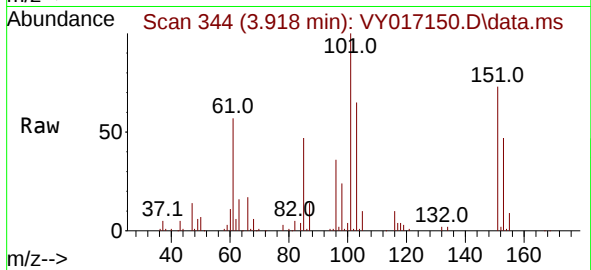
#9
1,1,2-Trichlorotrifluoroethane
Concen: 46.770 ug/l
RT: 3.918 min Scan# 344
Delta R.T. 0.007 min
Lab File: VY017150.D
Acq: 31 Jan 2024 10:19

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 5436
Ion Ratio Lower Upper
101 100
85 46.0 35.8 53.6
151 70.2 58.6 88.0

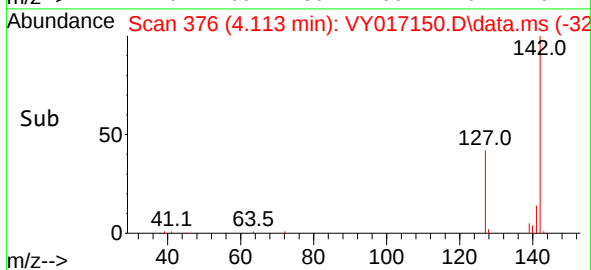
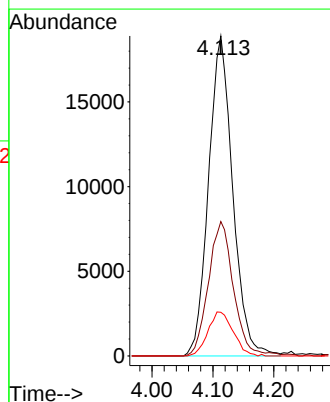
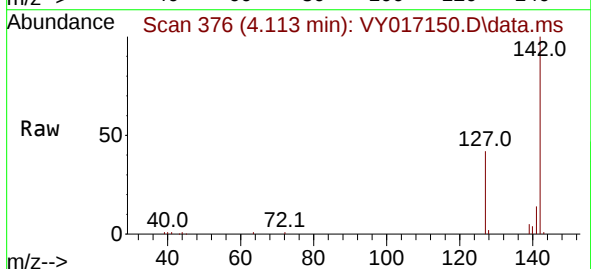
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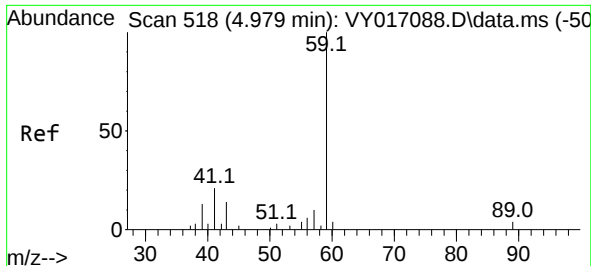
Reviewed By :Mahesh Dadoda 02/01/2024
Supervised By :Semsettin Yesilyurt 02/01/2024



#10
Methyl Iodide
Concen: 47.176 ug/l
RT: 4.113 min Scan# 376
Delta R.T. 0.007 min
Lab File: VY017150.D
Acq: 31 Jan 2024 10:19

Tgt Ion:142 Resp: 52098
Ion Ratio Lower Upper
142 100
127 43.6 35.1 52.7
141 14.4 11.8 17.6





#11

Tert butyl alcohol

Concen: 249.630 ug/l

RT: 4.979 min Scan# 518

Delta R.T. 0.013 min

Lab File: VY017150.D

Acq: 31 Jan 2024 10:19

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 59 Resp: 18530

Ion Ratio Lower Upper

59 100

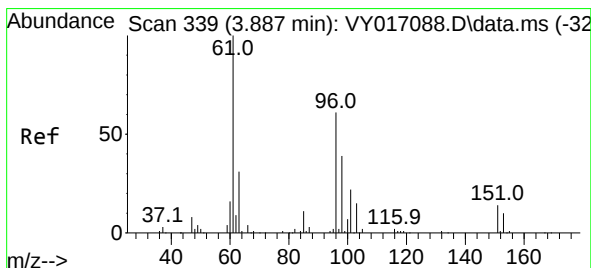
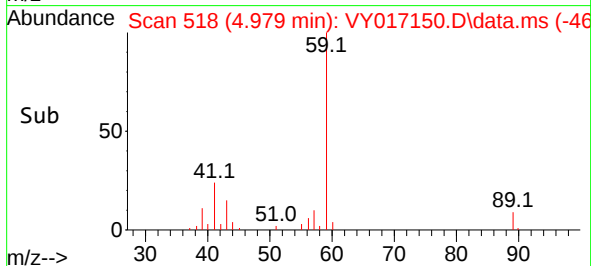
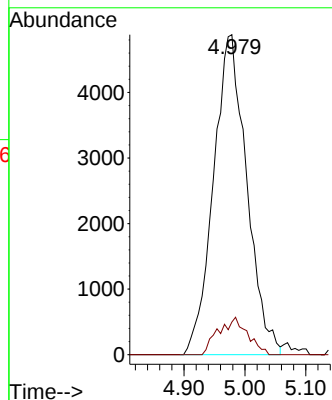
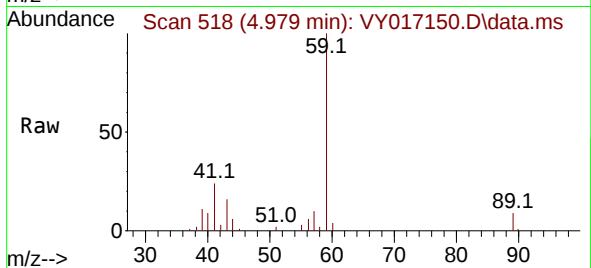
57 10.2 7.4 11.0

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Reviewed By :Mahesh Dadoda 02/01/2024

Supervised By :Semsettin Yesilyurt 02/01/2024



#12

1,1-Dichloroethene

Concen: 45.227 ug/l

RT: 3.893 min Scan# 340

Delta R.T. 0.006 min

Lab File: VY017150.D

Acq: 31 Jan 2024 10:19

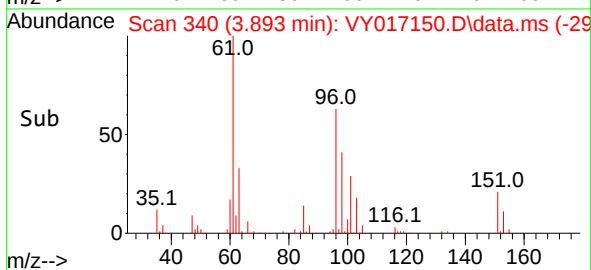
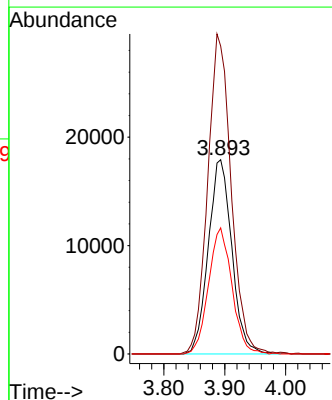
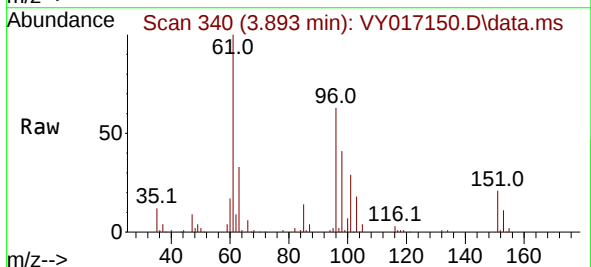
Tgt Ion: 96 Resp: 48125

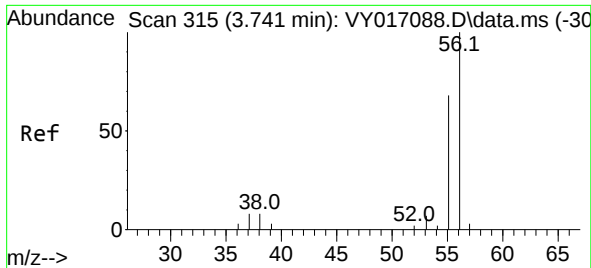
Ion Ratio Lower Upper

96 100

61 158.5 124.2 186.2

98 64.9 52.6 79.0





#13

Acrolein

Concen: 205.764 ug/l

RT: 3.747 min Scan# 315

Delta R.T. 0.006 min

Lab File: VY017150.D

Acq: 31 Jan 2024 10:19

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 56 Resp: 2498

Ion Ratio Lower Upper

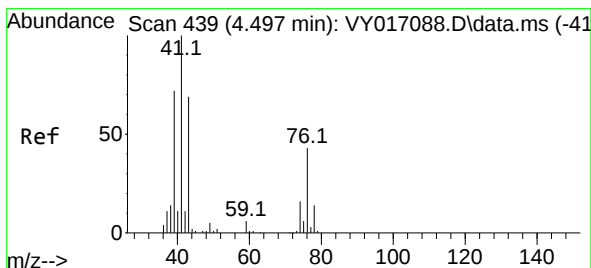
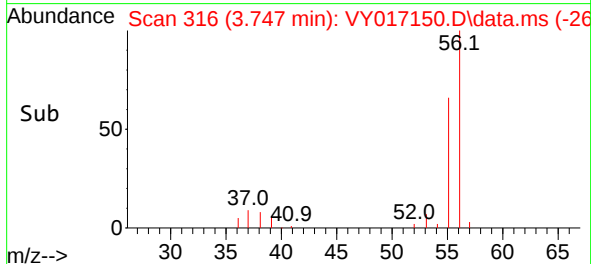
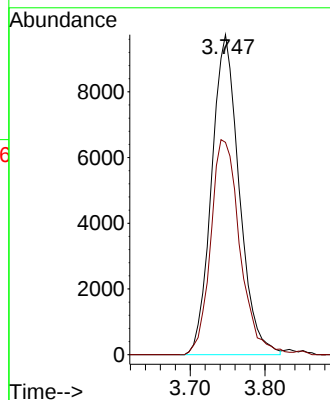
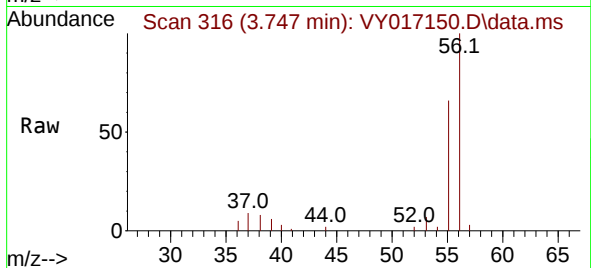
56 100

55 71.3 55.4 83.0

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Reviewed By :Mahesh Dadoda 02/01/2024
Supervised By :Semsettin Yesilyurt 02/01/2024



#14

Allyl chloride

Concen: 49.868 ug/l

RT: 4.503 min Scan# 440

Delta R.T. 0.006 min

Lab File: VY017150.D

Acq: 31 Jan 2024 10:19

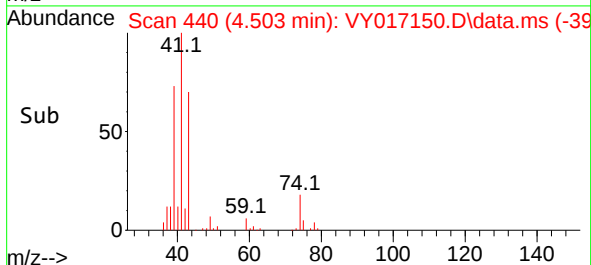
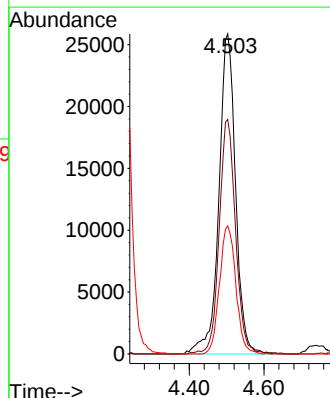
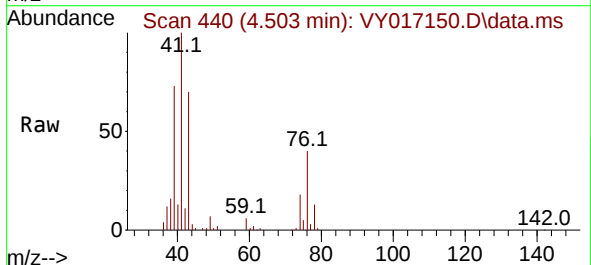
Tgt Ion: 41 Resp: 80204

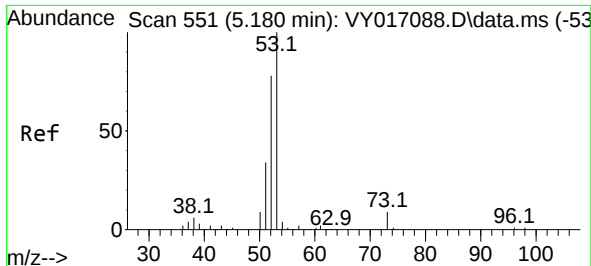
Ion Ratio Lower Upper

41 100

39 71.7 54.7 82.1

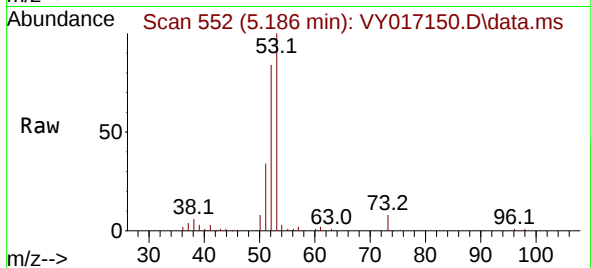
76 39.1 31.8 47.6





#15
Acrylonitrile
Concen: 255.390 ug/l
RT: 5.186 min Scan# 51
Delta R.T. 0.007 min
Lab File: VY017150.D
Acq: 31 Jan 2024 10:19

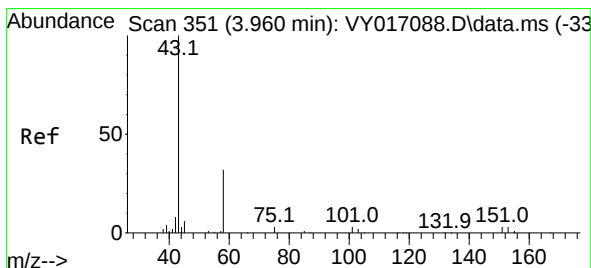
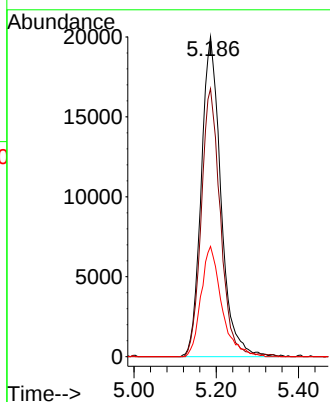
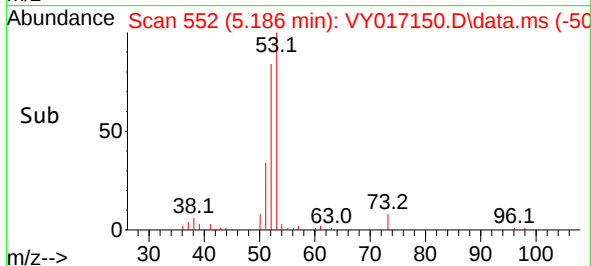
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



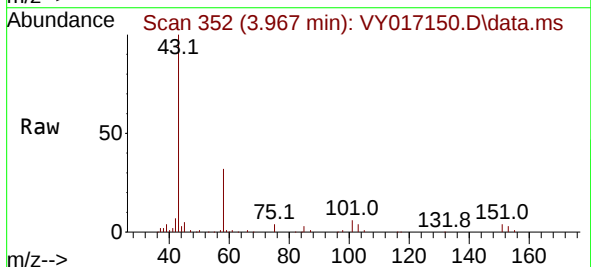
Tgt Ion: 53 Resp: 66369
Ion Ratio Lower Upper
53 100
52 81.8 65.1 97.7
51 36.3 29.0 43.4

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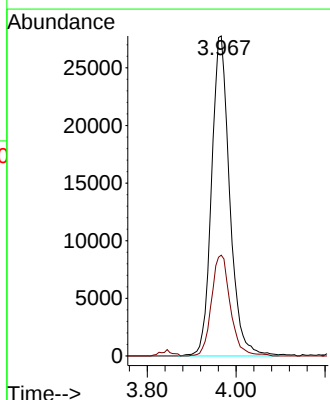
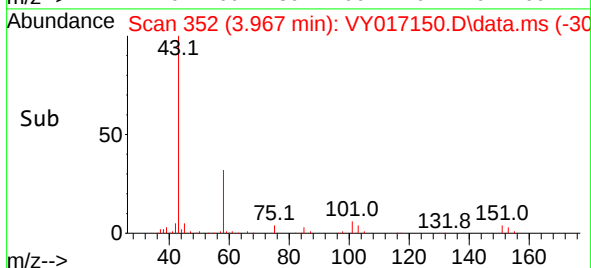
Reviewed By :Mahesh Dadoda 02/01/2024
Supervised By :Semsettin Yesilyurt 02/01/2024

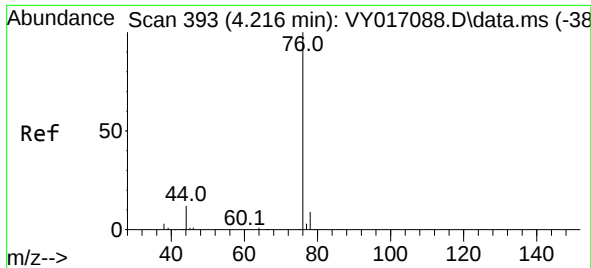


#16
Acetone
Concen: 298.060 ug/l
RT: 3.967 min Scan# 352
Delta R.T. 0.007 min
Lab File: VY017150.D
Acq: 31 Jan 2024 10:19



Tgt Ion: 43 Resp: 78640
Ion Ratio Lower Upper
43 100
58 31.5 26.6 39.8





#17

Carbon Disulfide

Concen: 39.016 ug/l

RT: 4.217 min Scan# 393

Delta R.T. 0.007 min

Lab File: VY017150.D

Acq: 31 Jan 2024 10:19

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 125129

Ion Ratio Lower Upper

76 100

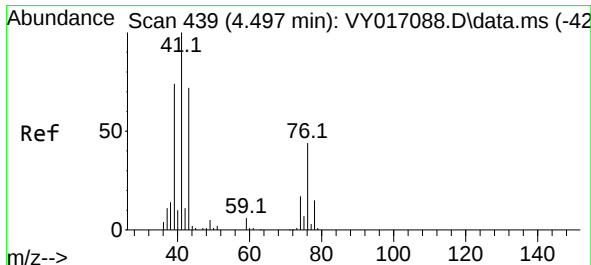
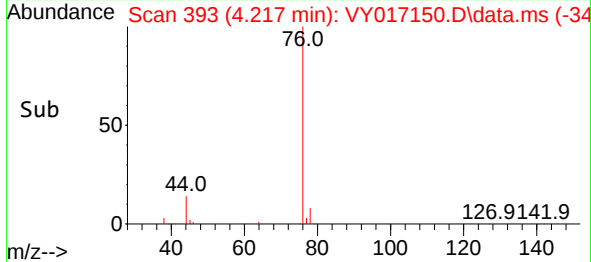
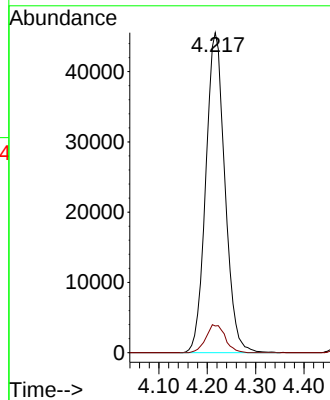
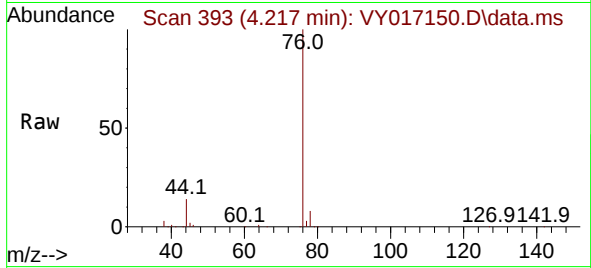
78 8.3 7.4 11.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/01/2024

Supervised By :Semsettin Yesilyurt 02/01/2024



#18

Methyl Acetate

Concen: 55.692 ug/l

RT: 4.497 min Scan# 439

Delta R.T. -0.000 min

Lab File: VY017150.D

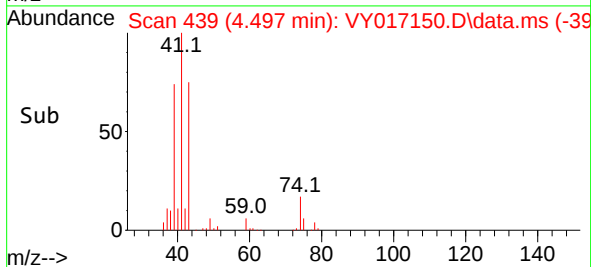
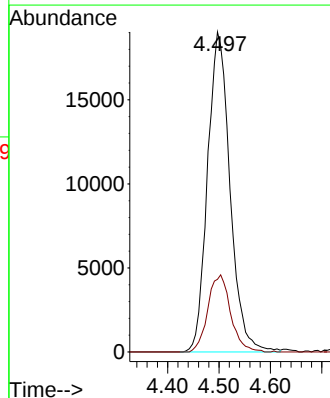
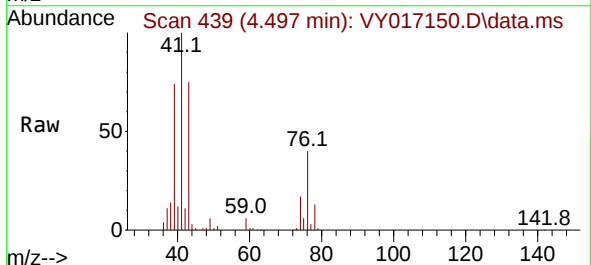
Acq: 31 Jan 2024 10:19

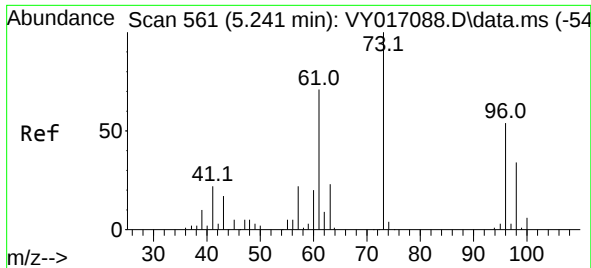
Tgt Ion: 43 Resp: 57849

Ion Ratio Lower Upper

43 100

74 24.4 19.8 29.6





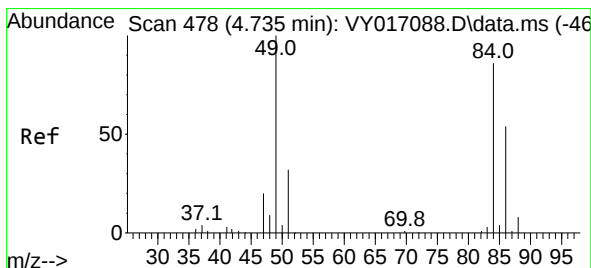
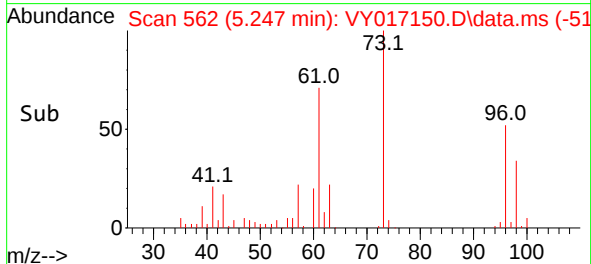
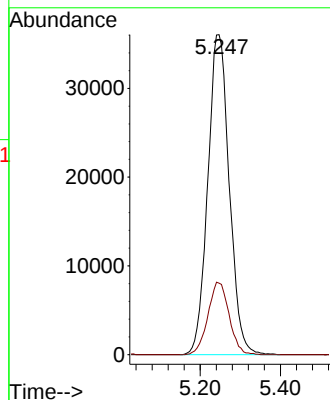
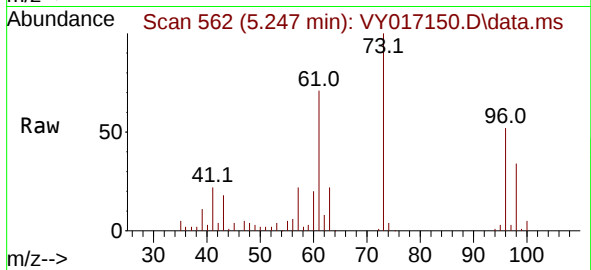
#19
Methyl tert-butyl Ether
Concen: 51.646 ug/l
RT: 5.247 min Scan# 504
Delta R.T. 0.013 min
Lab File: VY017150.D
Acq: 31 Jan 2024 10:19

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 134104
Ion Ratio Lower Upper
73 100
57 22.4 17.7 26.5

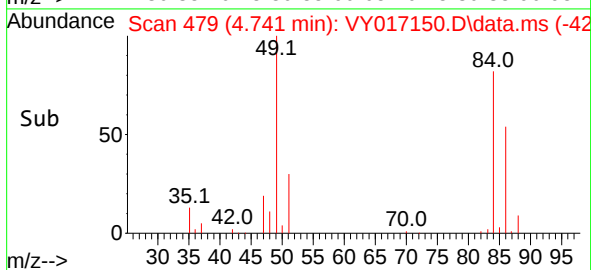
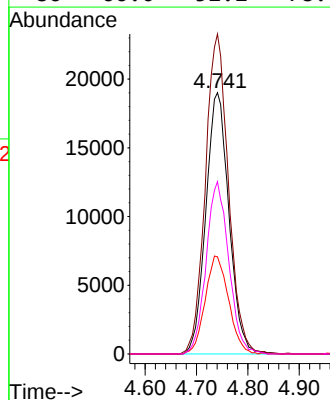
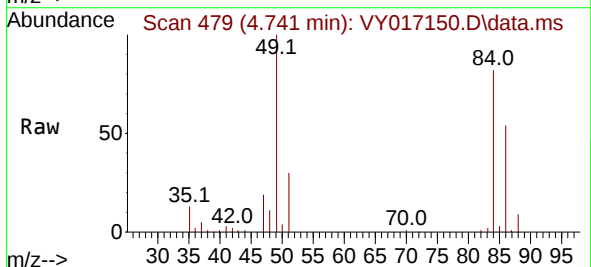
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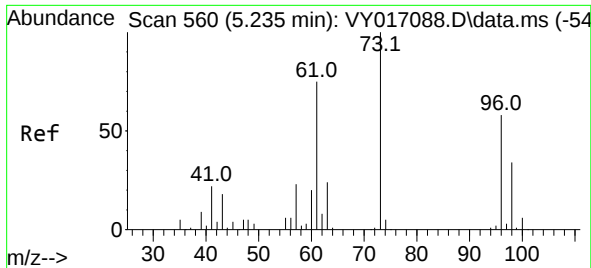
Reviewed By :Mahesh Dadoda 02/01/2024
Supervised By :Semsettin Yesilyurt 02/01/2024



#20
Methylene Chloride
Concen: 53.156 ug/l
RT: 4.741 min Scan# 479
Delta R.T. 0.007 min
Lab File: VY017150.D
Acq: 31 Jan 2024 10:19

Tgt Ion: 84 Resp: 59419
Ion Ratio Lower Upper
84 100
49 122.5 95.2 142.8
51 37.2 29.9 44.9
86 66.0 52.2 78.4





#21

trans-1,2-Dichloroethene

Concen: 47.862 ug/l

RT: 5.247 min Scan# 509

Delta R.T. 0.007 min

Lab File: VY017150.D

Acq: 31 Jan 2024 10:19

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 96 Resp: 58908

Ion Ratio Lower Upper

96 100

61 134.6 104.6 156.8

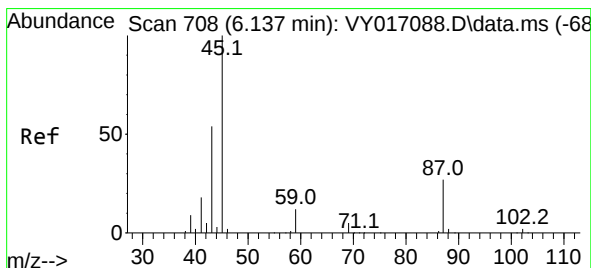
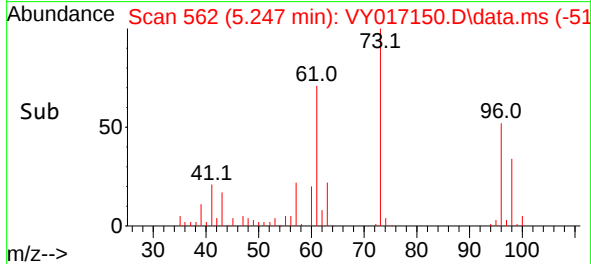
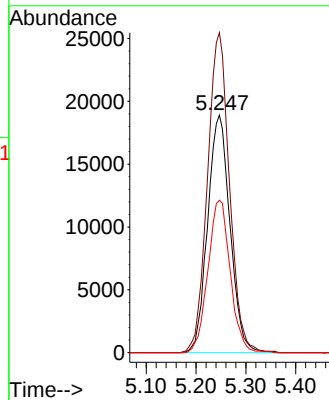
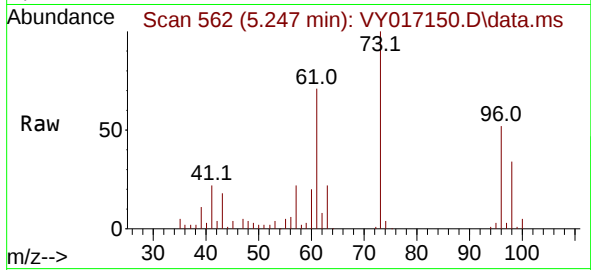
98 64.2 50.9 76.3

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Reviewed By :Mahesh Dadoda 02/01/2024

Supervised By :Semsettin Yesilyurt 02/01/2024



#22

Diisopropyl ether

Concen: 53.346 ug/l

RT: 6.143 min Scan# 709

Delta R.T. 0.012 min

Lab File: VY017150.D

Acq: 31 Jan 2024 10:19

Tgt Ion: 45 Resp: 189387

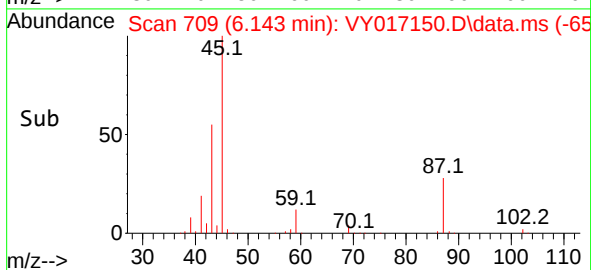
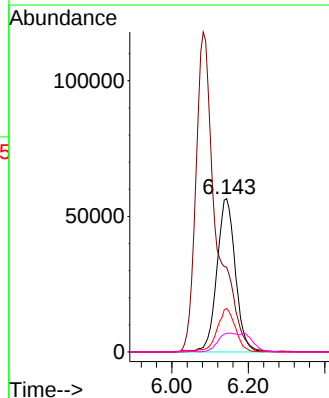
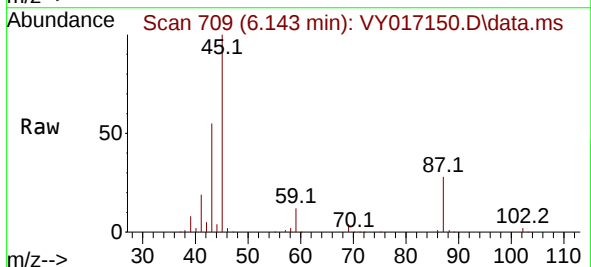
Ion Ratio Lower Upper

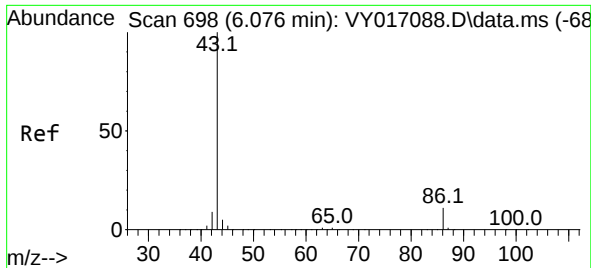
45 100

43 55.0 46.8 70.2

87 28.4 22.2 33.2

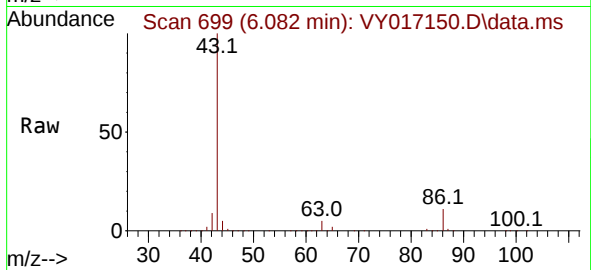
59 12.2 9.9 14.9





#23
Vinyl Acetate
Concen: 251.715 ug/l
RT: 6.082 min Scan# 699
Delta R.T. 0.006 min
Lab File: VY017150.D
Acq: 31 Jan 2024 10:19

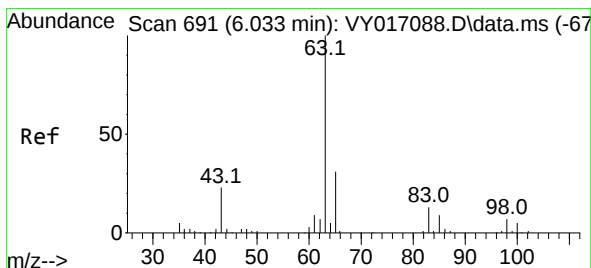
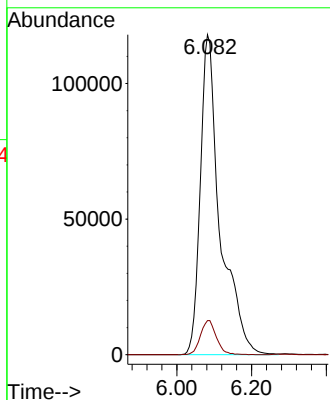
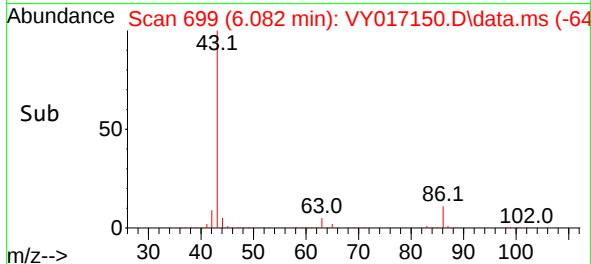
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



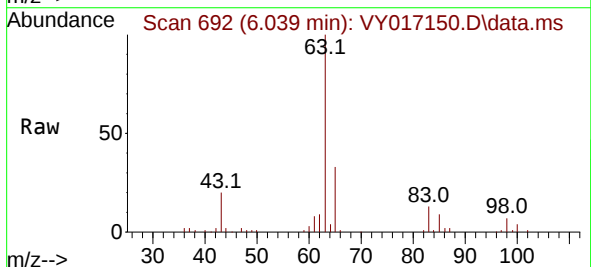
Tgt Ion: 43 Resp: 433480
Ion Ratio Lower Upper
43 100
86 10.6 8.6 13.0

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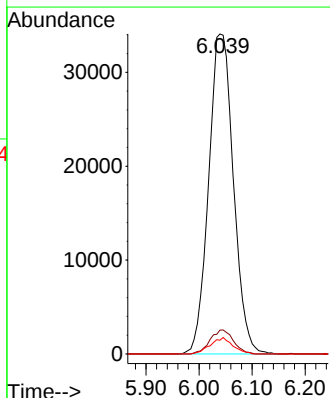
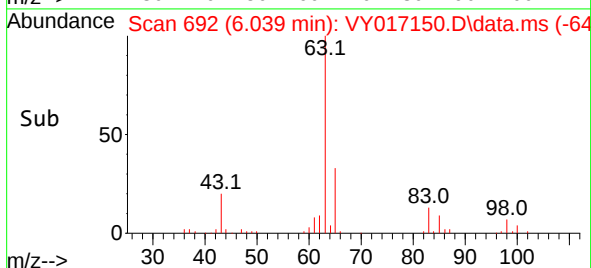
Reviewed By :Mahesh Dadoda 02/01/2024
Supervised By :Semsettin Yesilyurt 02/01/2024

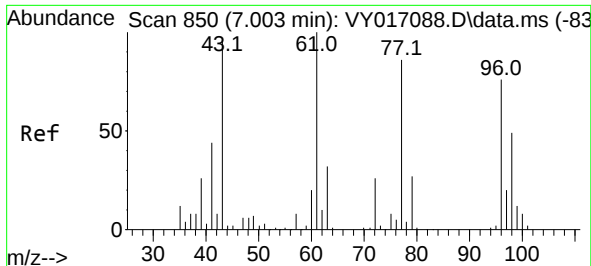


#24
1,1-Dichloroethane
Concen: 51.105 ug/l
RT: 6.039 min Scan# 692
Delta R.T. 0.006 min
Lab File: VY017150.D
Acq: 31 Jan 2024 10:19



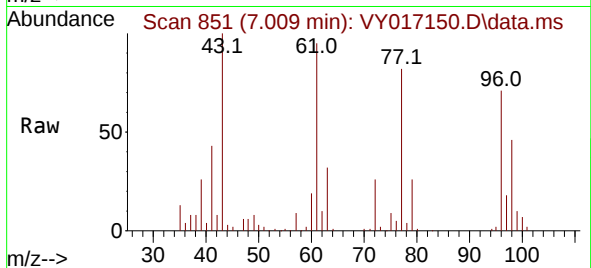
Tgt Ion: 63 Resp: 110662
Ion Ratio Lower Upper
63 100
98 7.5 3.8 11.4
100 4.3 2.1 6.2





#25
2-Butanone
Concen: 268.815 ug/l
RT: 7.009 min Scan# 81
Delta R.T. 0.013 min
Lab File: VY017150.D
Acq: 31 Jan 2024 10:19

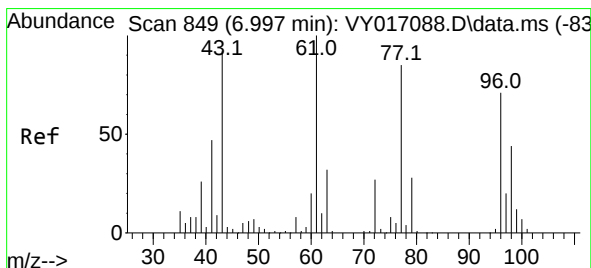
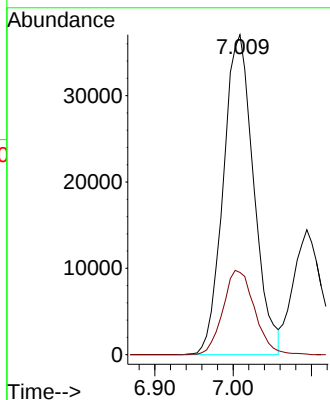
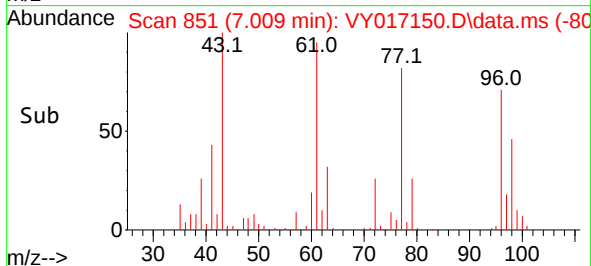
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



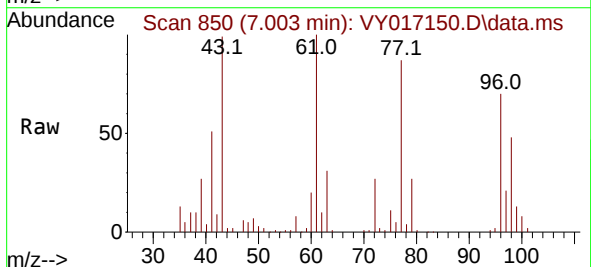
Tgt Ion: 43 Resp: 9990
Ion Ratio Lower Upper
43 100
72 25.7 21.4 32.2

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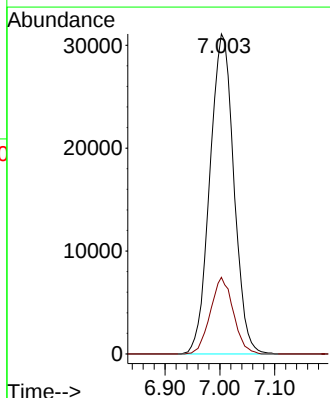
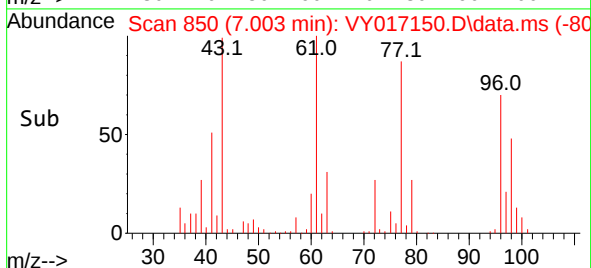
Reviewed By :Mahesh Dadoda 02/01/2024
Supervised By :Semsettin Yesilyurt 02/01/2024

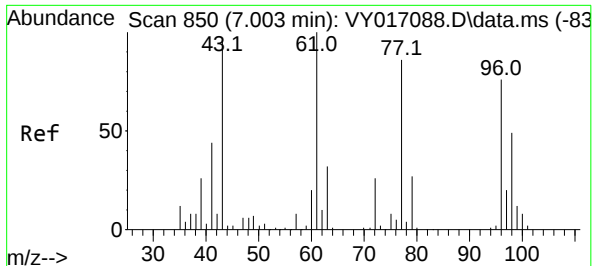


#26
2,2-Dichloropropane
Concen: 51.137 ug/l
RT: 7.003 min Scan# 850
Delta R.T. 0.007 min
Lab File: VY017150.D
Acq: 31 Jan 2024 10:19



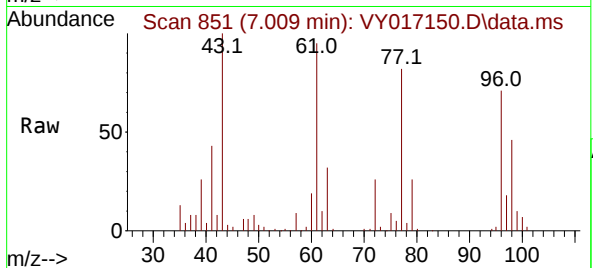
Tgt Ion: 77 Resp: 94576
Ion Ratio Lower Upper
77 100
97 22.9 11.7 35.0





#27
cis-1,2-Dichloroethene
Concen: 51.211 ug/l
RT: 7.009 min Scan# 851
Delta R.T. 0.007 min
Lab File: VY017150.D
Acq: 31 Jan 2024 10:19

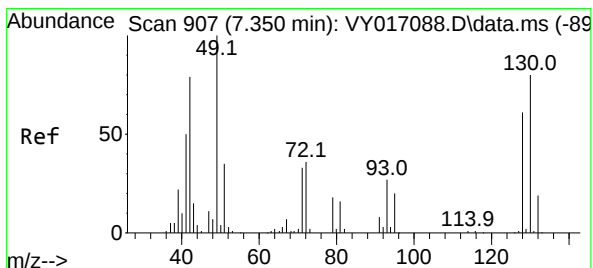
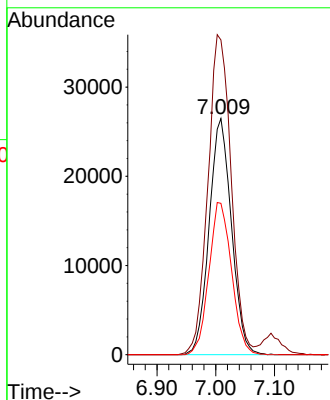
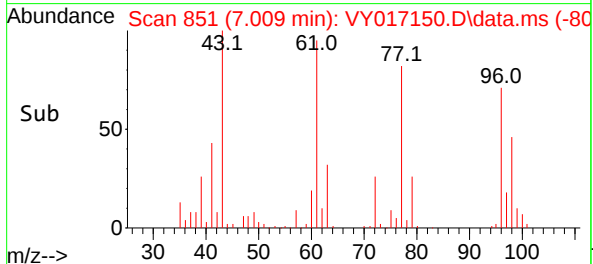
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 96 Resp: 6984
Ion Ratio Lower Upper
96 100
61 141.1 0.0 278.8
98 65.3 0.0 127.0

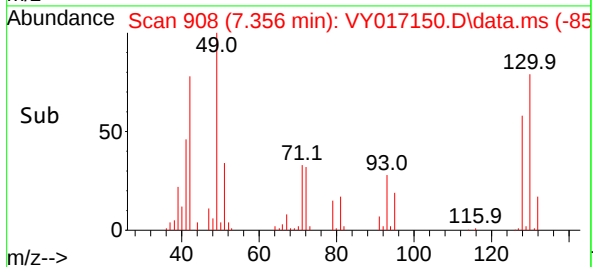
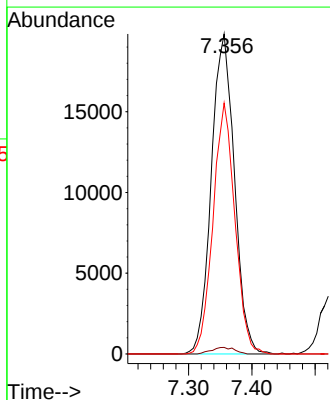
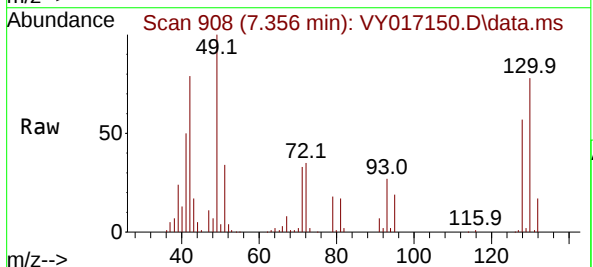
Manual Integrations
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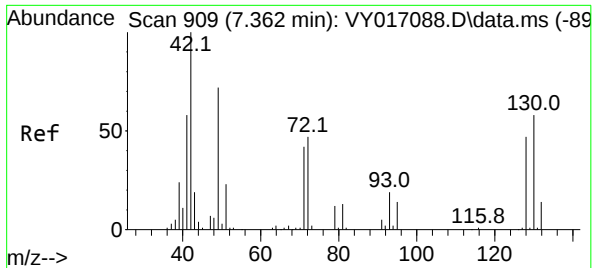
Reviewed By :Mahesh Dadoda 02/01/2024
Supervised By :Semsettin Yesilyurt 02/01/2024



#28
Bromochloromethane
Concen: 58.118 ug/l
RT: 7.356 min Scan# 908
Delta R.T. 0.006 min
Lab File: VY017150.D
Acq: 31 Jan 2024 10:19

Tgt Ion: 49 Resp: 50102
Ion Ratio Lower Upper
49 100
129 2.1 0.0 3.8
130 74.3 59.8 89.8





#29

Tetrahydrofuran

Concen: 260.384 ug/l

RT: 7.368 min Scan# 910

Delta R.T. 0.006 min

Lab File: VY017150.D

Acq: 31 Jan 2024 10:19

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 42 Resp: 53462

Ion Ratio Lower Upper

42 100

72 45.3 36.6 54.8

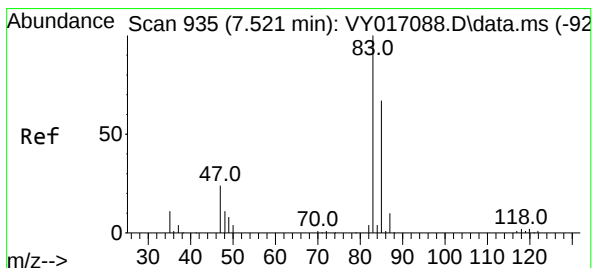
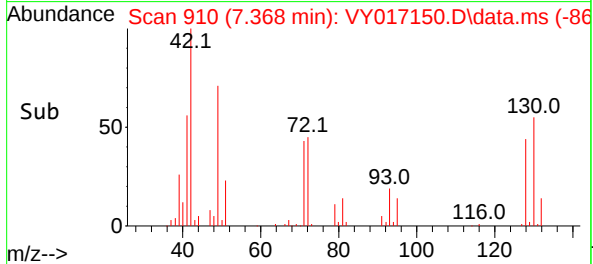
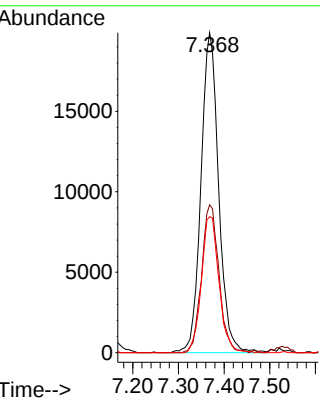
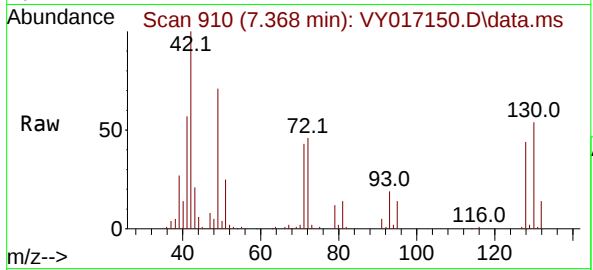
71 42.1 33.8 50.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/01/2024

Supervised By :Semsettin Yesilyurt 02/01/2024



#30

Chloroform

Concen: 52.073 ug/l

RT: 7.521 min Scan# 935

Delta R.T. -0.000 min

Lab File: VY017150.D

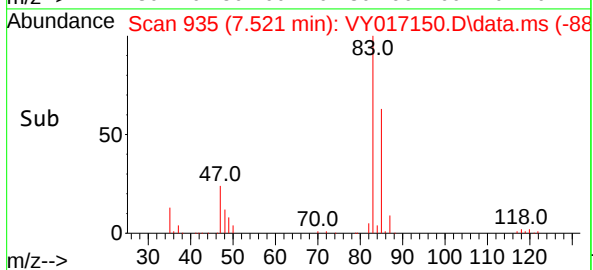
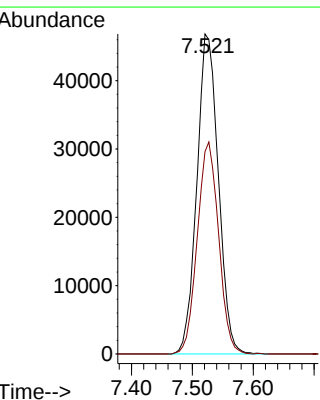
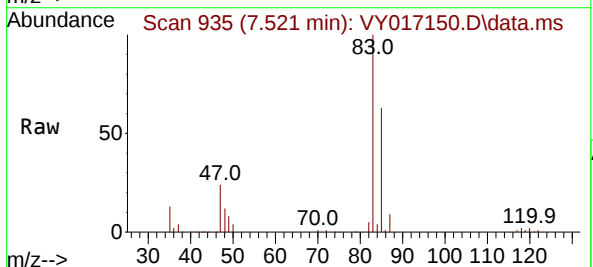
Acq: 31 Jan 2024 10:19

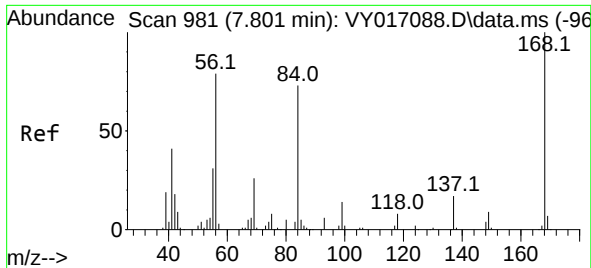
Tgt Ion: 83 Resp: 114818

Ion Ratio Lower Upper

83 100

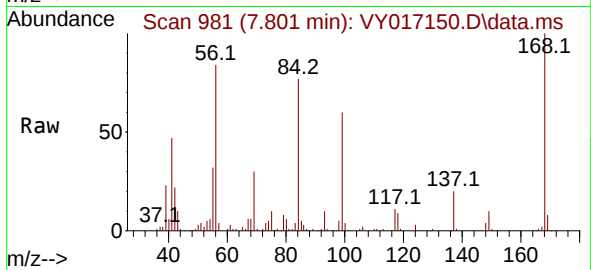
85 63.2 51.2 76.8





#31
Cyclohexane
Concen: 48.973 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY017150.D
Acq: 31 Jan 2024 10:19

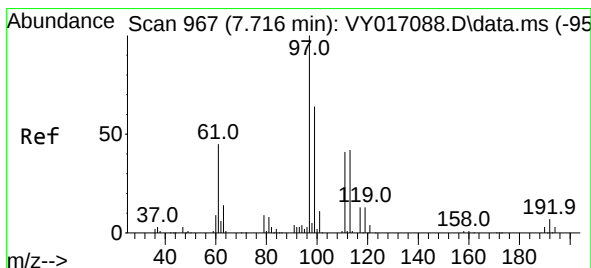
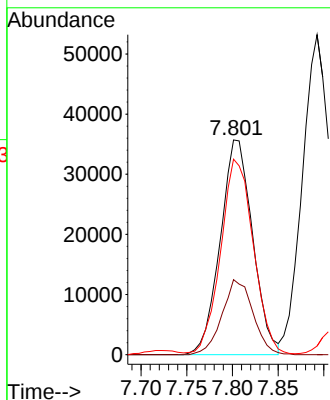
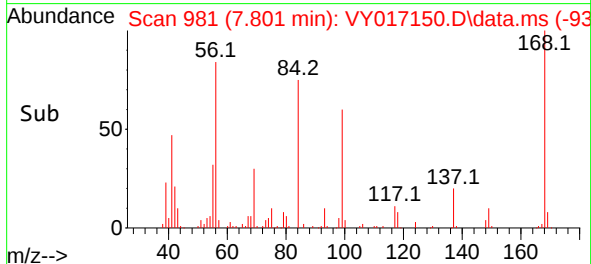
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 88090
Ion Ratio Lower Upper
56 100
69 35.0 27.0 40.6
84 89.9 71.8 107.6

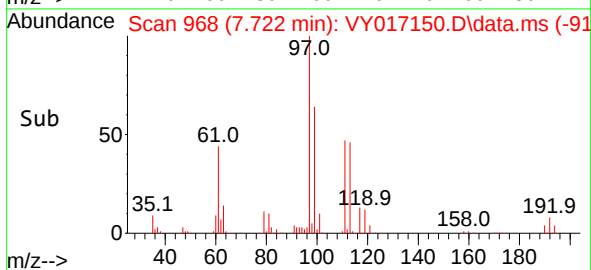
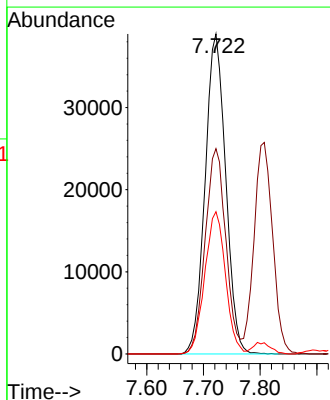
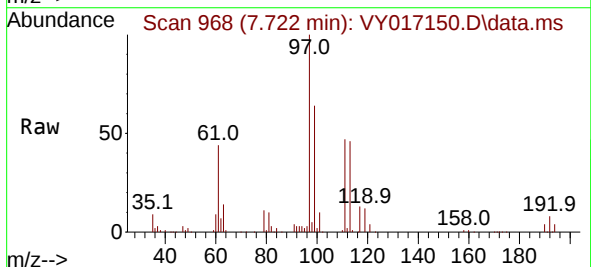
Manual Integrations
APPROVED

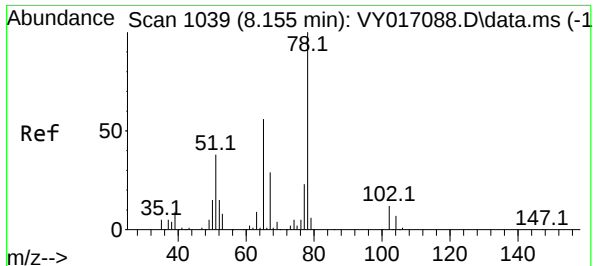
Reviewed By :Mahesh Dadoda 02/01/2024
Supervised By :Semsettin Yesilyurt 02/01/2024



#32
1,1,1-Trichloroethane
Concen: 51.923 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.006 min
Lab File: VY017150.D
Acq: 31 Jan 2024 10:19

Tgt Ion: 97 Resp: 98173
Ion Ratio Lower Upper
97 100
99 64.5 51.2 76.8
61 44.8 35.0 52.6





#33

1,2-Dichloroethane-d4

Concen: 59.998 ug/l

RT: 8.155 min Scan# 1039

Delta R.T. -0.000 min

Lab File: VY017150.D

Acq: 31 Jan 2024 10:19

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 6075

Ion Ratio Lower Upper

65 100

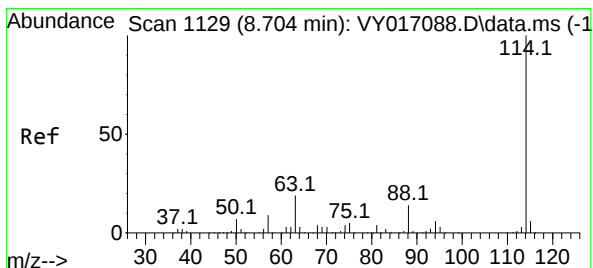
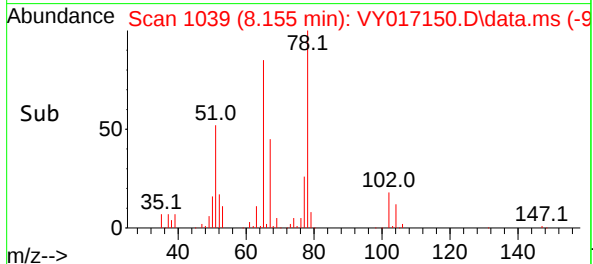
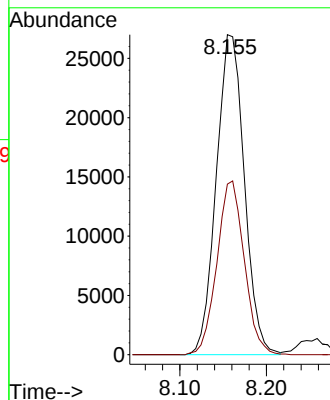
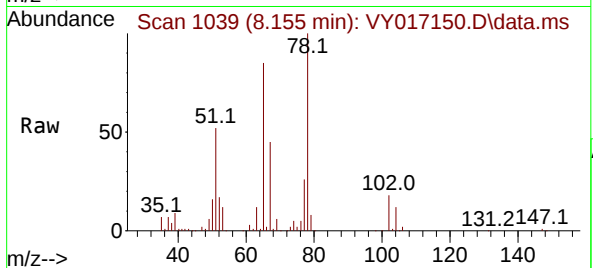
67 52.9 0.0 109.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/01/2024

Supervised By :Semsettin Yesilyurt 02/01/2024



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.704 min Scan# 1129

Delta R.T. 0.001 min

Lab File: VY017150.D

Acq: 31 Jan 2024 10:19

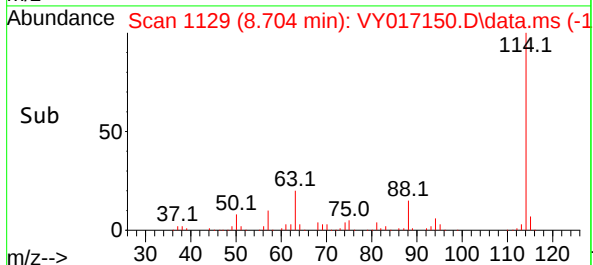
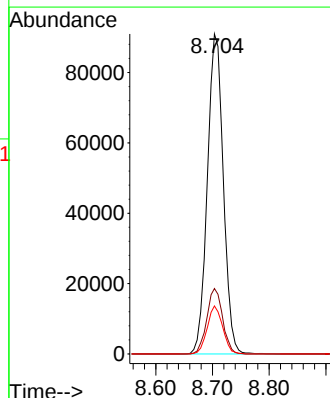
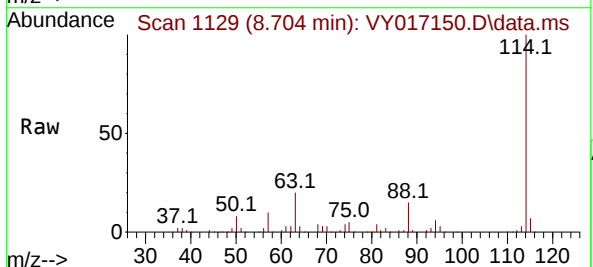
Tgt Ion:114 Resp: 177801

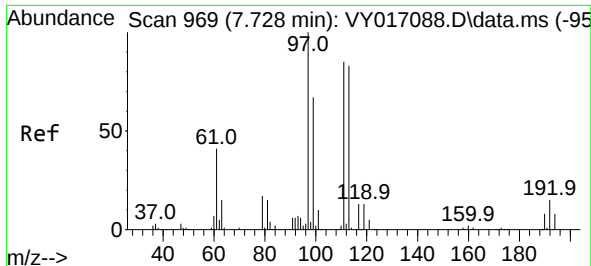
Ion Ratio Lower Upper

114 100

63 20.5 0.0 37.4

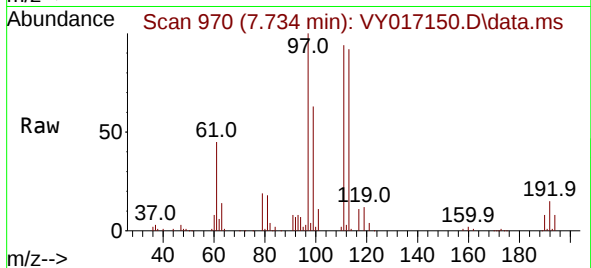
88 15.0 0.0 29.0





#35
Dibromofluoromethane
Concen: 57.144 ug/l
RT: 7.734 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY017150.D
Acq: 31 Jan 2024 10:19

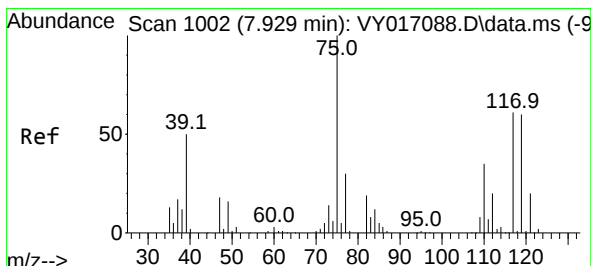
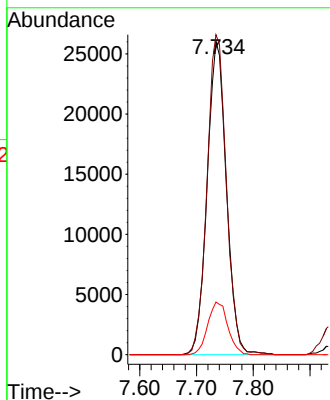
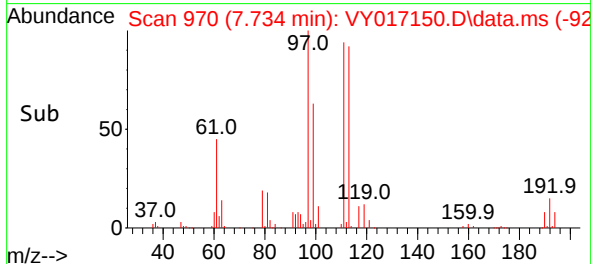
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



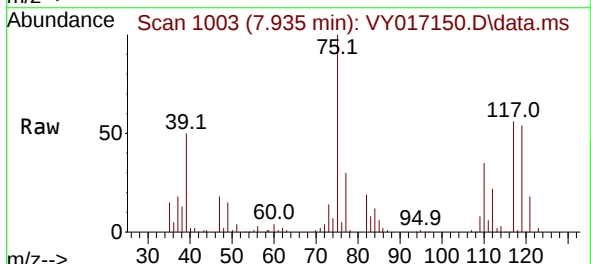
Tgt Ion:113 Resp: 6132
Ion Ratio Lower Upper
113 100
111 102.5 83.8 125.6
192 17.5 14.5 21.7

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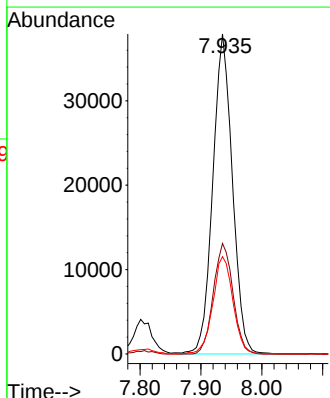
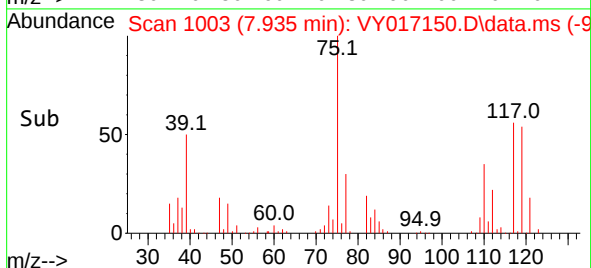
Reviewed By :Mahesh Dadoda 02/01/2024
Supervised By :Semsettin Yesilyurt 02/01/2024

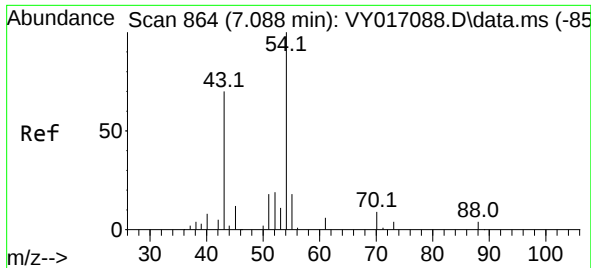


#36
1,1-Dichloropropene
Concen: 47.999 ug/l
RT: 7.935 min Scan# 1003
Delta R.T. 0.006 min
Lab File: VY017150.D
Acq: 31 Jan 2024 10:19



Tgt Ion: 75 Resp: 84747
Ion Ratio Lower Upper
75 100
110 34.6 17.4 52.3
77 31.1 24.7 37.1





#37

Ethyl Acetate

Concen: 49.249 ug/l

RT: 7.094 min Scan# 80

Delta R.T. 0.006 min

Lab File: VY017150.D

Acq: 31 Jan 2024 10:19

Instrument :

MSVOA_Y

ClientSampleId :

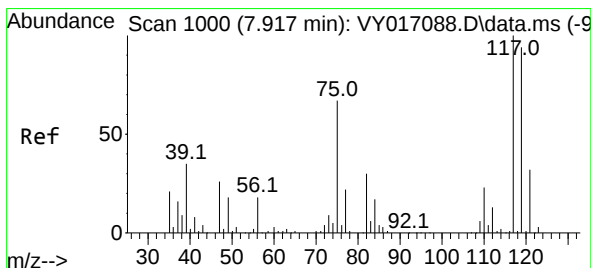
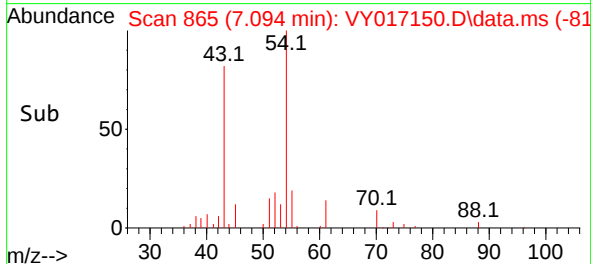
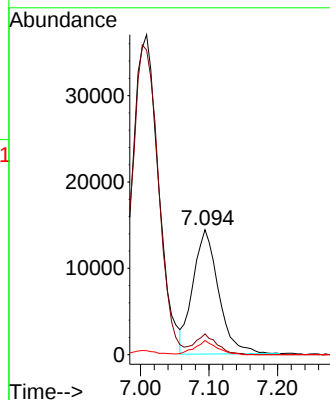
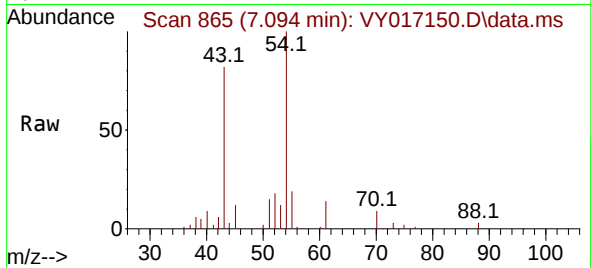
VSTDCCC050

Tgt Ion:	43	Resp:	37389
Ion	Ratio	Lower	Upper
43	100		
61	14.7	11.0	16.6
70	9.7	8.1	12.1

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/01/2024
Supervised By :Semsettin Yesilyurt 02/01/2024



#38

Carbon Tetrachloride

Concen: 48.644 ug/l

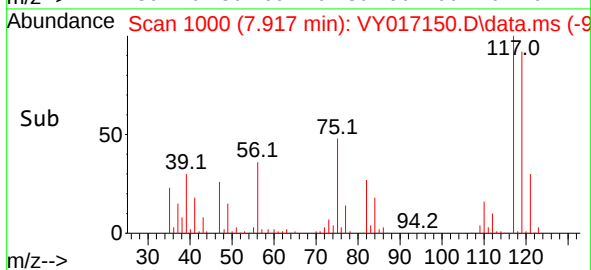
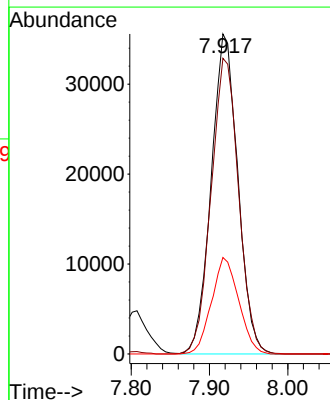
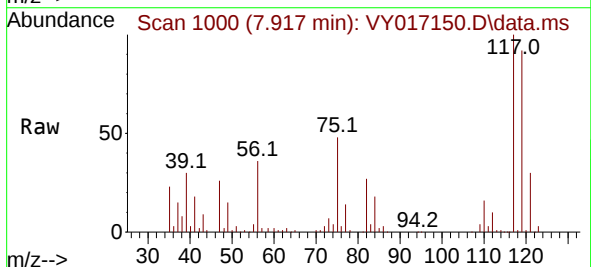
RT: 7.917 min Scan# 1000

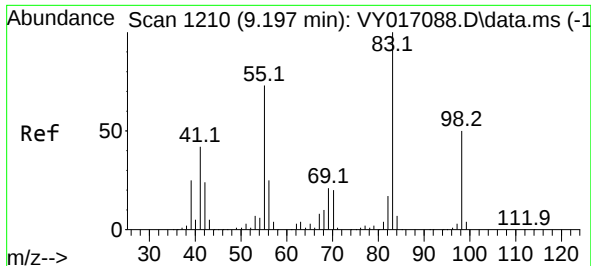
Delta R.T. 0.000 min

Lab File: VY017150.D

Acq: 31 Jan 2024 10:19

Tgt Ion:	117	Resp:	84165
Ion	Ratio	Lower	Upper
117	100		
119	92.2	76.0	114.0
121	30.1	24.2	36.2





#39
Methylcyclohexane
Concen: 46.476 ug/l
RT: 9.197 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY017150.D
Acq: 31 Jan 2024 10:19

Instrument :

MSVOA_Y

ClientSampleId :

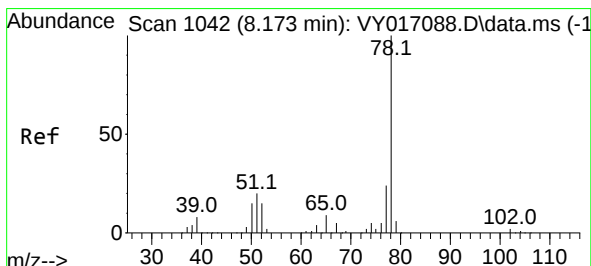
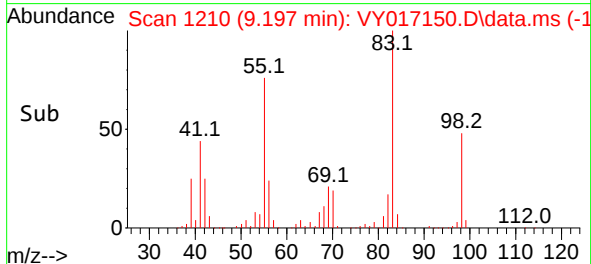
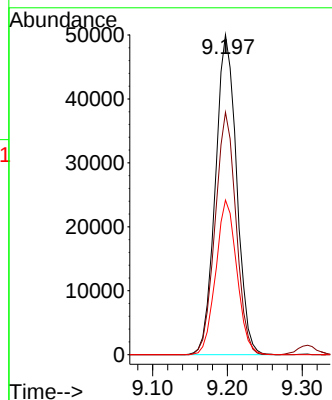
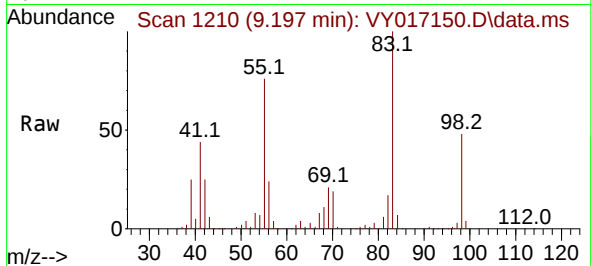
VSTDCCC050

Tgt Ion: 83 Resp: 98690
Ion Ratio Lower Upper
83 100
55 75.8 59.7 89.5
98 48.3 38.0 57.0

Manual Integrations

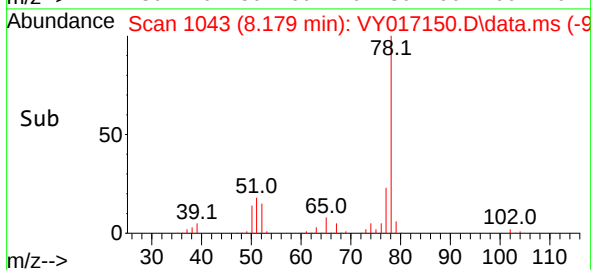
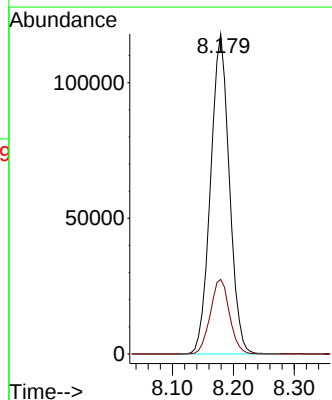
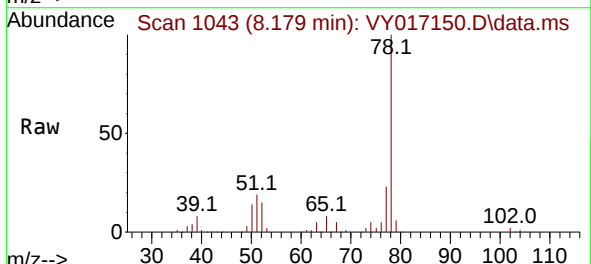
APPROVED

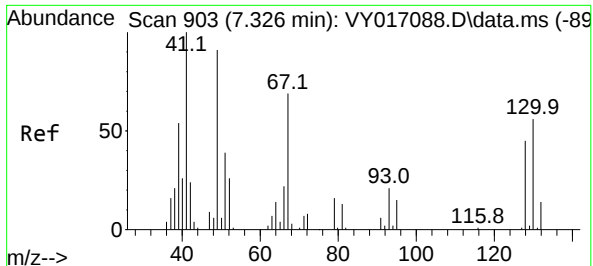
Reviewed By :Mahesh Dadoda 02/01/2024
Supervised By :Semsettin Yesilyurt 02/01/2024



#40
Benzene
Concen: 49.139 ug/l
RT: 8.179 min Scan# 1043
Delta R.T. 0.006 min
Lab File: VY017150.D
Acq: 31 Jan 2024 10:19

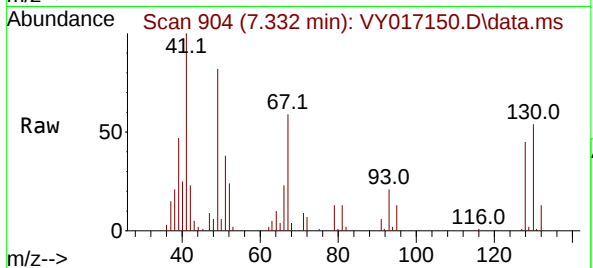
Tgt Ion: 78 Resp: 251964
Ion Ratio Lower Upper
78 100
77 23.3 18.8 28.2





#41
Methacrylonitrile
Concen: 46.189 ug/l
RT: 7.332 min Scan# 903
Delta R.T. 0.013 min
Lab File: VY017150.D
Acq: 31 Jan 2024 10:19

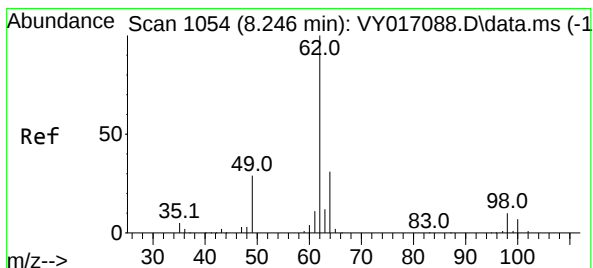
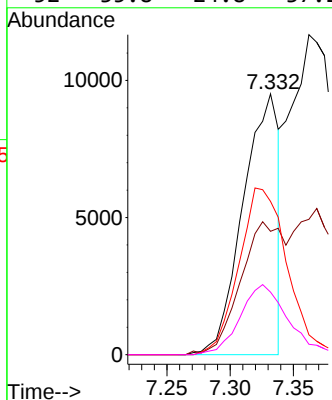
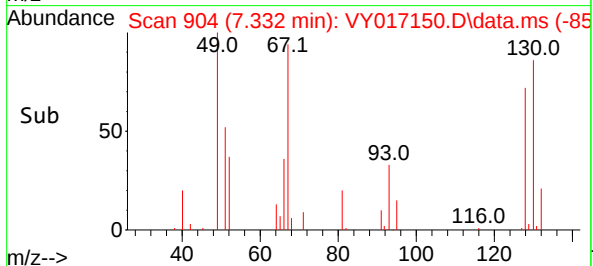
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 41 Resp: 18754
Ion Ratio Lower Upper
41 100
39 62.2 41.9 62.9
67 86.7 59.8 89.6
52 35.8 24.8 37.2

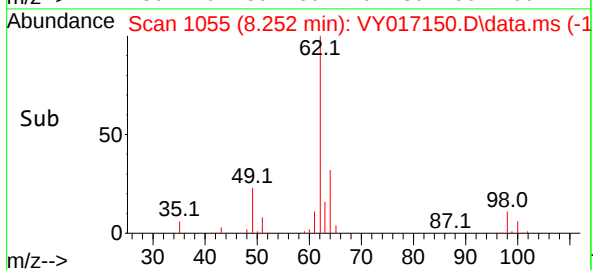
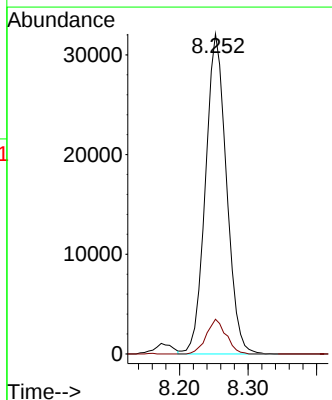
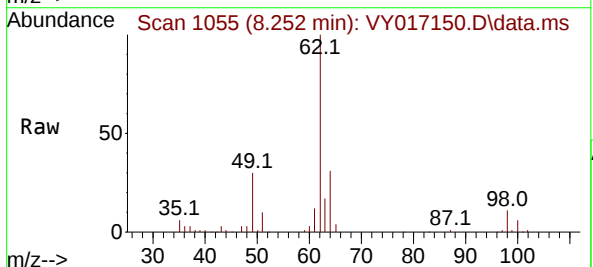
Manual Integrations
APPROVED

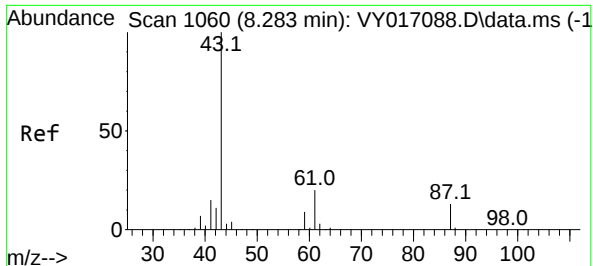
Reviewed By :Mahesh Dadoda 02/01/2024
Supervised By :Semsettin Yesilyurt 02/01/2024



#42
1,2-Dichloroethane
Concen: 51.483 ug/l
RT: 8.252 min Scan# 1055
Delta R.T. 0.000 min
Lab File: VY017150.D
Acq: 31 Jan 2024 10:19

Tgt Ion: 62 Resp: 68438
Ion Ratio Lower Upper
62 100
98 10.2 0.0 20.2





#43

Isopropyl Acetate

Concen: 50.704 ug/l

RT: 8.289 min Scan# 1060

Delta R.T. 0.006 min

Lab File: VY017150.D

Acq: 31 Jan 2024 10:19

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

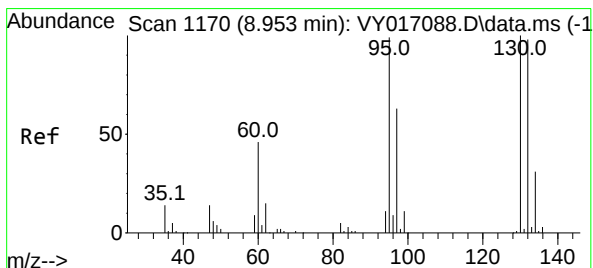
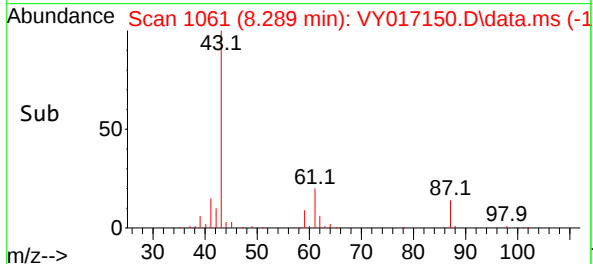
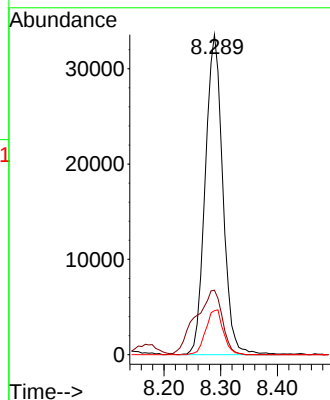
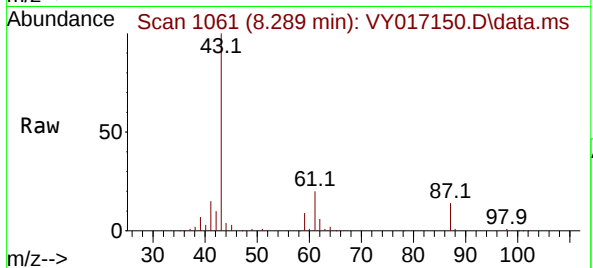
Tgt Ion: 43 Resp: 7186

Ion	Ratio	Lower	Upper
43	100		
61	30.7	24.8	37.2
87	14.0	10.7	16.1

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/01/2024
Supervised By :Semsettin Yesilyurt 02/01/2024



#44

Trichloroethene

Concen: 48.446 ug/l

RT: 8.953 min Scan# 1170

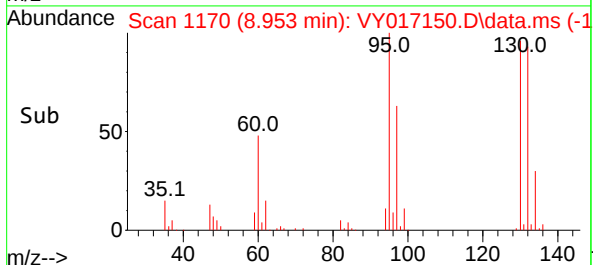
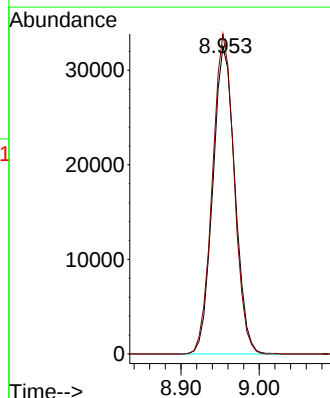
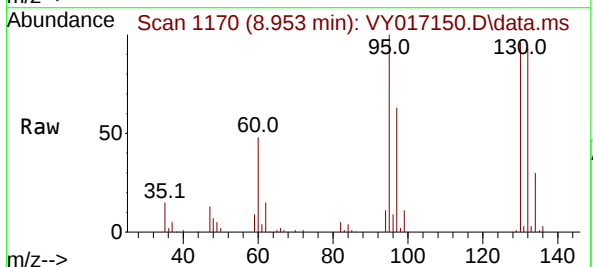
Delta R.T. 0.006 min

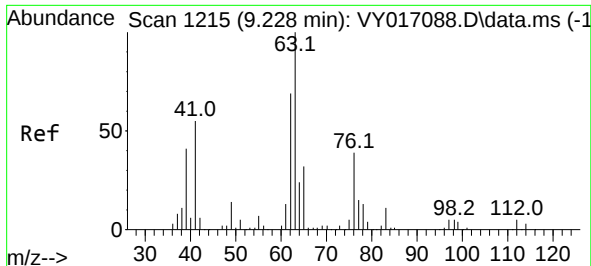
Lab File: VY017150.D

Acq: 31 Jan 2024 10:19

Tgt Ion:130 Resp: 63713

Ion	Ratio	Lower	Upper
130	100		
95	104.2	0.0	203.8





#45

1,2-Dichloropropane

Concen: 52.228 ug/l

RT: 9.228 min Scan# 1215

Delta R.T. -0.000 min

Lab File: VY017150.D

Acq: 31 Jan 2024 10:19

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 6573

Ion Ratio Lower Upper

63 100

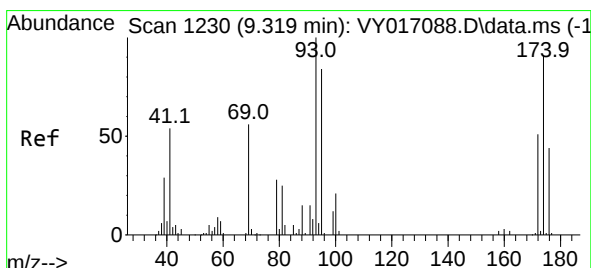
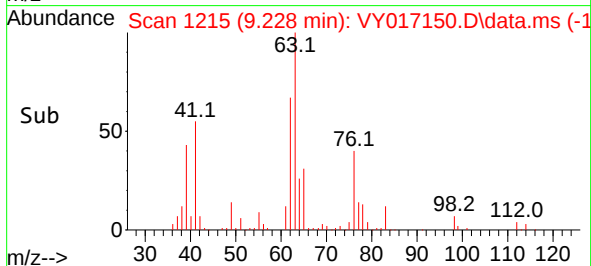
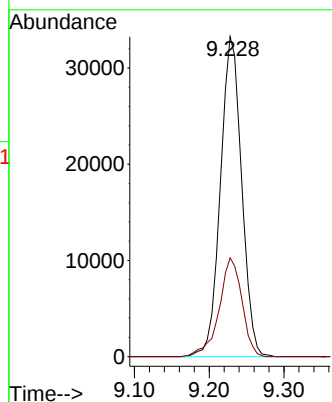
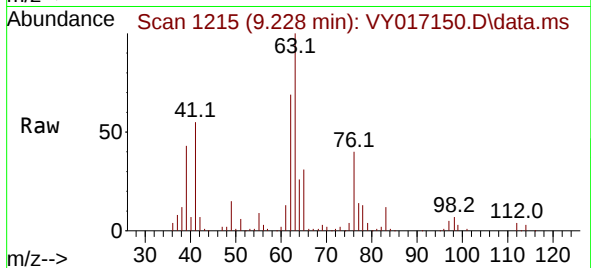
65 30.9 24.6 36.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/01/2024

Supervised By :Semsettin Yesilyurt 02/01/2024



#46

Dibromomethane

Concen: 49.922 ug/l

RT: 9.319 min Scan# 1230

Delta R.T. 0.006 min

Lab File: VY017150.D

Acq: 31 Jan 2024 10:19

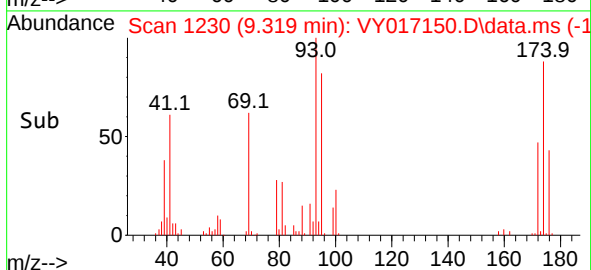
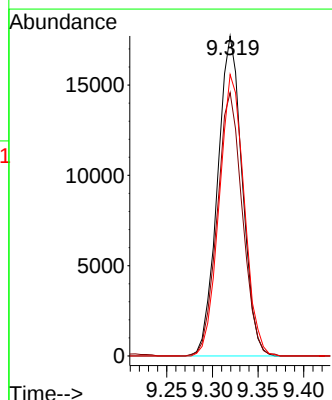
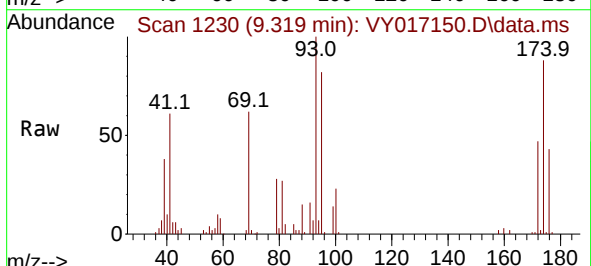
Tgt Ion: 93 Resp: 33367

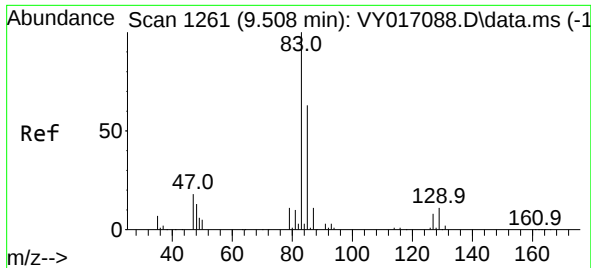
Ion Ratio Lower Upper

93 100

95 83.6 66.6 99.8

174 88.7 73.8 110.6





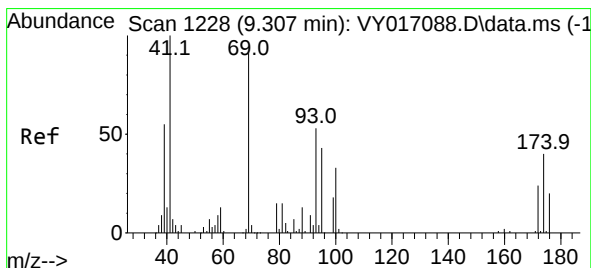
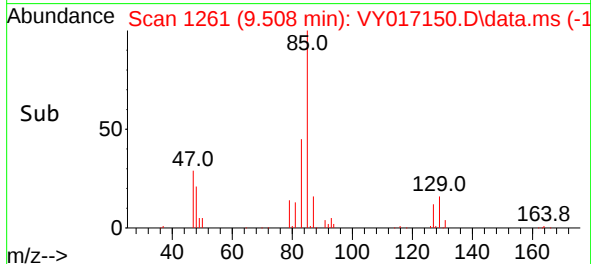
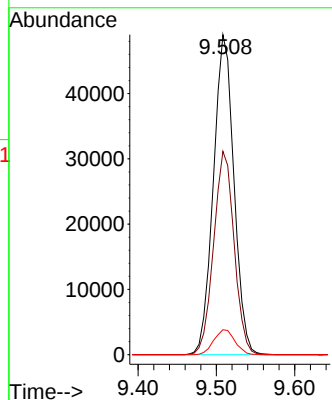
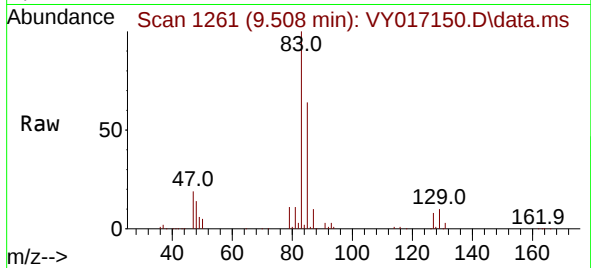
#47
Bromodichloromethane
Concen: 52.566 ug/l
RT: 9.508 min Scan# 1261
Delta R.T. 0.000 min
Lab File: VY017150.D
Acq: 31 Jan 2024 10:19

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 8938
Ion Ratio Lower Upper
83 100
85 63.6 53.2 79.8
127 7.8 6.4 9.6

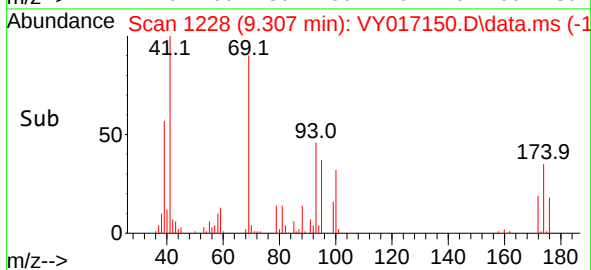
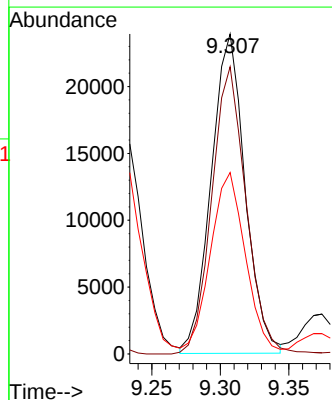
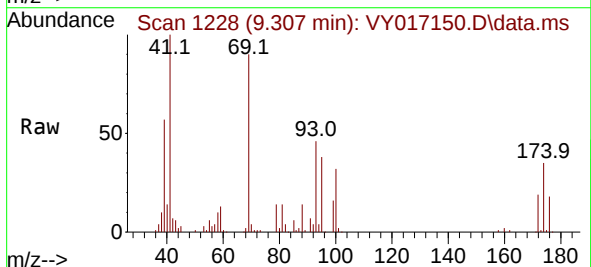
Manual Integrations
APPROVED

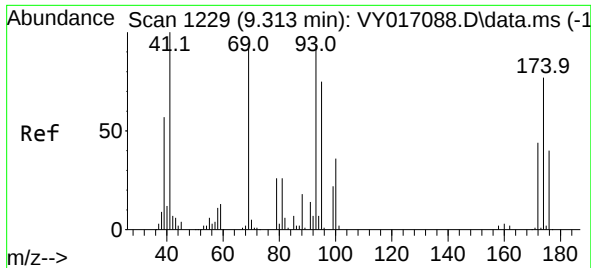
Reviewed By :Mahesh Dadoda 02/01/2024
Supervised By :Semsettin Yesilyurt 02/01/2024



#48
Methyl methacrylate
Concen: 52.260 ug/l
RT: 9.307 min Scan# 1228
Delta R.T. 0.006 min
Lab File: VY017150.D
Acq: 31 Jan 2024 10:19

Tgt Ion: 41 Resp: 41124
Ion Ratio Lower Upper
41 100
69 90.8 72.1 108.1
39 55.9 42.8 64.2





#49

1,4-Dioxane

Concen: 1117.196 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. -0.006 min

Lab File: VY017150.D

Acq: 31 Jan 2024 10:19

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 88 Resp: 7344

Ion Ratio Lower Upper

88 100

43 36.1 28.2 42.4

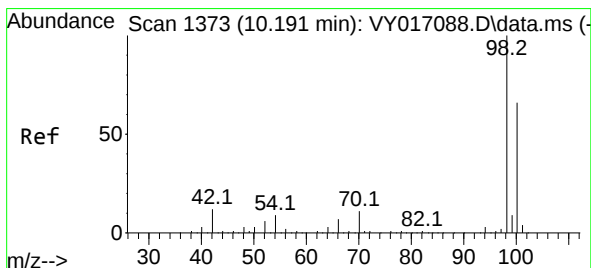
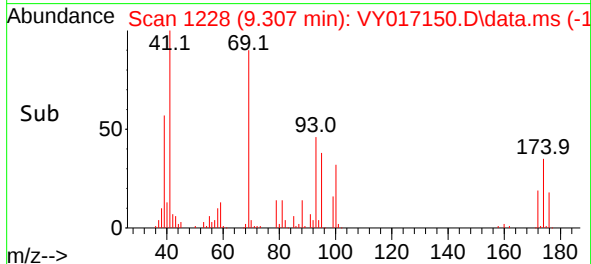
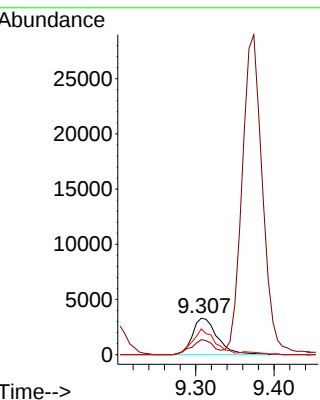
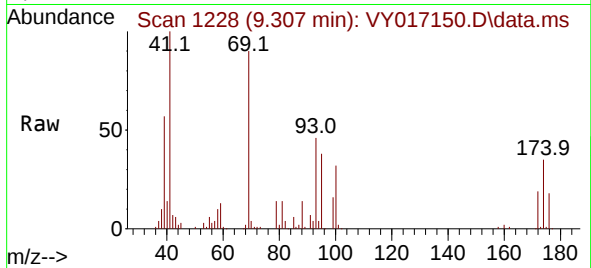
58 63.7 52.2 78.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/01/2024

Supervised By :Semsettin Yesilyurt 02/01/2024



#50

Toluene-d8

Concen: 57.802 ug/l

RT: 10.191 min Scan# 1373

Delta R.T. 0.000 min

Lab File: VY017150.D

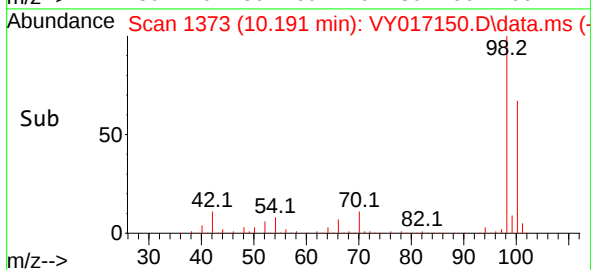
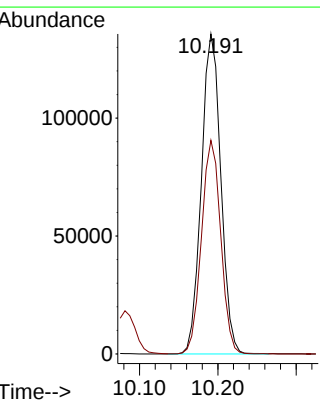
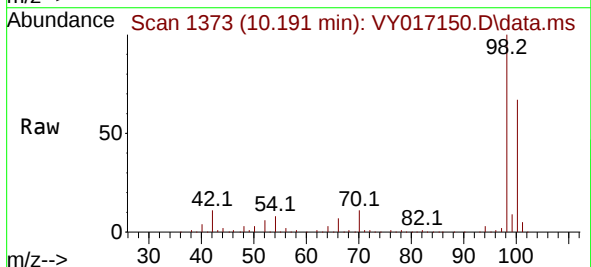
Acq: 31 Jan 2024 10:19

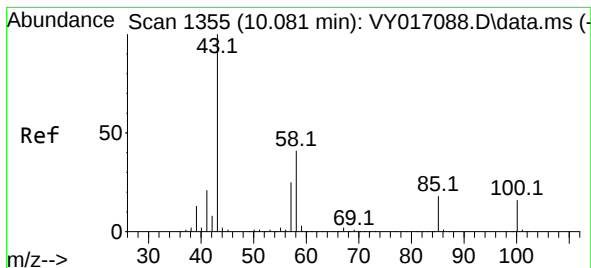
Tgt Ion: 98 Resp: 234281

Ion Ratio Lower Upper

98 100

100 66.1 52.3 78.5





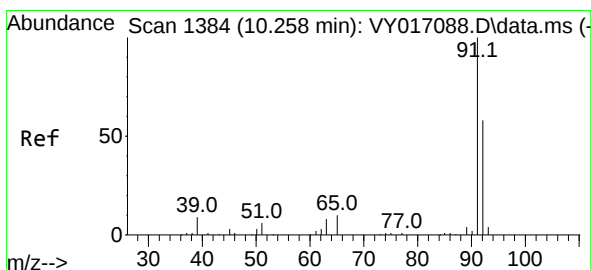
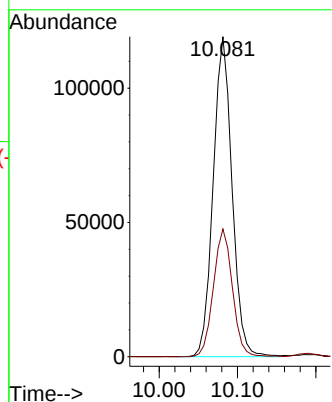
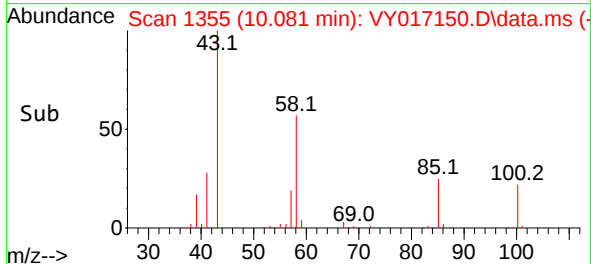
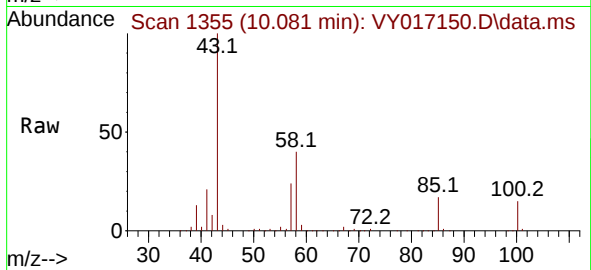
#51
4-Methyl-2-Pentanone
Concen: 264.537 ug/l
RT: 10.081 min Scan# 1355
Delta R.T. 0.000 min
Lab File: VY017150.D
Acq: 31 Jan 2024 10:19

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 199440
Ion Ratio Lower Upper
43 100
58 40.1 32.2 48.2

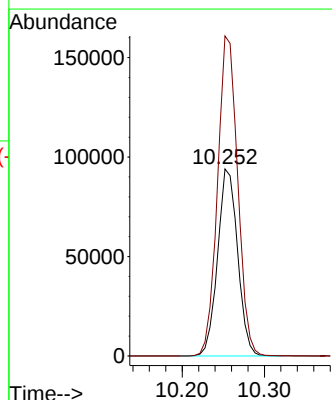
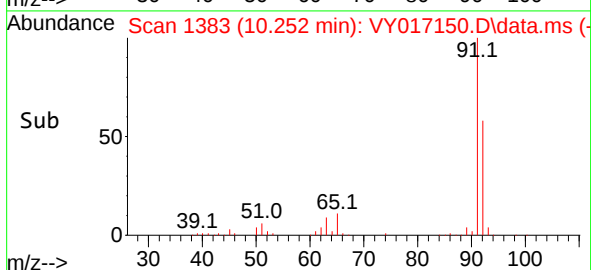
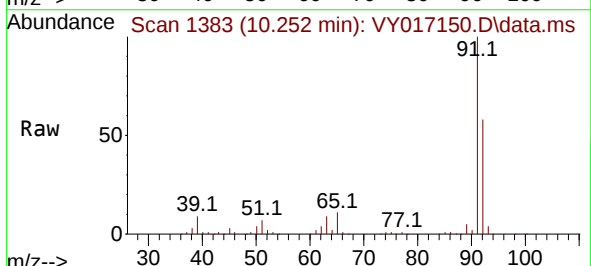
Manual Integrations
APPROVED

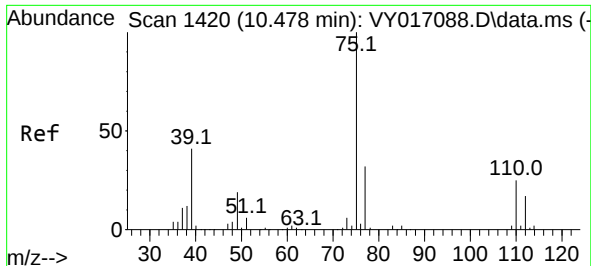
Reviewed By :Mahesh Dadoda 02/01/2024
Supervised By :Semsettin Yesilyurt 02/01/2024



#52
Toluene
Concen: 51.261 ug/l
RT: 10.252 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VY017150.D
Acq: 31 Jan 2024 10:19

Tgt Ion: 92 Resp: 159088
Ion Ratio Lower Upper
92 100
91 172.4 137.6 206.4





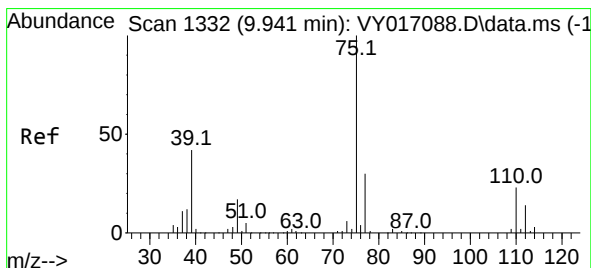
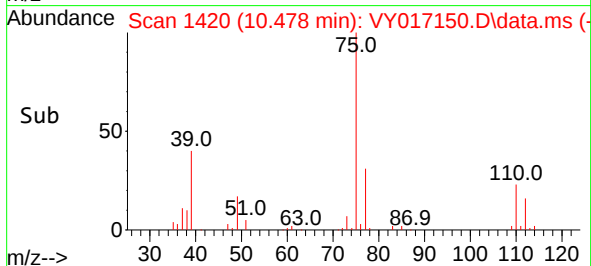
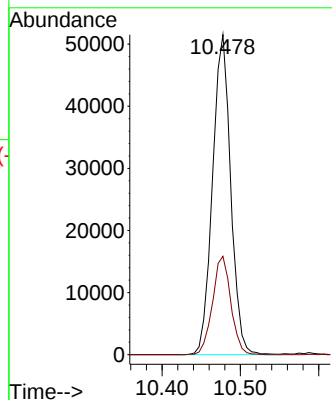
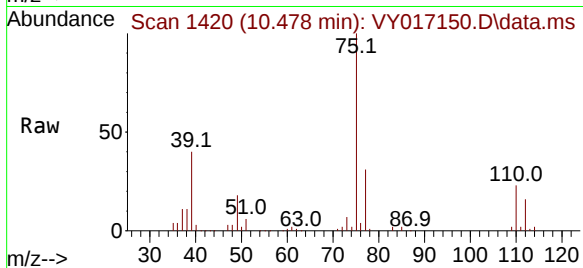
#53
t-1,3-Dichloropropene
Concen: 53.420 ug/l
RT: 10.478 min Scan# 1420
Delta R.T. 0.007 min
Lab File: VY017150.D
Acq: 31 Jan 2024 10:19

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 82980
Ion Ratio Lower Upper
75 100
77 30.7 24.6 36.8

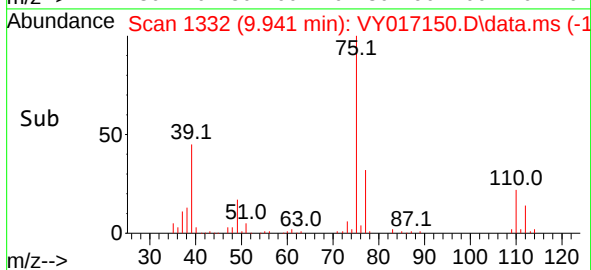
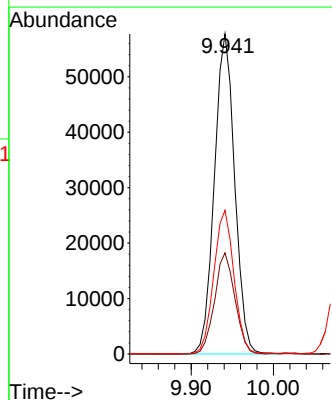
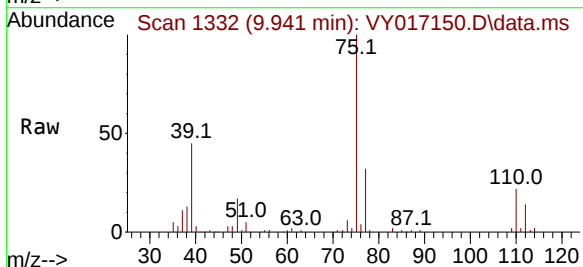
Manual Integrations
APPROVED

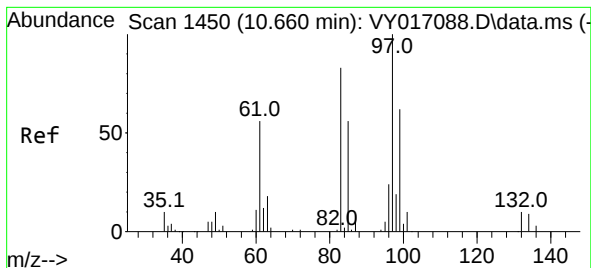
Reviewed By :Mahesh Dadoda 02/01/2024
Supervised By :Semsettin Yesilyurt 02/01/2024



#54
cis-1,3-Dichloropropene
Concen: 51.898 ug/l
RT: 9.941 min Scan# 1332
Delta R.T. 0.000 min
Lab File: VY017150.D
Acq: 31 Jan 2024 10:19

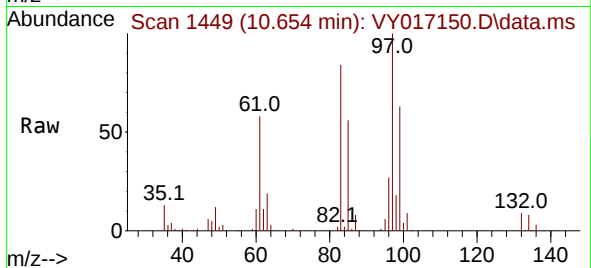
Tgt Ion: 75 Resp: 99149
Ion Ratio Lower Upper
75 100
77 31.6 24.6 36.8
39 44.9 33.6 50.4





#55
1,1,2-Trichloroethane
Concen: 51.127 ug/l
RT: 10.654 min Scan# 1449
Delta R.T. 0.000 min
Lab File: VY017150.D
Acq: 31 Jan 2024 10:19

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

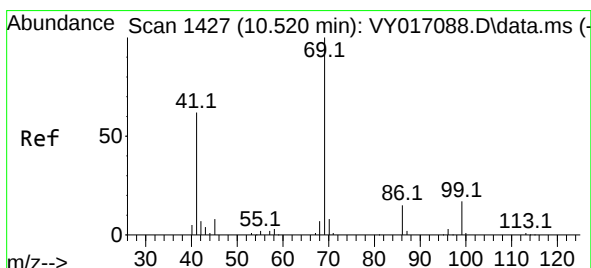
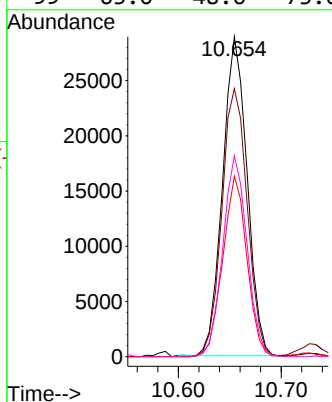
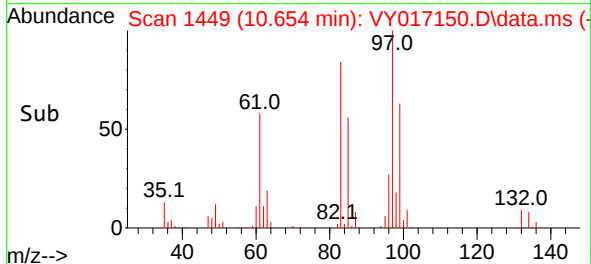


Tgt Ion: 97 Resp: 47760

Ion	Ratio	Lower	Upper
97	100		
83	84.0	69.4	104.2
85	56.6	43.9	65.9
99	63.0	48.6	73.0

Manual Integrations
APPROVED

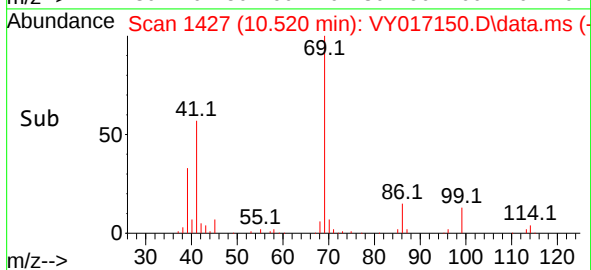
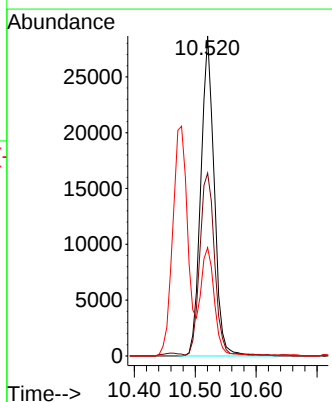
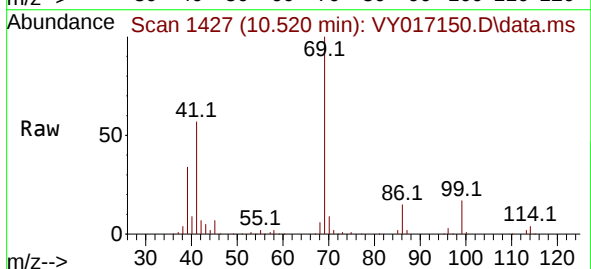
Reviewed By :Mahesh Dadoda 02/01/2024
Supervised By :Semsettin Yesilyurt 02/01/2024

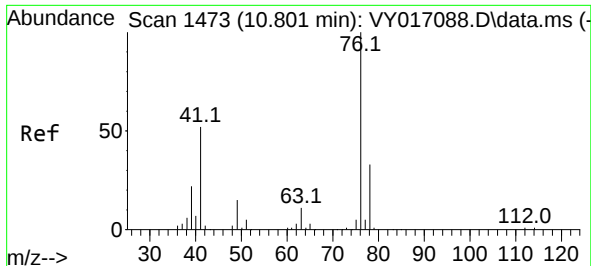


#56
Ethyl methacrylate
Concen: 53.811 ug/l
RT: 10.520 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VY017150.D
Acq: 31 Jan 2024 10:19

Tgt Ion: 69 Resp: 43958

Ion	Ratio	Lower	Upper
69	100		
41	62.2	49.2	73.8
39	32.7	26.8	40.2





#57

1,3-Dichloropropane

Concen: 51.368 ug/l

RT: 10.801 min Scan# 1473

Delta R.T. 0.001 min

Lab File: VY017150.D

Acq: 31 Jan 2024 10:19

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 81128

Ion Ratio Lower Upper

76 100

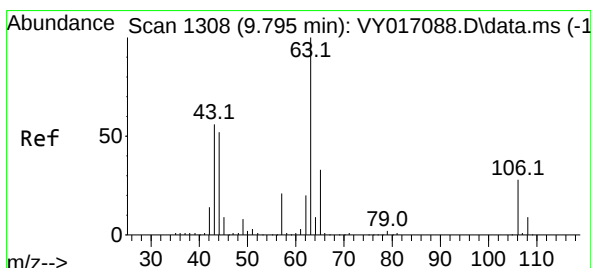
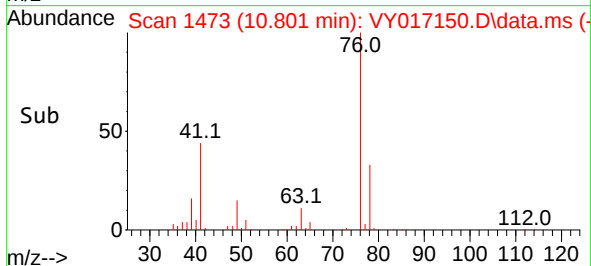
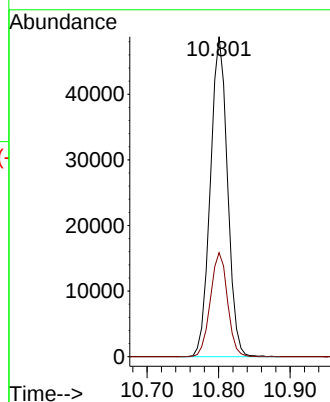
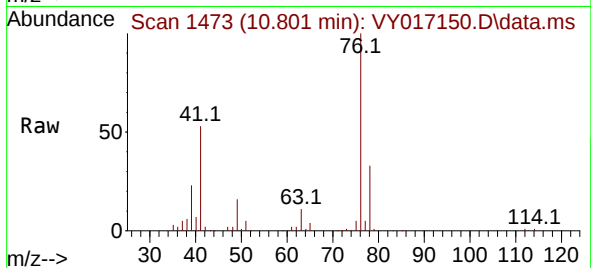
78 32.4 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/01/2024

Supervised By :Semsettin Yesilyurt 02/01/2024



#58

2-Chloroethyl Vinyl ether

Concen: 308.036 ug/l

RT: 9.795 min Scan# 1308

Delta R.T. 0.007 min

Lab File: VY017150.D

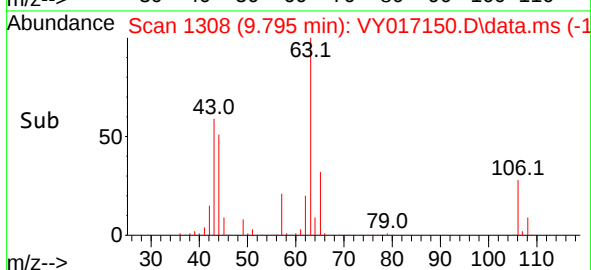
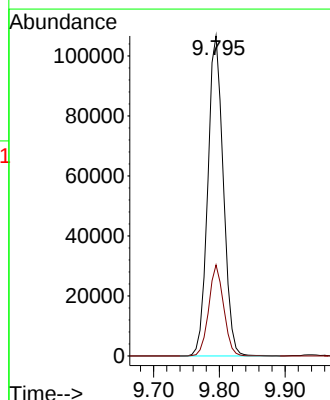
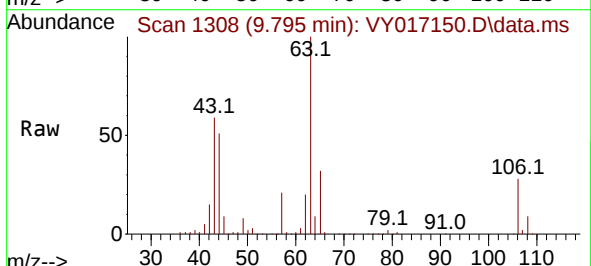
Acq: 31 Jan 2024 10:19

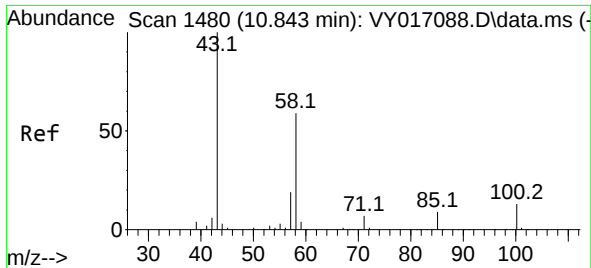
Tgt Ion: 63 Resp: 174671

Ion Ratio Lower Upper

63 100

106 27.3 22.4 33.6





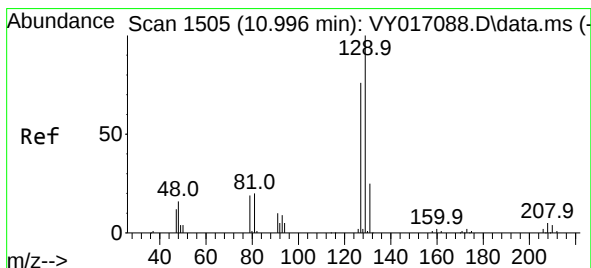
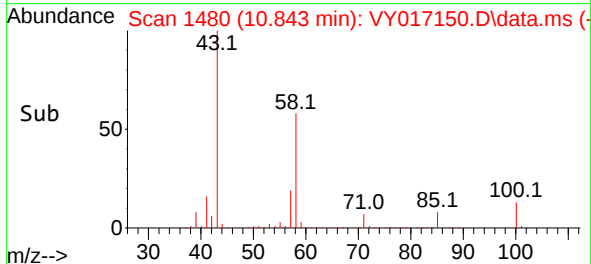
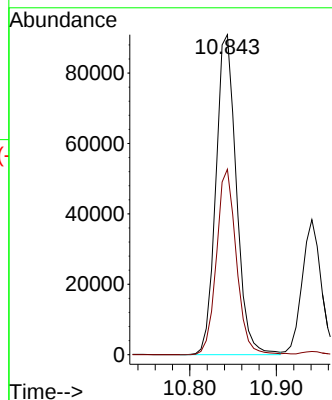
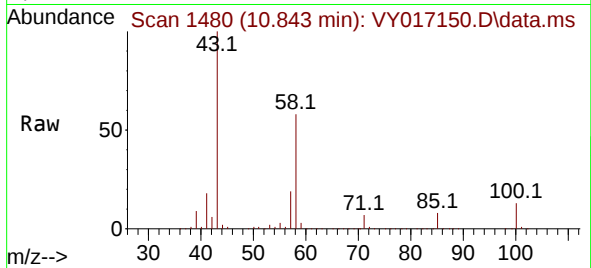
#59
2-Hexanone
Concen: 259.576 ug/l
RT: 10.843 min Scan# 1480
Delta R.T. 0.000 min
Lab File: VY017150.D
Acq: 31 Jan 2024 10:19

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 14930
Ion Ratio Lower Upper
43 100
58 56.3 28.1 84.3

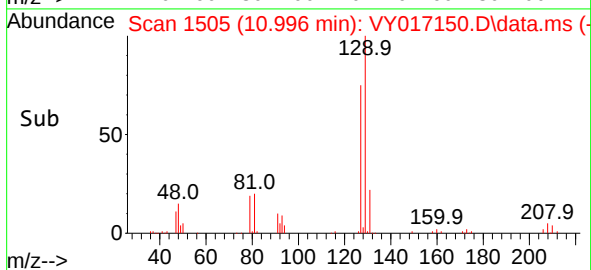
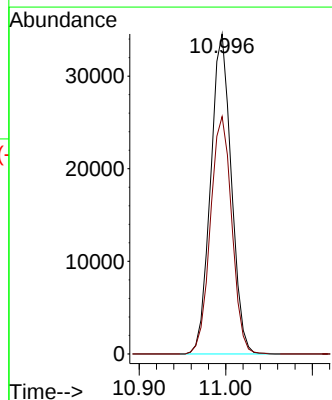
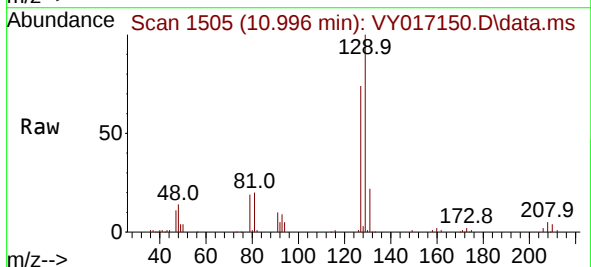
Manual Integrations
APPROVED

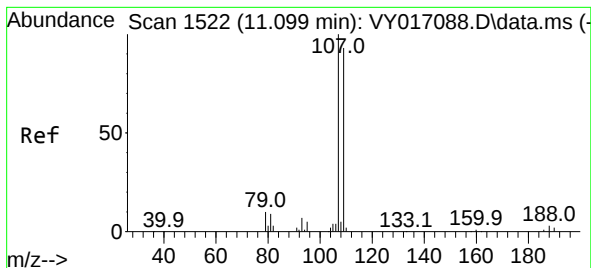
Reviewed By :Mahesh Dadoda 02/01/2024
Supervised By :Semsettin Yesilyurt 02/01/2024



#60
Dibromochloromethane
Concen: 52.877 ug/l
RT: 10.996 min Scan# 1505
Delta R.T. -0.000 min
Lab File: VY017150.D
Acq: 31 Jan 2024 10:19

Tgt Ion:129 Resp: 57387
Ion Ratio Lower Upper
129 100
127 76.6 39.2 117.6





#61

1,2-Dibromoethane

Concen: 51.211 ug/l

RT: 11.099 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY017150.D

Acq: 31 Jan 2024 10:19

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion:107 Resp: 43458

Ion Ratio Lower Upper

107 100

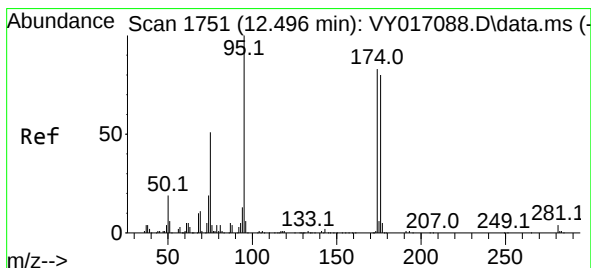
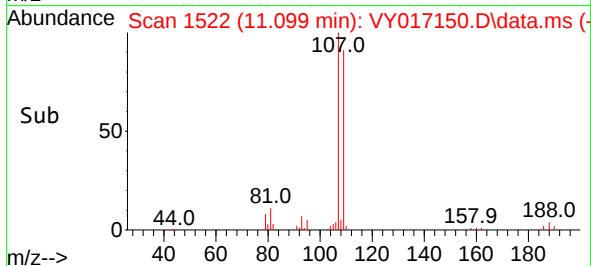
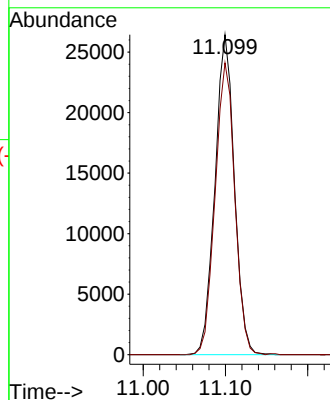
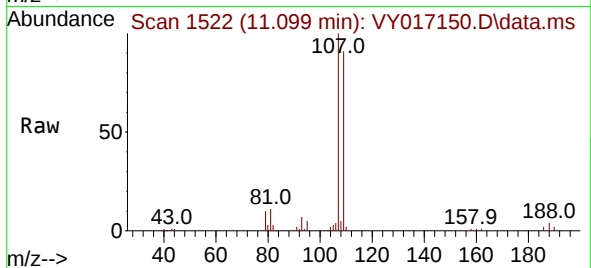
109 92.3 75.4 113.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/01/2024

Supervised By :Semsettin Yesilyurt 02/01/2024



#62

4-Bromofluorobenzene

Concen: 59.440 ug/l

RT: 12.489 min Scan# 1750

Delta R.T. 0.000 min

Lab File: VY017150.D

Acq: 31 Jan 2024 10:19

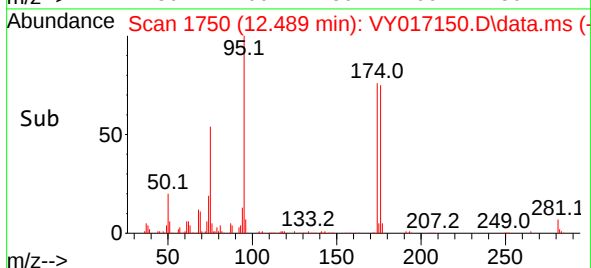
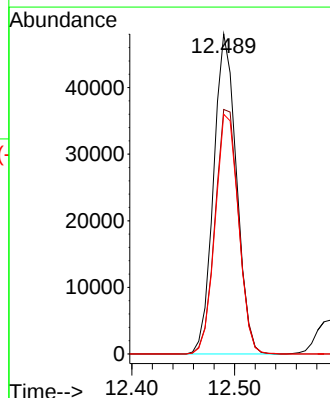
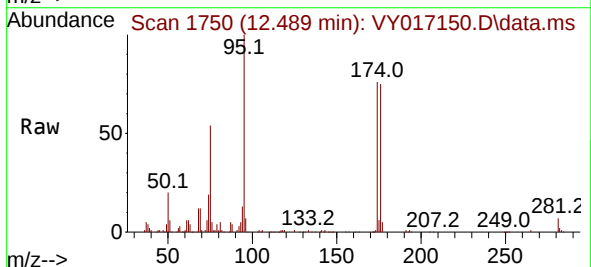
Tgt Ion: 95 Resp: 74217

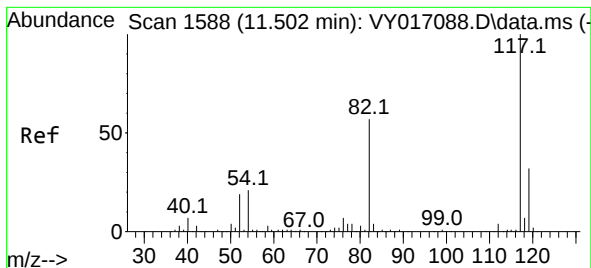
Ion Ratio Lower Upper

95 100

174 78.7 0.0 160.0

176 76.3 0.0 151.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.502 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY017150.D

Acq: 31 Jan 2024 10:19

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion:117 Resp: 15560

Ion Ratio Lower Upper

117 100

82 53.0 43.8 65.8

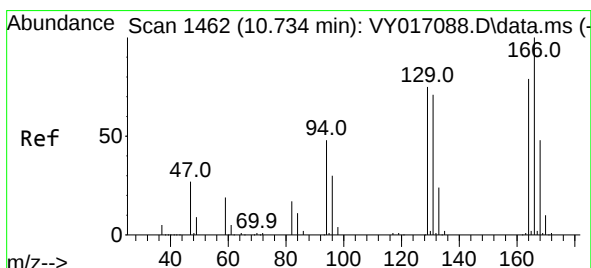
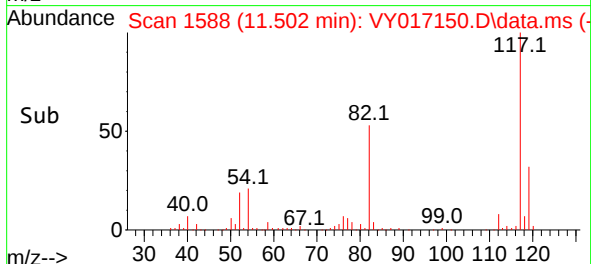
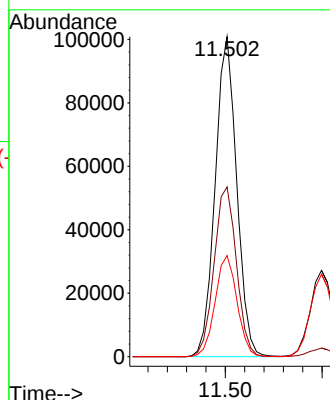
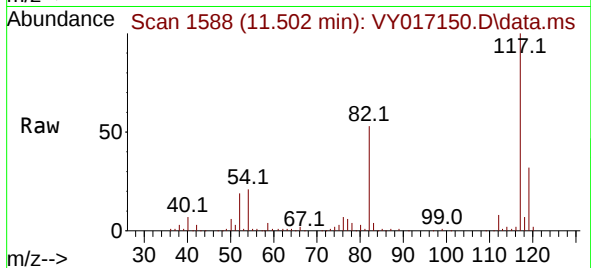
119 31.6 26.5 39.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/01/2024

Supervised By :Semsettin Yesilyurt 02/01/2024



#64

Tetrachloroethene

Concen: 47.230 ug/l

RT: 10.734 min Scan# 1462

Delta R.T. 0.007 min

Lab File: VY017150.D

Acq: 31 Jan 2024 10:19

Tgt Ion:164 Resp: 51226

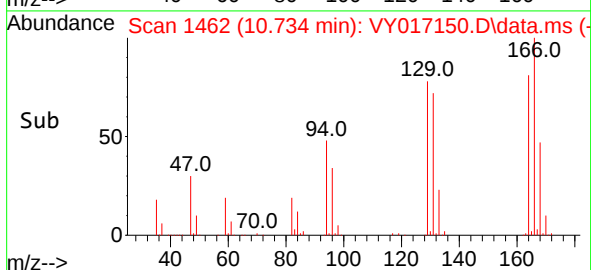
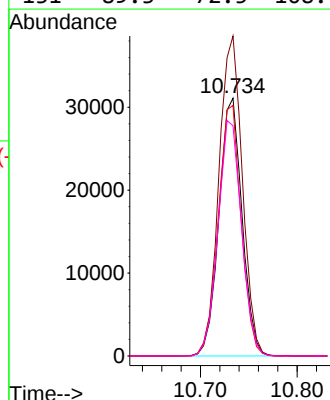
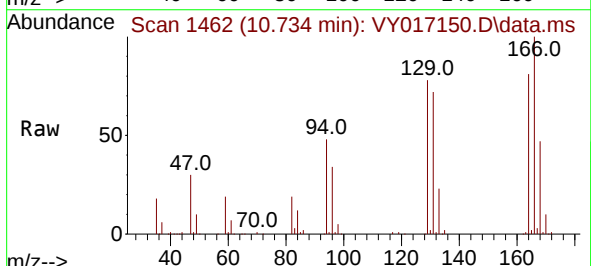
Ion Ratio Lower Upper

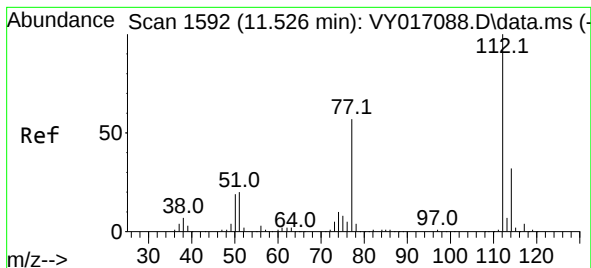
164 100

166 124.1 98.8 148.2

129 97.2 78.9 118.3

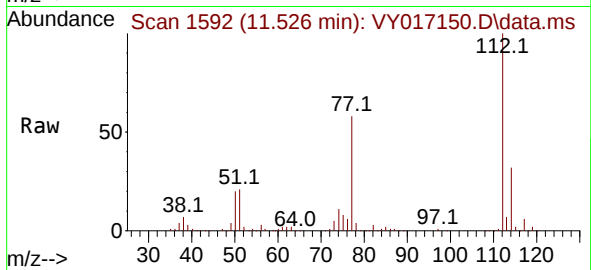
131 89.3 72.5 108.7





#65
Chlorobenzene
Concen: 50.267 ug/l
RT: 11.526 min Scan# 11592
Delta R.T. 0.000 min
Lab File: VY017150.D
Acq: 31 Jan 2024 10:19

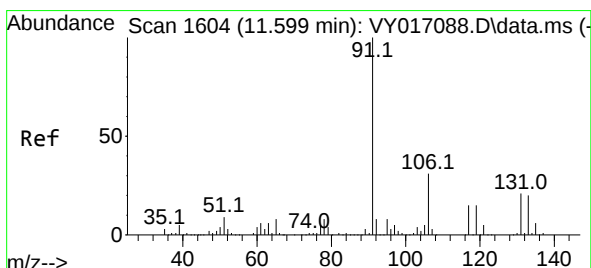
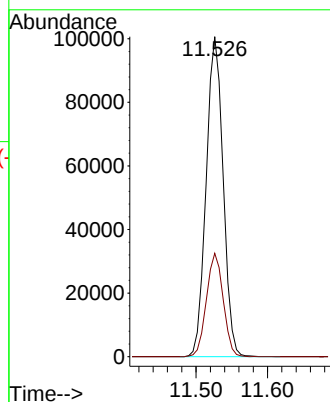
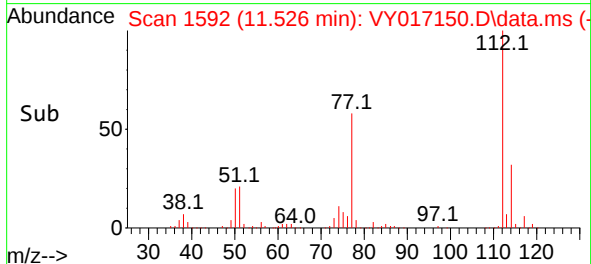
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion:112 Resp: 165754
Ion Ratio Lower Upper
112 100
114 32.3 26.1 39.1

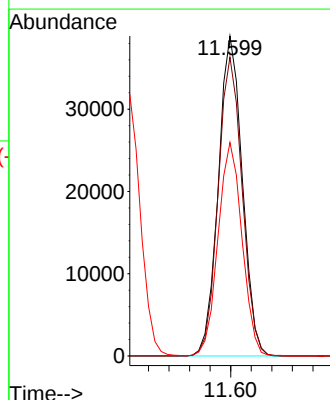
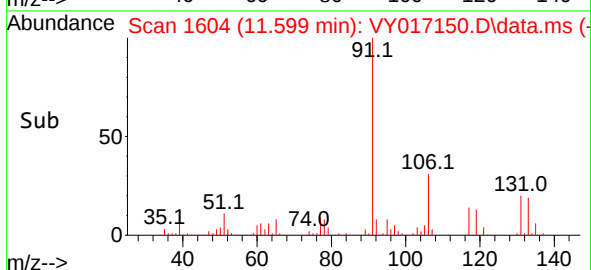
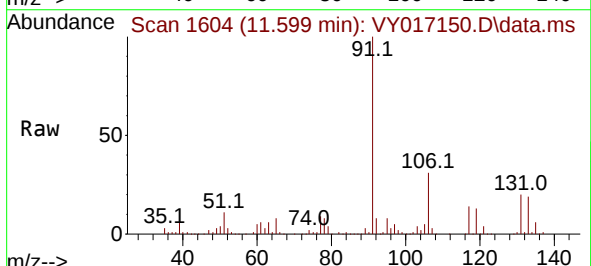
Manual Integrations
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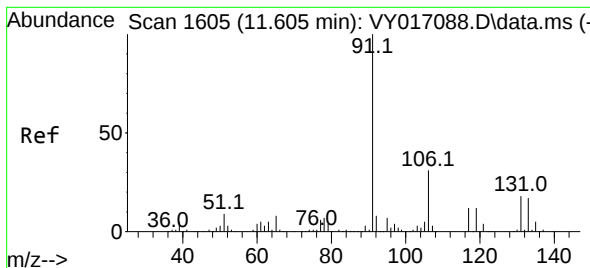
Reviewed By :Mahesh Dadoda 02/01/2024
Supervised By :Semsettin Yesilyurt 02/01/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 52.270 ug/l
RT: 11.599 min Scan# 1604
Delta R.T. 0.000 min
Lab File: VY017150.D
Acq: 31 Jan 2024 10:19

Tgt Ion:131 Resp: 62957
Ion Ratio Lower Upper
131 100
133 93.5 47.0 141.0
119 66.7 33.3 99.9





#67

Ethyl Benzene

Concen: 51.350 ug/l

RT: 11.605 min Scan# 1605

Delta R.T. 0.006 min

Lab File: VY017150.D

Acq: 31 Jan 2024 10:19

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 30782

Ion Ratio Lower Upper

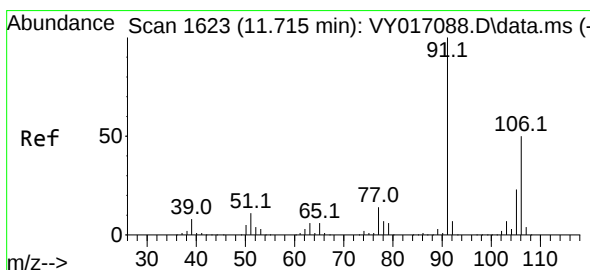
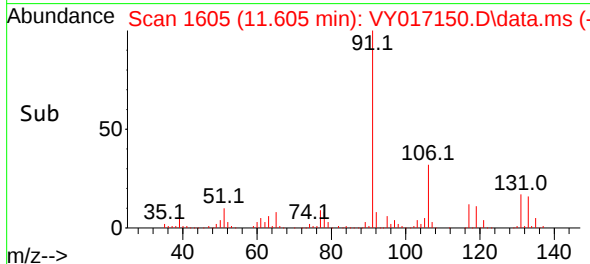
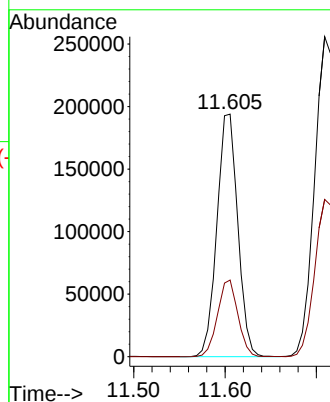
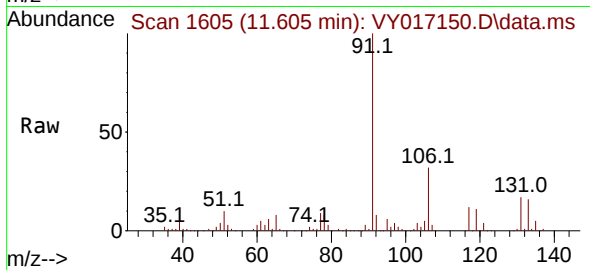
91 100

106 31.6 25.0 37.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/01/2024
Supervised By :Semsettin Yesilyurt 02/01/2024



#68

m/p-Xylenes

Concen: 102.881 ug/l

RT: 11.709 min Scan# 1622

Delta R.T. 0.000 min

Lab File: VY017150.D

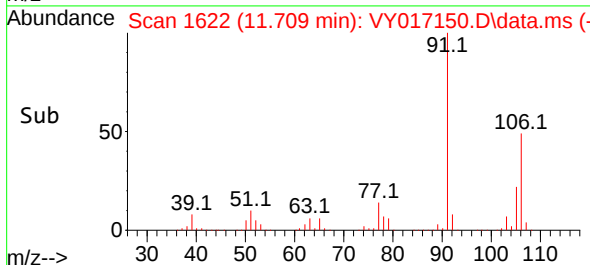
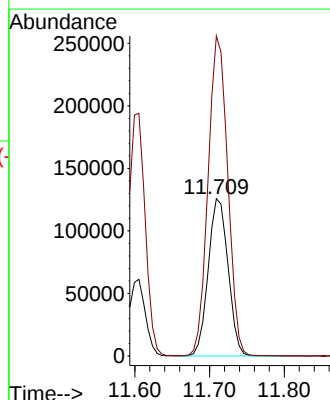
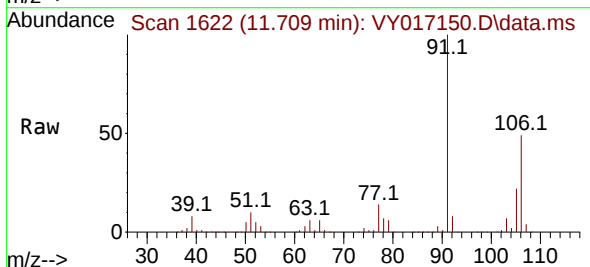
Acq: 31 Jan 2024 10:19

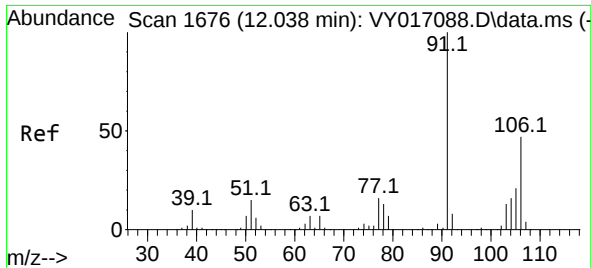
Tgt Ion:106 Resp: 231713

Ion Ratio Lower Upper

106 100

91 202.0 160.7 241.1





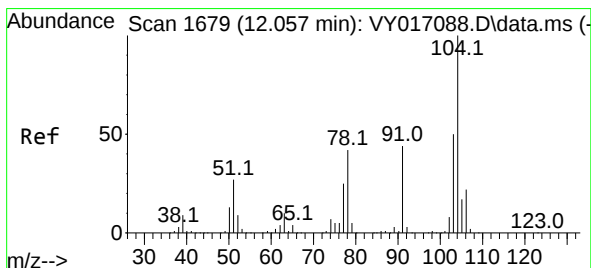
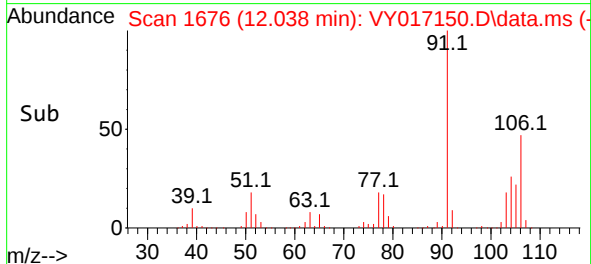
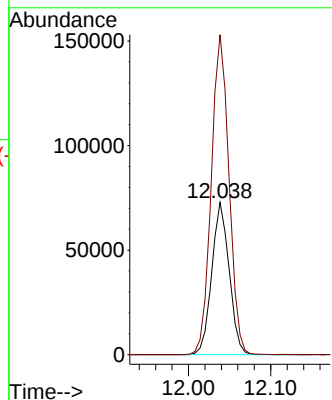
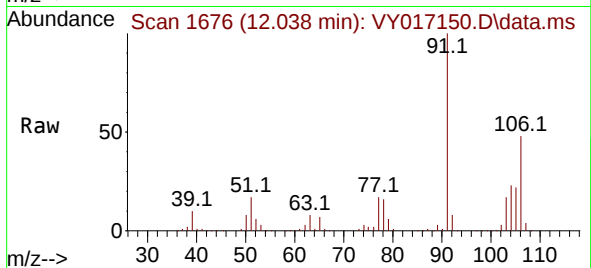
#69
o-Xylene
Concen: 52.148 ug/l
RT: 12.038 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VY017150.D
Acq: 31 Jan 2024 10:19

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 10668
Ion Ratio Lower Upper
106 100
91 214.5 106.5 319.5

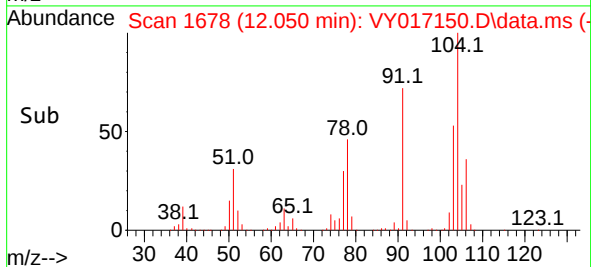
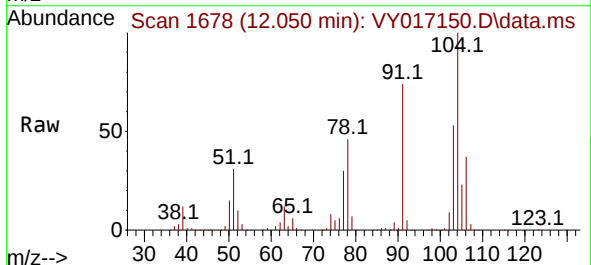
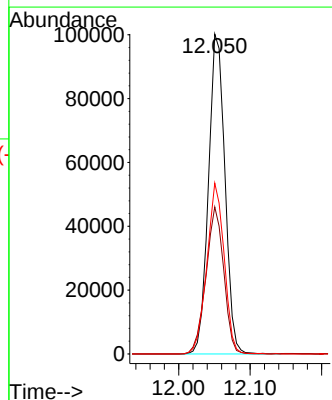
Manual Integrations
APPROVED

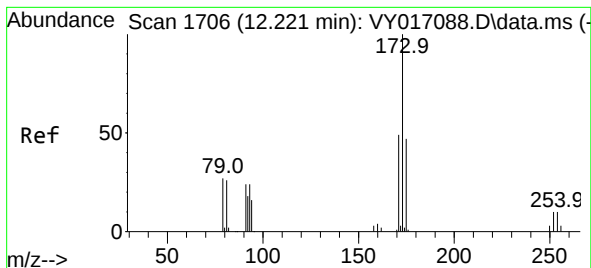
Reviewed By :Mahesh Dadoda 02/01/2024
Supervised By :Semsettin Yesilyurt 02/01/2024



#70
Styrene
Concen: 54.009 ug/l
RT: 12.050 min Scan# 1678
Delta R.T. 0.000 min
Lab File: VY017150.D
Acq: 31 Jan 2024 10:19

Tgt Ion:104 Resp: 160410
Ion Ratio Lower Upper
104 100
78 49.6 39.2 58.8
103 56.2 43.8 65.6





#71

Bromoform

Concen: 52.061 ug/l

RT: 12.215 min Scan# 1705

Delta R.T. 0.000 min

Lab File: VY017150.D

Acq: 31 Jan 2024 10:19

Instrument :

MSVOA_Y

ClientSampleId :

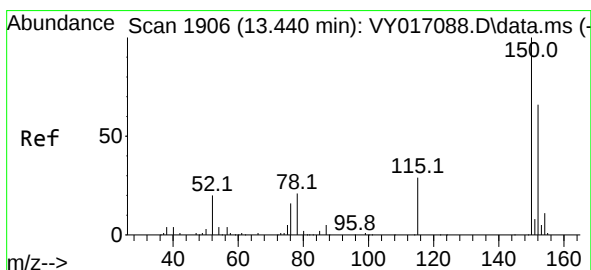
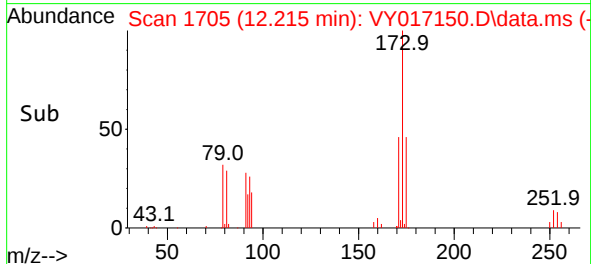
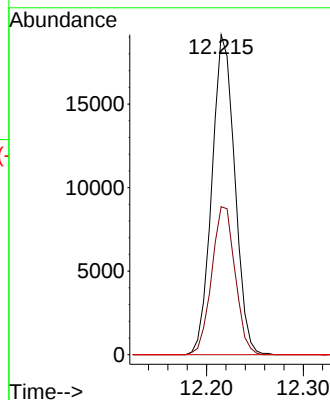
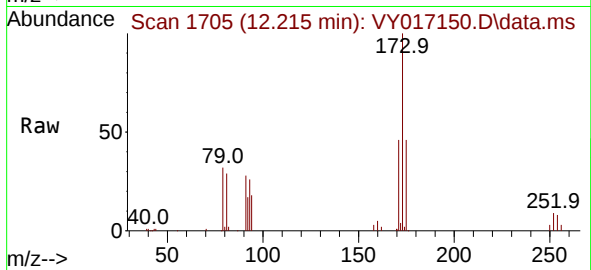
VSTDCCC050

Tgt Ion:	173	Resp:	3144
Ion Ratio	Lower	Upper	
173	100		
175	47.3	23.5	70.6
254	0.0	0.0	0.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/01/2024
Supervised By :Semsettin Yesilyurt 02/01/2024



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

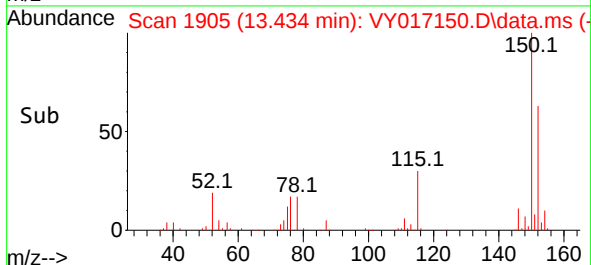
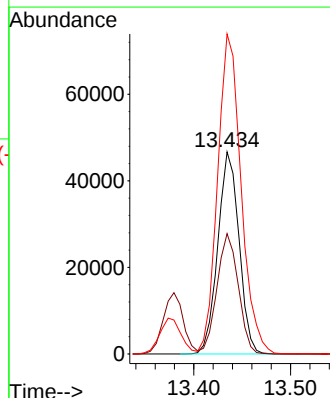
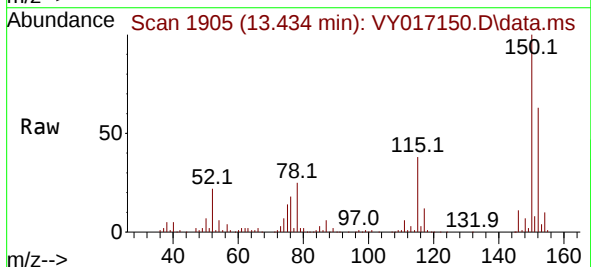
RT: 13.434 min Scan# 1905

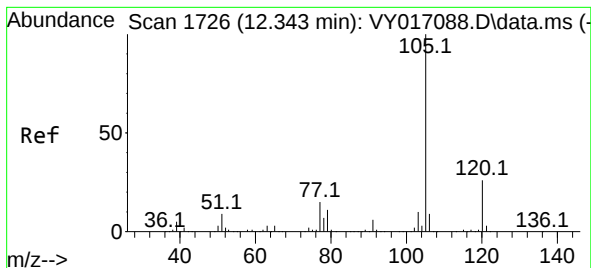
Delta R.T. 0.000 min

Lab File: VY017150.D

Acq: 31 Jan 2024 10:19

Tgt Ion:	152	Resp:	70931
Ion Ratio	Lower	Upper	
152	100		
115	59.8	30.0	90.0
150	175.5	0.0	344.6





#73

Isopropylbenzene

Concen: 50.557 ug/l

RT: 12.337 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY017150.D

Acq: 31 Jan 2024 10:19

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion:105 Resp: 294800

Ion Ratio Lower Upper

105 100

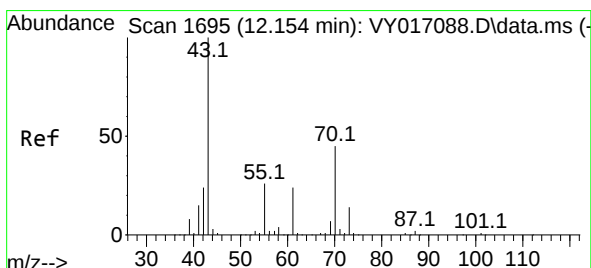
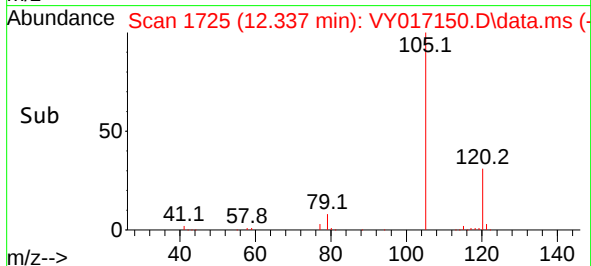
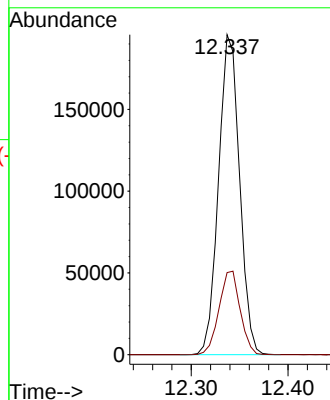
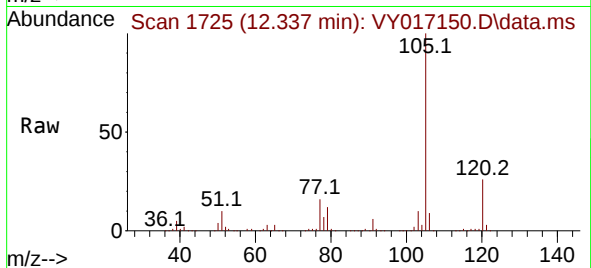
120 26.3 13.0 39.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/01/2024

Supervised By :Semsettin Yesilyurt 02/01/2024



#74

N-ethyl acetate

Concen: 51.406 ug/l

RT: 12.154 min Scan# 1695

Delta R.T. 0.000 min

Lab File: VY017150.D

Acq: 31 Jan 2024 10:19

Tgt Ion: 43 Resp: 60420

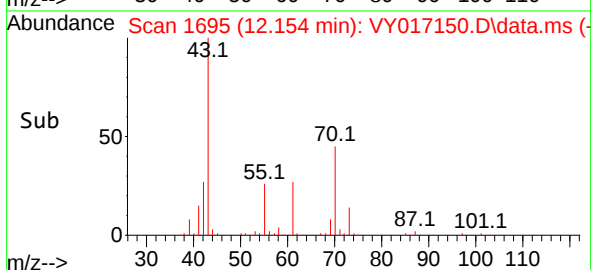
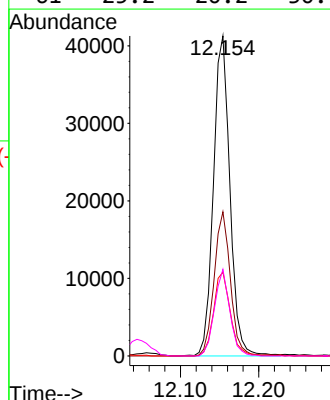
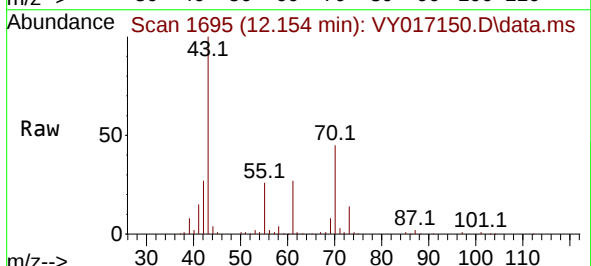
Ion Ratio Lower Upper

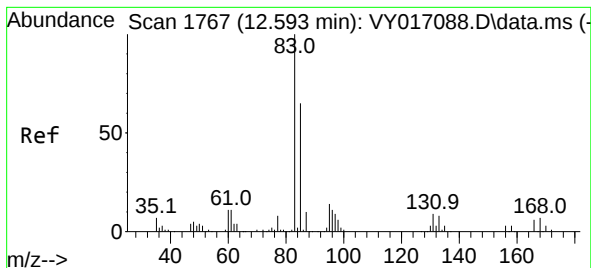
43 100

70 44.7 36.6 55.0

55 26.8 22.2 33.4

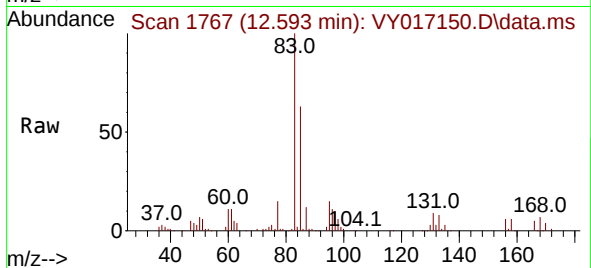
61 25.2 20.2 30.4





#75
1,1,2,2-Tetrachloroethane
Concen: 48.676 ug/l
RT: 12.593 min Scan# 1767
Delta R.T. 0.000 min
Lab File: VY017150.D
Acq: 31 Jan 2024 10:19

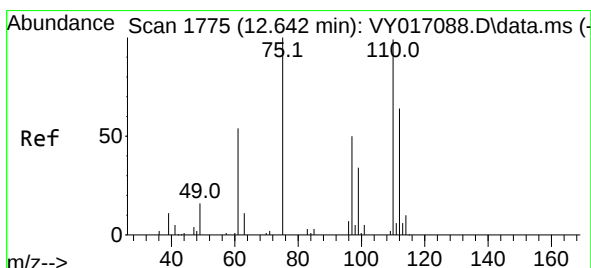
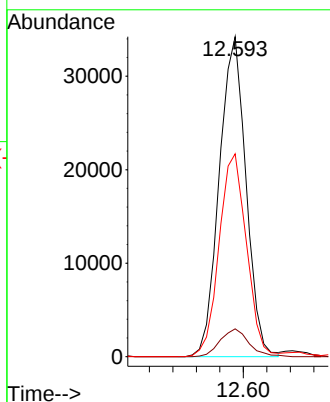
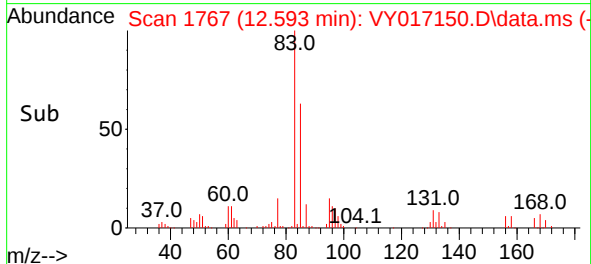
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 54124
Ion Ratio Lower Upper
83 100
131 9.3 4.9 14.6
85 65.0 32.6 98.0

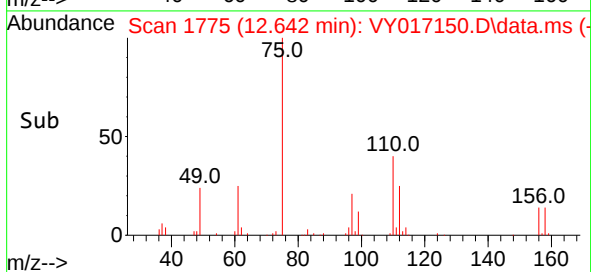
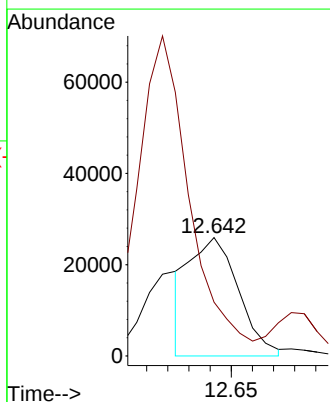
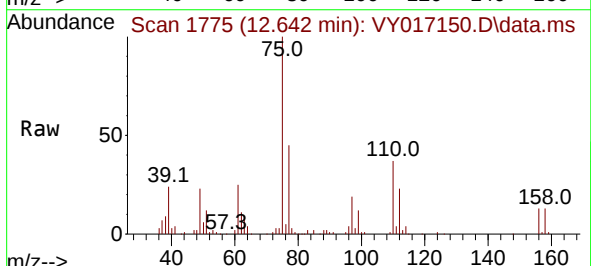
Manual Integrations
APPROVED

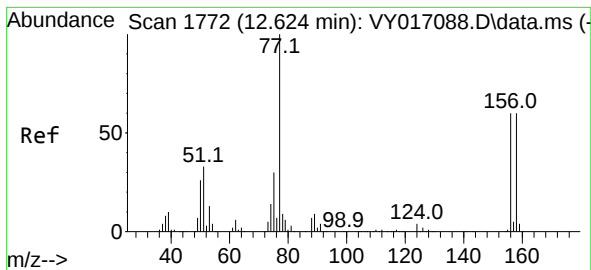
Reviewed By :Mahesh Dadoda 02/01/2024
Supervised By :Semsettin Yesilyurt 02/01/2024



#76
1,2,3-Trichloropropane
Concen: 48.926 ug/l m
RT: 12.642 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VY017150.D
Acq: 31 Jan 2024 10:19

Tgt Ion: 75 Resp: 42123
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 49.395 ug/l

RT: 12.617 min Scan# 1771

Delta R.T. 0.000 min

Lab File: VY017150.D

Acq: 31 Jan 2024 10:19

Instrument :

MSVOA_Y

ClientSampleId :

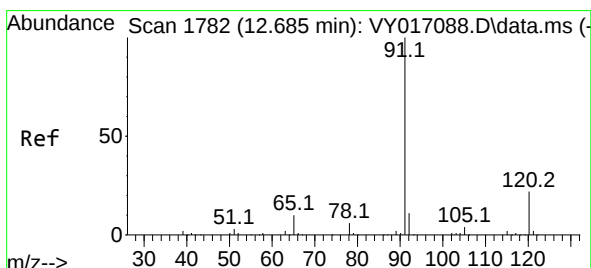
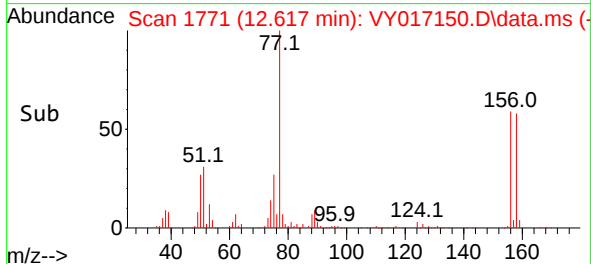
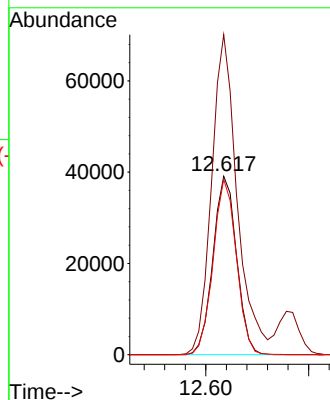
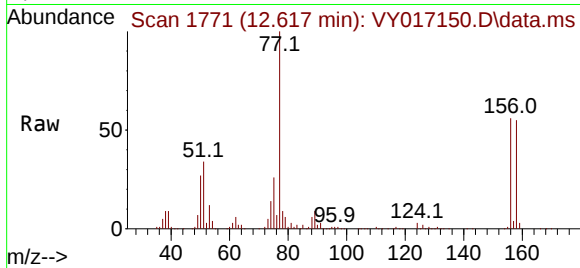
VSTDCCC050

Tgt Ion:	156	Resp:	6232
Ion Ratio	Lower	Upper	
156	100		
77	193.9	97.3	291.8
158	96.7	48.4	145.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/01/2024
Supervised By :Semsettin Yesilyurt 02/01/2024



#78

n-propylbenzene

Concen: 51.852 ug/l

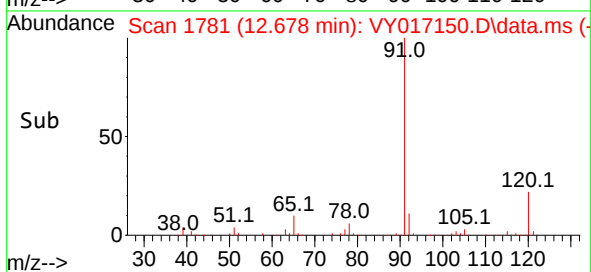
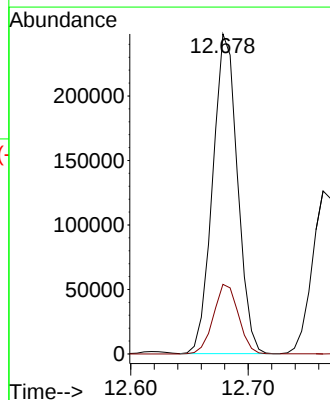
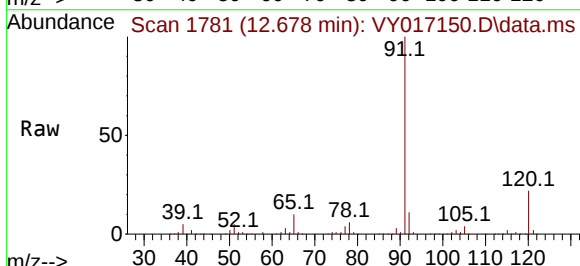
RT: 12.678 min Scan# 1781

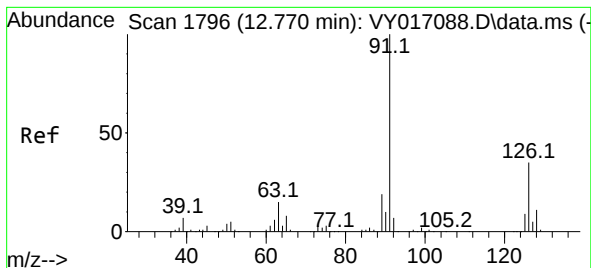
Delta R.T. 0.000 min

Lab File: VY017150.D

Acq: 31 Jan 2024 10:19

Tgt Ion:	91	Resp:	363665
Ion Ratio	Lower	Upper	
91	100		
120	21.9	11.0	33.0





#79

2-Chlorotoluene

Concen: 51.605 ug/l

RT: 12.764 min Scan# 1796

Delta R.T. 0.001 min

Lab File: VY017150.D

Acq: 31 Jan 2024 10:19

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 19861

Ion Ratio Lower Upper

91 100

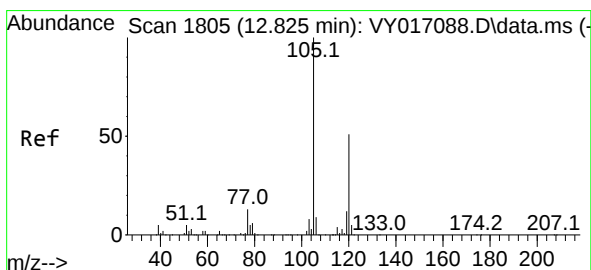
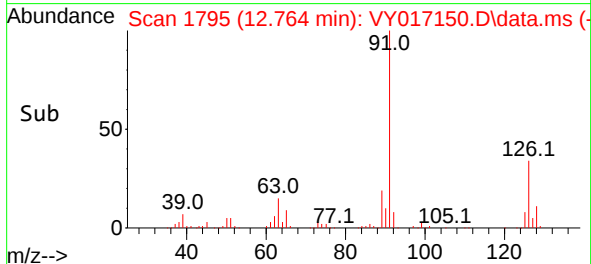
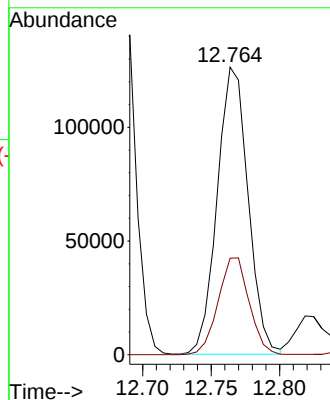
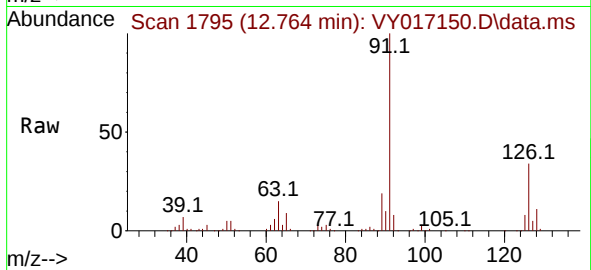
126 33.9 17.0 51.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/01/2024

Supervised By :Semsettin Yesilyurt 02/01/2024



#80

1,3,5-Trimethylbenzene

Concen: 52.148 ug/l

RT: 12.825 min Scan# 1805

Delta R.T. 0.007 min

Lab File: VY017150.D

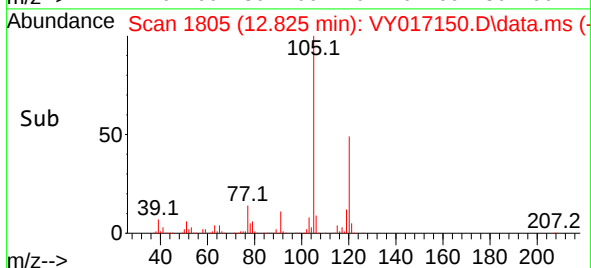
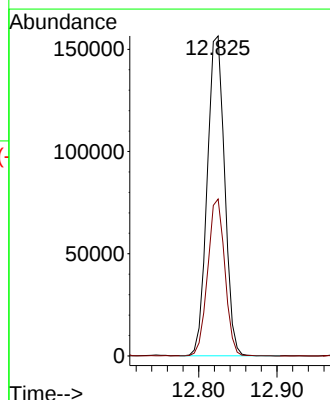
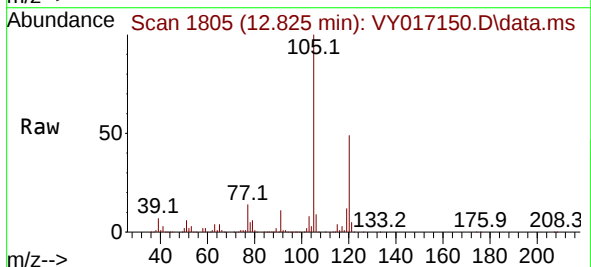
Acq: 31 Jan 2024 10:19

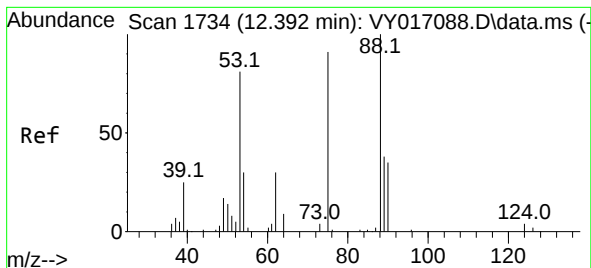
Tgt Ion:105 Resp: 240659

Ion Ratio Lower Upper

105 100

120 48.4 24.3 72.8





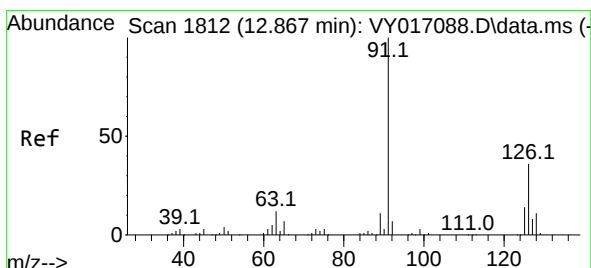
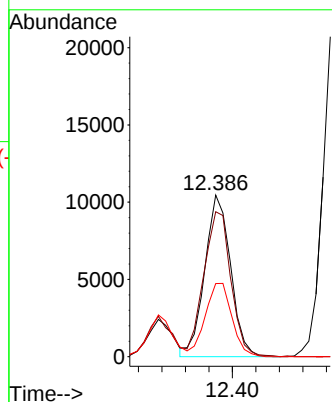
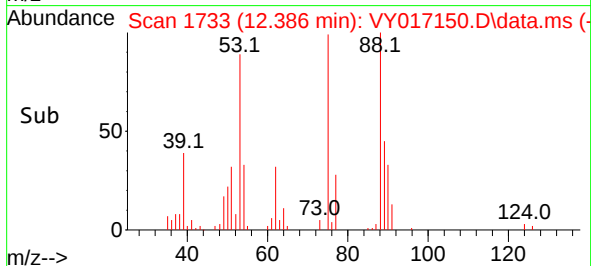
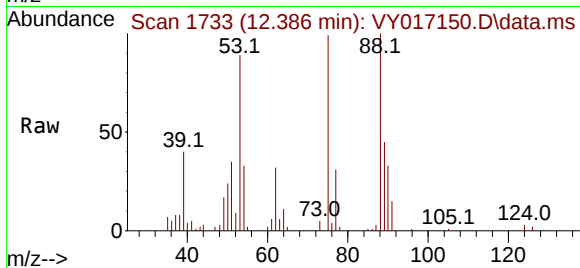
#81
trans-1,4-Dichloro-2-butene
Concen: 47.895 ug/l
RT: 12.386 min Scan# 1733
Delta R.T. 0.001 min
Lab File: VY017150.D
Acq: 31 Jan 2024 10:19

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 15928
Ion Ratio Lower Upper
75 100
53 94.1 74.0 111.0
89 46.8 36.5 54.7

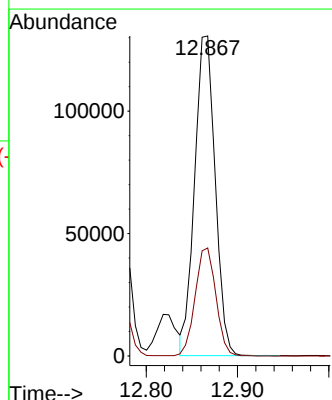
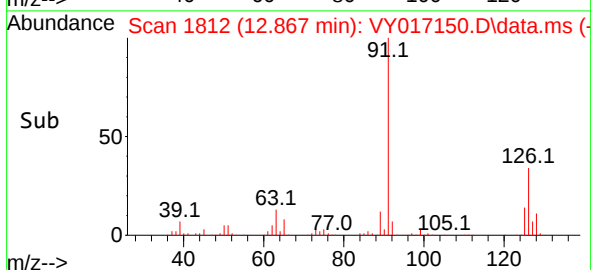
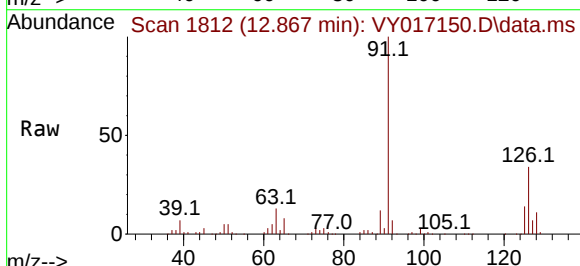
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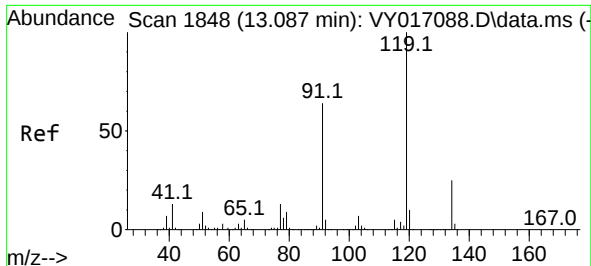
Reviewed By :Mahesh Dadoda 02/01/2024
Supervised By :Semsettin Yesilyurt 02/01/2024



#82
4-Chlorotoluene
Concen: 51.173 ug/l
RT: 12.867 min Scan# 1812
Delta R.T. 0.006 min
Lab File: VY017150.D
Acq: 31 Jan 2024 10:19

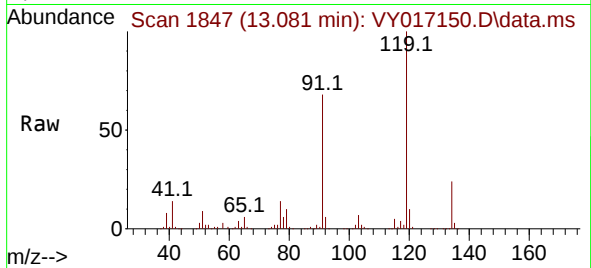
Tgt Ion: 91 Resp: 204116
Ion Ratio Lower Upper
91 100
126 34.1 17.1 51.2





#83
tert-Butylbenzene
Concen: 52.858 ug/l
RT: 13.081 min Scan# 1847
Delta R.T. -0.006 min
Lab File: VY017150.D
Acq: 31 Jan 2024 10:19

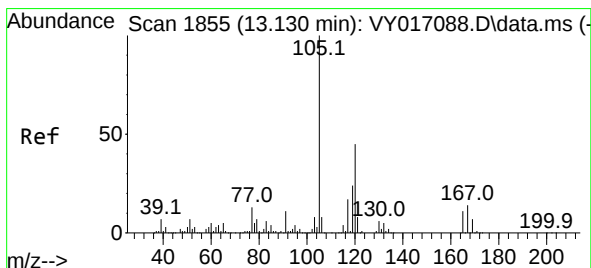
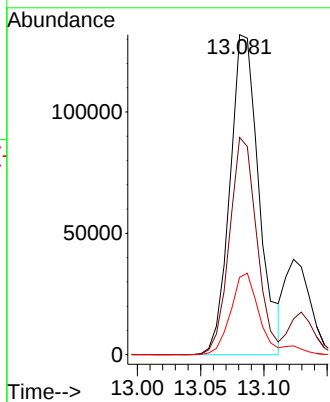
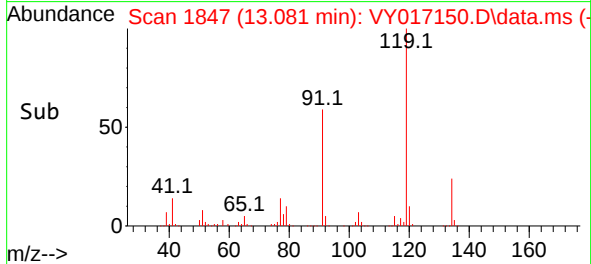
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion:119 Resp: 210998
Ion Ratio Lower Upper
119 100
91 64.0 31.5 94.5
134 26.2 13.1 39.3

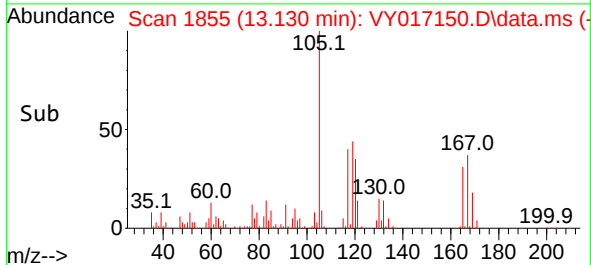
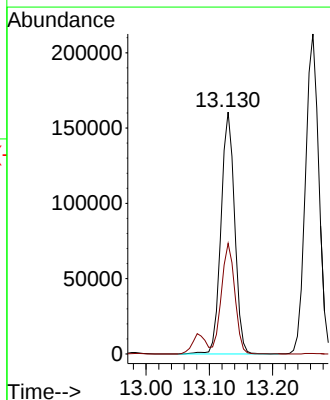
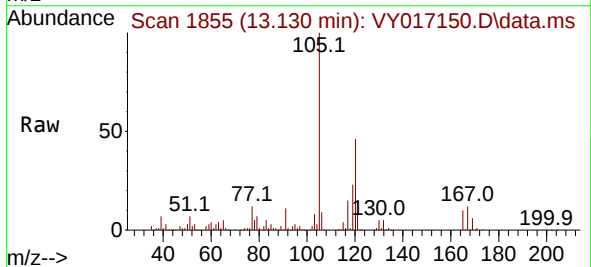
Manual Integrations
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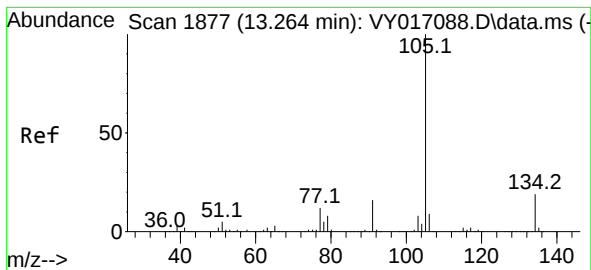
Reviewed By :Mahesh Dadoda 02/01/2024
Supervised By :Semsettin Yesilyurt 02/01/2024



#84
1,2,4-Trimethylbenzene
Concen: 52.097 ug/l
RT: 13.130 min Scan# 1855
Delta R.T. 0.001 min
Lab File: VY017150.D
Acq: 31 Jan 2024 10:19

Tgt Ion:105 Resp: 238957
Ion Ratio Lower Upper
105 100
120 45.4 22.1 66.3





#85

sec-Butylbenzene

Concen: 52.786 ug/l

RT: 13.264 min Scan# 1877

Delta R.T. 0.001 min

Lab File: VY017150.D

Acq: 31 Jan 2024 10:19

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion:105 Resp: 31199

Ion Ratio Lower Upper

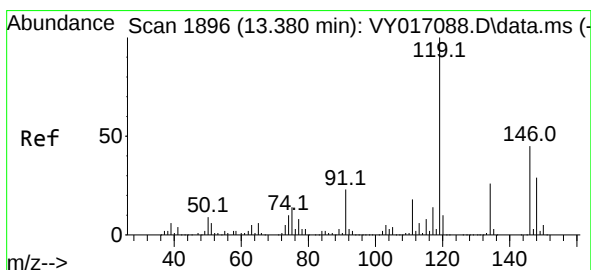
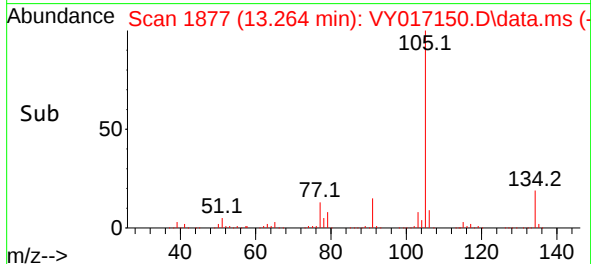
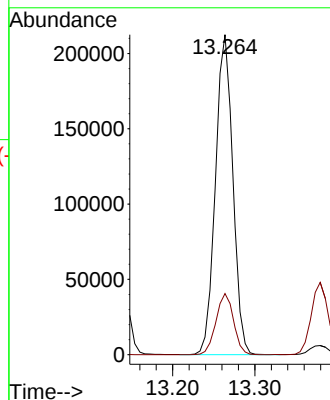
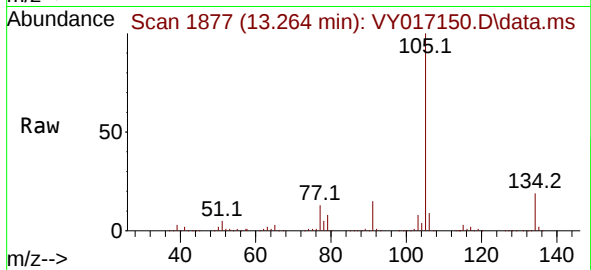
105 100

134 19.3 9.7 28.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/01/2024
Supervised By :Semsettin Yesilyurt 02/01/2024



#86

p-Isopropyltoluene

Concen: 53.163 ug/l

RT: 13.380 min Scan# 1896

Delta R.T. 0.001 min

Lab File: VY017150.D

Acq: 31 Jan 2024 10:19

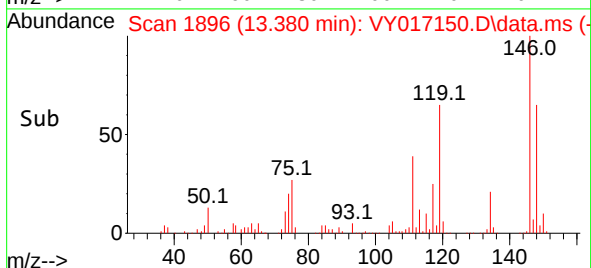
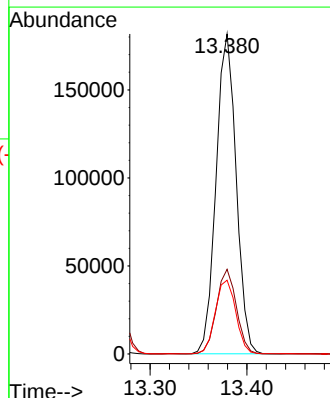
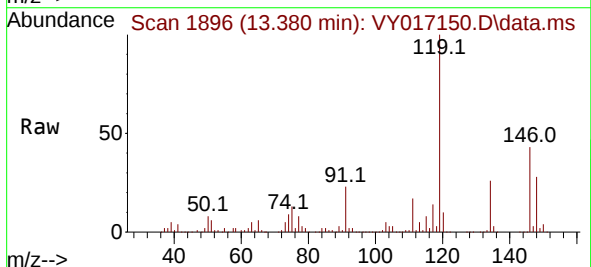
Tgt Ion:119 Resp: 261747

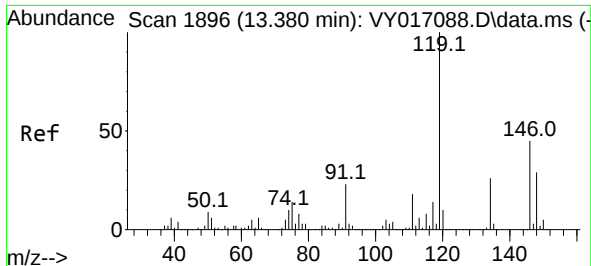
Ion Ratio Lower Upper

119 100

134 26.4 13.1 39.1

91 23.5 11.7 35.0





#87

1,3-Dichlorobenzene

Concen: 50.474 ug/l

RT: 13.373 min Scan# 1895

Delta R.T. 0.000 min

Lab File: VY017150.D

Acq: 31 Jan 2024 10:19

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion:146 Resp: 125734

Ion Ratio Lower Upper

146 100

111 40.7 20.2 60.5

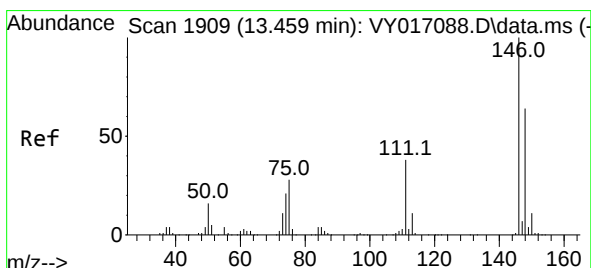
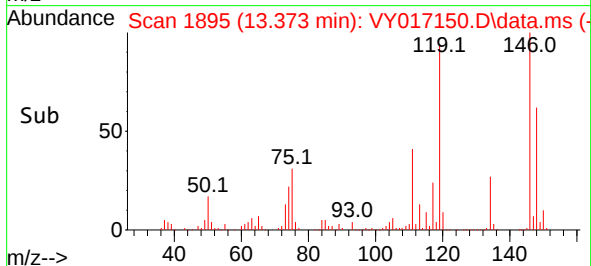
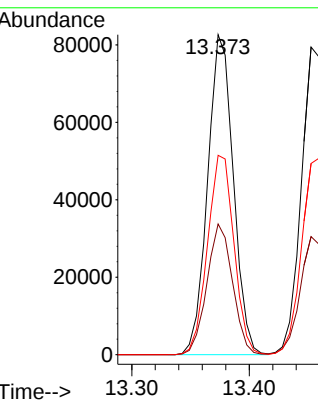
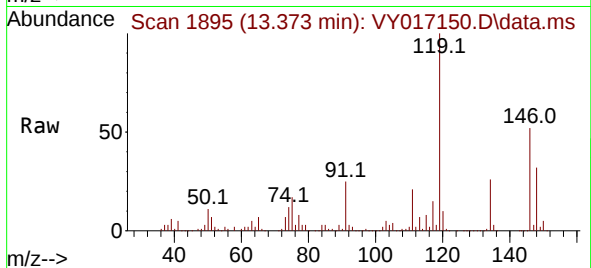
148 64.2 31.9 95.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/01/2024

Supervised By :Semsettin Yesilyurt 02/01/2024



#88

1,4-Dichlorobenzene

Concen: 50.048 ug/l

RT: 13.453 min Scan# 1908

Delta R.T. 0.001 min

Lab File: VY017150.D

Acq: 31 Jan 2024 10:19

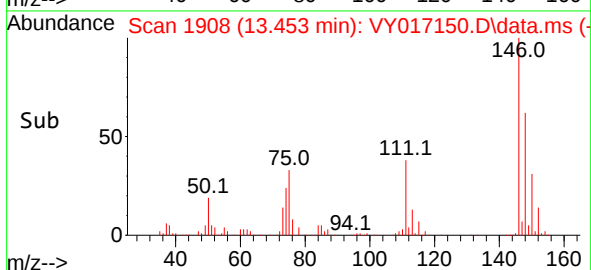
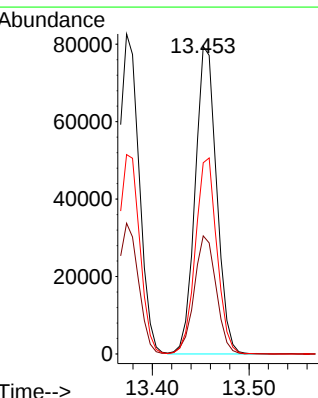
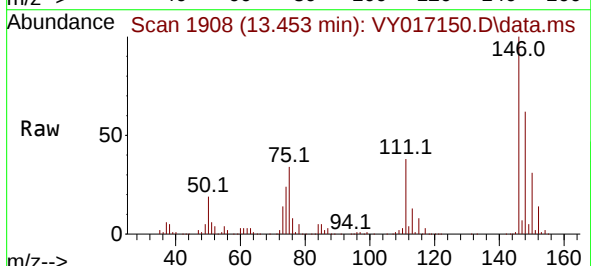
Tgt Ion:146 Resp: 122667

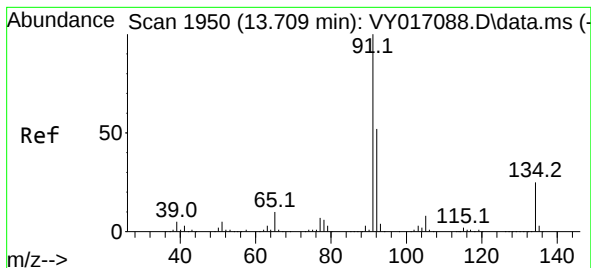
Ion Ratio Lower Upper

146 100

111 39.2 19.3 57.9

148 64.0 31.6 94.7





#89

n-Butylbenzene

Concen: 53.792 ug/l

RT: 13.703 min Scan# 1950

Delta R.T. 0.001 min

Lab File: VY017150.D

Acq: 31 Jan 2024 10:19

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

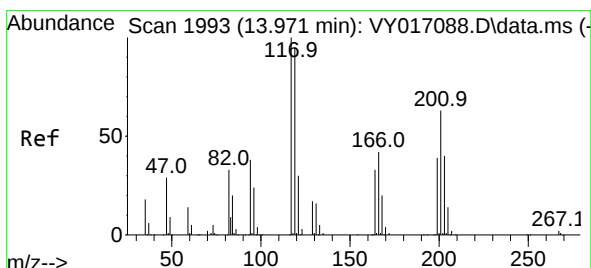
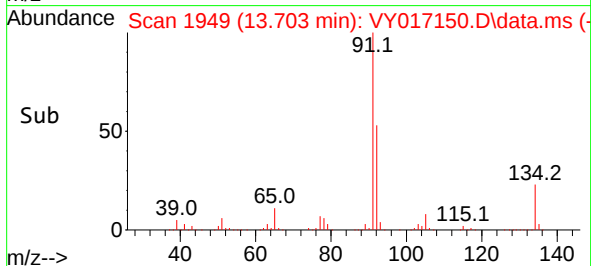
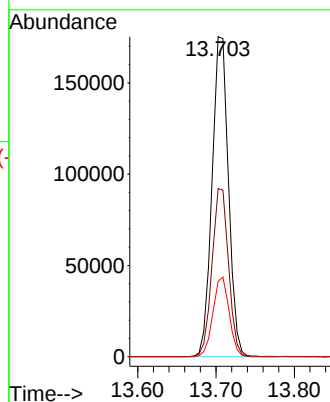
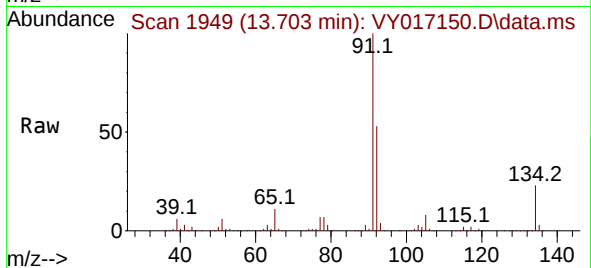
Tgt Ion: 91 Resp: 25545

Ion	Ratio	Lower	Upper
91	100		
92	52.7	26.4	79.2
134	24.5	12.3	36.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/01/2024
Supervised By :Semsettin Yesilyurt 02/01/2024



#90

Hexachloroethane

Concen: 50.565 ug/l

RT: 13.971 min Scan# 1993

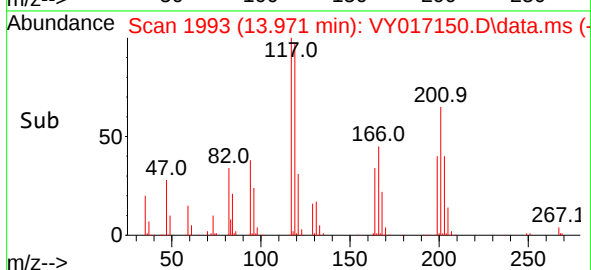
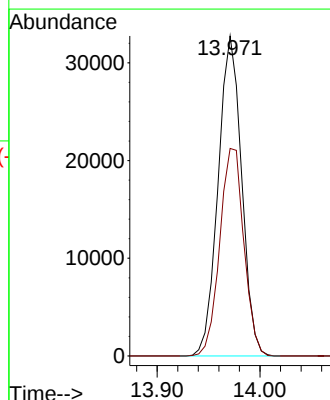
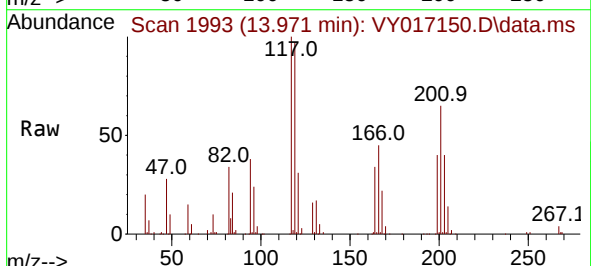
Delta R.T. -0.000 min

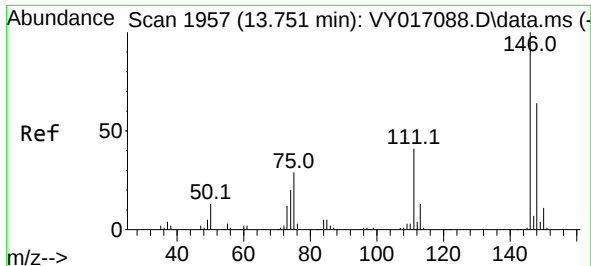
Lab File: VY017150.D

Acq: 31 Jan 2024 10:19

Tgt Ion:117 Resp: 51889

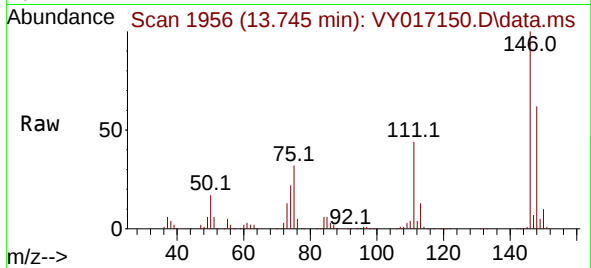
Ion	Ratio	Lower	Upper
117	100		
201	66.8	33.4	100.1





#91
1,2-Dichlorobenzene
Concen: 50.643 ug/l
RT: 13.745 min Scan# 1956
Delta R.T. -0.006 min
Lab File: VY017150.D
Acq: 31 Jan 2024 10:19

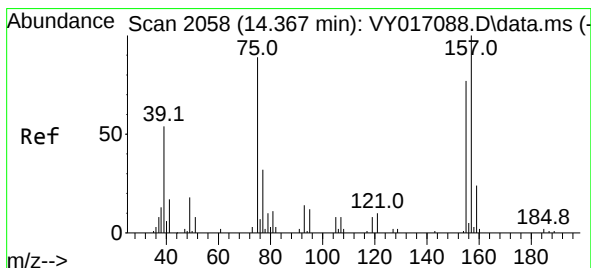
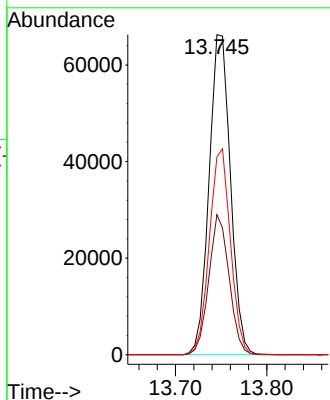
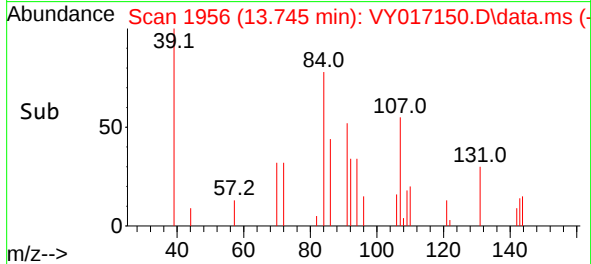
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion:146 Resp: 107730
Ion Ratio Lower Upper
146 100
111 41.5 20.5 61.6
148 63.4 31.4 94.3

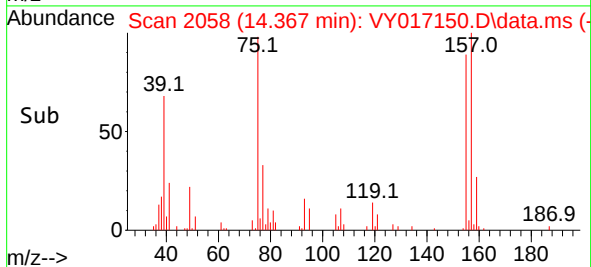
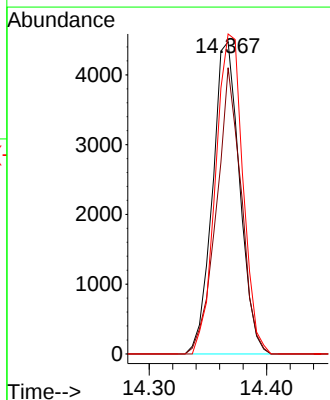
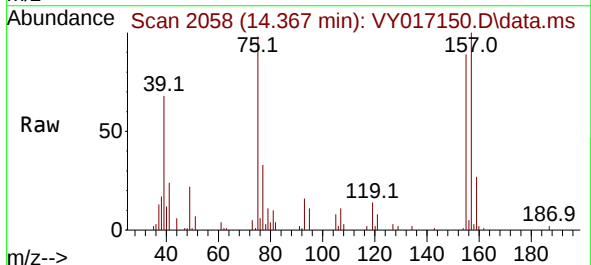
Manual Integrations
APPROVED

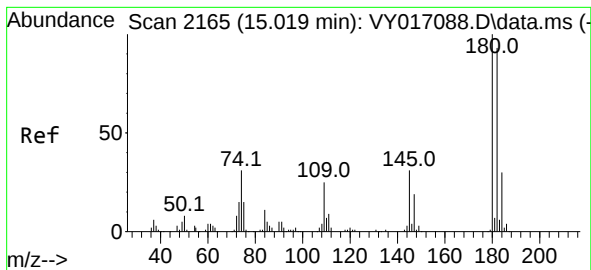
Reviewed By :Mahesh Dadoda 02/01/2024
Supervised By :Semsettin Yesilyurt 02/01/2024



#92
1,2-Dibromo-3-Chloropropane
Concen: 50.461 ug/l
RT: 14.367 min Scan# 2058
Delta R.T. 0.000 min
Lab File: VY017150.D
Acq: 31 Jan 2024 10:19

Tgt Ion: 75 Resp: 7166
Ion Ratio Lower Upper
75 100
155 83.6 42.1 126.3
157 103.7 55.8 167.4





#93

1,2,4-Trichlorobenzene

Concen: 50.400 ug/l

RT: 15.019 min Scan# 2165

Delta R.T. 0.000 min

Lab File: VY017150.D

Acq: 31 Jan 2024 10:19

Instrument :

MSVOA_Y

ClientSampleId :

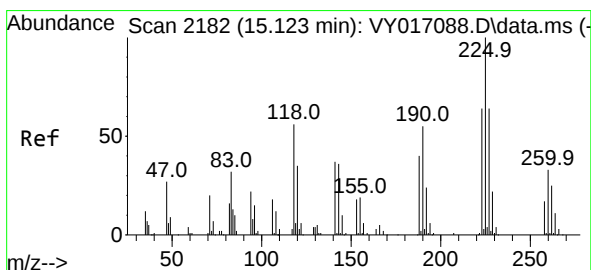
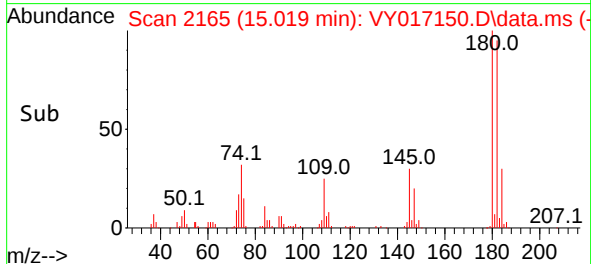
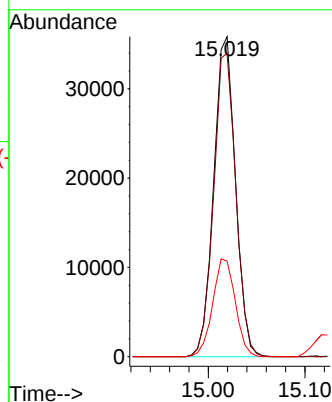
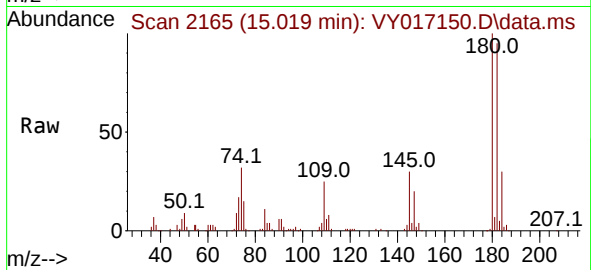
VSTDCCC050

Tgt Ion:180	Resp:	56029
Ion Ratio	Lower	Upper
180	100	
182	96.7	47.9 143.7
145	31.8	15.9 47.7

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#94

Hexachlorobutadiene

Concen: 49.520 ug/l

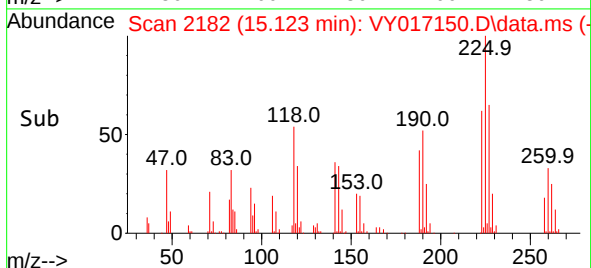
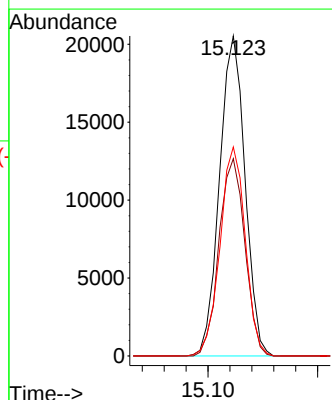
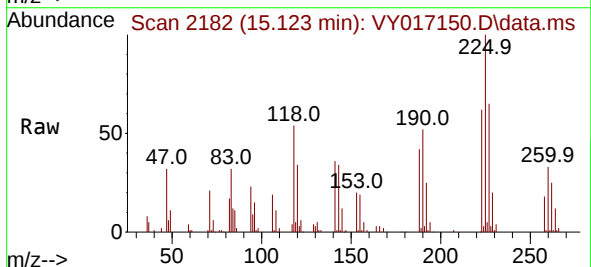
RT: 15.123 min Scan# 2182

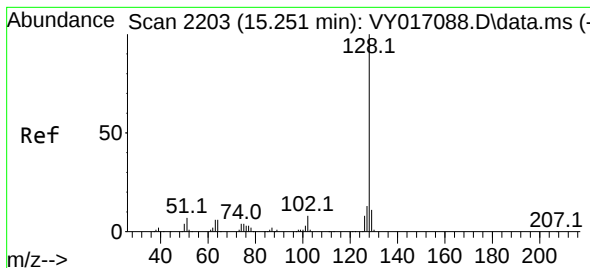
Delta R.T. 0.000 min

Lab File: VY017150.D

Acq: 31 Jan 2024 10:19

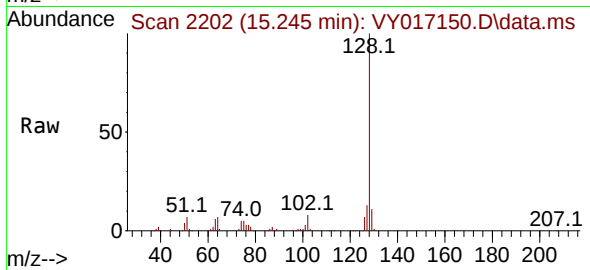
Tgt Ion:225	Resp:	33132
Ion Ratio	Lower	Upper
225	100	
223	62.6	31.4 94.3
227	64.6	32.3 96.8





#95
Naphthalene
Concen: 53.783 ug/l
RT: 15.245 min Scan# 2203
Delta R.T. 0.000 min
Lab File: VY017150.D
Acq: 31 Jan 2024 10:19

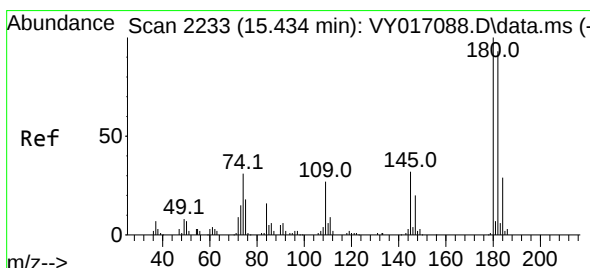
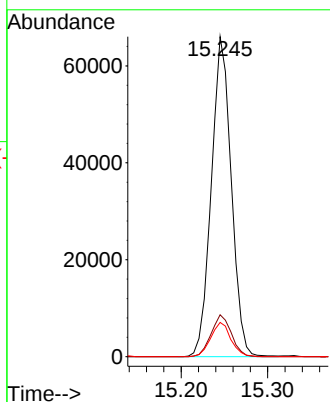
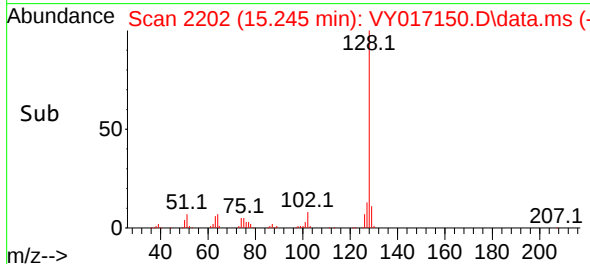
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion:128 Resp: 105600
Ion Ratio Lower Upper
128 100
127 13.3 10.2 15.4
129 10.8 8.6 12.8

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Supervised By :Semsettin Yesilyurt 02/01/2024



#96
1,2,3-Trichlorobenzene
Concen: 52.024 ug/l
RT: 15.434 min Scan# 2233
Delta R.T. 0.000 min
Lab File: VY017150.D
Acq: 31 Jan 2024 10:19

Tgt Ion:180 Resp: 48116
Ion Ratio Lower Upper
180 100
182 94.4 46.3 138.8
145 32.0 16.1 48.2

