

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120423\
 Data File : VY016575.D
 Acq On : 04 Dec 2023 13:30
 Operator : SY/MD
 Sample : VSTDICCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 12/05/2023
 Supervised By :Semsettin Yesilyurt 12/05/2023

Quant Time: Dec 05 01:08:30 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y120423S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 05 00:54:37 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.807	168	229051	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.703	114	342210	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	298245	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	144933	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	114207	53.946	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 107.900%			
35) Dibromofluoromethane	7.734	113	111768	54.271	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 108.540%			
50) Toluene-d8	10.191	98	424789	54.531	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 109.060%			
62) 4-Bromofluorobenzene	12.489	95	140152	54.710	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 109.420%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.912	85	92460	45.698	ug/l	99
3) Chloromethane	2.119	50	98002	46.691	ug/l	98
4) Vinyl Chloride	2.260	62	101322	47.802	ug/l	98
5) Bromomethane	2.662	94	63047	47.485	ug/l	98
6) Chloroethane	2.802	64	63773	48.708	ug/l	97
7) Trichlorofluoromethane	3.137	101	193180	48.210	ug/l	100
8) Diethyl Ether	3.540	74	54763	49.071	ug/l	90
9) 1,1,2-Trichlorotrifluo...	3.912	101	110120	49.143	ug/l	99
10) Methyl Iodide	4.107	142	118888	50.215	ug/l	99
11) Tert butyl alcohol	4.966	59	35661	247.229	ug/l #	79
12) 1,1-Dichloroethene	3.887	96	100699	49.469	ug/l	94
13) Acrolein	3.741	56	55568	264.984	ug/l	99
14) Allyl chloride	4.497	41	154418	49.708	ug/l	97
15) Acrylonitrile	5.180	53	115889	257.285	ug/l	99
16) Acetone	3.960	43	105831	220.911	ug/l	98
17) Carbon Disulfide	4.210	76	282075	49.426	ug/l	99
18) Methyl Acetate	4.497	43	102769	54.119	ug/l	93
19) Methyl tert-butyl Ether	5.241	73	257070	51.374	ug/l	99
20) Methylene Chloride	4.735	84	108619	51.534	ug/l	91
21) trans-1,2-Dichloroethene	5.241	96	112060	48.954	ug/l	95
22) Diisopropyl ether	6.137	45	326586	51.117	ug/l	91
23) Vinyl Acetate	6.076	43	784756	255.865	ug/l	96
24) 1,1-Dichloroethane	6.033	63	192068	48.934	ug/l	98
25) 2-Butanone	7.003	43	156631	237.769	ug/l	99
26) 2,2-Dichloropropane	6.996	77	179318	48.595	ug/l	98
27) cis-1,2-Dichloroethene	7.003	96	125176	49.679	ug/l	95
28) Bromochloromethane	7.350	49	84098	52.896	ug/l	90
29) Tetrahydrofuran	7.362	42	99397	264.651	ug/l	94
30) Chloroform	7.521	83	204539	48.886	ug/l	98
31) Cyclohexane	7.801	56	168081	46.507	ug/l	92
32) 1,1,1-Trichloroethane	7.716	97	191770	48.431	ug/l	99
36) 1,1-Dichloropropene	7.935	75	156553	50.008	ug/l	99
37) Ethyl Acetate	7.094	43	68126	52.006	ug/l	98
38) Carbon Tetrachloride	7.917	117	179969	49.658	ug/l	99
39) Methylcyclohexane	9.197	83	192369	51.002	ug/l	93
40) Benzene	8.173	78	438781	49.726	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.326	41	39360	53.357	ug/l	93
42) 1,2-Dichloroethane	8.252	62	129746	50.639	ug/l	95
43) Isopropyl Acetate	8.289	43	134455	53.207	ug/l	94
44) Trichloroethene	8.953	130	130039	48.868	ug/l	94
45) 1,2-Dichloropropane	9.228	63	106579	50.169	ug/l	94
46) Dibromomethane	9.319	93	60143	51.642	ug/l	99
47) Bromodichloromethane	9.508	83	156240	50.392	ug/l	99
48) Methyl methacrylate	9.301	41	78524	53.805	ug/l	92
49) 1,4-Dioxane	9.313	88	12630	1071.442	ug/l #	62
51) 4-Methyl-2-Pentanone	10.081	43	353434	269.126	ug/l	95
52) Toluene	10.258	92	280687	50.754	ug/l	94
53) t-1,3-Dichloropropene	10.478	75	150878	51.563	ug/l	99
54) cis-1,3-Dichloropropene	9.941	75	176636	51.400	ug/l	96
55) 1,1,2-Trichloroethane	10.654	97	82796	51.037	ug/l	95
56) Ethyl methacrylate	10.520	69	81098	54.537	ug/l	90
57) 1,3-Dichloropropane	10.801	76	141779	51.734	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.795	63	254566	277.790	ug/l	92
59) 2-Hexanone	10.843	43	252712	254.374	ug/l	94
60) Dibromochloromethane	10.996	129	109090	50.328	ug/l	98
61) 1,2-Dibromoethane	11.099	107	80212	52.569	ug/l	98
64) Tetrachloroethene	10.734	164	137241	50.210	ug/l	97
65) Chlorobenzene	11.526	112	298200	49.365	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.599	131	118621	50.242	ug/l	99
67) Ethyl Benzene	11.605	91	543830	50.198	ug/l	98
68) m/p-Xylenes	11.715	106	413747	100.602	ug/l	95
69) o-Xylene	12.038	106	190858	49.712	ug/l	99
70) Styrene	12.057	104	282064	51.204	ug/l	99
71) Bromoform	12.221	173	66115	51.859	ug/l #	99
73) Isopropylbenzene	12.343	105	537510	50.085	ug/l	100
74) N-amyl acetate	12.154	43	110502	51.638	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.593	83	86326	50.574	ug/l	99
76) 1,2,3-Trichloropropane	12.642	75	64151m	47.806	ug/l	
77) Bromobenzene	12.617	156	125578	49.649	ug/l	91
78) n-propylbenzene	12.684	91	620011	49.636	ug/l	98
79) 2-Chlorotoluene	12.770	91	347796	49.411	ug/l	99
80) 1,3,5-Trimethylbenzene	12.825	105	437115	50.126	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.386	75	29282	50.453	ug/l	100
82) 4-Chlorotoluene	12.867	91	359810	49.401	ug/l	99
83) tert-Butylbenzene	13.087	119	392024	50.315	ug/l	98
84) 1,2,4-Trimethylbenzene	13.130	105	427484	50.188	ug/l	98
85) sec-Butylbenzene	13.264	105	543710	49.686	ug/l	98
86) p-Isopropyltoluene	13.379	119	483152	50.863	ug/l	98
87) 1,3-Dichlorobenzene	13.379	146	237973	49.288	ug/l	100
88) 1,4-Dichlorobenzene	13.453	146	236026	49.811	ug/l	98
89) n-Butylbenzene	13.709	91	433529	50.749	ug/l	96
90) Hexachloroethane	13.971	117	91829	49.132	ug/l	98
91) 1,2-Dichlorobenzene	13.751	146	206322	49.772	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.367	75	14267	52.230	ug/l	94
93) 1,2,4-Trichlorobenzene	15.013	180	120767	51.629	ug/l	99
94) Hexachlorobutadiene	15.123	225	74785	50.603	ug/l	97
95) Naphthalene	15.245	128	208777	54.530	ug/l	99
96) 1,2,3-Trichlorobenzene	15.434	180	99056	53.798	ug/l	100

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Response via : Initial Calibration

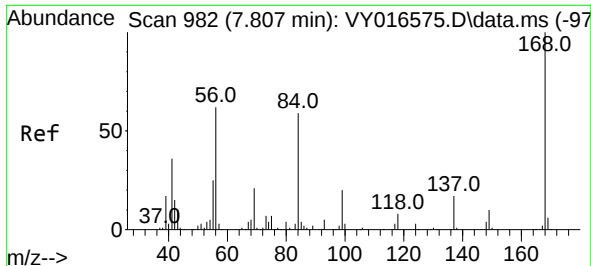
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

Manual Integrations

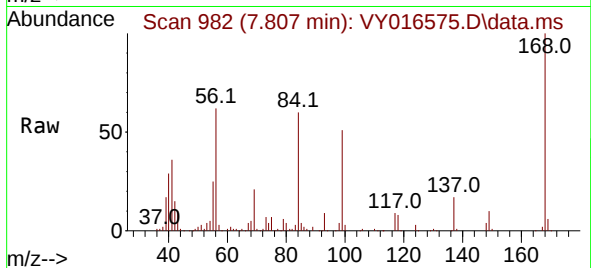
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.807 min Scan# 982
Delta R.T. 0.000 min
Lab File: VY016575.D
Acq: 04 Dec 2023 13:30

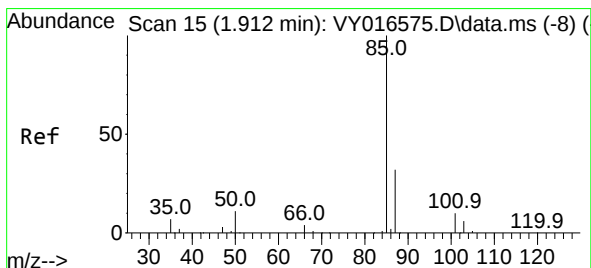
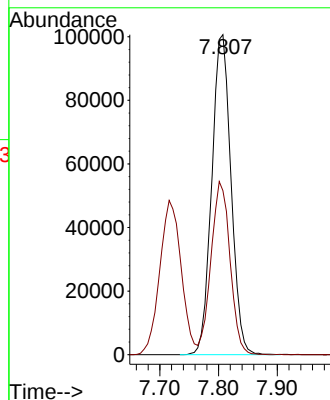
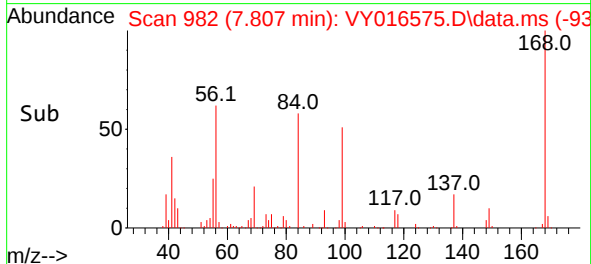
Instrument :
MSVOA_Y
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VSTDICCC050



Tgt Ion:168 Resp: 22905
Ion Ratio Lower Upper
168 100
99 51.1 43.4 65.0

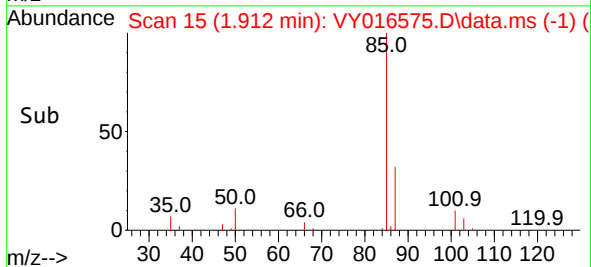
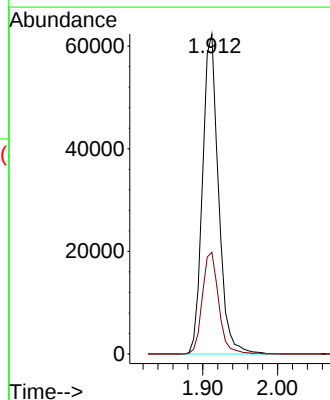
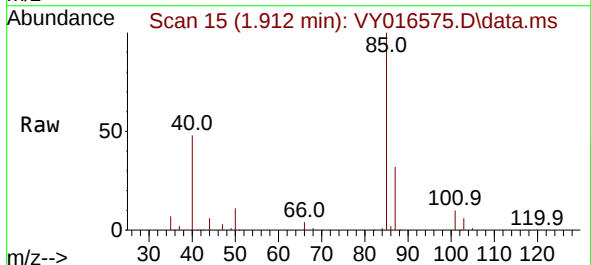
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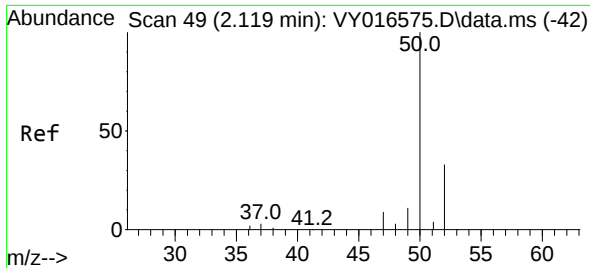
Reviewed By :Mahesh Dadoda 12/05/2023
Supervised By :Semsettin Yesilyurt 12/05/2023



#2
Dichlorodifluoromethane
Concen: 45.698 ug/l
RT: 1.912 min Scan# 15
Delta R.T. 0.000 min
Lab File: VY016575.D
Acq: 04 Dec 2023 13:30

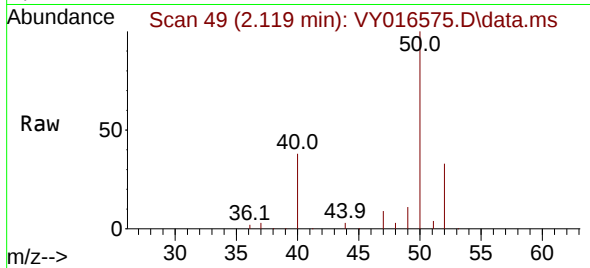
Tgt Ion: 85 Resp: 92460
Ion Ratio Lower Upper
85 100
87 31.7 15.6 46.8





#3
Chloromethane
Concen: 46.691 ug/l
RT: 2.119 min Scan# 49
Delta R.T. 0.000 min
Lab File: VY016575.D
Acq: 04 Dec 2023 13:30

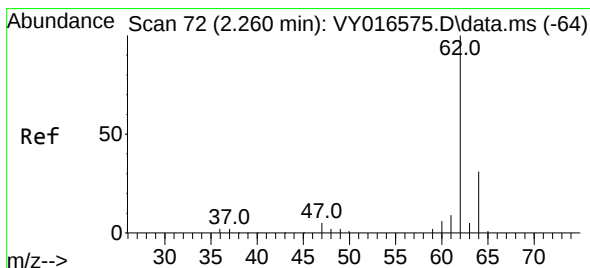
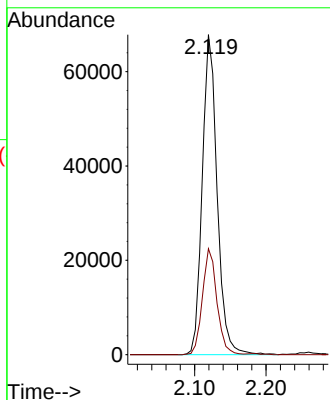
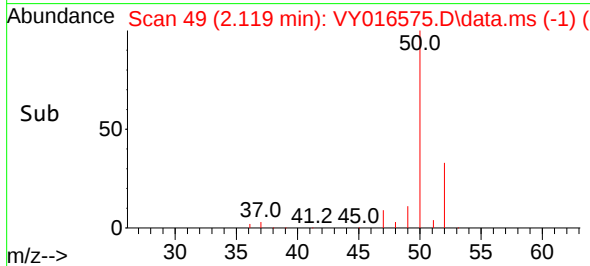
Instrument :
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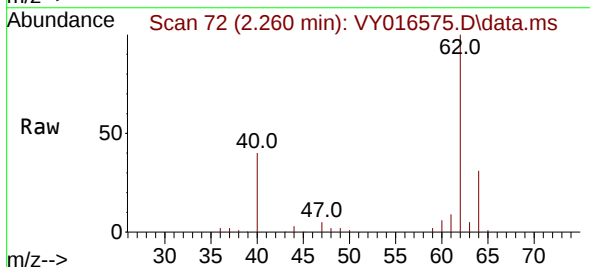
Tgt Ion: 50 Resp: 9800
Ion Ratio Lower Upper
50 100
52 33.1 25.4 38.2

Manual Integrations
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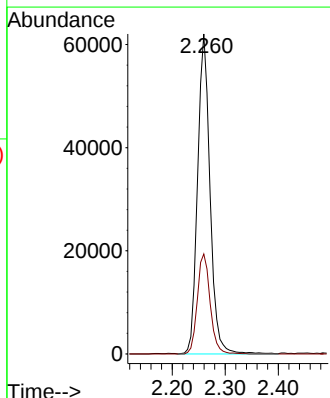
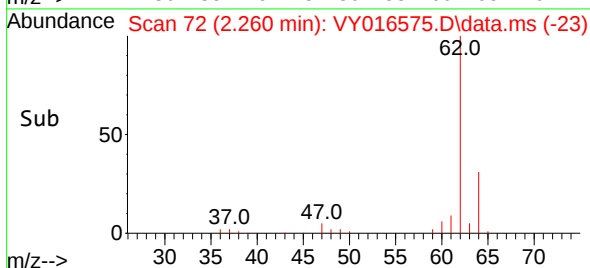
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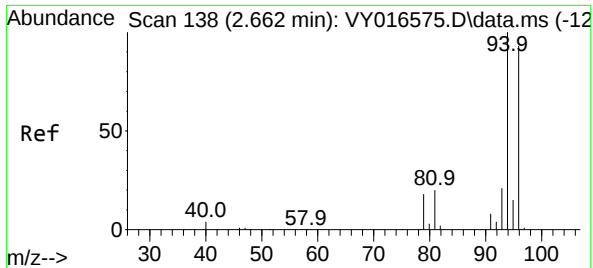


#4
Vinyl Chloride
Concen: 47.802 ug/l
RT: 2.260 min Scan# 72
Delta R.T. 0.000 min
Lab File: VY016575.D
Acq: 04 Dec 2023 13:30



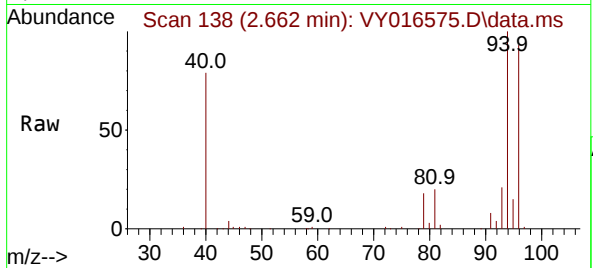
Tgt Ion: 62 Resp: 101322
Ion Ratio Lower Upper
62 100
64 31.3 24.3 36.5





#5
Bromomethane
Concen: 47.485 ug/l
RT: 2.662 min Scan# 138
Delta R.T. 0.000 min
Lab File: VY016575.D
Acq: 04 Dec 2023 13:30

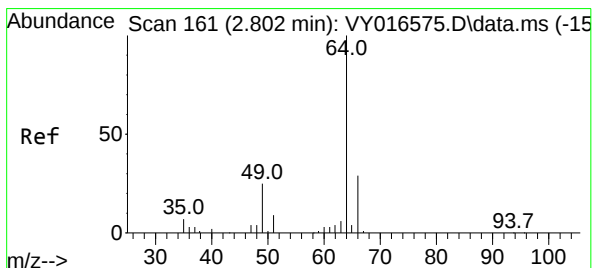
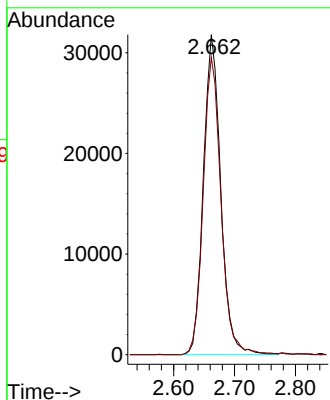
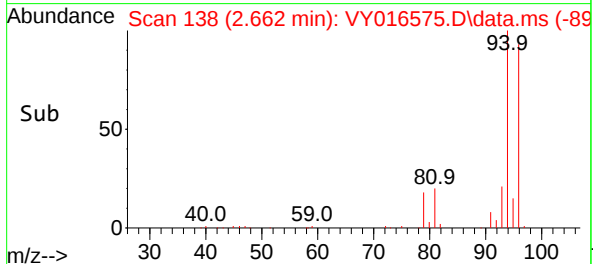
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Tgt Ion: 94 Resp: 6304
Ion Ratio Lower Upper
94 100
96 92.8 75.8 113.6

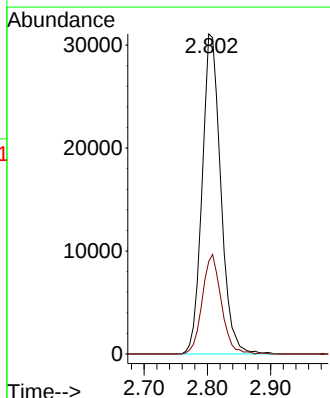
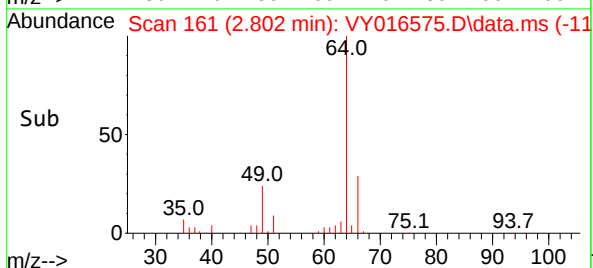
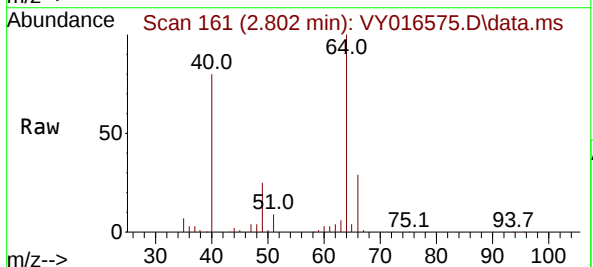
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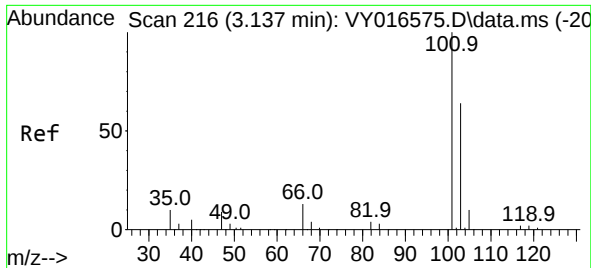
Reviewed By :Mahesh Dadoda 12/05/2023
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#6
Chloroethane
Concen: 48.708 ug/l
RT: 2.802 min Scan# 161
Delta R.T. 0.000 min
Lab File: VY016575.D
Acq: 04 Dec 2023 13:30

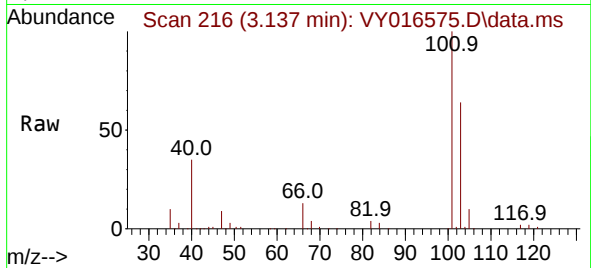
Tgt Ion: 64 Resp: 63773
Ion Ratio Lower Upper
64 100
66 28.9 24.4 36.6





#7
 Trichlorofluoromethane
 Concen: 48.210 ug/l
 RT: 3.137 min Scan# 216
 Delta R.T. 0.000 min
 Lab File: VY016575.D
 Acq: 04 Dec 2023 13:30

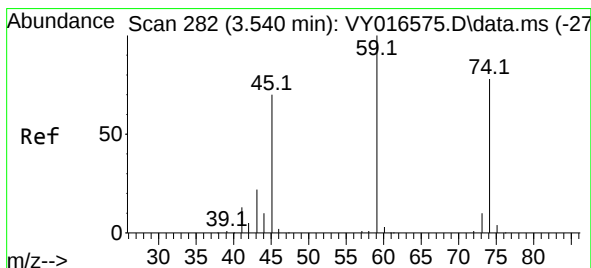
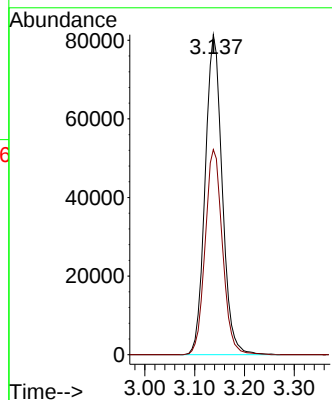
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050



Tgt Ion:101 Resp: 193180
 Ion Ratio Lower Upper
 101 100
 103 64.1 51.4 77.0

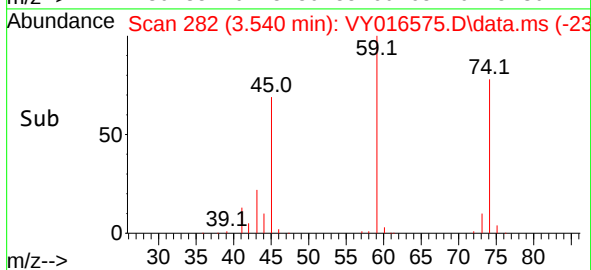
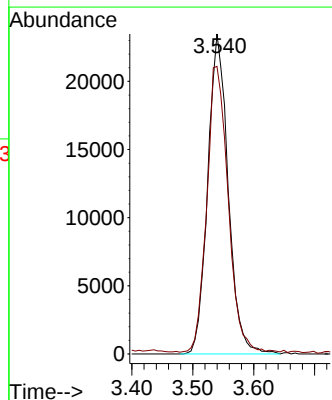
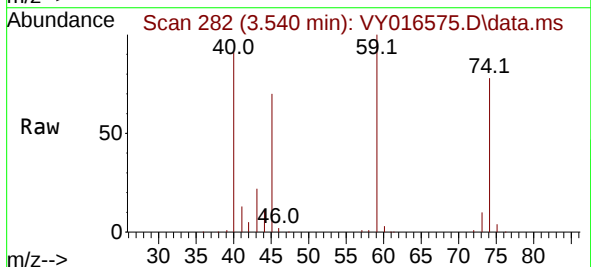
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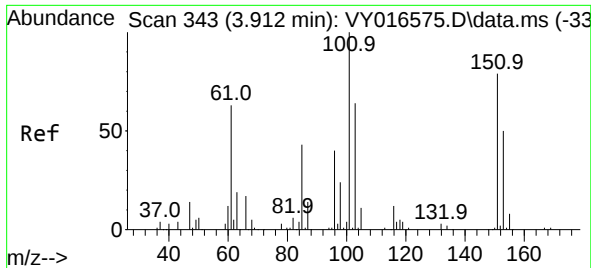
Reviewed By :Mahesh Dadoda 12/05/2023
 Supervised By :Semsettin Yesilyurt 12/05/2023



#8
 Diethyl Ether
 Concen: 49.071 ug/l
 RT: 3.540 min Scan# 282
 Delta R.T. 0.000 min
 Lab File: VY016575.D
 Acq: 04 Dec 2023 13:30

Tgt Ion: 74 Resp: 54763
 Ion Ratio Lower Upper
 74 100
 45 93.3 51.5 154.5





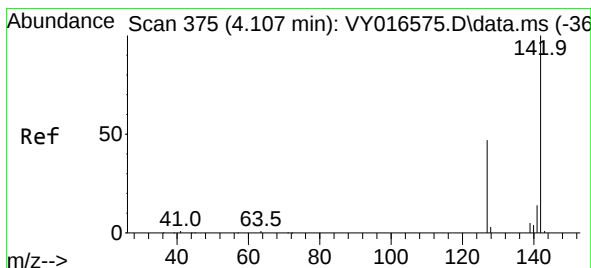
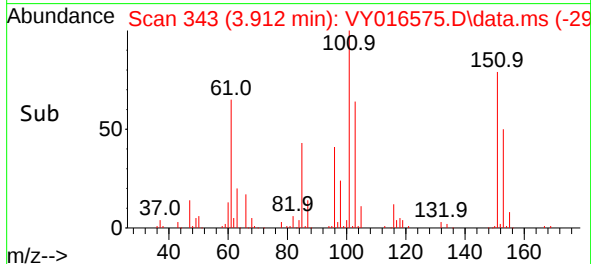
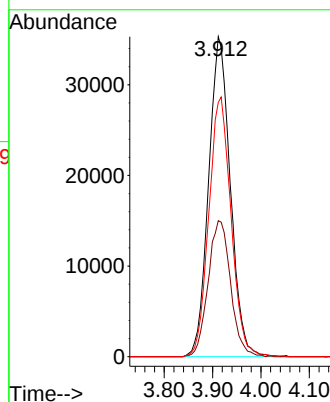
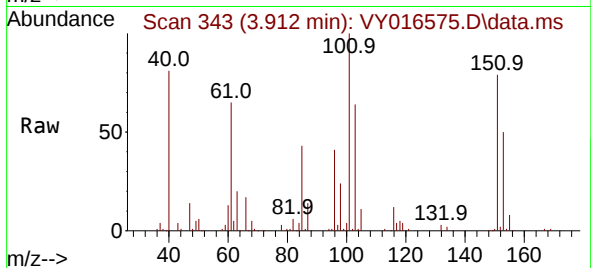
#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.143 ug/l
RT: 3.912 min Scan# 343
Delta R.T. 0.000 min
Lab File: VY016575.D
Acq: 04 Dec 2023 13:30

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion:101 Resp: 110120
Ion Ratio Lower Upper
101 100
85 44.0 36.6 55.0
151 83.2 67.0 100.6

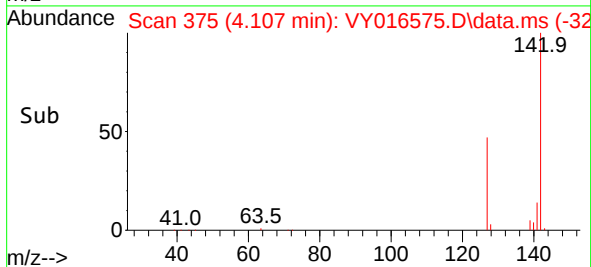
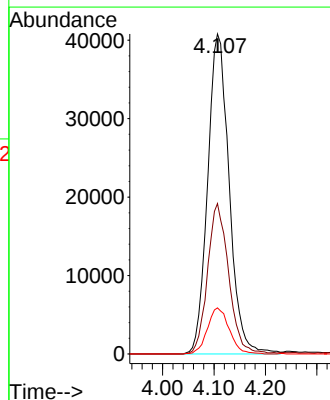
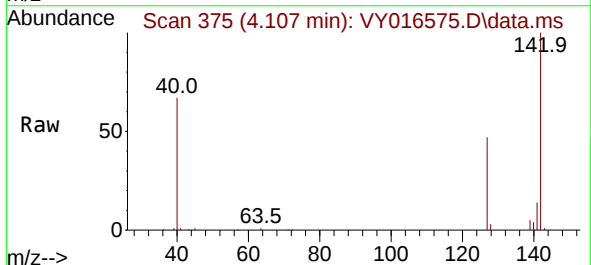
Manual Integrations
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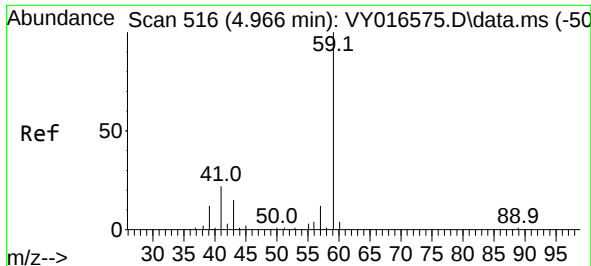
Reviewed By :Mahesh Dadoda 12/05/2023
Supervised By :Semsettin Yesilyurt 12/05/2023



#10
Methyl Iodide
Concen: 50.215 ug/l
RT: 4.107 min Scan# 375
Delta R.T. 0.000 min
Lab File: VY016575.D
Acq: 04 Dec 2023 13:30

Tgt Ion:142 Resp: 118888
Ion Ratio Lower Upper
142 100
127 46.1 37.6 56.4
141 14.6 11.8 17.8





#11

Tert butyl alcohol

Concen: 247.229 ug/l

RT: 4.966 min Scan# 516

Delta R.T. 0.000 min

Lab File: VY016575.D

Acq: 04 Dec 2023 13:30

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

Tgt Ion: 59 Resp: 3566

Ion Ratio Lower Upper

59 100

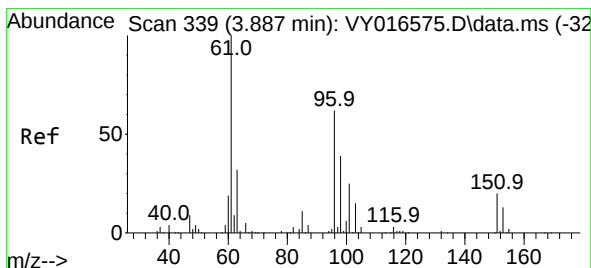
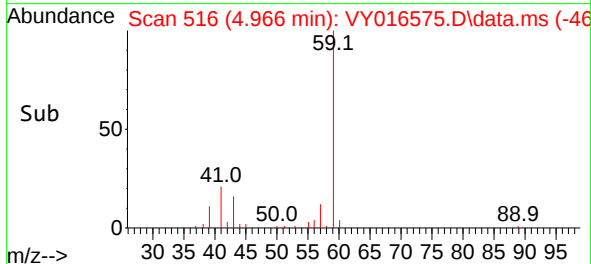
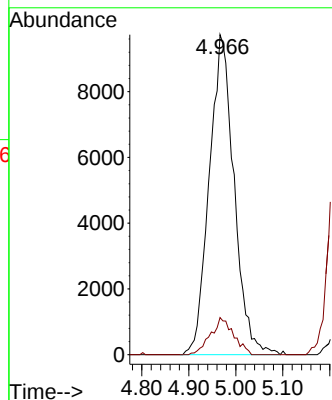
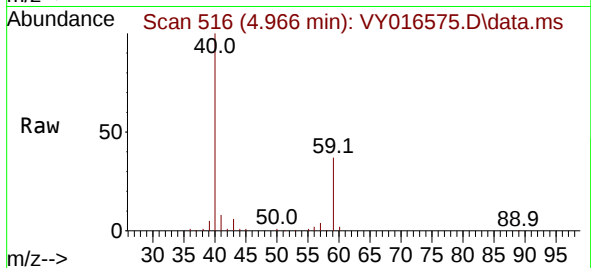
57 10.8 3.0 4.4

Manual Integrations

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Reviewed By :Mahesh Dadoda 12/05/2023

Supervised By :Semsettin Yesilyurt 12/05/2023



#12

1,1-Dichloroethene

Concen: 49.469 ug/l

RT: 3.887 min Scan# 339

Delta R.T. 0.000 min

Lab File: VY016575.D

Acq: 04 Dec 2023 13:30

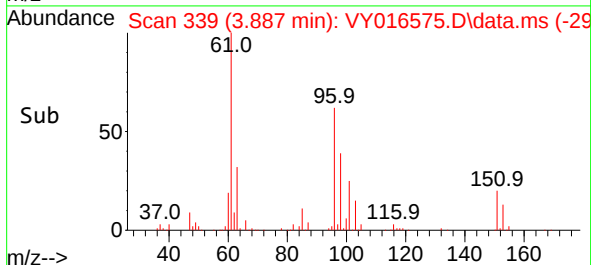
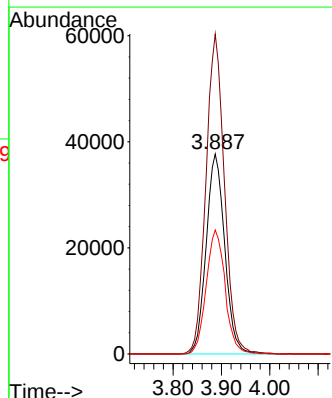
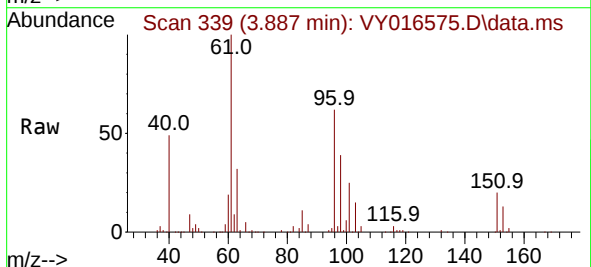
Tgt Ion: 96 Resp: 100699

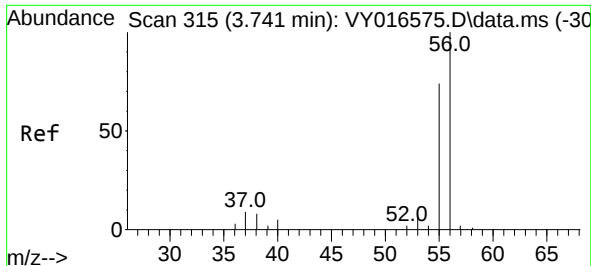
Ion Ratio Lower Upper

96 100

61 160.0 136.4 204.6

98 62.0 49.4 74.2





#13

Acrolein

Concen: 264.984 ug/l

RT: 3.741 min Scan# 315

Delta R.T. 0.000 min

Lab File: VY016575.D

Acq: 04 Dec 2023 13:30

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

Tgt Ion: 56 Resp: 5556

Ion Ratio Lower Upper

56 100

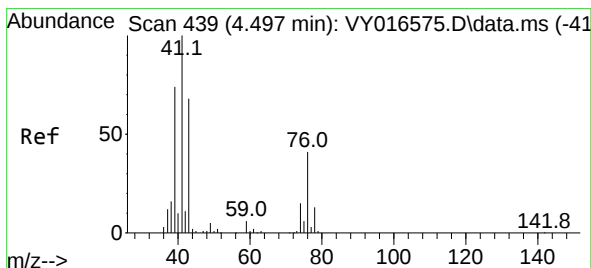
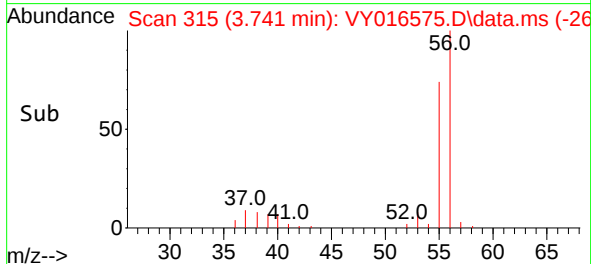
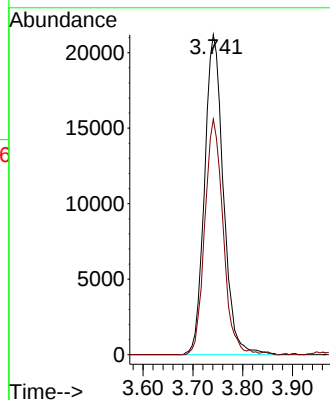
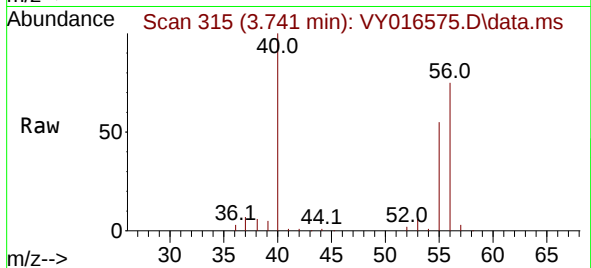
55 71.6 57.0 85.4

Manual Integrations

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Reviewed By :Mahesh Dadoda 12/05/2023

Supervised By :Semsettin Yesilyurt 12/05/2023



#14

Allyl chloride

Concen: 49.708 ug/l

RT: 4.497 min Scan# 439

Delta R.T. 0.000 min

Lab File: VY016575.D

Acq: 04 Dec 2023 13:30

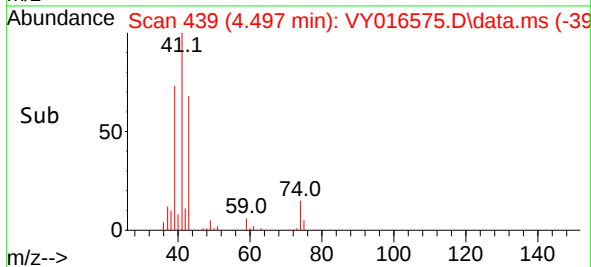
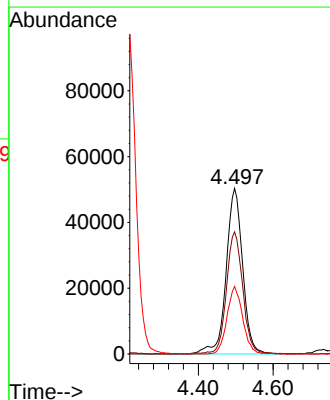
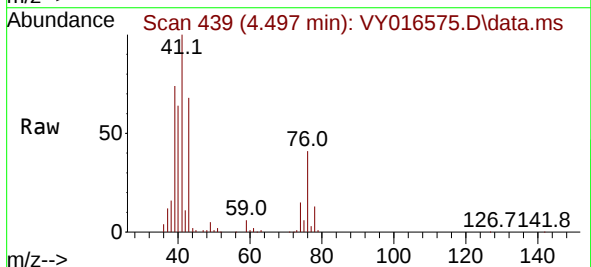
Tgt Ion: 41 Resp: 154418

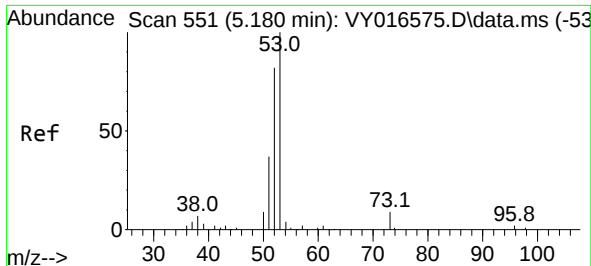
Ion Ratio Lower Upper

41 100

39 72.9 58.0 87.0

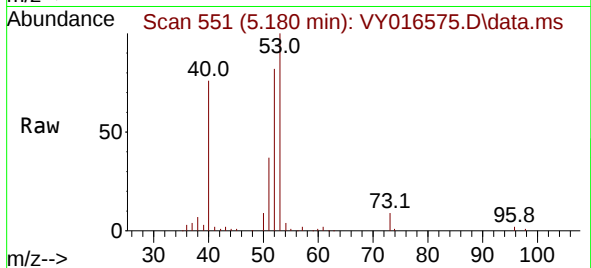
76 38.8 27.4 41.2





#15
Acrylonitrile
Concen: 257.285 ug/l
RT: 5.180 min Scan# 551
Delta R.T. 0.000 min
Lab File: VY016575.D
Acq: 04 Dec 2023 13:30

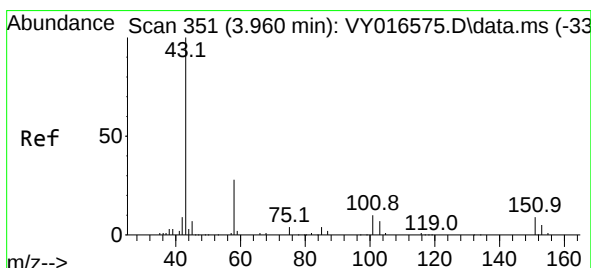
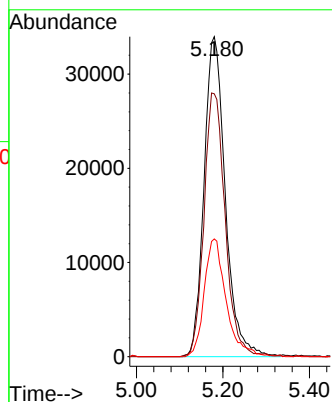
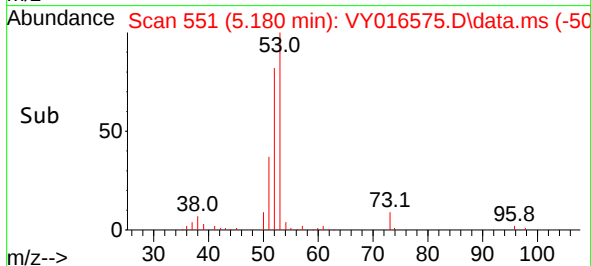
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050



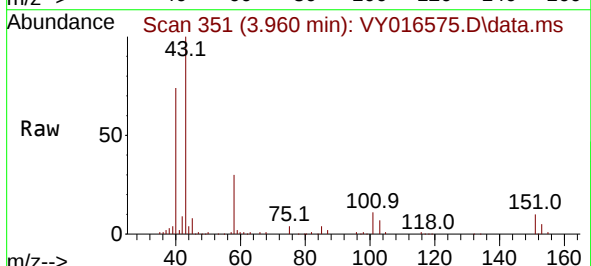
Tgt Ion: 53 Resp: 115889
Ion Ratio Lower Upper
53 100
52 82.2 66.9 100.3
51 38.0 29.8 44.6

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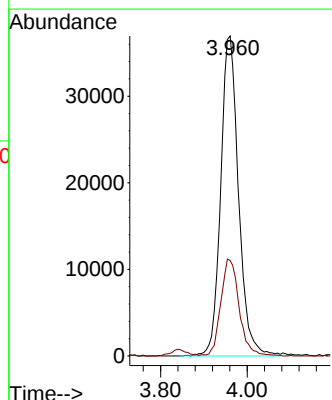
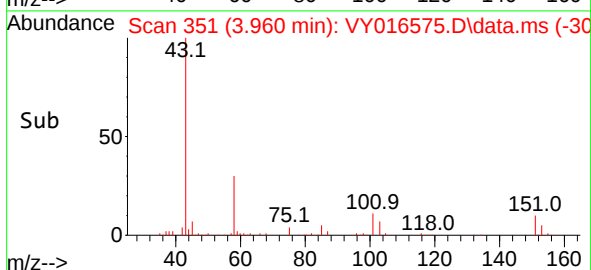
Reviewed By :Mahesh Dadoda 12/05/2023
Supervised By :Semsettin Yesilyurt 12/05/2023

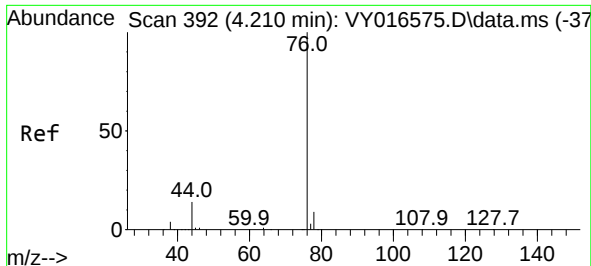


#16
Acetone
Concen: 220.911 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.000 min
Lab File: VY016575.D
Acq: 04 Dec 2023 13:30



Tgt Ion: 43 Resp: 105831
Ion Ratio Lower Upper
43 100
58 29.7 22.7 34.1





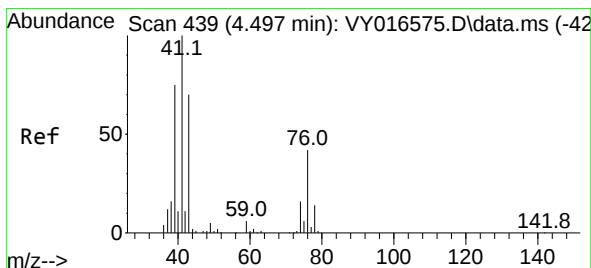
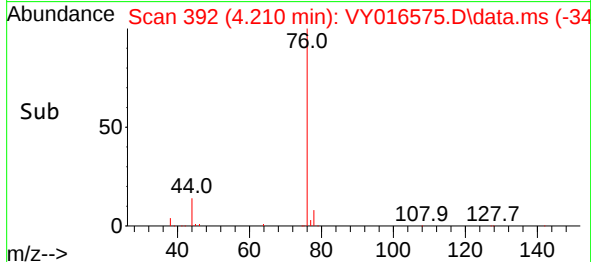
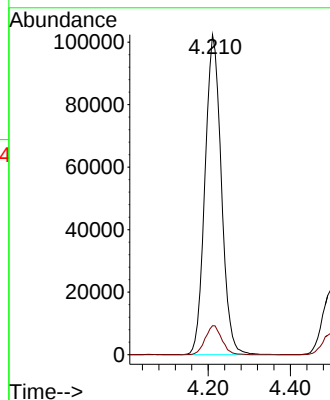
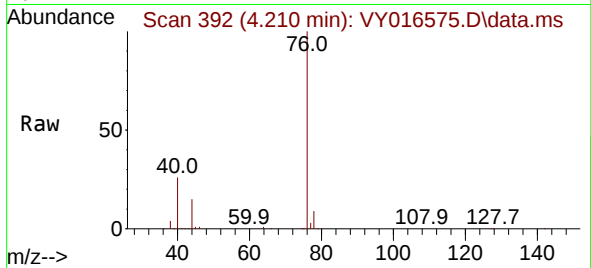
#17
Carbon Disulfide
Concen: 49.426 ug/l
RT: 4.210 min Scan# 392
Delta R.T. 0.000 min
Lab File: VY016575.D
Acq: 04 Dec 2023 13:30

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion: 76 Resp: 282075
Ion Ratio Lower Upper
76 100
78 9.0 7.0 10.4

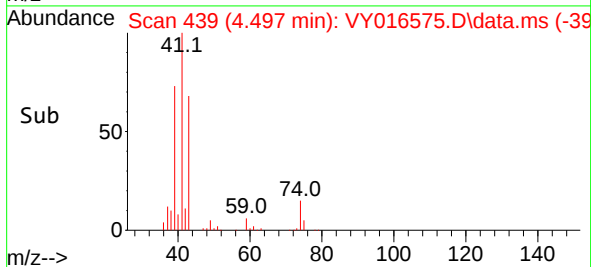
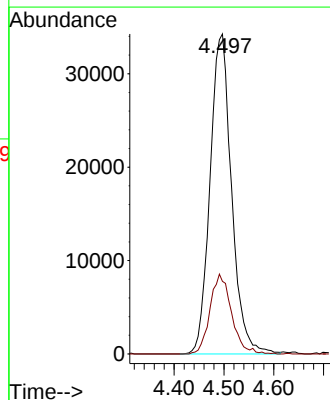
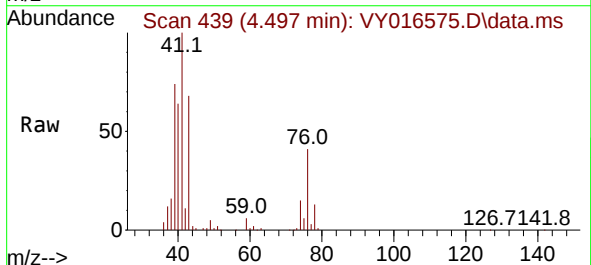
Manual Integrations
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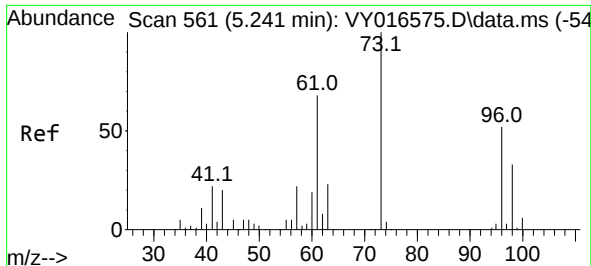
Reviewed By :Mahesh Dadoda 12/05/2023
Supervised By :Semsettin Yesilyurt 12/05/2023



#18
Methyl Acetate
Concen: 54.119 ug/l
RT: 4.497 min Scan# 439
Delta R.T. 0.000 min
Lab File: VY016575.D
Acq: 04 Dec 2023 13:30

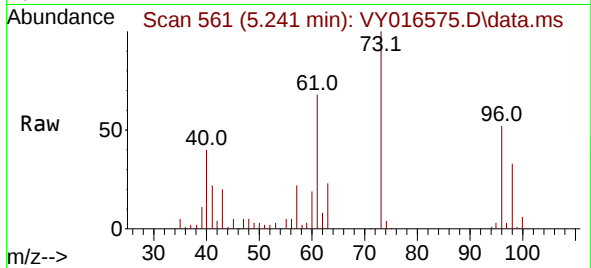
Tgt Ion: 43 Resp: 102769
Ion Ratio Lower Upper
43 100
74 24.9 17.4 26.0





#19
Methyl tert-butyl Ether
Concen: 51.374 ug/l
RT: 5.241 min Scan# 50
Delta R.T. 0.000 min
Lab File: VY016575.D
Acq: 04 Dec 2023 13:30

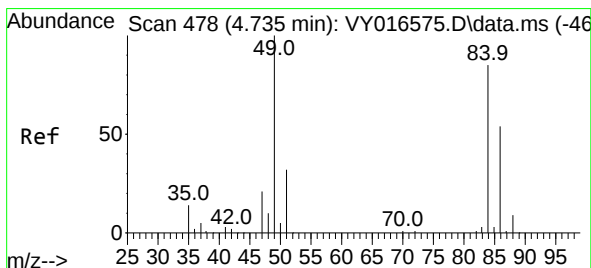
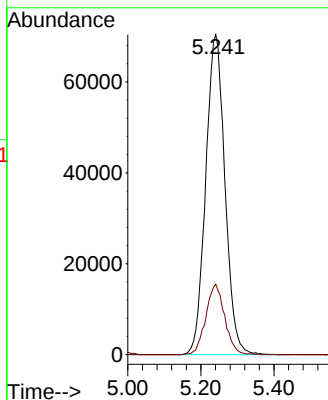
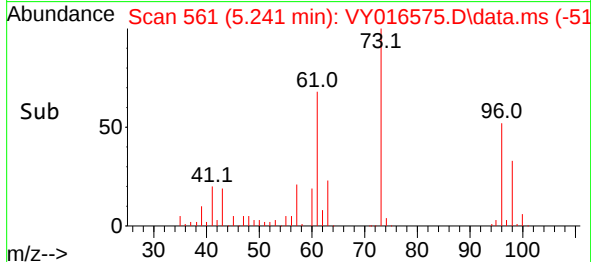
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050



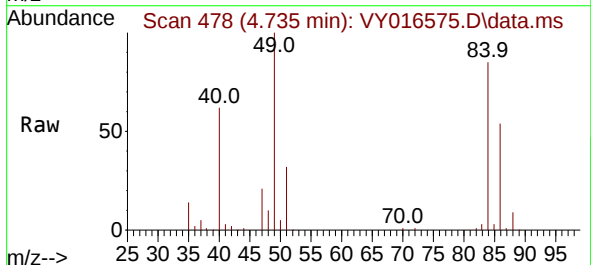
Tgt Ion: 73 Resp: 257070
Ion Ratio Lower Upper
73 100
57 22.0 17.3 25.9

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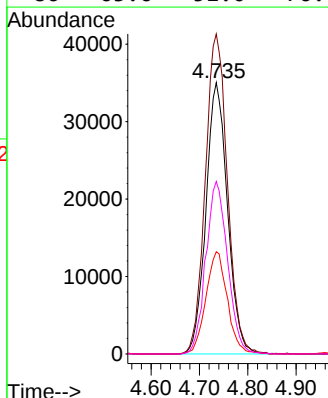
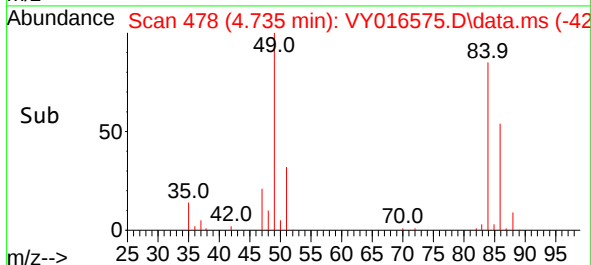
Reviewed By :Mahesh Dadoda 12/05/2023
Supervised By :Semsettin Yesilyurt 12/05/2023

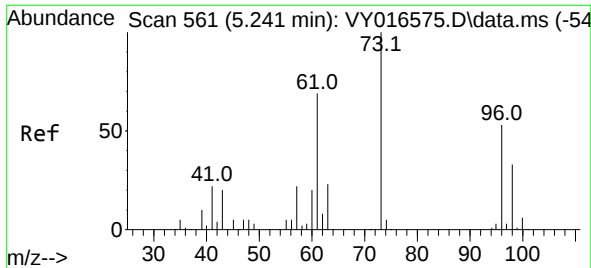


#20
Methylene Chloride
Concen: 51.534 ug/l
RT: 4.735 min Scan# 478
Delta R.T. -0.000 min
Lab File: VY016575.D
Acq: 04 Dec 2023 13:30



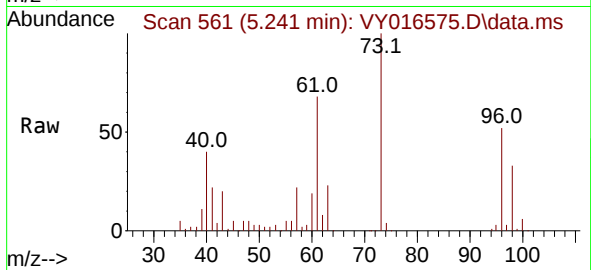
Tgt Ion: 84 Resp: 108619
Ion Ratio Lower Upper
84 100
49 117.9 106.9 160.3
51 37.6 33.2 49.8
86 63.6 51.0 76.6





#21
trans-1,2-Dichloroethene
Concen: 48.954 ug/l
RT: 5.241 min Scan# 561
Delta R.T. 0.000 min
Lab File: VY016575.D
Acq: 04 Dec 2023 13:30

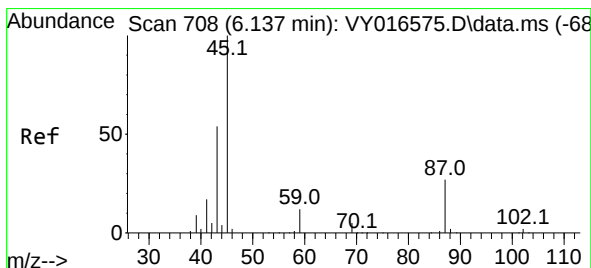
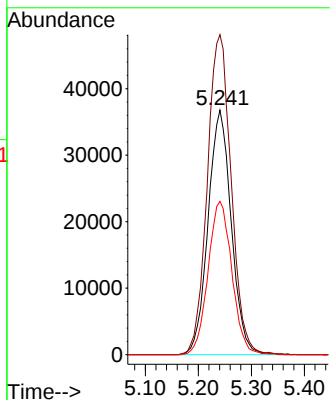
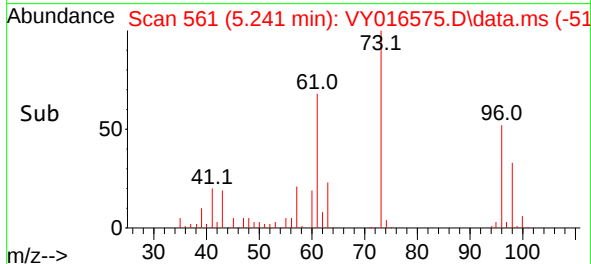
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050



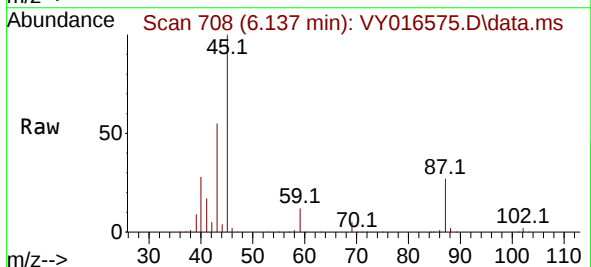
Tgt Ion: 96 Resp: 112060
Ion Ratio Lower Upper
96 100
61 130.8 110.2 165.4
98 62.7 51.8 77.6

Manual Integrations
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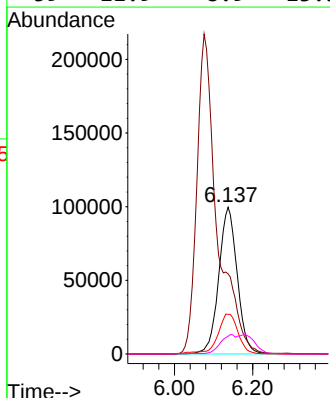
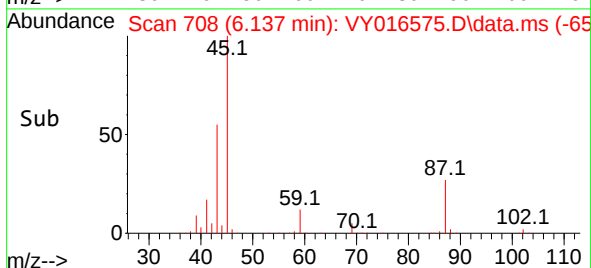
Reviewed By :Mahesh Dadoda 12/05/2023
Supervised By :Semsettin Yesilyurt 12/05/2023

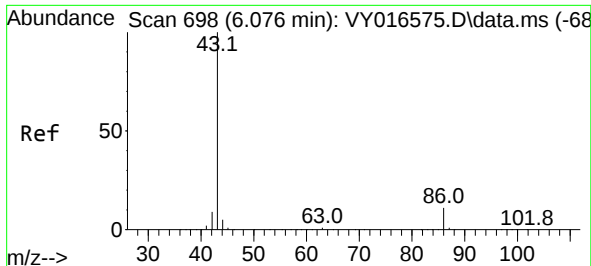


#22
Diisopropyl ether
Concen: 51.117 ug/l
RT: 6.137 min Scan# 708
Delta R.T. 0.000 min
Lab File: VY016575.D
Acq: 04 Dec 2023 13:30



Tgt Ion: 45 Resp: 326586
Ion Ratio Lower Upper
45 100
43 54.5 52.2 78.4
87 27.1 21.0 31.6
59 11.9 8.9 13.3





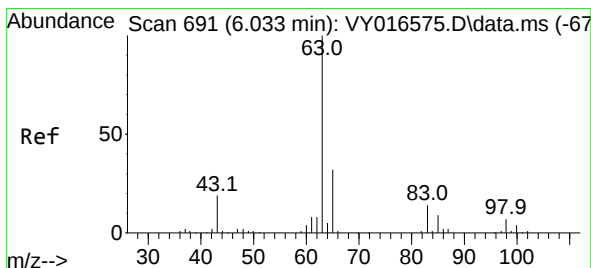
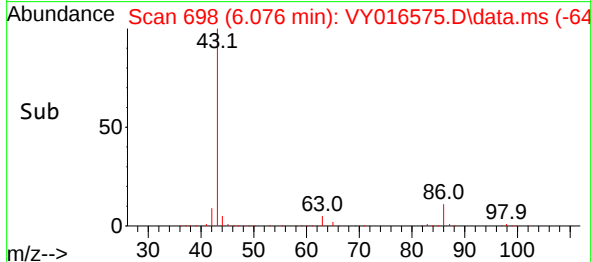
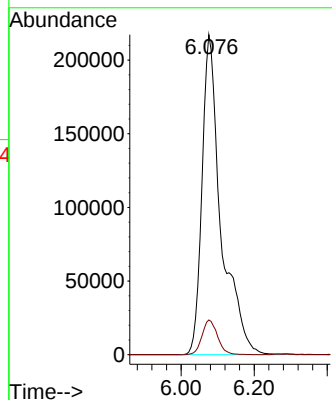
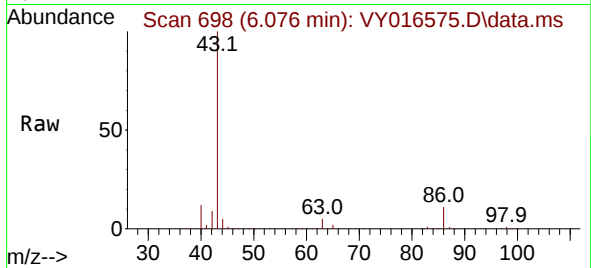
#23
 Vinyl Acetate
 Concen: 255.865 ug/l
 RT: 6.076 min Scan# 698
 Delta R.T. 0.000 min
 Lab File: VY016575.D
 Acq: 04 Dec 2023 13:30

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

Tgt Ion: 43 Resp: 784750
 Ion Ratio Lower Upper
 43 100
 86 10.8 7.5 11.3

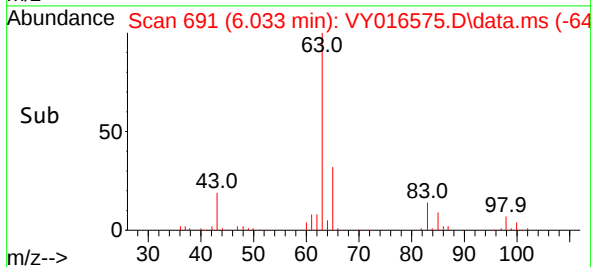
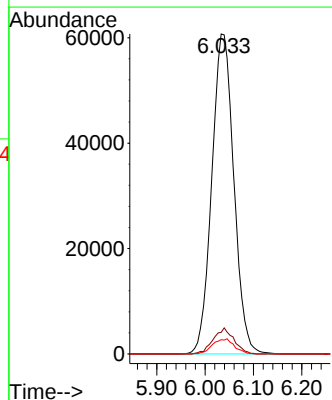
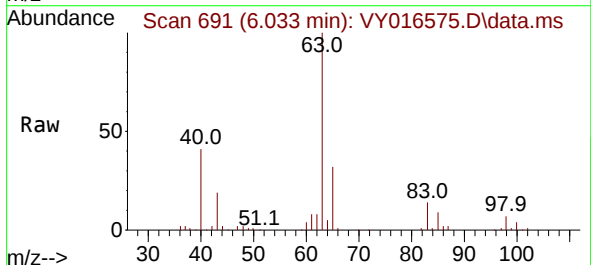
Manual Integrations
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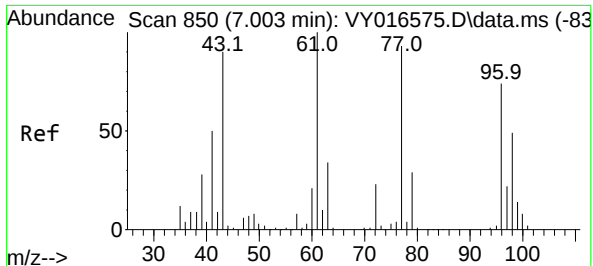
Reviewed By :Mahesh Dadoda 12/05/2023
 Supervised By :Semsettin Yesilyurt 12/05/2023



#24
 1,1-Dichloroethane
 Concen: 48.934 ug/l
 RT: 6.033 min Scan# 691
 Delta R.T. 0.000 min
 Lab File: VY016575.D
 Acq: 04 Dec 2023 13:30

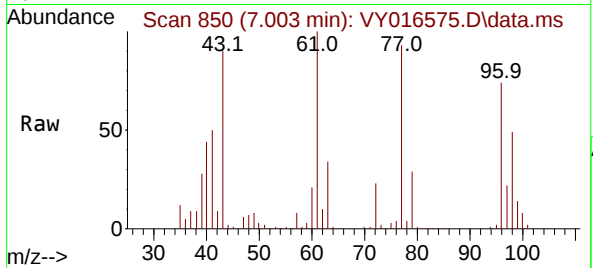
Tgt Ion: 63 Resp: 192068
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.1 9.4
 100 4.4 1.8 5.5





#25
2-Butanone
Concen: 237.769 ug/l
RT: 7.003 min Scan# 850
Delta R.T. 0.000 min
Lab File: VY016575.D
Acq: 04 Dec 2023 13:30

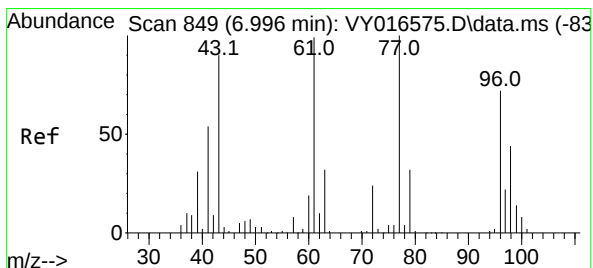
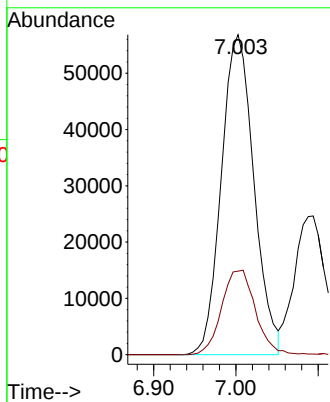
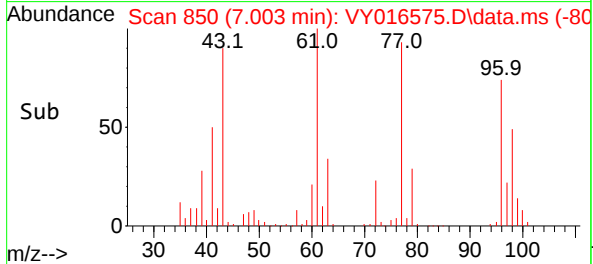
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050



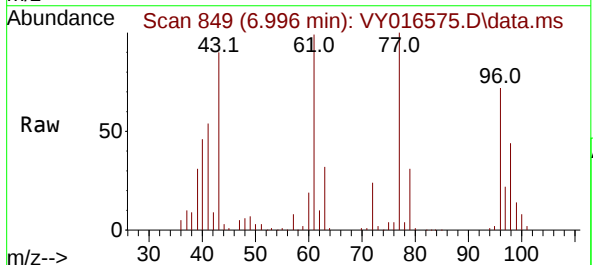
Tgt Ion: 43 Resp: 15663
Ion Ratio Lower Upper
43 100
72 26.1 20.5 30.7

Manual Integrations
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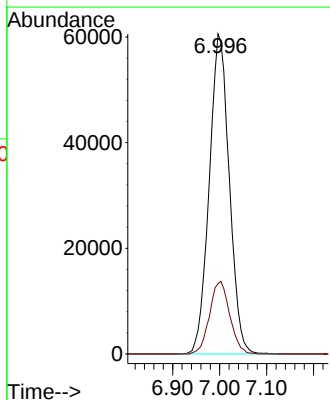
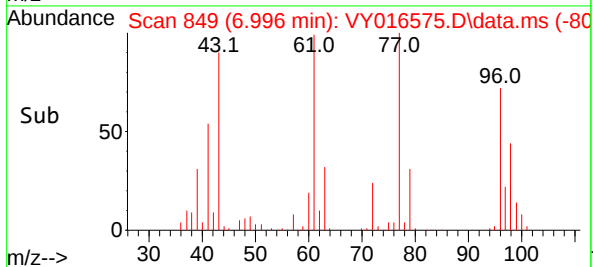
Reviewed By :Mahesh Dadoda 12/05/2023
Supervised By :Semsettin Yesilyurt 12/05/2023

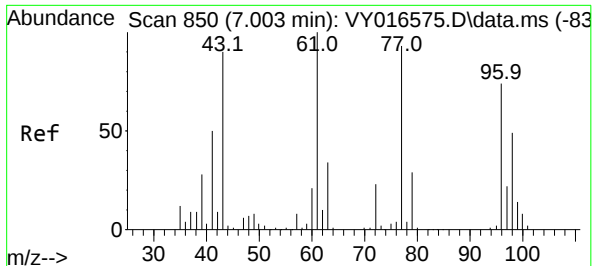


#26
2,2-Dichloropropane
Concen: 48.595 ug/l
RT: 6.996 min Scan# 849
Delta R.T. 0.000 min
Lab File: VY016575.D
Acq: 04 Dec 2023 13:30



Tgt Ion: 77 Resp: 179318
Ion Ratio Lower Upper
77 100
97 22.8 10.9 32.9





#27

cis-1,2-Dichloroethene

Concen: 49.679 ug/l

RT: 7.003 min Scan# 850

Delta R.T. 0.000 min

Lab File: VY016575.D

Acq: 04 Dec 2023 13:30

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

Tgt Ion: 96 Resp: 125170

Ion Ratio Lower Upper

96 100

61 141.1 0.0 301.4

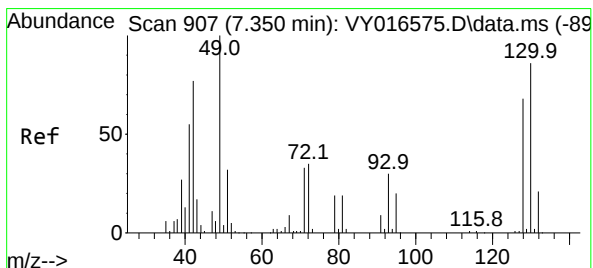
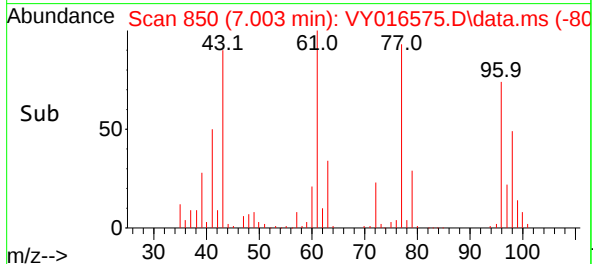
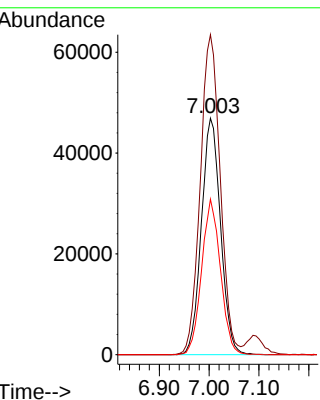
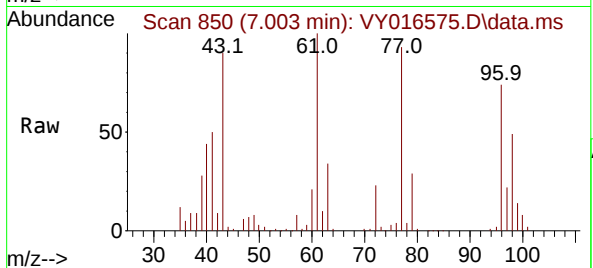
98 64.6 0.0 130.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/05/2023

Supervised By :Semsettin Yesilyurt 12/05/2023



#28

Bromochloromethane

Concen: 52.896 ug/l

RT: 7.350 min Scan# 907

Delta R.T. 0.000 min

Lab File: VY016575.D

Acq: 04 Dec 2023 13:30

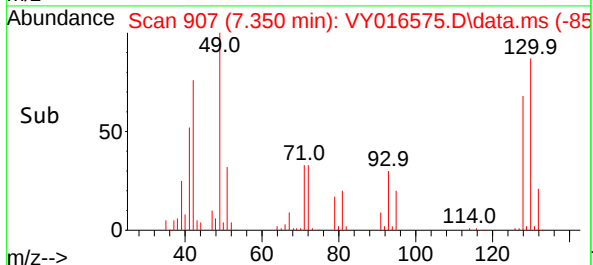
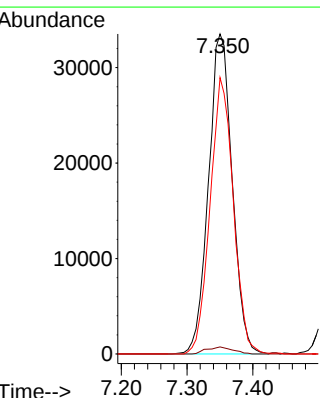
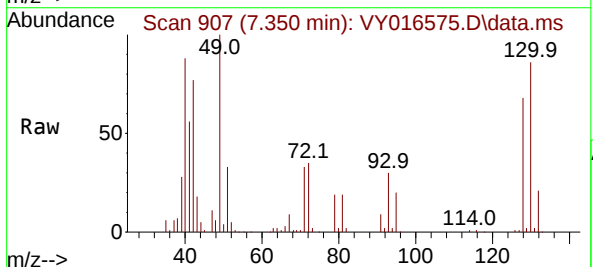
Tgt Ion: 49 Resp: 84098

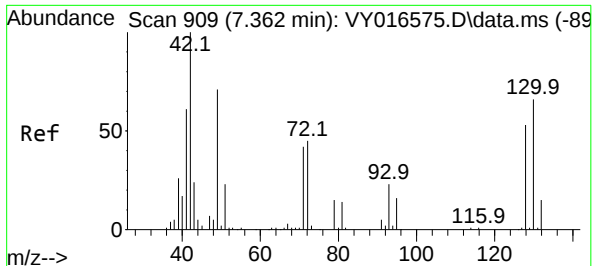
Ion Ratio Lower Upper

49 100

129 2.4 0.0 4.6

130 84.5 60.7 91.1





#29

Tetrahydrofuran

Concen: 264.651 ug/l

RT: 7.362 min Scan# 909

Delta R.T. 0.000 min

Lab File: VY016575.D

Acq: 04 Dec 2023 13:30

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

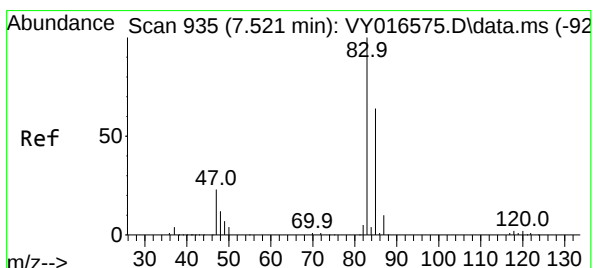
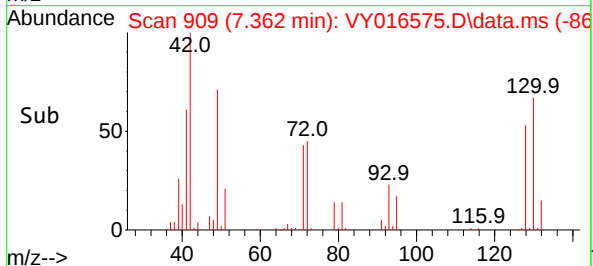
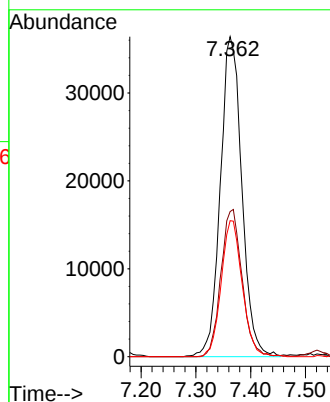
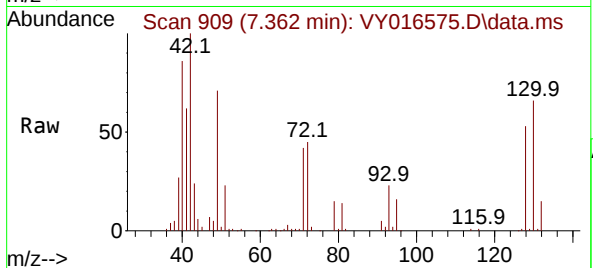
Tgt Ion: 42 Resp: 9939

Ion	Ratio	Lower	Upper
42	100		
72	45.1	32.8	49.2
71	41.7	31.0	46.4

Manual Integrations

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Reviewed By :Mahesh Dadoda 12/05/2023
Supervised By :Semsettin Yesilyurt 12/05/2023



#30

Chloroform

Concen: 48.886 ug/l

RT: 7.521 min Scan# 935

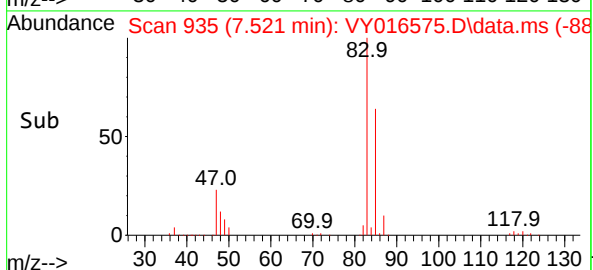
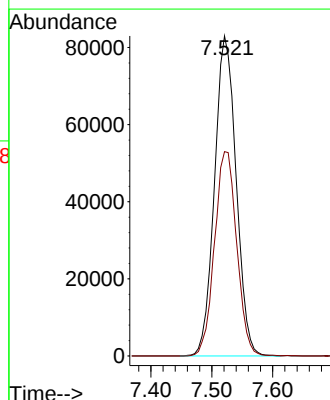
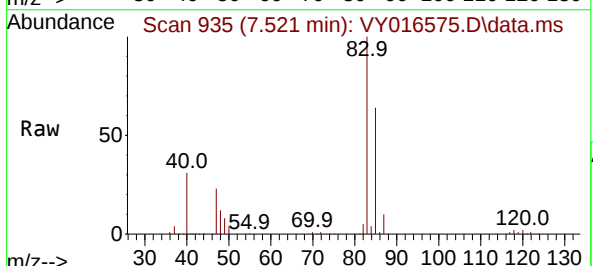
Delta R.T. 0.000 min

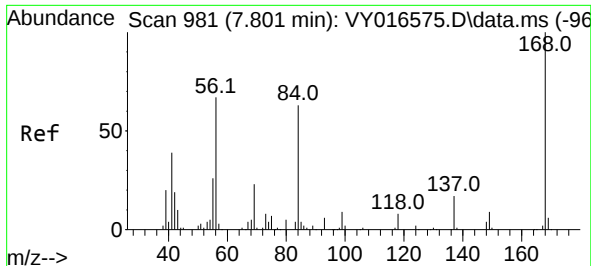
Lab File: VY016575.D

Acq: 04 Dec 2023 13:30

Tgt Ion: 83 Resp: 204539

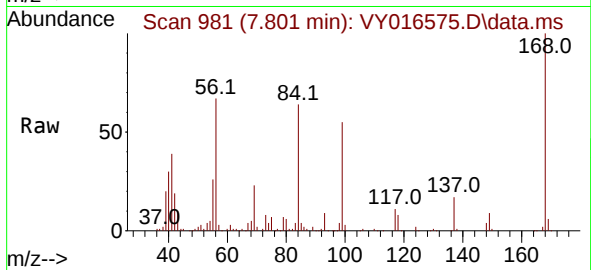
Ion	Ratio	Lower	Upper
83	100		
85	63.8	49.7	74.5





#31
Cyclohexane
Concen: 46.507 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY016575.D
Acq: 04 Dec 2023 13:30

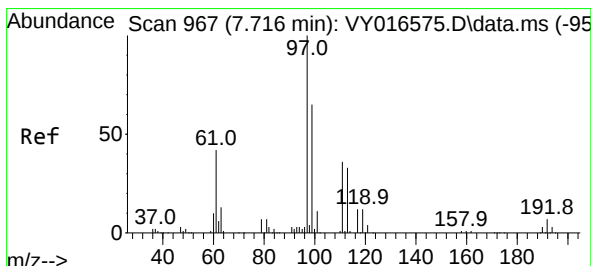
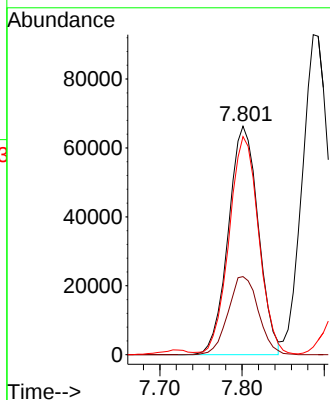
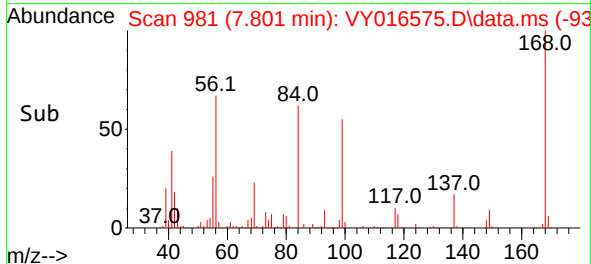
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050



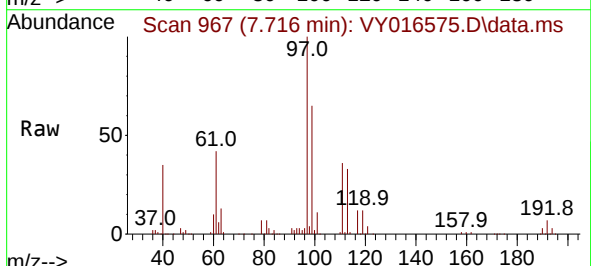
Tgt Ion: 56 Resp: 16808
Ion Ratio Lower Upper
56 100
69 34.2 27.8 41.6
84 93.4 66.4 99.6

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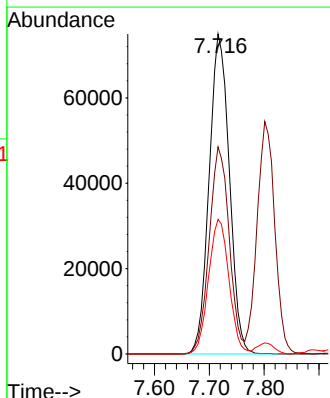
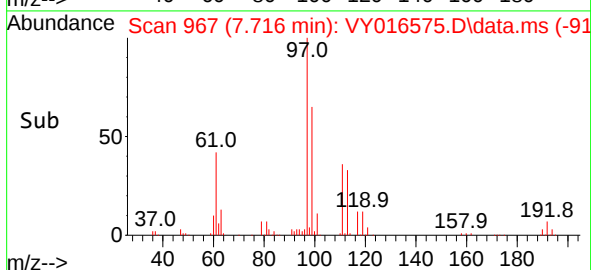
Reviewed By :Mahesh Dadoda 12/05/2023
Supervised By :Semsettin Yesilyurt 12/05/2023

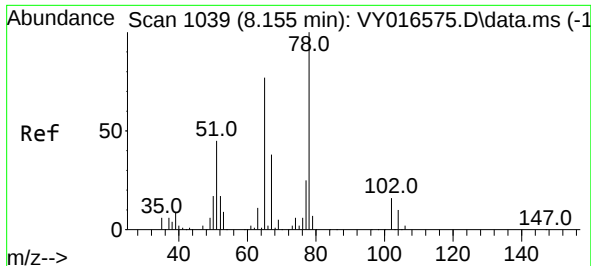


#32
1,1,1-Trichloroethane
Concen: 48.431 ug/l
RT: 7.716 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY016575.D
Acq: 04 Dec 2023 13:30



Tgt Ion: 97 Resp: 191770
Ion Ratio Lower Upper
97 100
99 64.4 50.8 76.2
61 42.8 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 53.946 ug/l

RT: 8.155 min Scan# 1039

Delta R.T. 0.000 min

Lab File: VY016575.D

Acq: 04 Dec 2023 13:30

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

Tgt Ion: 65 Resp: 11420

Ion Ratio Lower Upper

65 100

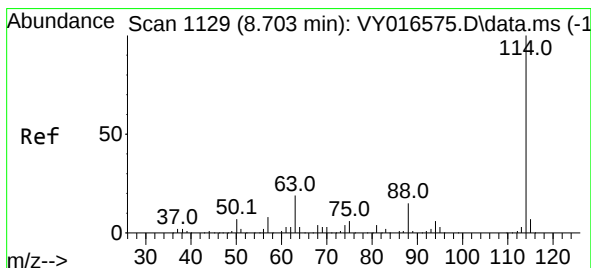
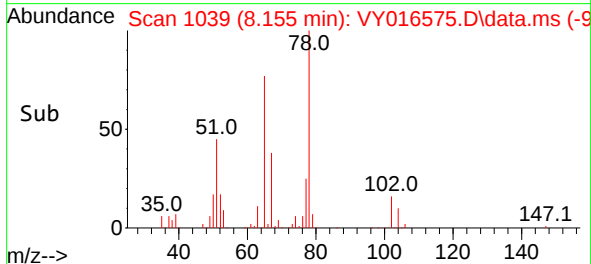
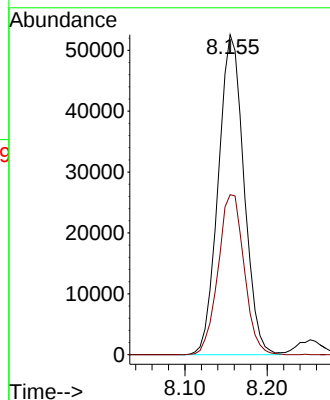
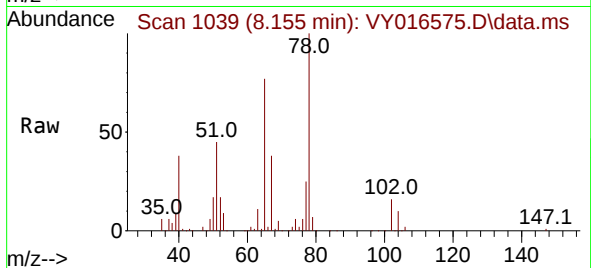
67 50.7 0.0 101.8

Manual Integrations

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Reviewed By :Mahesh Dadoda 12/05/2023

Supervised By :Semsettin Yesilyurt 12/05/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.703 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VY016575.D

Acq: 04 Dec 2023 13:30

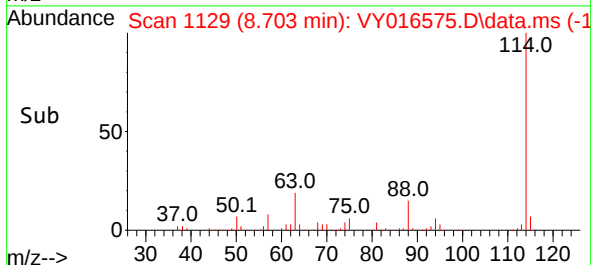
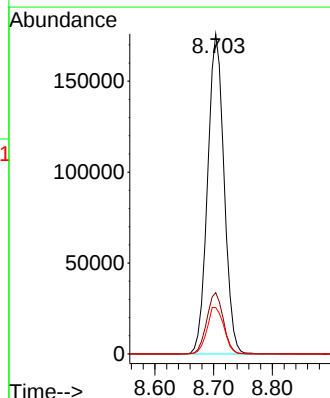
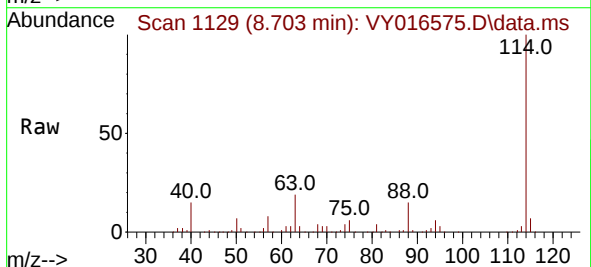
Tgt Ion:114 Resp: 342210

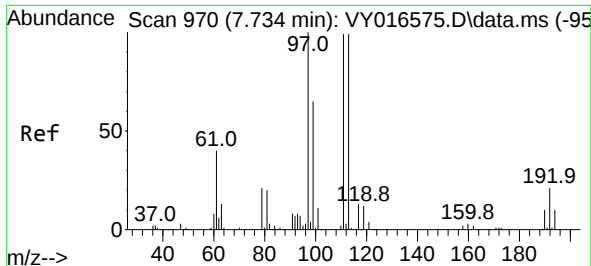
Ion Ratio Lower Upper

114 100

63 19.2 0.0 42.4

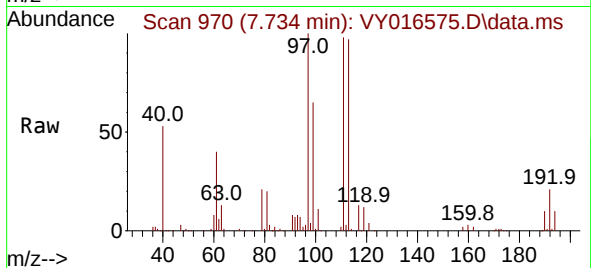
88 14.5 0.0 30.6





#35
Dibromofluoromethane
Concen: 54.271 ug/l
RT: 7.734 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY016575.D
Acq: 04 Dec 2023 13:30

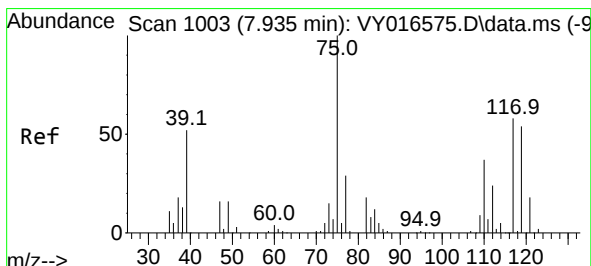
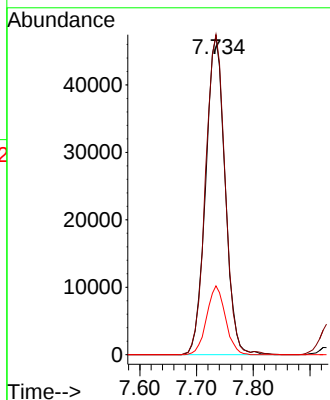
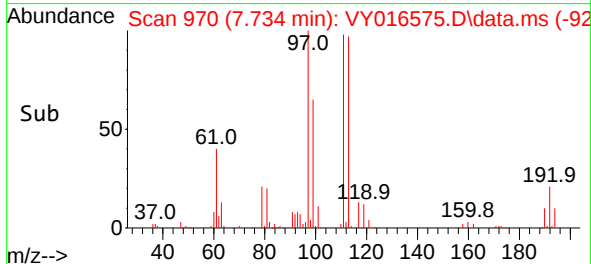
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050



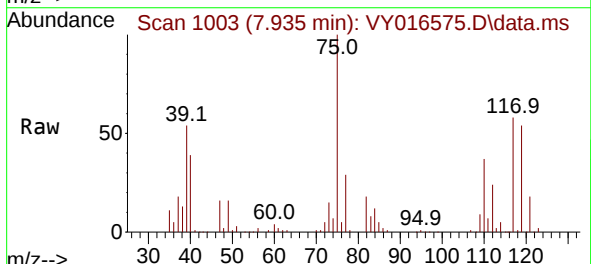
Tgt Ion:113 Resp: 111768
Ion Ratio Lower Upper
113 100
111 101.3 81.3 121.9
192 20.9 16.9 25.3

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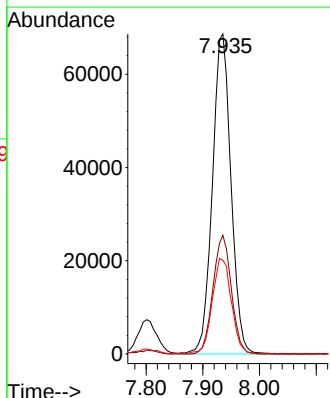
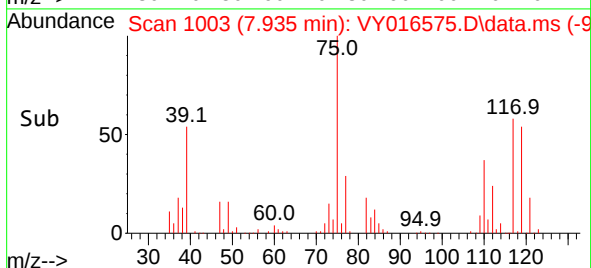
Reviewed By :Mahesh Dadoda 12/05/2023
Supervised By :Semsettin Yesilyurt 12/05/2023

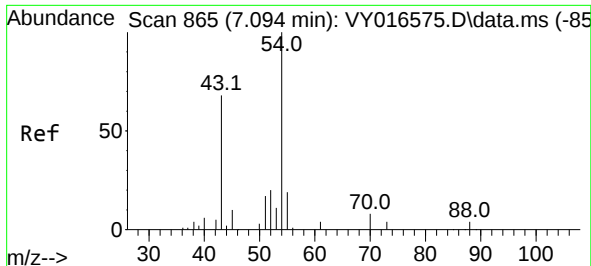


#36
1,1-Dichloropropene
Concen: 50.008 ug/l
RT: 7.935 min Scan# 1003
Delta R.T. 0.000 min
Lab File: VY016575.D
Acq: 04 Dec 2023 13:30



Tgt Ion: 75 Resp: 156553
Ion Ratio Lower Upper
75 100
110 36.5 17.8 53.5
77 30.8 24.4 36.6





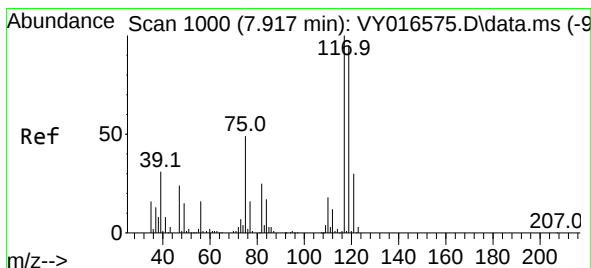
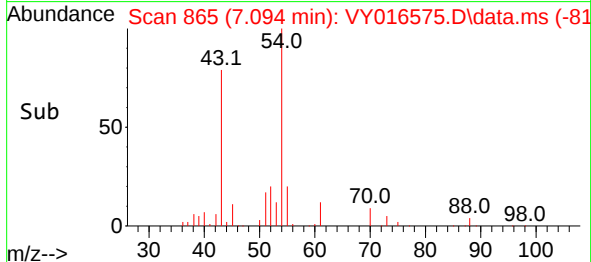
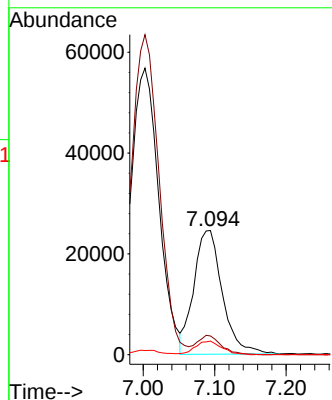
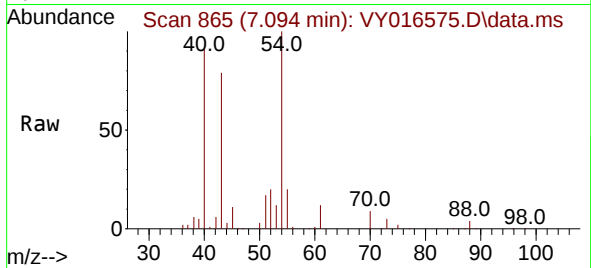
#37
Ethyl Acetate
Concen: 52.006 ug/l
RT: 7.094 min Scan# 865
Delta R.T. 0.000 min
Lab File: VY016575.D
Acq: 04 Dec 2023 13:30

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion: 43 Resp: 68120
Ion Ratio Lower Upper
43 100
61 13.2 10.1 15.1
70 10.2 7.1 10.7

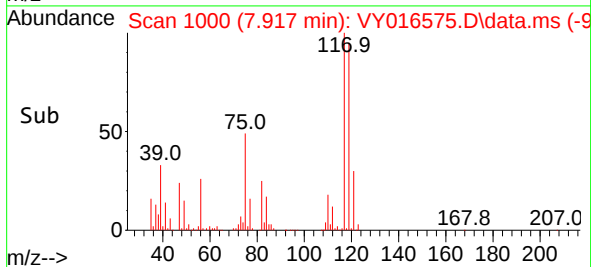
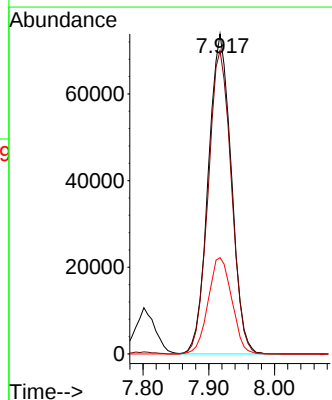
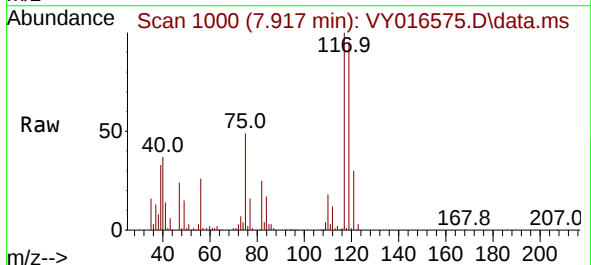
Manual Integrations
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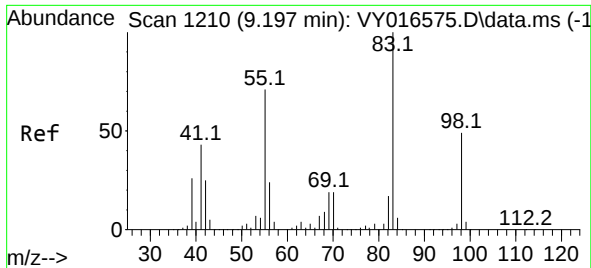
Reviewed By :Mahesh Dadoda 12/05/2023
Supervised By :Semsettin Yesilyurt 12/05/2023



#38
Carbon Tetrachloride
Concen: 49.658 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. 0.000 min
Lab File: VY016575.D
Acq: 04 Dec 2023 13:30

Tgt Ion:117 Resp: 179969
Ion Ratio Lower Upper
117 100
119 94.8 76.4 114.6
121 30.1 25.8 38.6





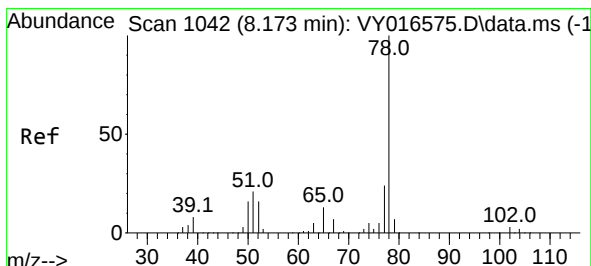
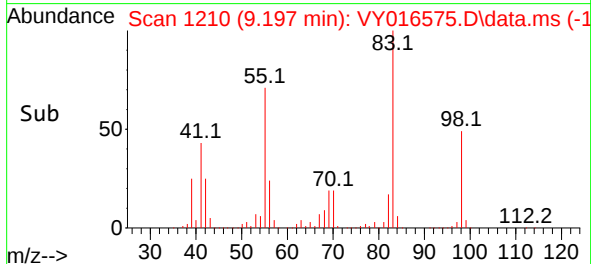
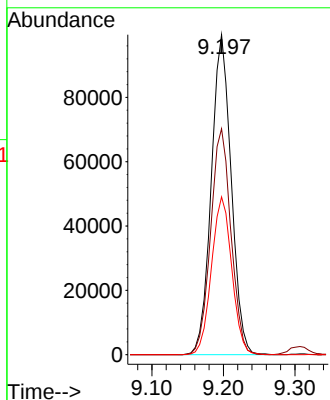
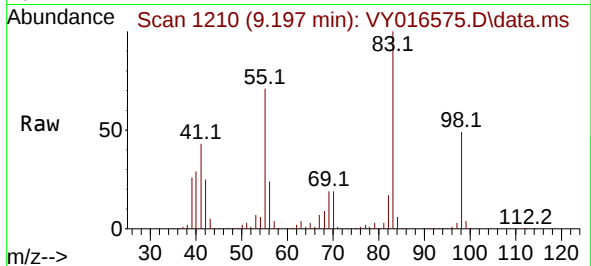
#39
Methylcyclohexane
Concen: 51.002 ug/l
RT: 9.197 min Scan# 1210
Delta R.T. 0.000 min
Lab File: VY016575.D
Acq: 04 Dec 2023 13:30

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion: 83 Resp: 192369
Ion Ratio Lower Upper
83 100
55 70.6 63.0 94.4
98 49.3 37.4 56.2

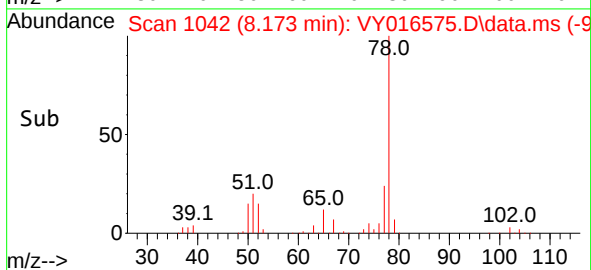
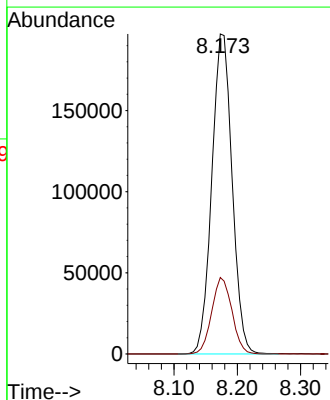
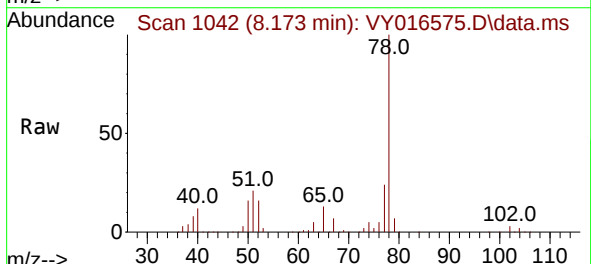
Manual Integrations
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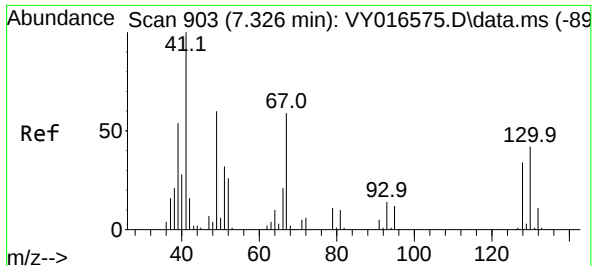
Reviewed By :Mahesh Dadoda 12/05/2023
Supervised By :Semsettin Yesilyurt 12/05/2023



#40
Benzene
Concen: 49.726 ug/l
RT: 8.173 min Scan# 1042
Delta R.T. 0.000 min
Lab File: VY016575.D
Acq: 04 Dec 2023 13:30

Tgt Ion: 78 Resp: 438781
Ion Ratio Lower Upper
78 100
77 23.9 19.0 28.6





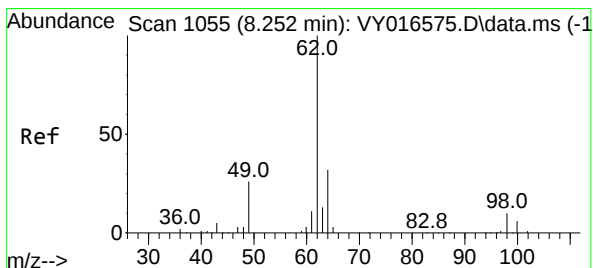
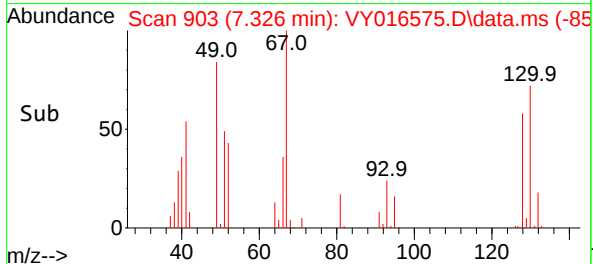
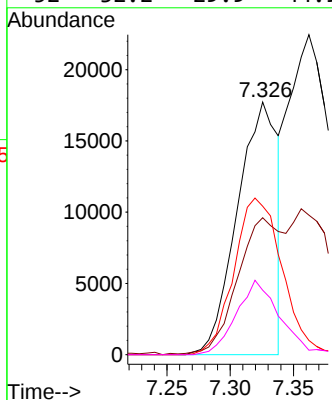
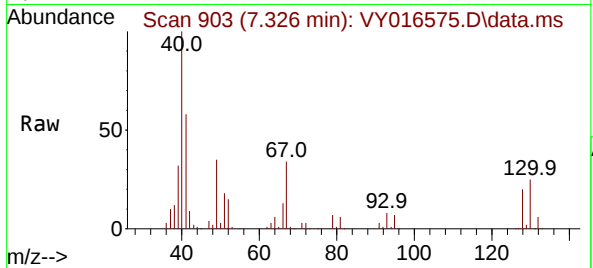
#41
Methacrylonitrile
Concen: 53.357 ug/l
RT: 7.326 min Scan# 903
Delta R.T. 0.000 min
Lab File: VY016575.D
Acq: 04 Dec 2023 13:30

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion: 41 Resp: 39360
Ion Ratio Lower Upper
41 100
39 61.7 52.1 78.1
67 74.8 66.2 99.2
52 32.2 29.9 44.9

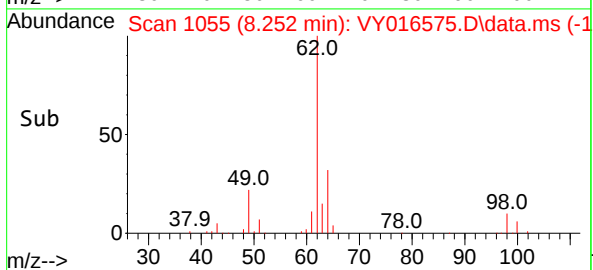
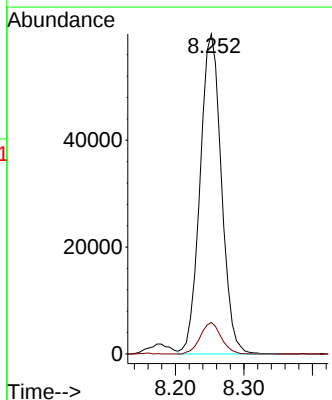
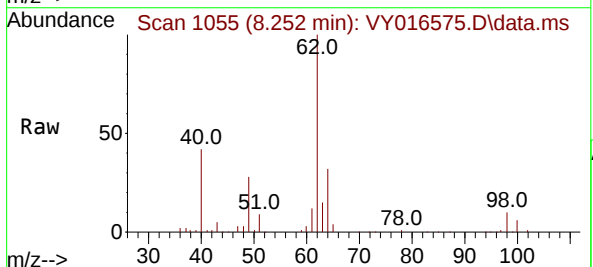
Manual Integrations
APPROVED

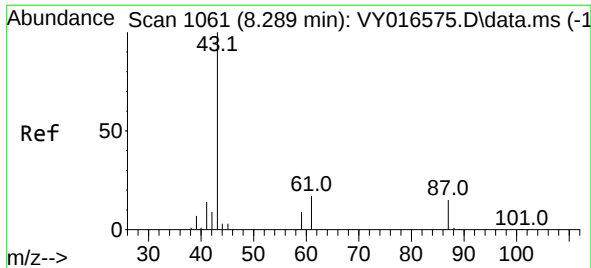
Reviewed By :Mahesh Dadoda 12/05/2023
Supervised By :Semsettin Yesilyurt 12/05/2023



#42
1,2-Dichloroethane
Concen: 50.639 ug/l
RT: 8.252 min Scan# 1055
Delta R.T. 0.000 min
Lab File: VY016575.D
Acq: 04 Dec 2023 13:30

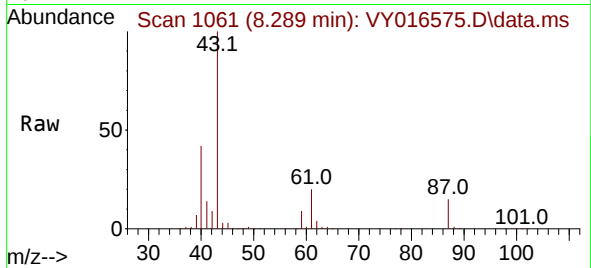
Tgt Ion: 62 Resp: 129746
Ion Ratio Lower Upper
62 100
98 9.6 0.0 15.8





#43
Isopropyl Acetate
Concen: 53.207 ug/l
RT: 8.289 min Scan# 1061
Delta R.T. 0.000 min
Lab File: VY016575.D
Acq: 04 Dec 2023 13:30

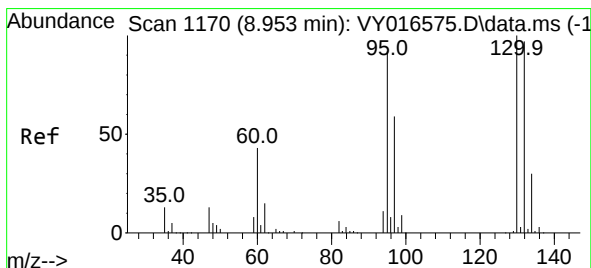
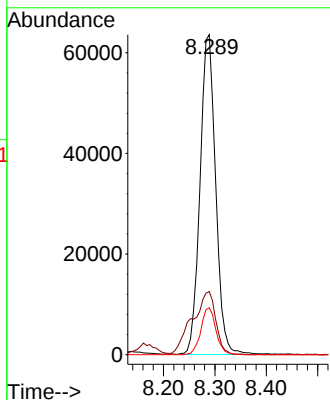
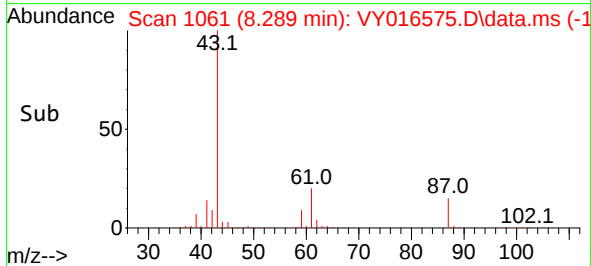
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050



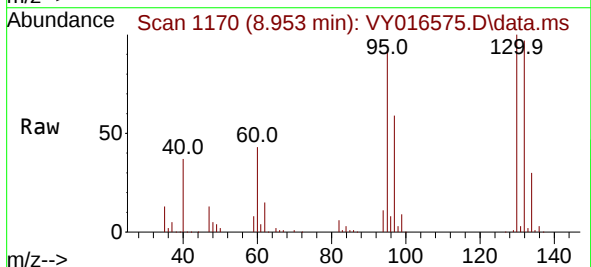
Tgt Ion: 43 Resp: 13445
Ion Ratio Lower Upper
43 100
61 29.6 21.1 31.7
87 14.1 9.8 14.8

Manual Integrations
APPROVED

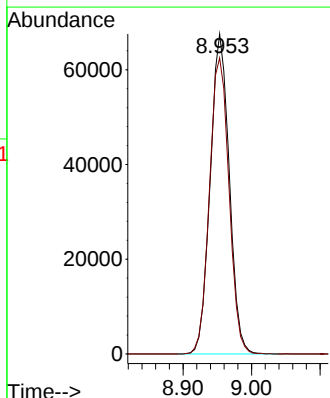
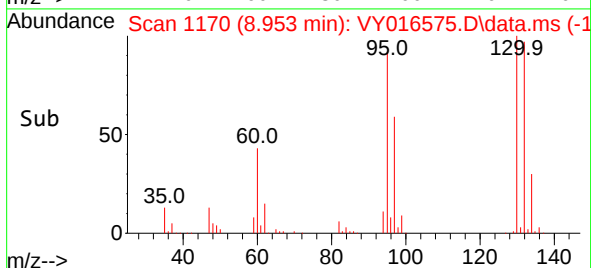
Reviewed By :Mahesh Dadoda 12/05/2023
Supervised By :Semsettin Yesilyurt 12/05/2023

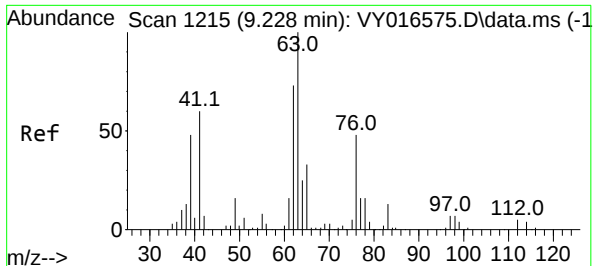


#44
Trichloroethene
Concen: 48.868 ug/l
RT: 8.953 min Scan# 1170
Delta R.T. 0.000 min
Lab File: VY016575.D
Acq: 04 Dec 2023 13:30



Tgt Ion:130 Resp: 130039
Ion Ratio Lower Upper
130 100
95 92.5 0.0 196.0





#45

1,2-Dichloropropane

Concen: 50.169 ug/l

RT: 9.228 min Scan# 1215

Delta R.T. 0.000 min

Lab File: VY016575.D

Acq: 04 Dec 2023 13:30

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

Tgt Ion: 63 Resp: 106579

Ion Ratio Lower Upper

63 100

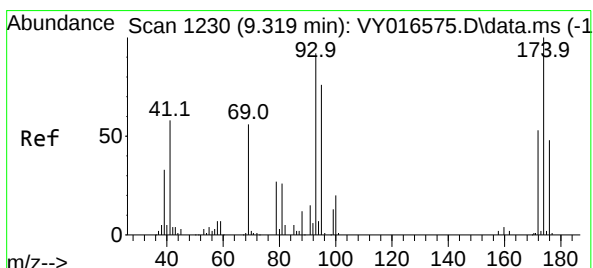
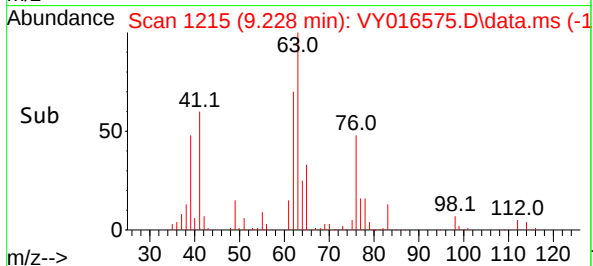
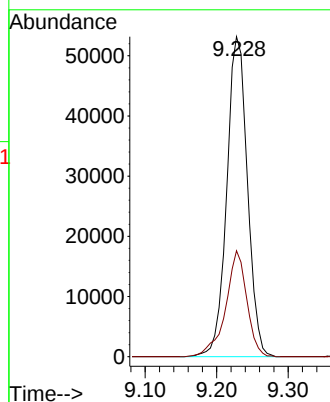
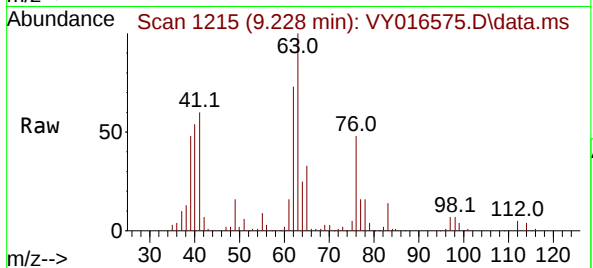
65 33.1 23.8 35.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/05/2023

Supervised By :Semsettin Yesilyurt 12/05/2023



#46

Dibromomethane

Concen: 51.642 ug/l

RT: 9.319 min Scan# 1230

Delta R.T. 0.000 min

Lab File: VY016575.D

Acq: 04 Dec 2023 13:30

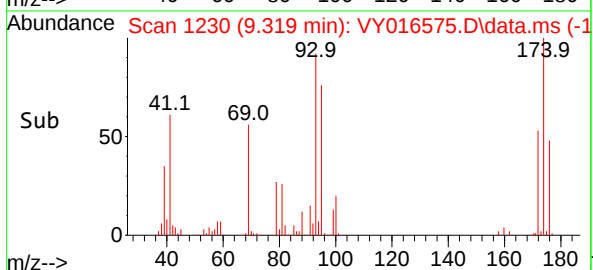
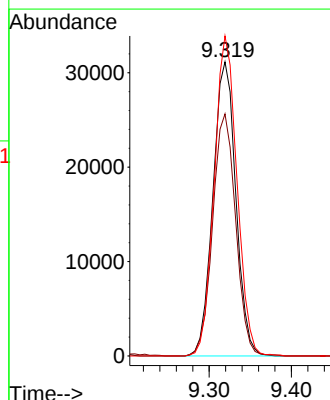
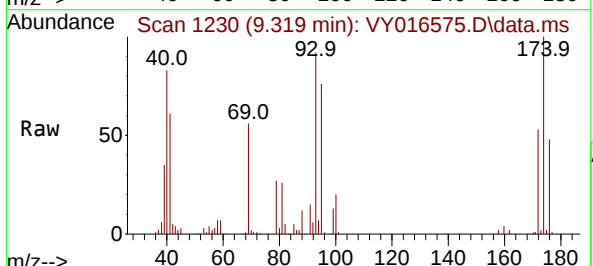
Tgt Ion: 93 Resp: 60143

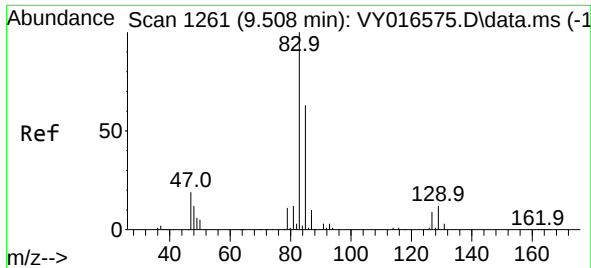
Ion Ratio Lower Upper

93 100

95 83.0 66.6 100.0

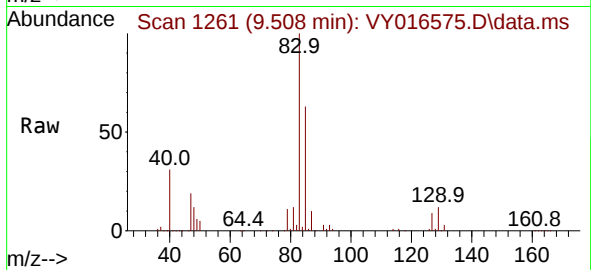
174 108.4 84.8 127.2





#47
Bromodichloromethane
Concen: 50.392 ug/l
RT: 9.508 min Scan# 1261
Delta R.T. 0.000 min
Lab File: VY016575.D
Acq: 04 Dec 2023 13:30

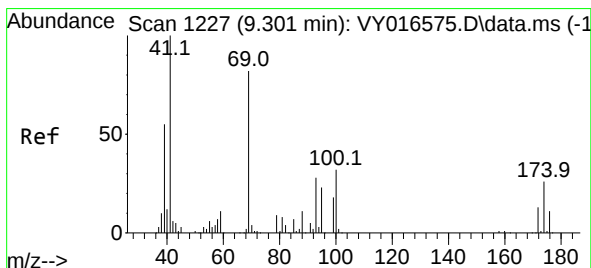
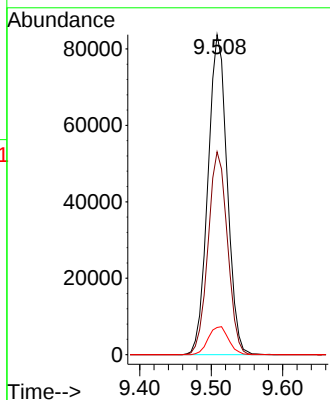
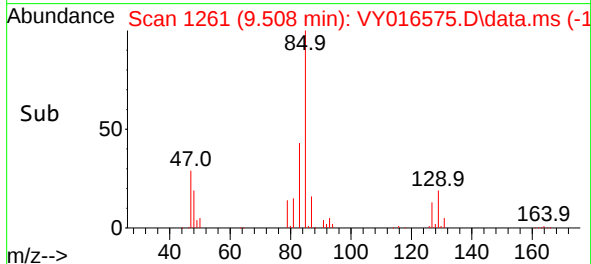
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050



Tgt Ion: 83 Resp: 156240
Ion Ratio Lower Upper
83 100
85 63.4 50.1 75.1
127 8.5 7.1 10.7

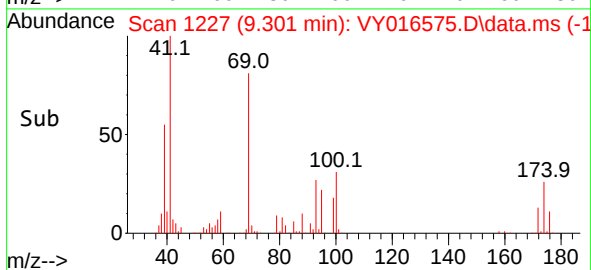
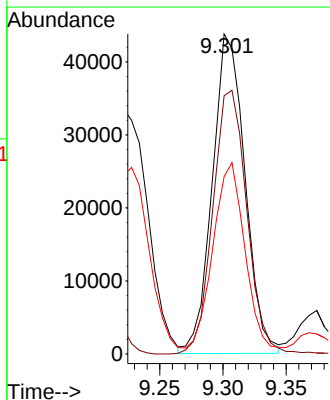
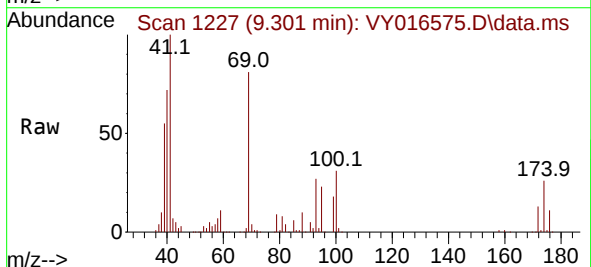
Manual Integrations
APPROVED

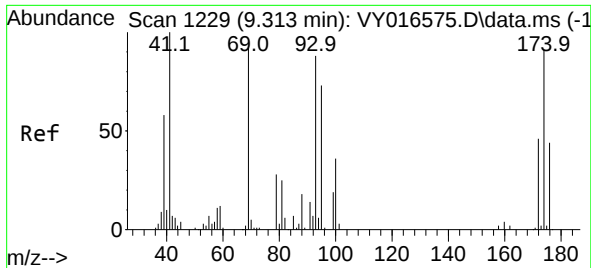
Reviewed By :Mahesh Dadoda 12/05/2023
Supervised By :Semsettin Yesilyurt 12/05/2023



#48
Methyl methacrylate
Concen: 53.805 ug/l
RT: 9.301 min Scan# 1227
Delta R.T. 0.000 min
Lab File: VY016575.D
Acq: 04 Dec 2023 13:30

Tgt Ion: 41 Resp: 78524
Ion Ratio Lower Upper
41 100
69 86.0 64.5 96.7
39 56.2 50.8 76.2





#49

1,4-Dioxane

Concen: 1071.442 ug/l

RT: 9.313 min Scan# 1229

Delta R.T. 0.000 min

Lab File: VY016575.D

Acq: 04 Dec 2023 13:30

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

Tgt Ion: 88 Resp: 12630

Ion Ratio Lower Upper

88 100

43 35.7 0.0 0.0

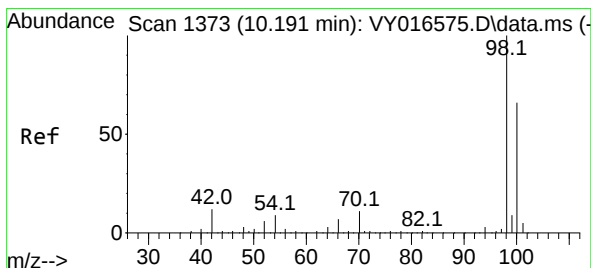
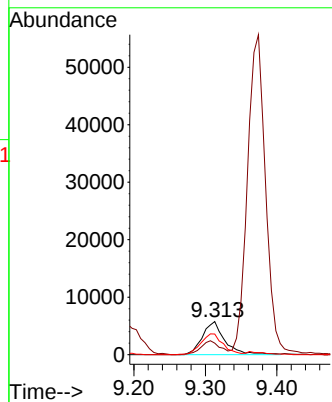
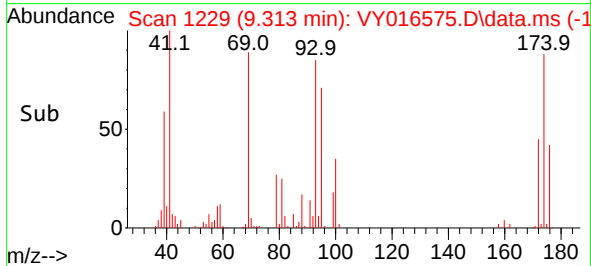
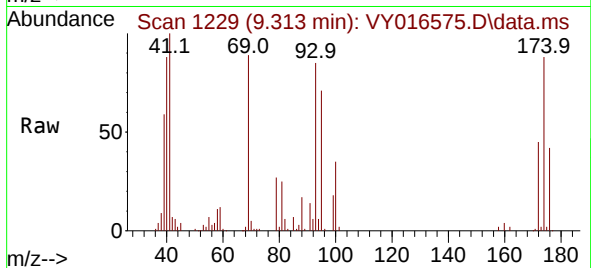
58 62.0 30.9 46.3

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/05/2023

Supervised By :Semsettin Yesilyurt 12/05/2023



#50

Toluene-d8

Concen: 54.531 ug/l

RT: 10.191 min Scan# 1373

Delta R.T. 0.000 min

Lab File: VY016575.D

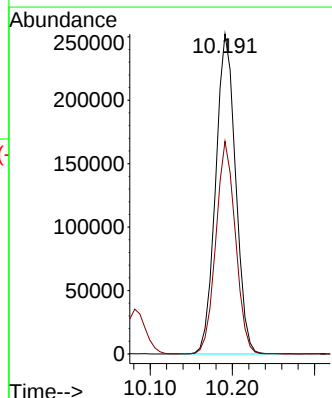
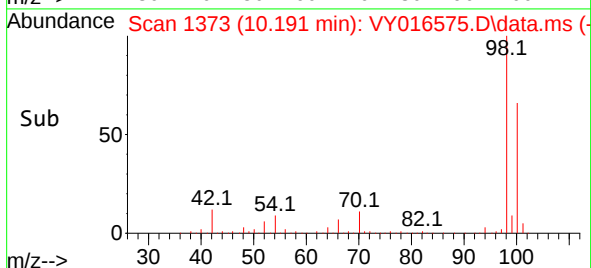
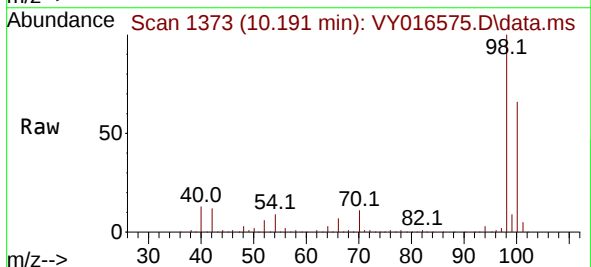
Acq: 04 Dec 2023 13:30

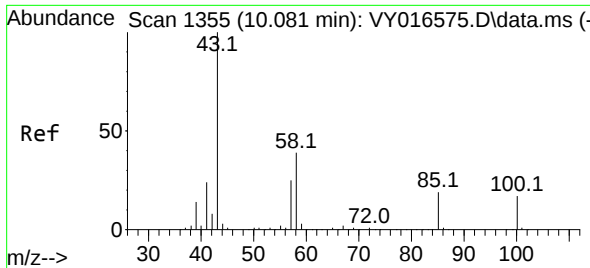
Tgt Ion: 98 Resp: 424789

Ion Ratio Lower Upper

98 100

100 65.1 50.1 75.1





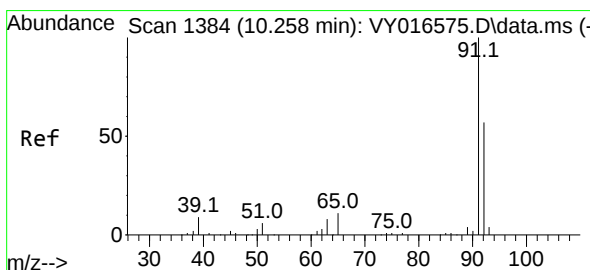
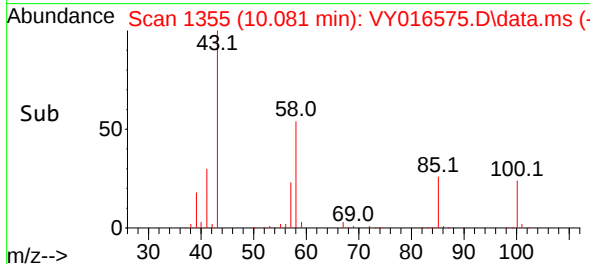
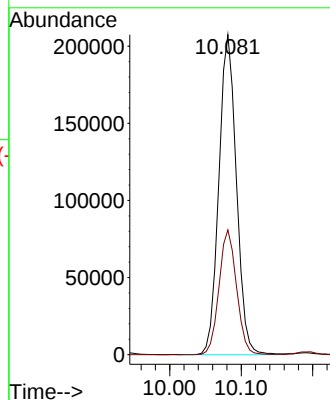
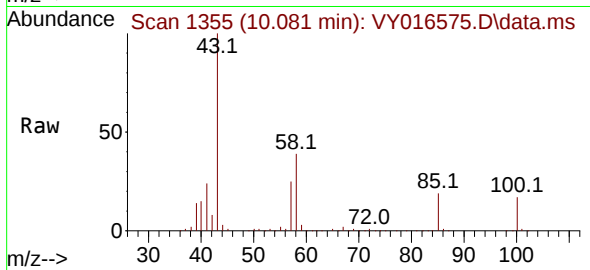
#51
4-Methyl-2-Pentanone
Concen: 269.126 ug/l
RT: 10.081 min Scan# 1355
Delta R.T. 0.000 min
Lab File: VY016575.D
Acq: 04 Dec 2023 13:30

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion: 43 Resp: 353434
Ion Ratio Lower Upper
43 100
58 39.0 29.0 43.6

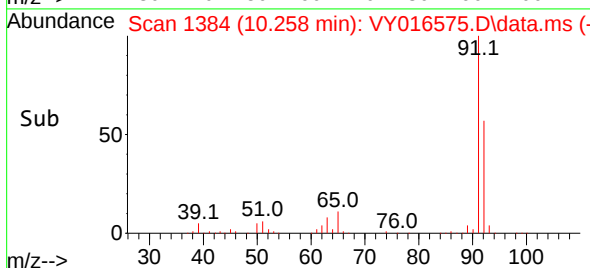
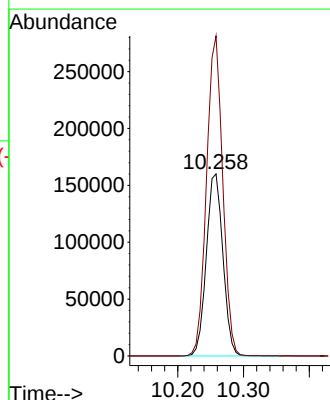
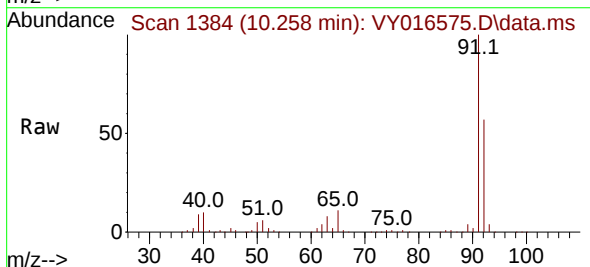
Manual Integrations
APPROVED

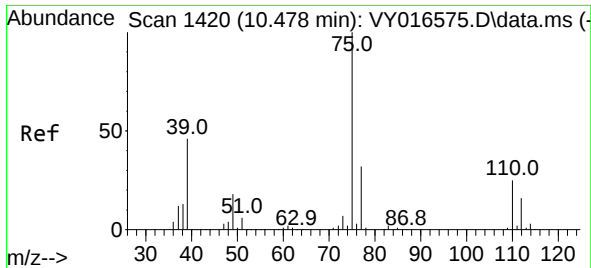
Reviewed By :Mahesh Dadoda 12/05/2023
Supervised By :Semsettin Yesilyurt 12/05/2023



#52
Toluene
Concen: 50.754 ug/l
RT: 10.258 min Scan# 1384
Delta R.T. 0.000 min
Lab File: VY016575.D
Acq: 04 Dec 2023 13:30

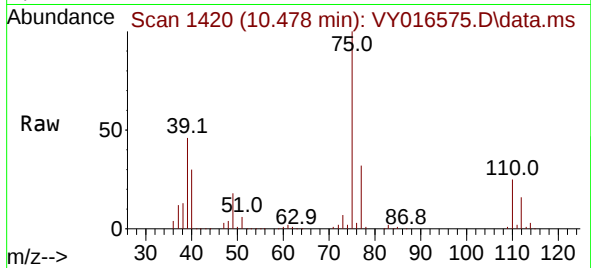
Tgt Ion: 92 Resp: 280687
Ion Ratio Lower Upper
92 100
91 171.7 143.8 215.6





#53
t-1,3-Dichloropropene
Concen: 51.563 ug/l
RT: 10.478 min Scan# 1420
Delta R.T. 0.000 min
Lab File: VY016575.D
Acq: 04 Dec 2023 13:30

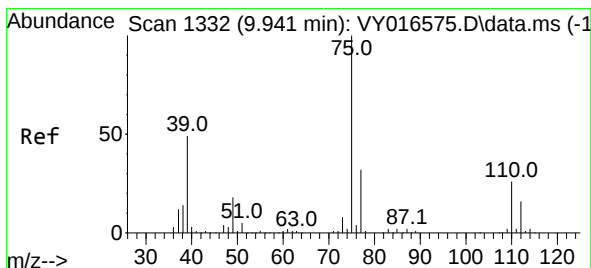
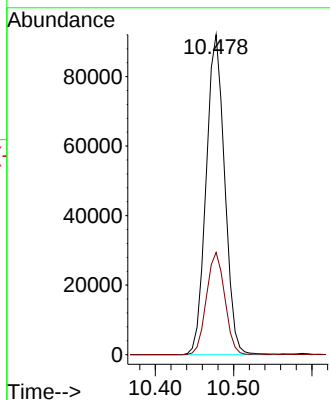
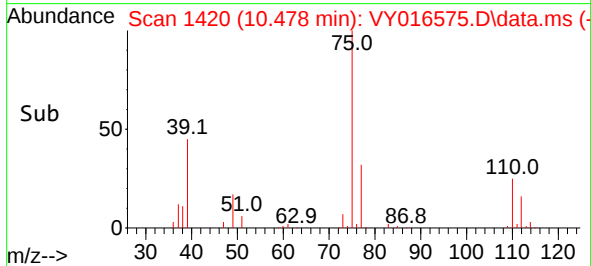
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050



Tgt Ion: 75 Resp: 150878
Ion Ratio Lower Upper
75 100
77 32.0 25.0 37.4

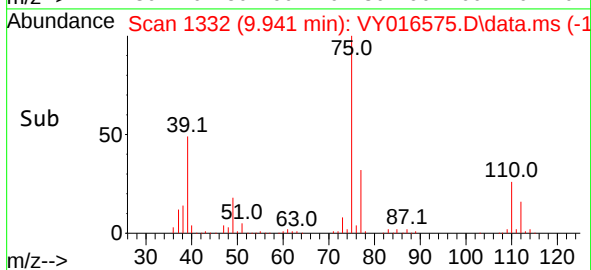
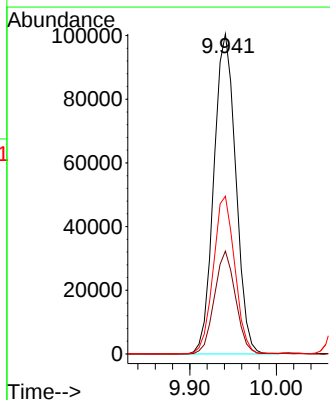
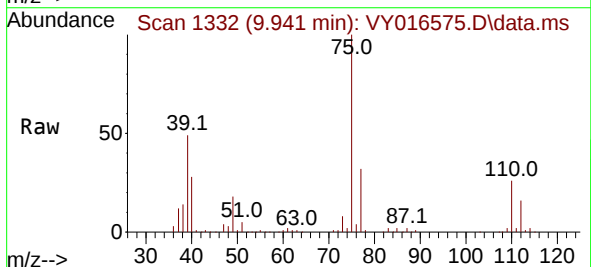
Manual Integrations
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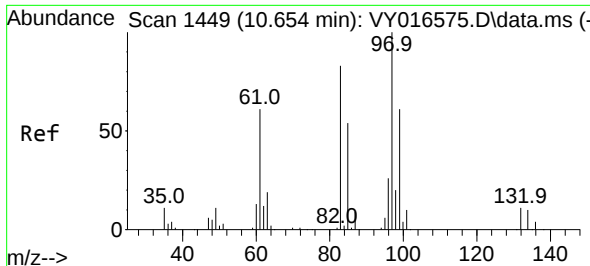
Reviewed By :Mahesh Dadoda 12/05/2023
Supervised By :Semsettin Yesilyurt 12/05/2023



#54
cis-1,3-Dichloropropene
Concen: 51.400 ug/l
RT: 9.941 min Scan# 1332
Delta R.T. 0.000 min
Lab File: VY016575.D
Acq: 04 Dec 2023 13:30

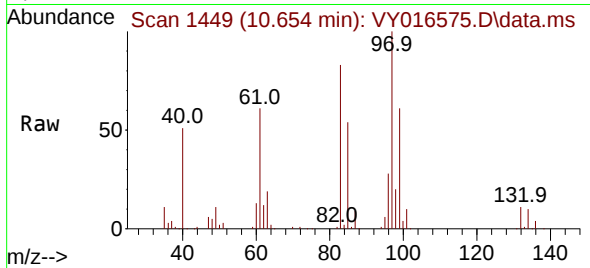
Tgt Ion: 75 Resp: 176636
Ion Ratio Lower Upper
75 100
77 32.1 24.2 36.4
39 49.2 42.2 63.4





#55
1,1,2-Trichloroethane
Concen: 51.037 ug/l
RT: 10.654 min Scan# 1449
Delta R.T. 0.000 min
Lab File: VY016575.D
Acq: 04 Dec 2023 13:30

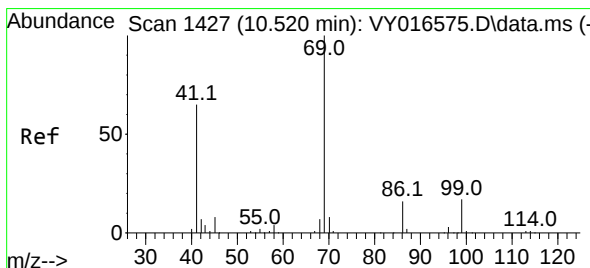
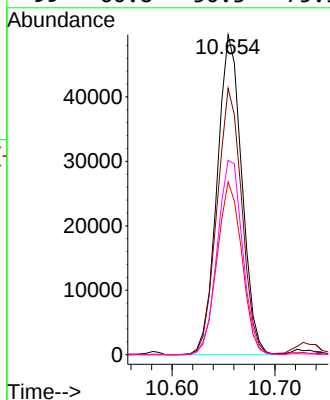
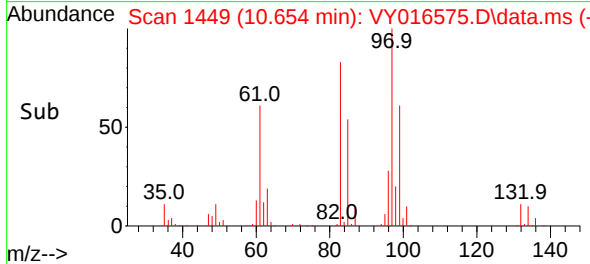
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050



Tgt Ion	Ratio	Lower	Upper
97	100		
83	83.3	72.0	108.0
85	54.0	45.4	68.0
99	60.8	50.3	75.5

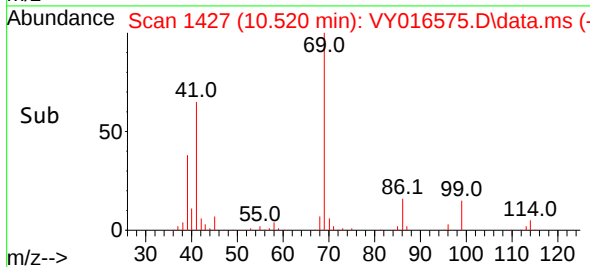
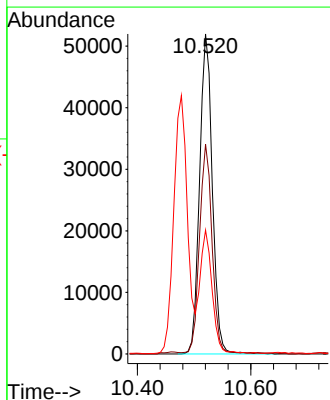
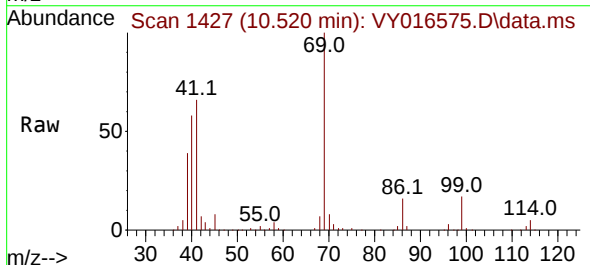
Manual Integrations
APPROVED

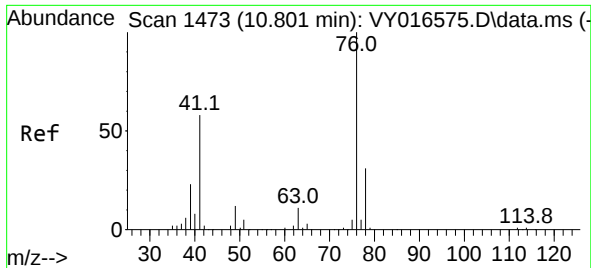
Reviewed By :Mahesh Dadoda 12/05/2023
Supervised By :Semsettin Yesilyurt 12/05/2023



#56
Ethyl methacrylate
Concen: 54.537 ug/l
RT: 10.520 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VY016575.D
Acq: 04 Dec 2023 13:30

Tgt Ion	Ratio	Lower	Upper
69	100		
41	64.3	57.6	86.4
39	36.0	34.1	51.1





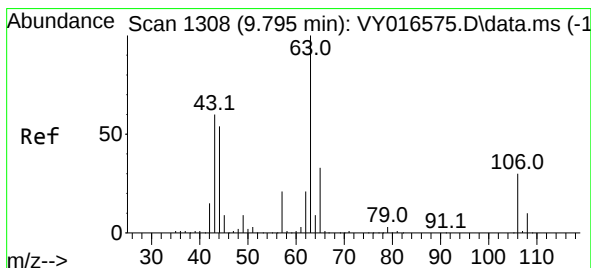
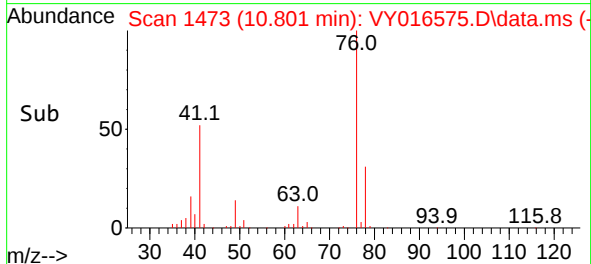
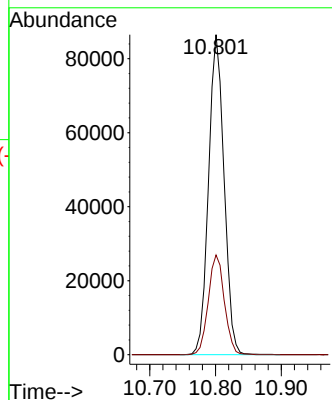
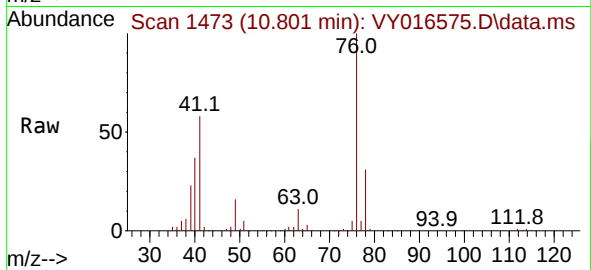
#57
1,3-Dichloropropane
Concen: 51.734 ug/l
RT: 10.801 min Scan# 1473
Delta R.T. 0.000 min
Lab File: VY016575.D
Acq: 04 Dec 2023 13:30

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion: 76 Resp: 141779
Ion Ratio Lower Upper
76 100
78 32.3 25.3 37.9

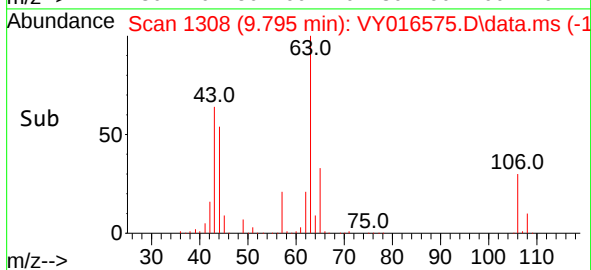
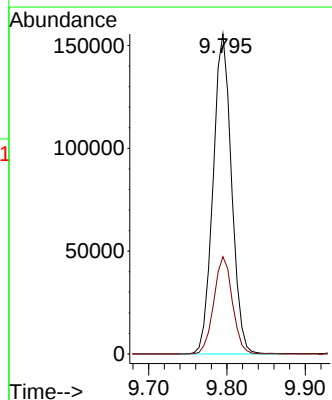
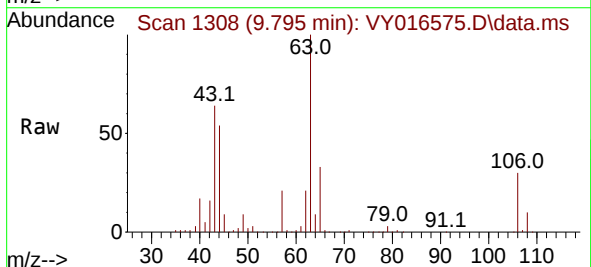
Manual Integrations
APPROVED

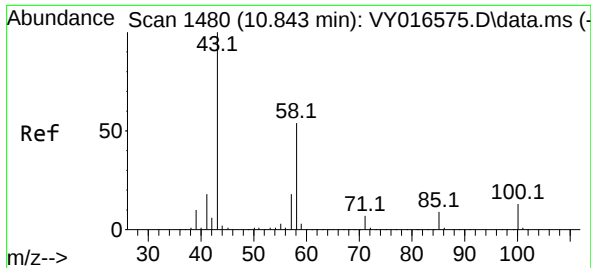
Reviewed By :Mahesh Dadoda 12/05/2023
Supervised By :Semsettin Yesilyurt 12/05/2023



#58
2-Chloroethyl Vinyl ether
Concen: 277.790 ug/l
RT: 9.795 min Scan# 1308
Delta R.T. 0.000 min
Lab File: VY016575.D
Acq: 04 Dec 2023 13:30

Tgt Ion: 63 Resp: 254566
Ion Ratio Lower Upper
63 100
106 30.6 21.2 31.8





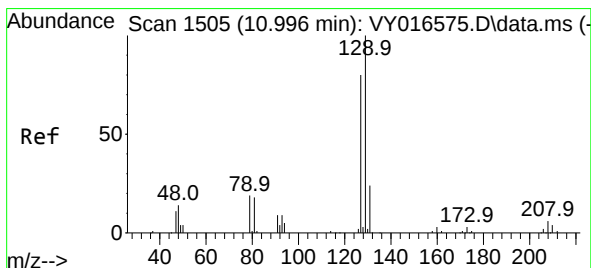
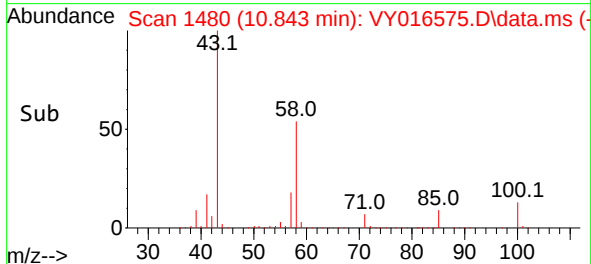
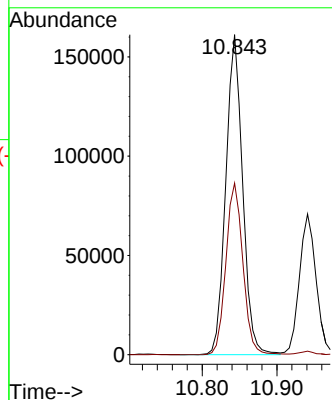
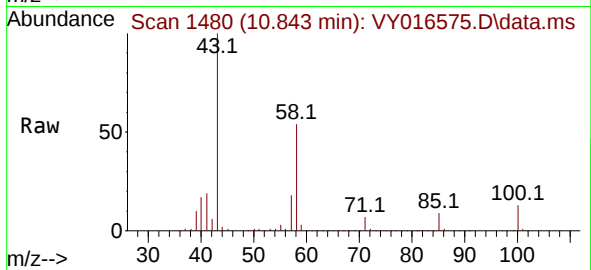
#59
2-Hexanone
Concen: 254.374 ug/l
RT: 10.843 min Scan# 1480
Delta R.T. 0.000 min
Lab File: VY016575.D
Acq: 04 Dec 2023 13:30

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion: 43 Resp: 252712
Ion Ratio Lower Upper
43 100
58 54.2 25.1 75.3

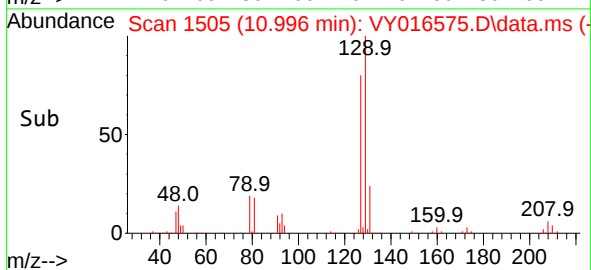
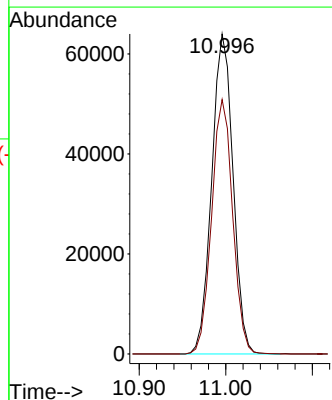
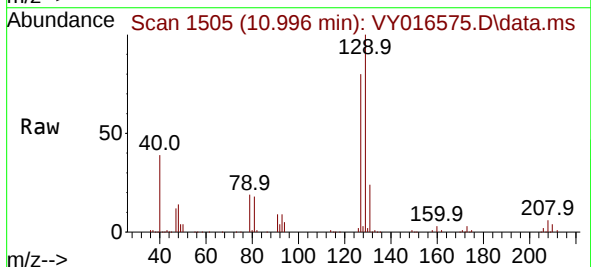
Manual Integrations
APPROVED

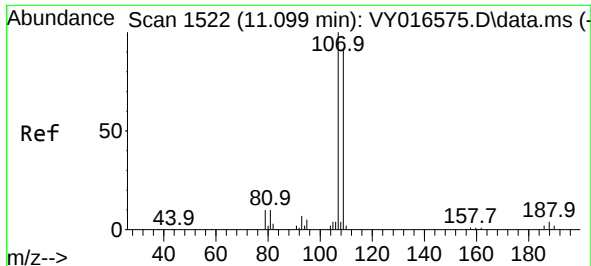
Reviewed By :Mahesh Dadoda 12/05/2023
Supervised By :Semsettin Yesilyurt 12/05/2023



#60
Dibromochloromethane
Concen: 50.328 ug/l
RT: 10.996 min Scan# 1505
Delta R.T. 0.000 min
Lab File: VY016575.D
Acq: 04 Dec 2023 13:30

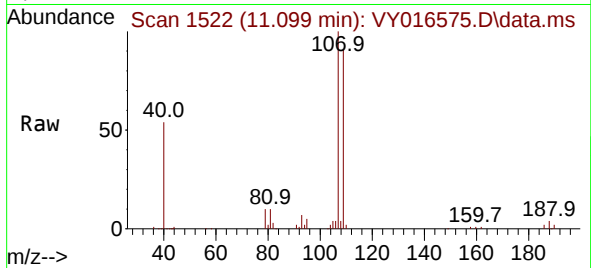
Tgt Ion:129 Resp: 109090
Ion Ratio Lower Upper
129 100
127 78.8 38.5 115.5





#61
1,2-Dibromoethane
Concen: 52.569 ug/l
RT: 11.099 min Scan# 1522
Delta R.T. 0.000 min
Lab File: VY016575.D
Acq: 04 Dec 2023 13:30

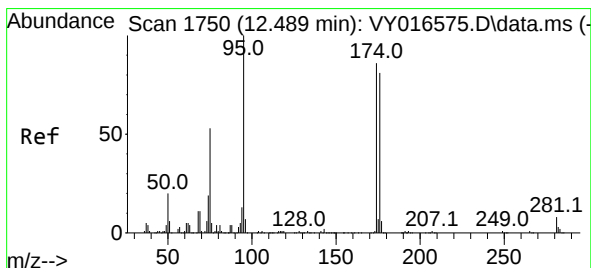
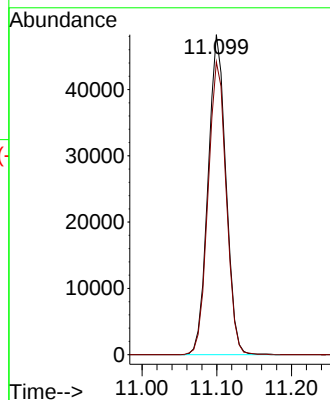
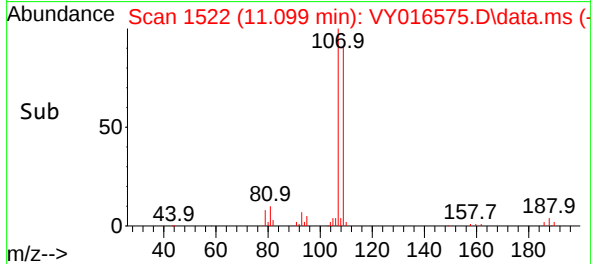
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050



Tgt Ion:107 Resp: 80212
Ion Ratio Lower Upper
107 100
109 92.9 75.6 113.4

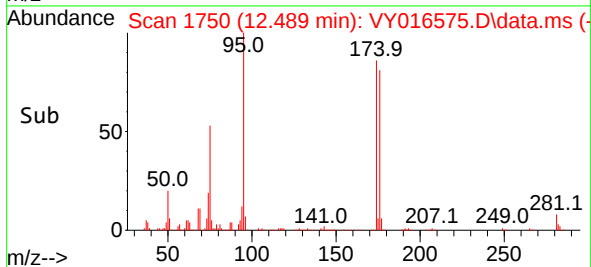
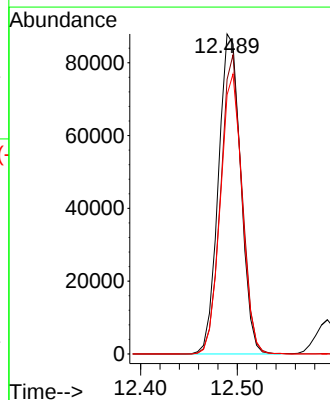
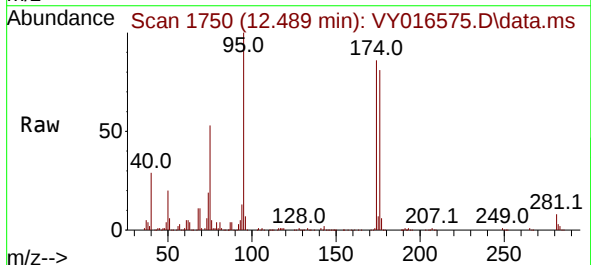
Manual Integrations
APPROVED

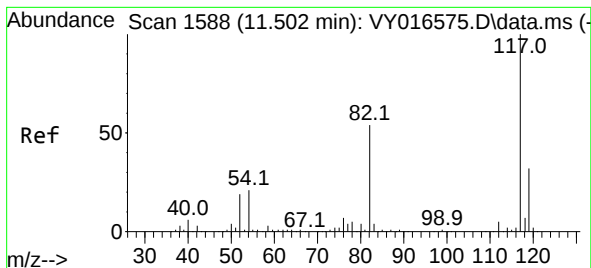
Reviewed By :Mahesh Dadoda 12/05/2023
Supervised By :Semsettin Yesilyurt 12/05/2023



#62
4-Bromofluorobenzene
Concen: 54.710 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VY016575.D
Acq: 04 Dec 2023 13:30

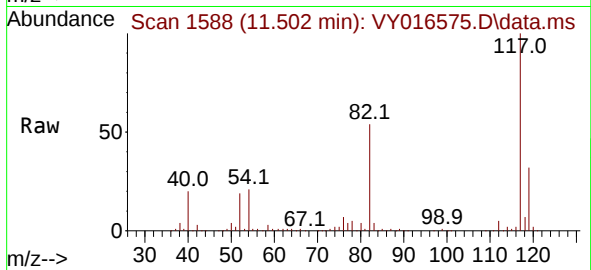
Tgt Ion: 95 Resp: 140152
Ion Ratio Lower Upper
95 100
174 89.6 0.0 178.2
176 85.7 0.0 173.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 11588
Delta R.T. 0.000 min
Lab File: VY016575.D
Acq: 04 Dec 2023 13:30

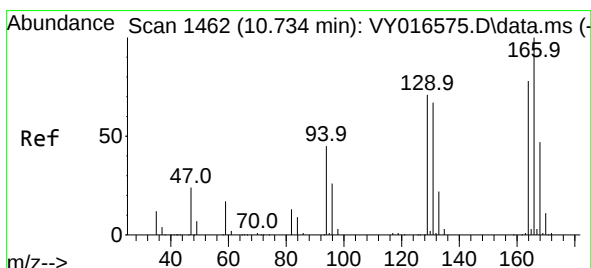
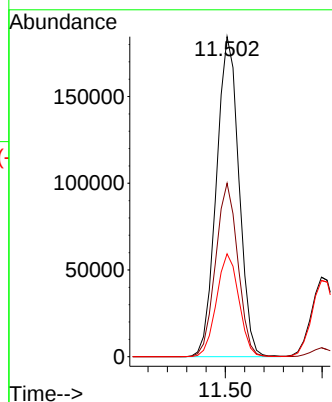
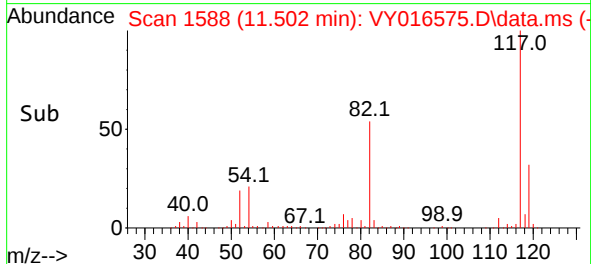
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050



Tgt Ion:117 Resp: 298245
Ion Ratio Lower Upper
117 100
82 54.2 43.4 65.0
119 32.1 26.3 39.5

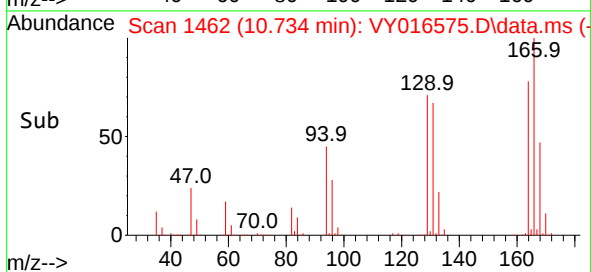
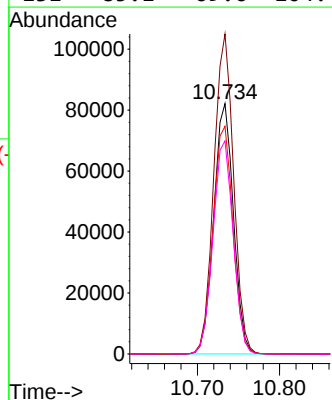
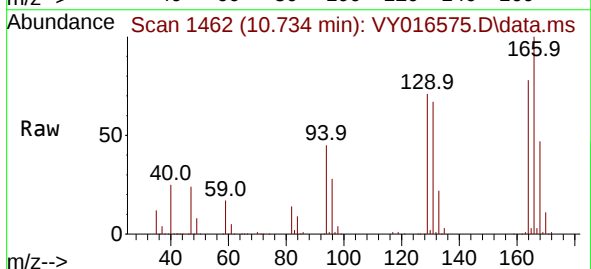
Manual Integrations
APPROVED

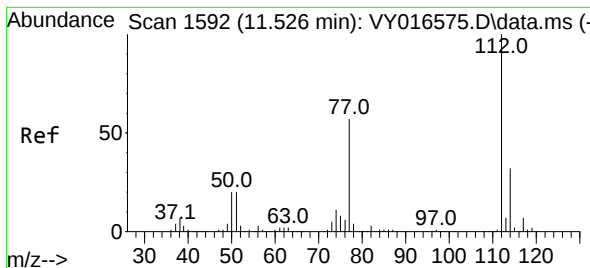
Reviewed By :Mahesh Dadoda 12/05/2023
Supervised By :Semsettin Yesilyurt 12/05/2023



#64
Tetrachloroethene
Concen: 50.210 ug/l
RT: 10.734 min Scan# 1462
Delta R.T. 0.000 min
Lab File: VY016575.D
Acq: 04 Dec 2023 13:30

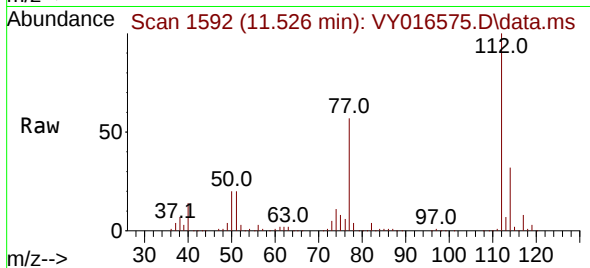
Tgt Ion:164 Resp: 137241
Ion Ratio Lower Upper
164 100
166 127.8 103.0 154.6
129 90.9 77.2 115.8
131 85.1 69.6 104.4





#65
Chlorobenzene
Concen: 49.365 ug/l
RT: 11.526 min Scan# 11592
Delta R.T. 0.000 min
Lab File: VY016575.D
Acq: 04 Dec 2023 13:30

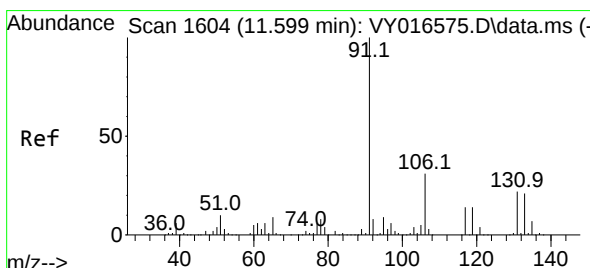
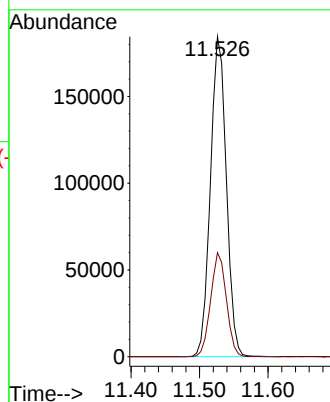
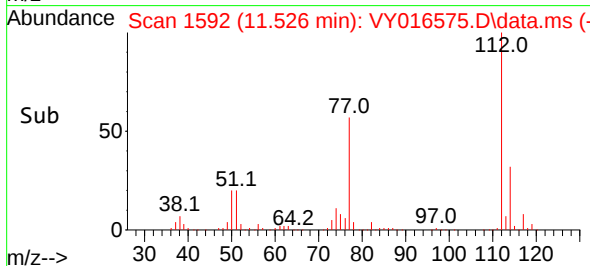
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050



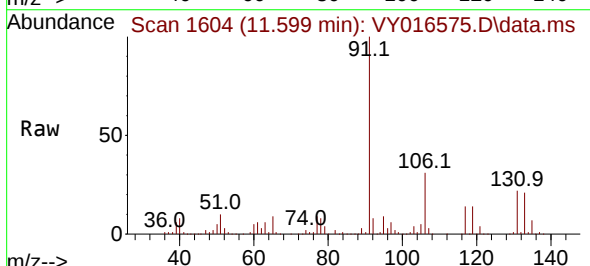
Tgt Ion:112 Resp: 298200
Ion Ratio Lower Upper
112 100
114 32.5 25.5 38.3

Manual Integrations
APPROVED

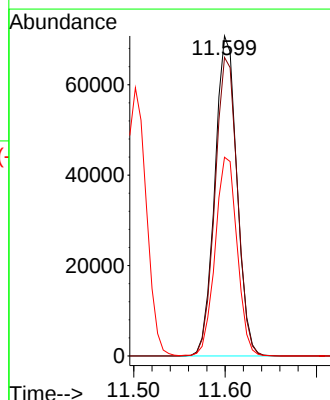
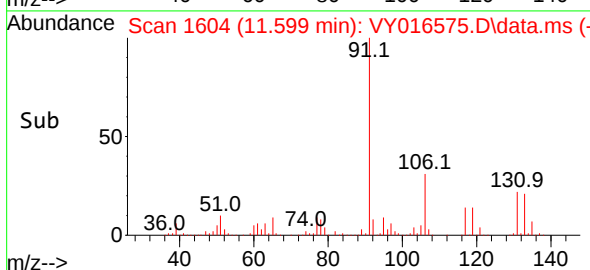
Reviewed By :Mahesh Dadoda 12/05/2023
Supervised By :Semsettin Yesilyurt 12/05/2023

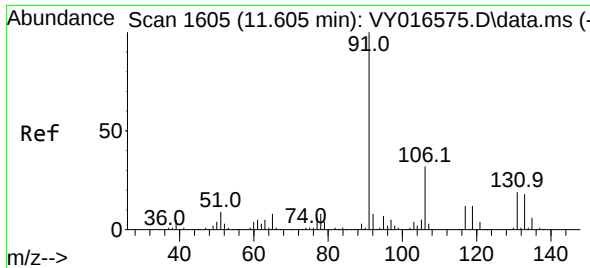


#66
1,1,1,2-Tetrachloroethane
Concen: 50.242 ug/l
RT: 11.599 min Scan# 1604
Delta R.T. 0.000 min
Lab File: VY016575.D
Acq: 04 Dec 2023 13:30



Tgt Ion:131 Resp: 118621
Ion Ratio Lower Upper
131 100
133 94.7 47.5 142.6
119 62.1 31.6 94.7





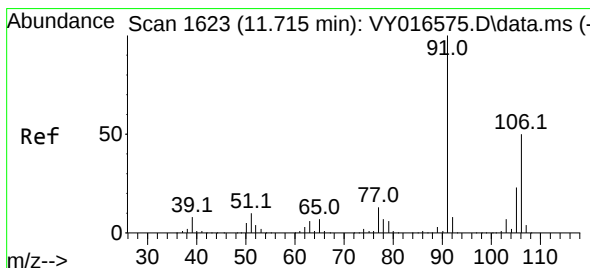
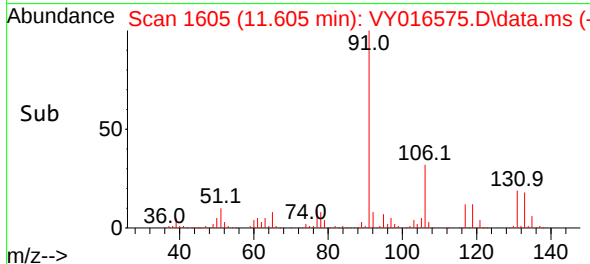
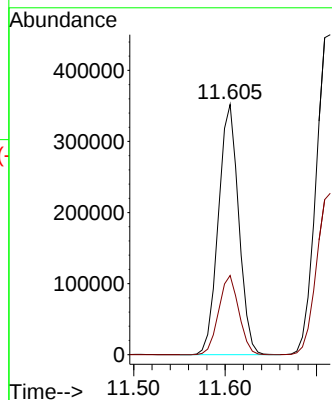
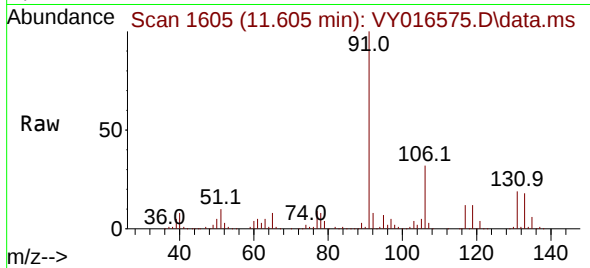
#67
Ethyl Benzene
Concen: 50.198 ug/l
RT: 11.605 min Scan# 1605
Delta R.T. 0.000 min
Lab File: VY016575.D
Acq: 04 Dec 2023 13:30

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion: 91 Resp: 543830
Ion Ratio Lower Upper
91 100
106 31.6 24.6 36.8

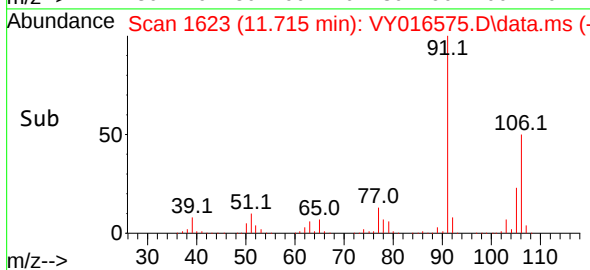
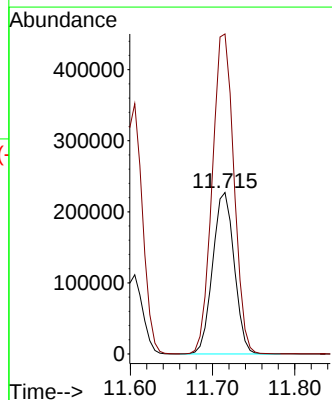
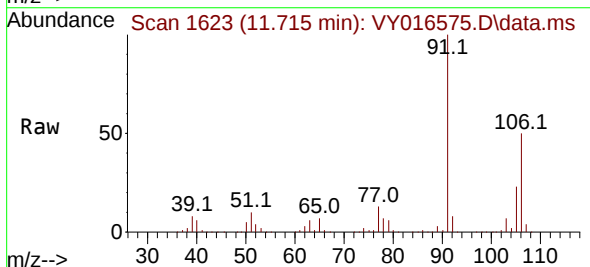
Manual Integrations
APPROVED

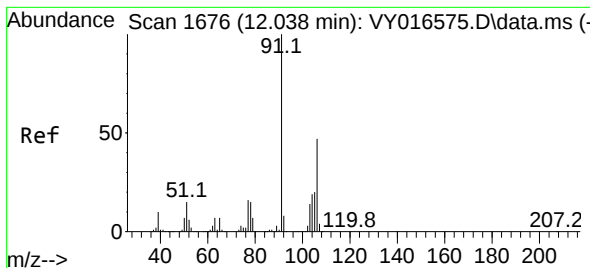
Reviewed By :Mahesh Dadoda 12/05/2023
Supervised By :Semsettin Yesilyurt 12/05/2023



#68
m/p-Xylenes
Concen: 100.602 ug/l
RT: 11.715 min Scan# 1623
Delta R.T. 0.000 min
Lab File: VY016575.D
Acq: 04 Dec 2023 13:30

Tgt Ion:106 Resp: 413747
Ion Ratio Lower Upper
106 100
91 199.5 166.1 249.1





#69

o-Xylene

Concen: 49.712 ug/l

RT: 12.038 min Scan# 1676

Delta R.T. 0.000 min

Lab File: VY016575.D

Acq: 04 Dec 2023 13:30

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

Tgt Ion:106 Resp: 190858

Ion Ratio Lower Upper

106 100

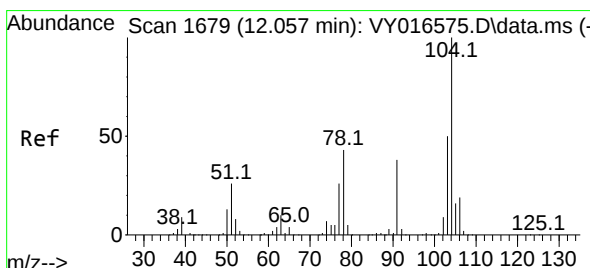
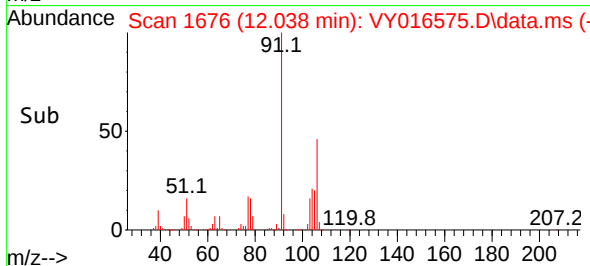
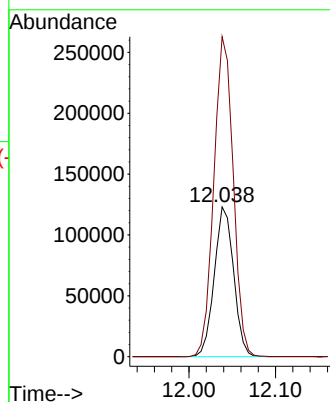
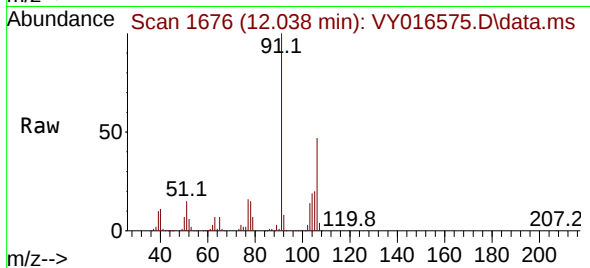
91 214.5 108.1 324.3

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/05/2023

Supervised By :Semsettin Yesilyurt 12/05/2023



#70

Styrene

Concen: 51.204 ug/l

RT: 12.057 min Scan# 1679

Delta R.T. 0.000 min

Lab File: VY016575.D

Acq: 04 Dec 2023 13:30

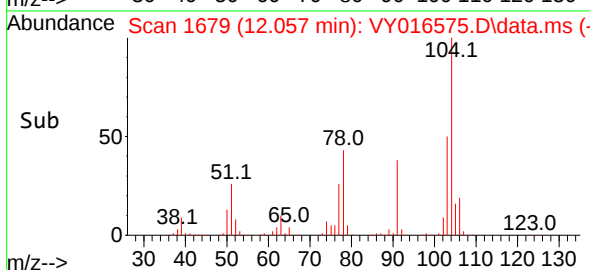
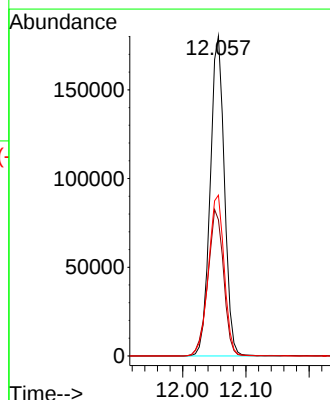
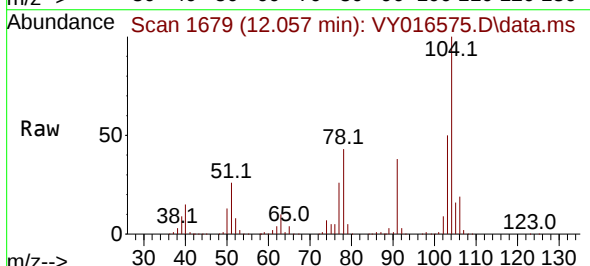
Tgt Ion:104 Resp: 282064

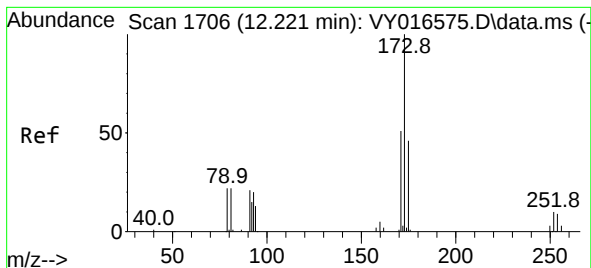
Ion Ratio Lower Upper

104 100

78 50.7 41.5 62.3

103 55.9 44.6 67.0





#71

Bromoform

Concen: 51.859 ug/l

RT: 12.221 min Scan# 1706

Delta R.T. 0.000 min

Lab File: VY016575.D

Acq: 04 Dec 2023 13:30

Instrument :

MSVOA_Y

ClientSampleId :

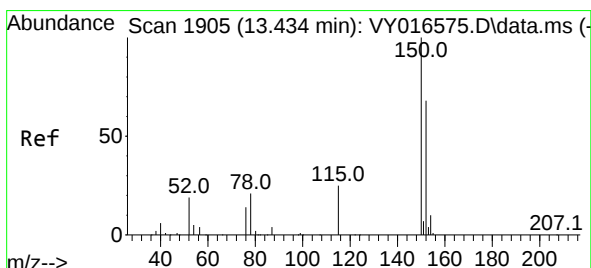
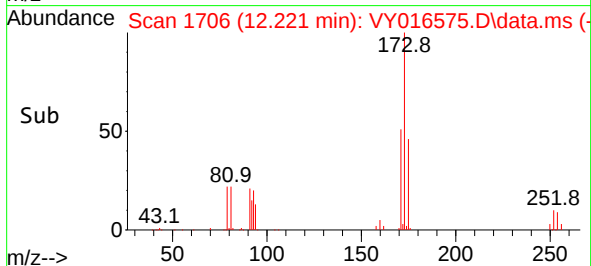
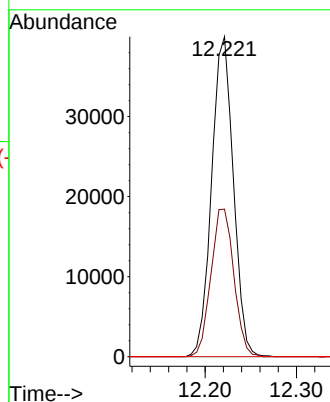
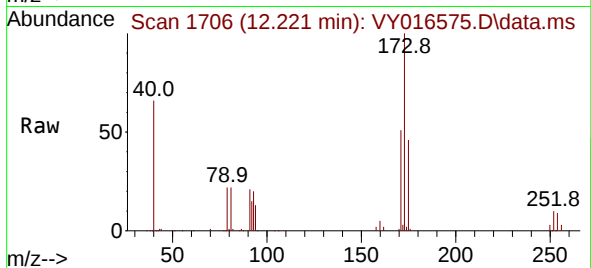
VSTDICCC050

Tgt Ion:	173	Resp:	6611
Ion Ratio	Lower	Upper	
173	100		
175	48.7	24.6	73.8
254	0.0	0.2	0.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/05/2023
Supervised By :Semsettin Yesilyurt 12/05/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

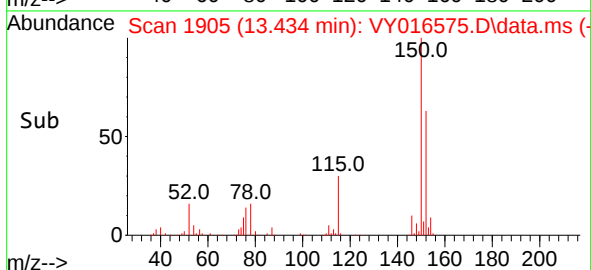
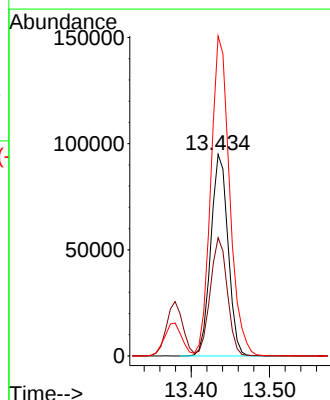
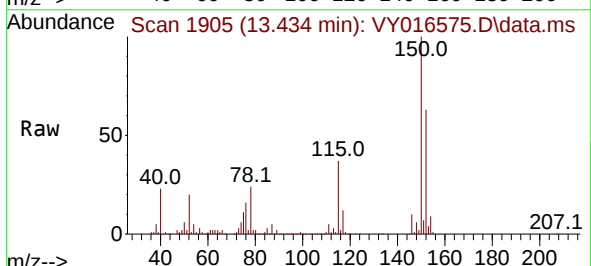
RT: 13.434 min Scan# 1905

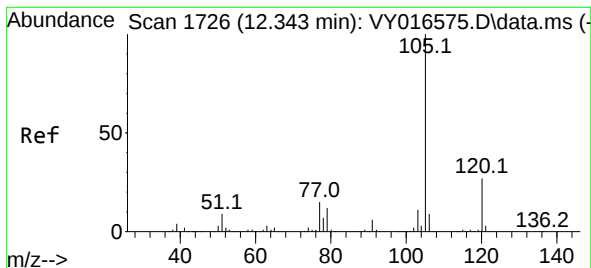
Delta R.T. 0.000 min

Lab File: VY016575.D

Acq: 04 Dec 2023 13:30

Tgt Ion:	152	Resp:	144933
Ion Ratio	Lower	Upper	
152	100		
115	57.9	28.8	86.5
150	173.0	0.0	348.8





#73

Isopropylbenzene

Concen: 50.085 ug/l

RT: 12.343 min Scan# 1726

Delta R.T. 0.000 min

Lab File: VY016575.D

Acq: 04 Dec 2023 13:30

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

Tgt Ion:105 Resp: 537510

Ion Ratio Lower Upper

105 100

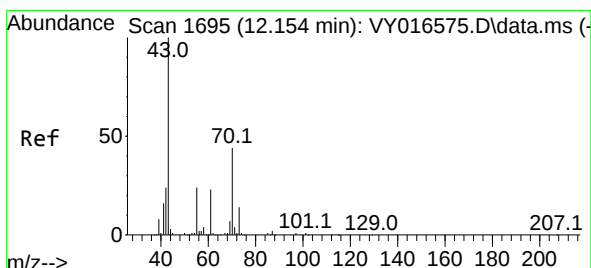
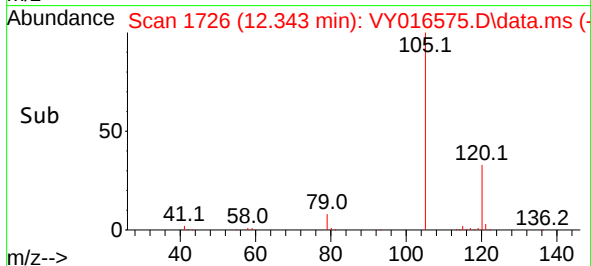
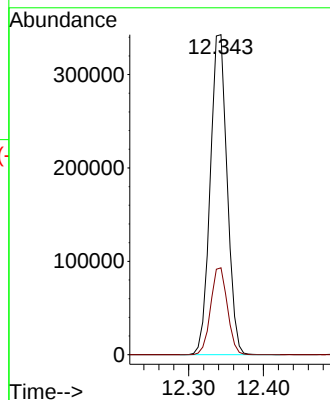
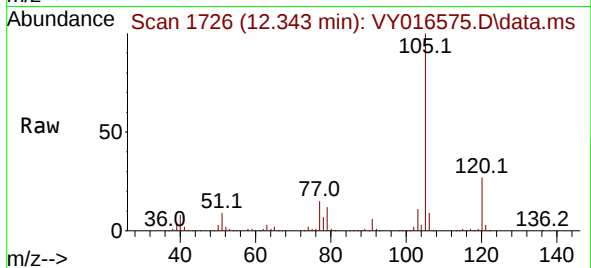
120 26.8 13.3 39.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/05/2023

Supervised By :Semsettin Yesilyurt 12/05/2023



#74

N-ethyl acetate

Concen: 51.638 ug/l

RT: 12.154 min Scan# 1695

Delta R.T. 0.000 min

Lab File: VY016575.D

Acq: 04 Dec 2023 13:30

Tgt Ion: 43 Resp: 110502

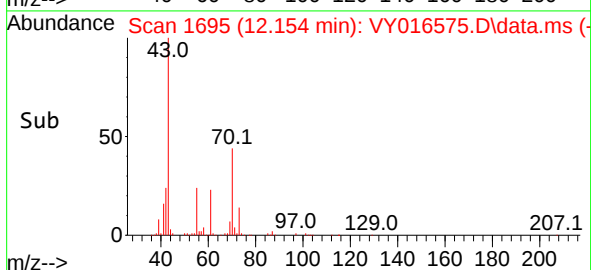
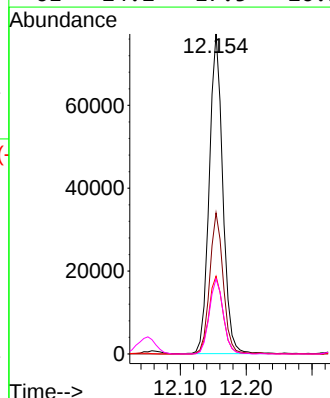
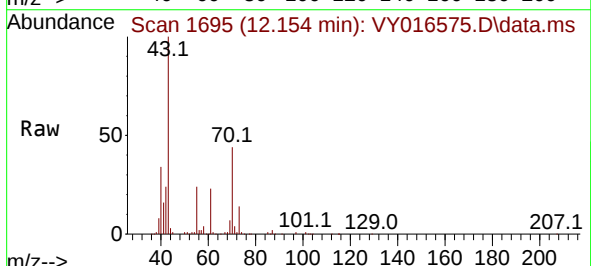
Ion Ratio Lower Upper

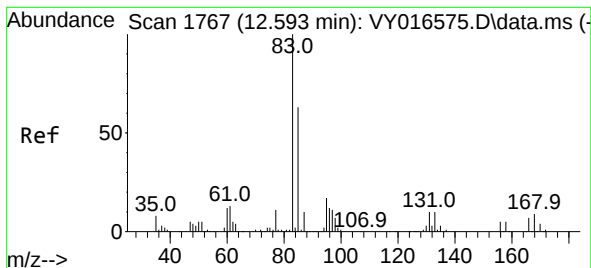
43 100

70 43.8 29.7 44.5

55 25.4 18.3 27.5

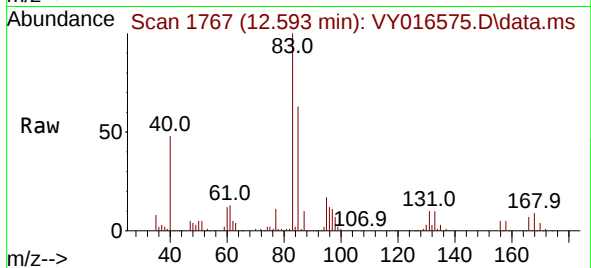
61 24.2 17.5 26.3





#75
1,1,2,2-Tetrachloroethane
Concen: 50.574 ug/l
RT: 12.593 min Scan# 1767
Delta R.T. 0.000 min
Lab File: VY016575.D
Acq: 04 Dec 2023 13:30

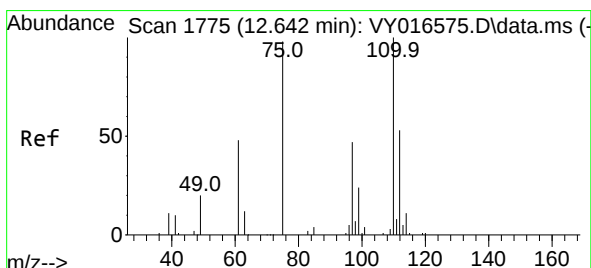
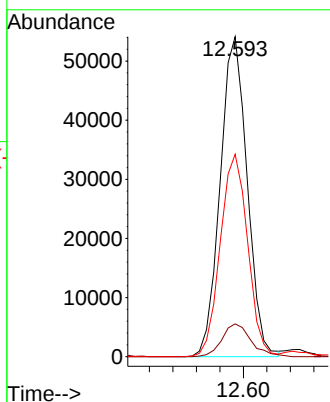
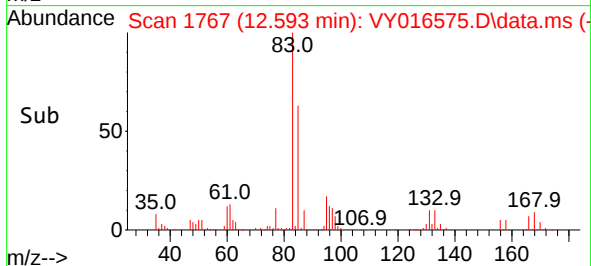
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050



Tgt Ion: 83 Resp: 86320
Ion Ratio Lower Upper
83 100
131 11.0 5.4 16.2
85 64.2 31.8 95.4

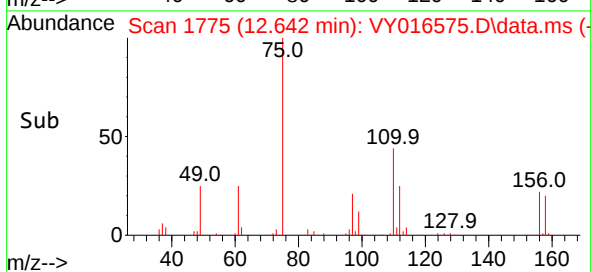
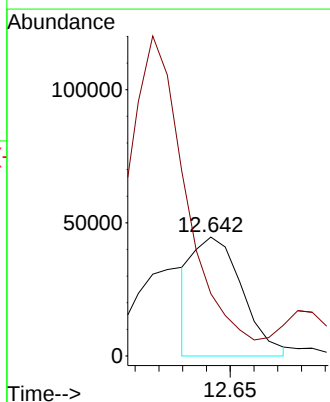
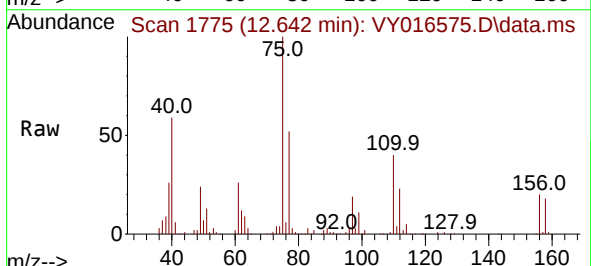
Manual Integrations
APPROVED

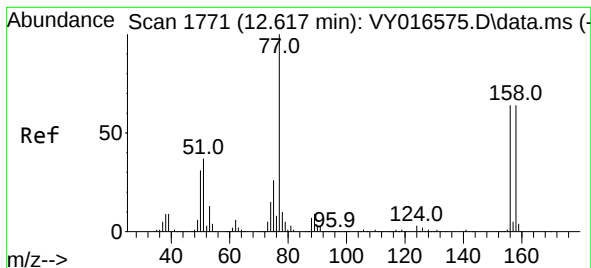
Reviewed By :Mahesh Dadoda 12/05/2023
Supervised By :Semsettin Yesilyurt 12/05/2023



#76
1,2,3-Trichloropropane
Concen: 47.806 ug/l m
RT: 12.642 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VY016575.D
Acq: 04 Dec 2023 13:30

Tgt Ion: 75 Resp: 64151
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 49.649 ug/l

RT: 12.617 min Scan# 1771

Delta R.T. 0.000 min

Lab File: VY016575.D

Acq: 04 Dec 2023 13:30

Instrument :

MSVOA_Y

ClientSampleId :

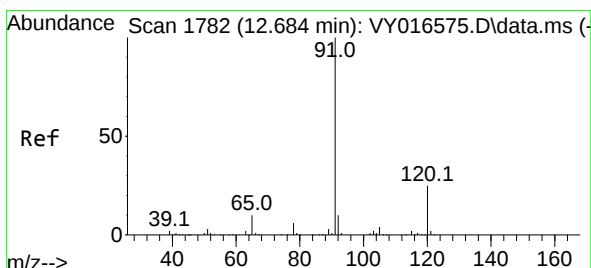
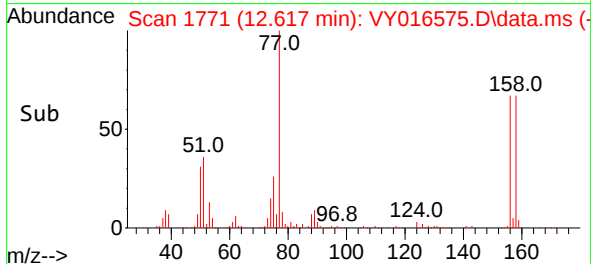
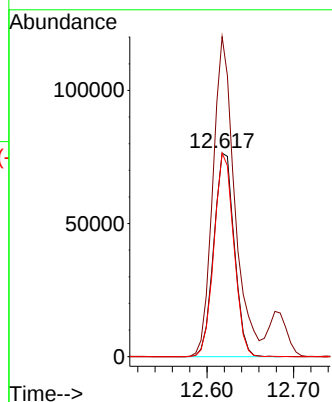
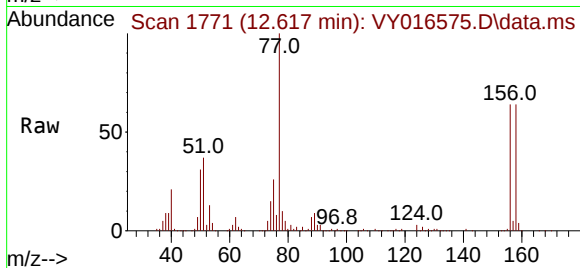
VSTDICCC050

Tgt Ion:	156	Resp:	125578
Ion Ratio	Lower	Upper	
156	100		
77	166.5	92.8	278.6
158	96.9	48.4	145.3

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/05/2023
Supervised By :Semsettin Yesilyurt 12/05/2023



#78

n-propylbenzene

Concen: 49.636 ug/l

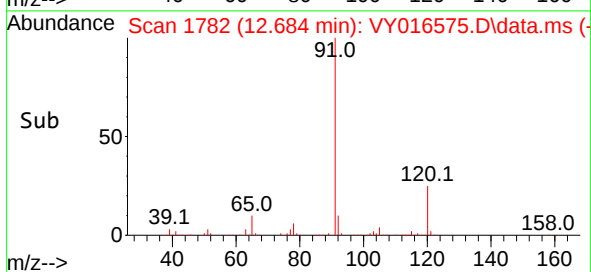
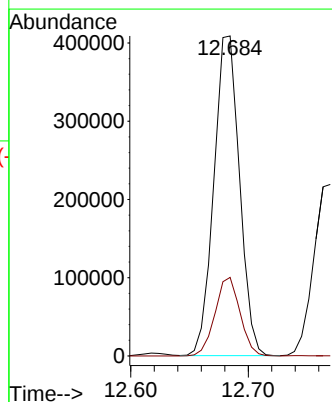
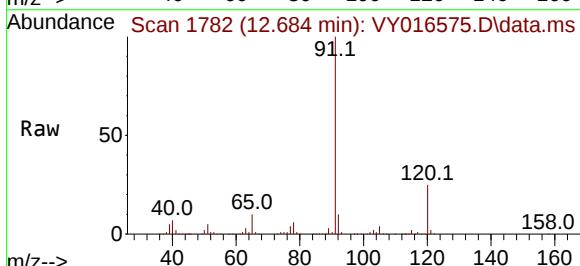
RT: 12.684 min Scan# 1782

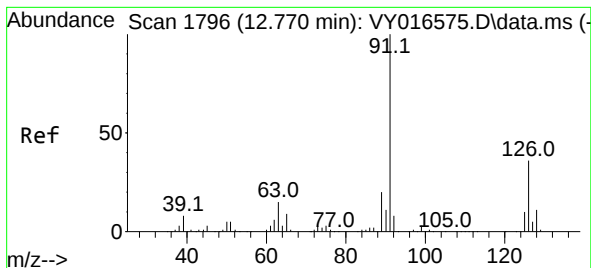
Delta R.T. 0.000 min

Lab File: VY016575.D

Acq: 04 Dec 2023 13:30

Tgt Ion:	91	Resp:	620011
Ion Ratio	Lower	Upper	
91	100		
120	23.9	11.5	34.4





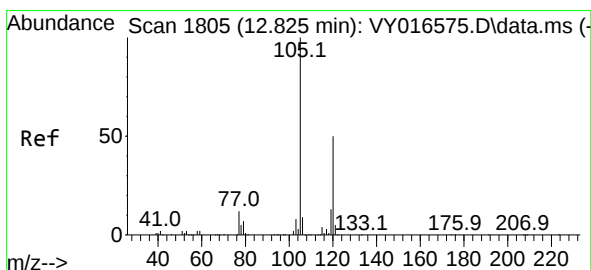
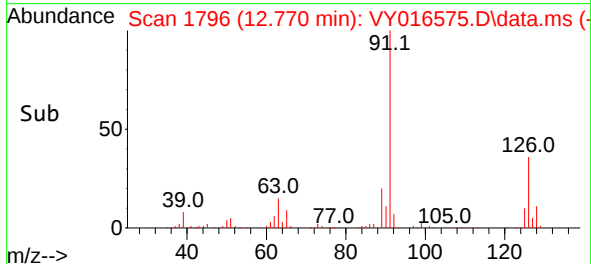
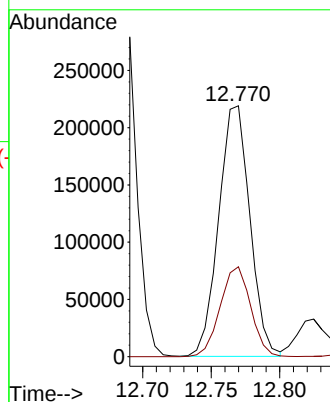
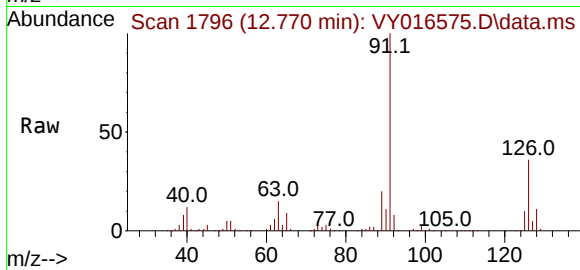
#79
2-Chlorotoluene
Concen: 49.411 ug/l
RT: 12.770 min Scan# 1796
Delta R.T. 0.000 min
Lab File: VY016575.D
Acq: 04 Dec 2023 13:30

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion: 91 Resp: 347790
Ion Ratio Lower Upper
91 100
126 35.0 17.3 51.7

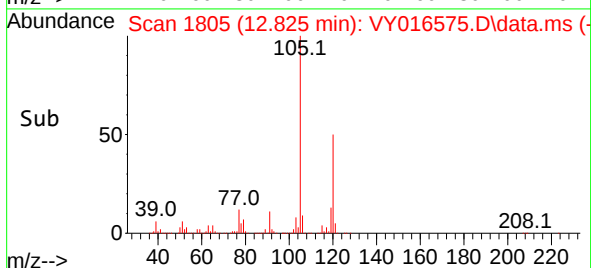
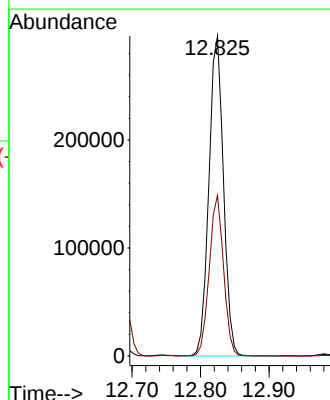
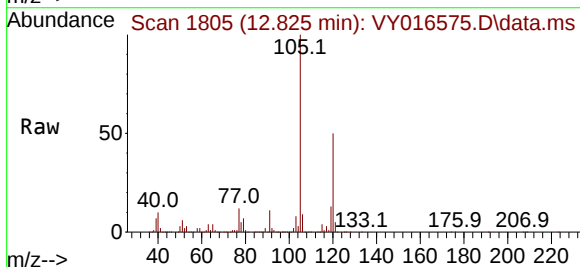
Manual Integrations
APPROVED

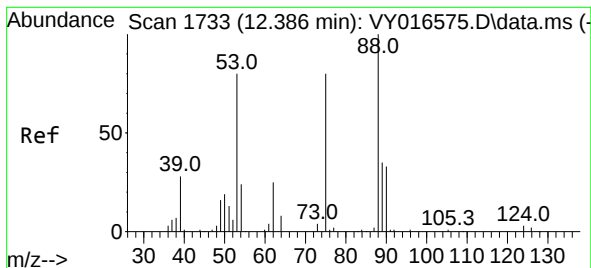
Reviewed By :Mahesh Dadoda 12/05/2023
Supervised By :Semsettin Yesilyurt 12/05/2023



#80
1,3,5-Trimethylbenzene
Concen: 50.126 ug/l
RT: 12.825 min Scan# 1805
Delta R.T. 0.000 min
Lab File: VY016575.D
Acq: 04 Dec 2023 13:30

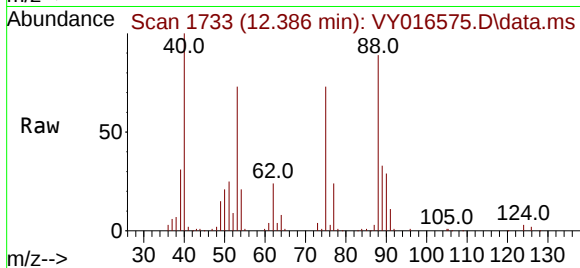
Tgt Ion:105 Resp: 437115
Ion Ratio Lower Upper
105 100
120 49.3 23.9 71.7





#81
trans-1,4-Dichloro-2-butene
Concen: 50.453 ug/l
RT: 12.386 min Scan# 1733
Delta R.T. 0.000 min
Lab File: VY016575.D
Acq: 04 Dec 2023 13:30

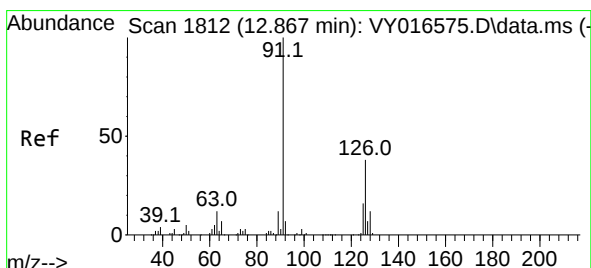
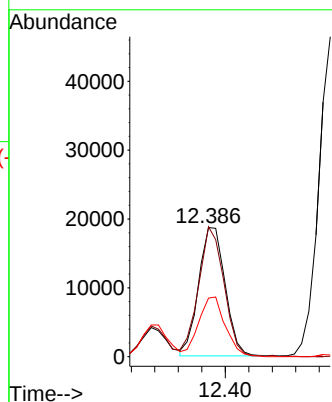
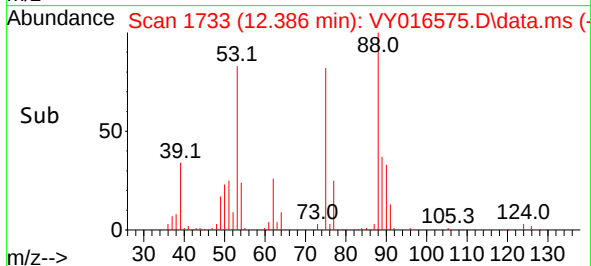
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050



Tgt Ion: 75 Resp: 2928
Ion Ratio Lower Upper
75 100
53 97.6 77.8 116.8
89 46.9 37.4 56.0

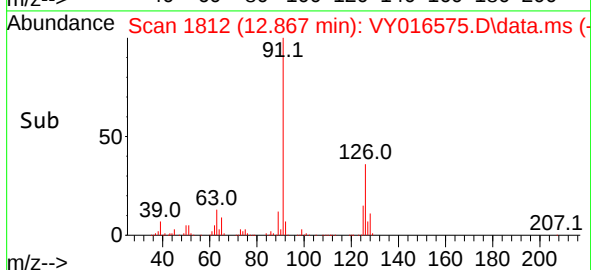
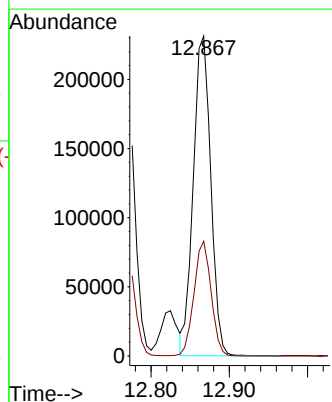
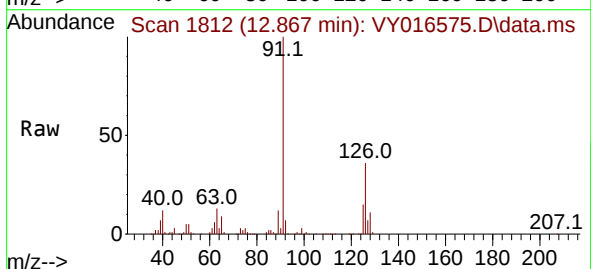
Manual Integrations
APPROVED

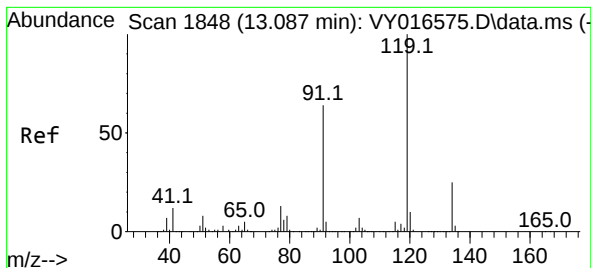
Reviewed By :Mahesh Dadoda 12/05/2023
Supervised By :Semsettin Yesilyurt 12/05/2023



#82
4-Chlorotoluene
Concen: 49.401 ug/l
RT: 12.867 min Scan# 1812
Delta R.T. 0.000 min
Lab File: VY016575.D
Acq: 04 Dec 2023 13:30

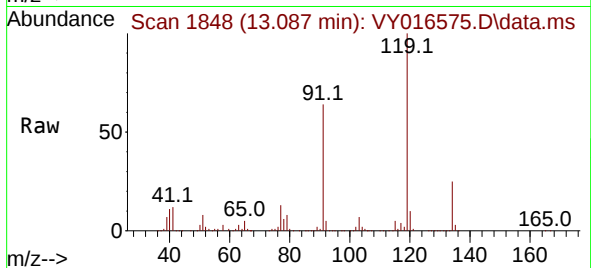
Tgt Ion: 91 Resp: 359810
Ion Ratio Lower Upper
91 100
126 35.3 17.2 51.6





#83
tert-Butylbenzene
Concen: 50.315 ug/l
RT: 13.087 min Scan# 1848
Delta R.T. 0.000 min
Lab File: VY016575.D
Acq: 04 Dec 2023 13:30

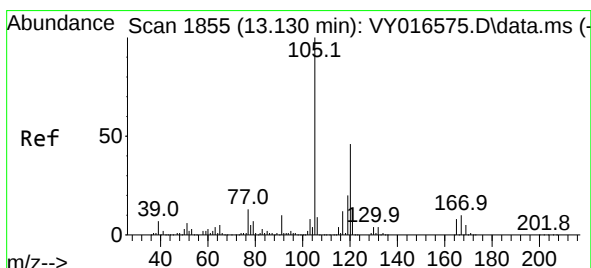
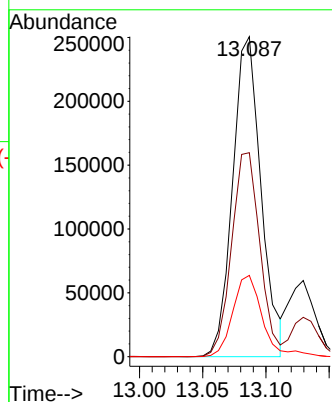
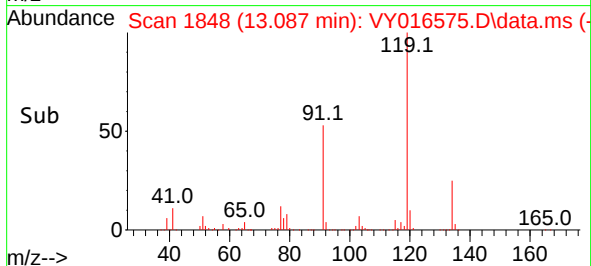
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050



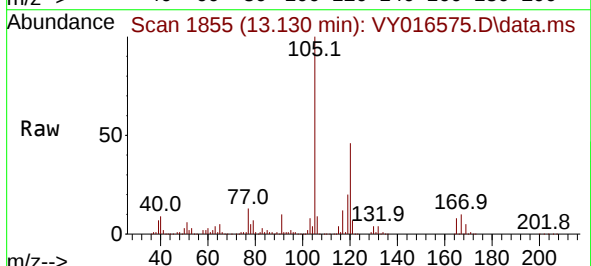
Tgt Ion:119 Resp: 392024
Ion Ratio Lower Upper
119 100
91 63.6 32.9 98.6
134 26.5 13.0 38.9

Manual Integrations
APPROVED

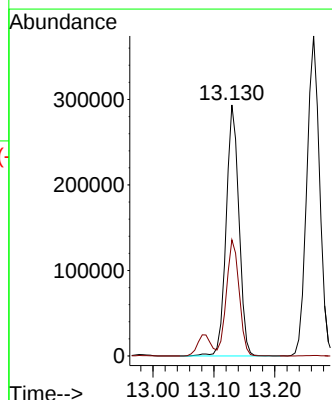
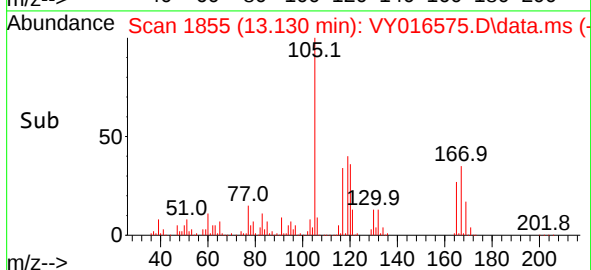
Reviewed By :Mahesh Dadoda 12/05/2023
Supervised By :Semsettin Yesilyurt 12/05/2023

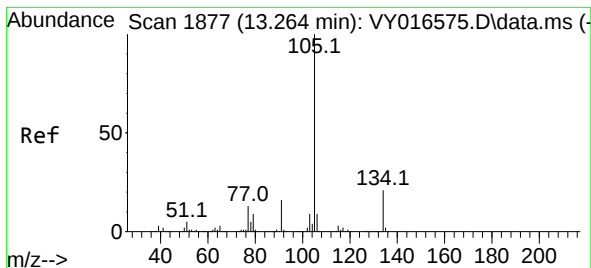


#84
1,2,4-Trimethylbenzene
Concen: 50.188 ug/l
RT: 13.130 min Scan# 1855
Delta R.T. 0.000 min
Lab File: VY016575.D
Acq: 04 Dec 2023 13:30



Tgt Ion:105 Resp: 427484
Ion Ratio Lower Upper
105 100
120 45.9 22.2 66.6





#85

sec-Butylbenzene

Concen: 49.686 ug/l

RT: 13.264 min Scan# 1877

Delta R.T. 0.000 min

Lab File: VY016575.D

Acq: 04 Dec 2023 13:30

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

Tgt Ion:105 Resp: 543710

Ion Ratio Lower Upper

105 100

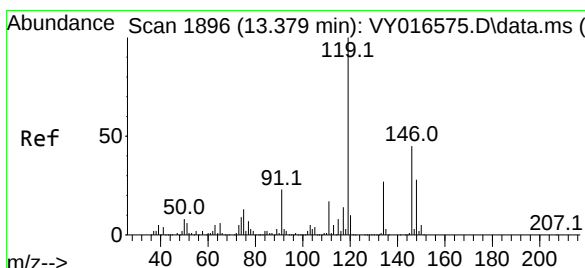
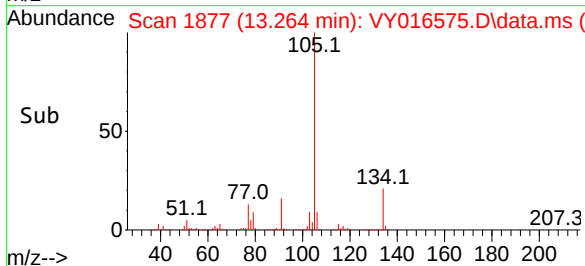
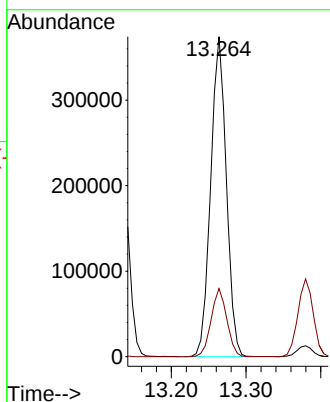
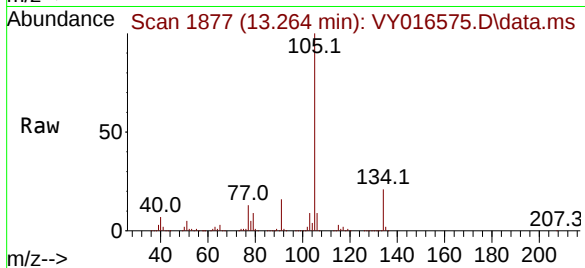
134 21.3 10.2 30.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/05/2023

Supervised By :Semsettin Yesilyurt 12/05/2023



#86

p-Isopropyltoluene

Concen: 50.863 ug/l

RT: 13.379 min Scan# 1896

Delta R.T. 0.000 min

Lab File: VY016575.D

Acq: 04 Dec 2023 13:30

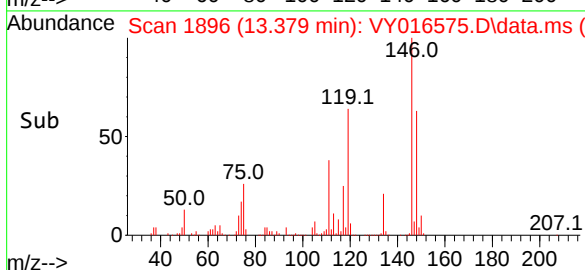
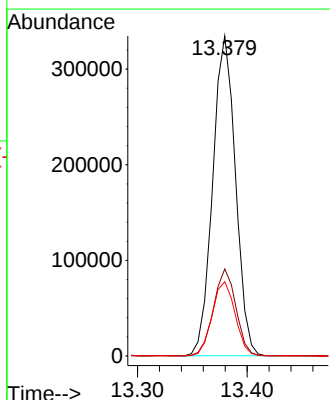
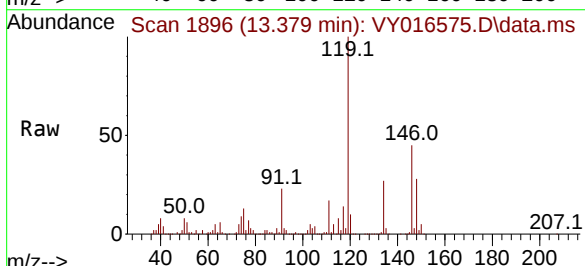
Tgt Ion:119 Resp: 483152

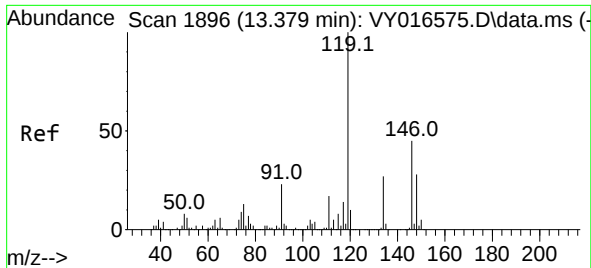
Ion Ratio Lower Upper

119 100

134 26.7 13.3 39.8

91 23.5 12.4 37.4





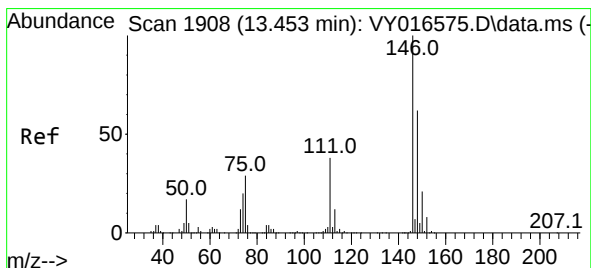
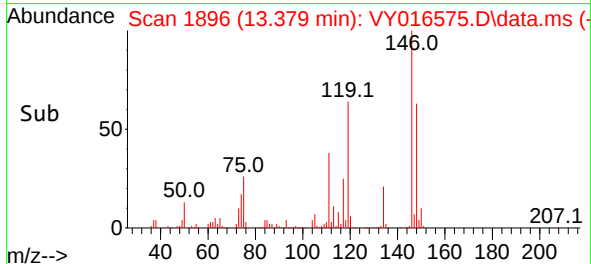
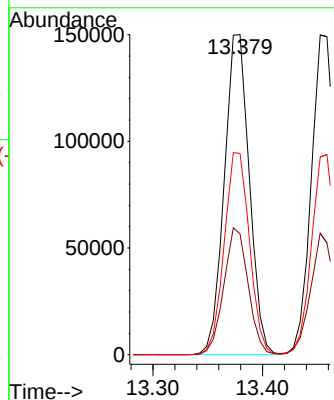
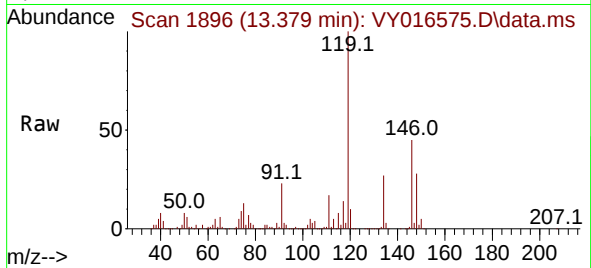
#87
1,3-Dichlorobenzene
Concen: 49.288 ug/l
RT: 13.379 min Scan# 1896
Delta R.T. 0.000 min
Lab File: VY016575.D
Acq: 04 Dec 2023 13:30

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion:146 Resp: 237973
Ion Ratio Lower Upper
146 100
111 38.6 19.4 58.2
148 63.7 31.9 95.5

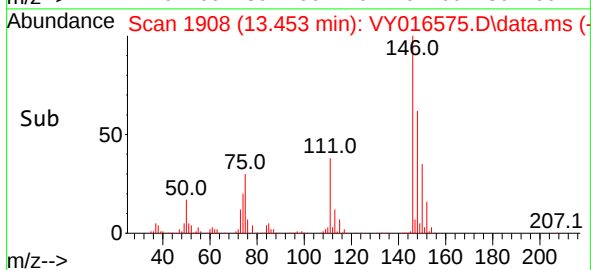
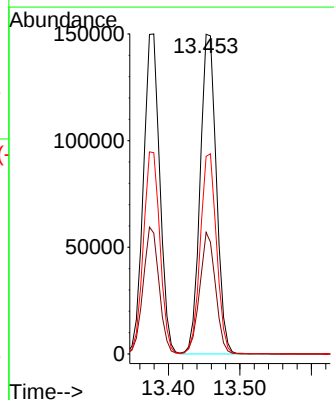
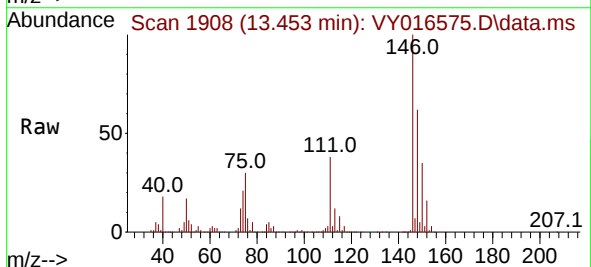
Manual Integrations
APPROVED

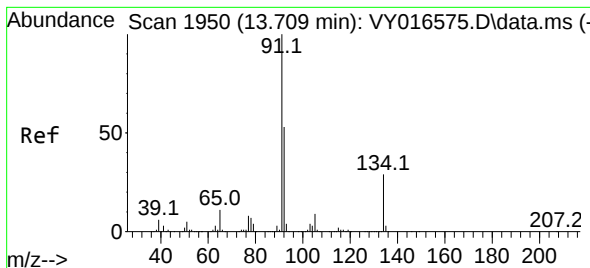
Reviewed By :Mahesh Dadoda 12/05/2023
Supervised By :Semsettin Yesilyurt 12/05/2023



#88
1,4-Dichlorobenzene
Concen: 49.811 ug/l
RT: 13.453 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VY016575.D
Acq: 04 Dec 2023 13:30

Tgt Ion:146 Resp: 236026
Ion Ratio Lower Upper
146 100
111 37.1 18.9 56.7
148 62.8 32.1 96.5





#89

n-Butylbenzene

Concen: 50.749 ug/l

RT: 13.709 min Scan# 1950

Delta R.T. 0.000 min

Lab File: VY016575.D

Acq: 04 Dec 2023 13:30

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

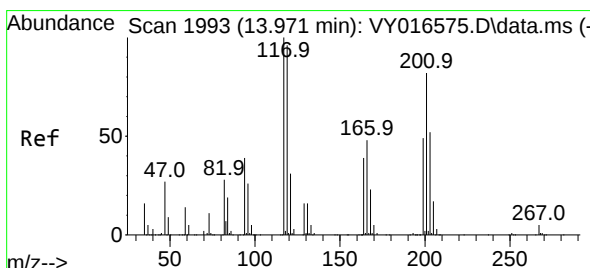
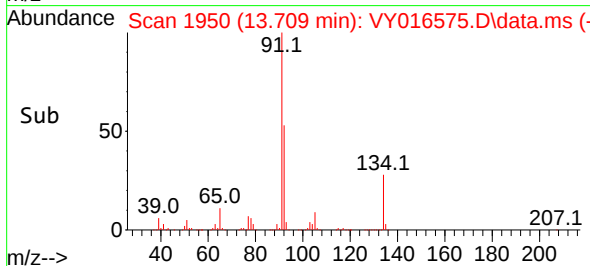
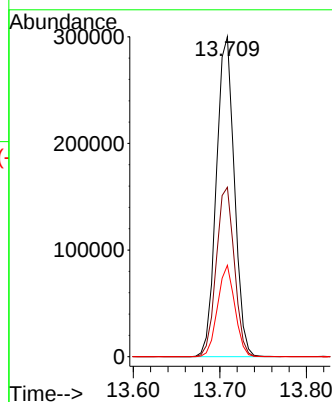
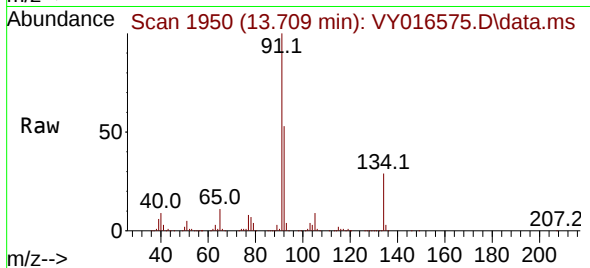
Tgt Ion: 91 Resp: 433529

Ion	Ratio	Lower	Upper
91	100		
92	53.2	25.4	76.0
134	27.4	12.6	37.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/05/2023
Supervised By :Semsettin Yesilyurt 12/05/2023



#90

Hexachloroethane

Concen: 49.132 ug/l

RT: 13.971 min Scan# 1993

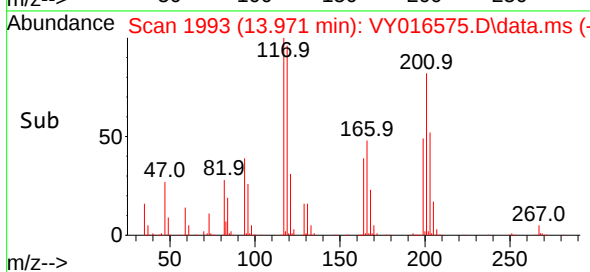
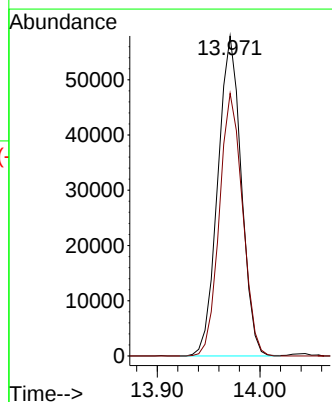
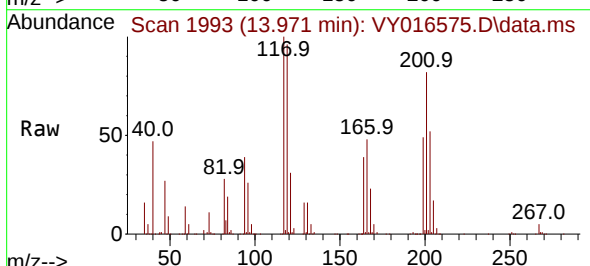
Delta R.T. 0.000 min

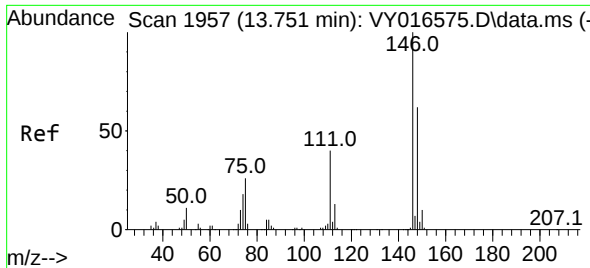
Lab File: VY016575.D

Acq: 04 Dec 2023 13:30

Tgt Ion:117 Resp: 91829

Ion	Ratio	Lower	Upper
117	100		
201	81.0	41.6	124.8





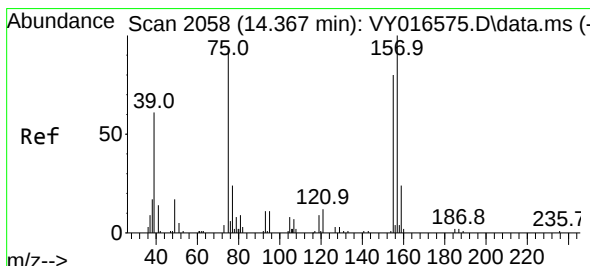
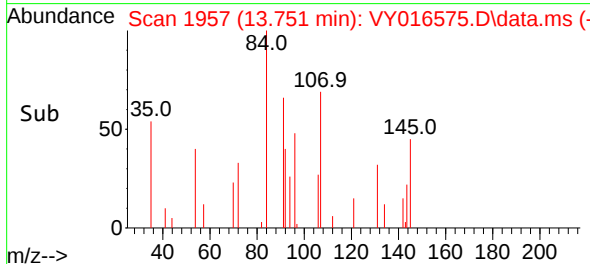
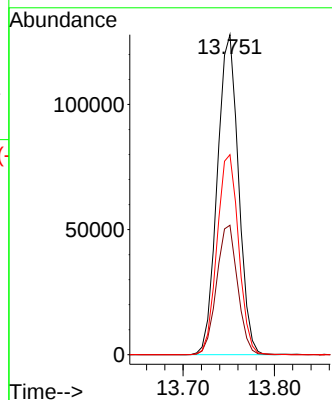
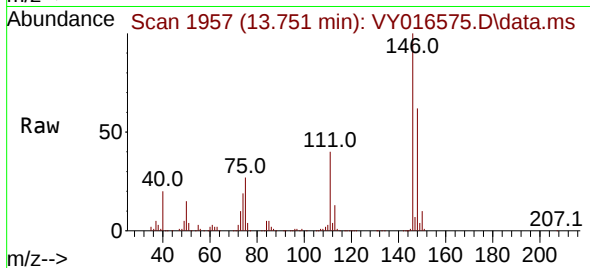
#91
1,2-Dichlorobenzene
Concen: 49.772 ug/l
RT: 13.751 min Scan# 1957
Delta R.T. 0.000 min
Lab File: VY016575.D
Acq: 04 Dec 2023 13:30

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion:146 Resp: 20632
Ion Ratio Lower Upper
146 100
111 40.2 19.7 59.0
148 63.5 32.0 96.2

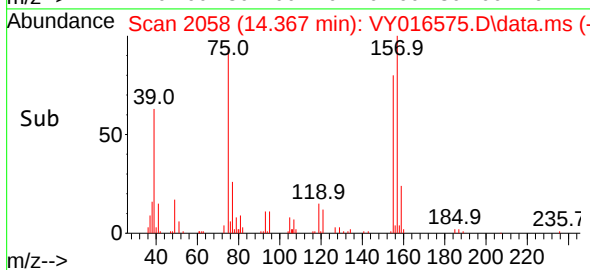
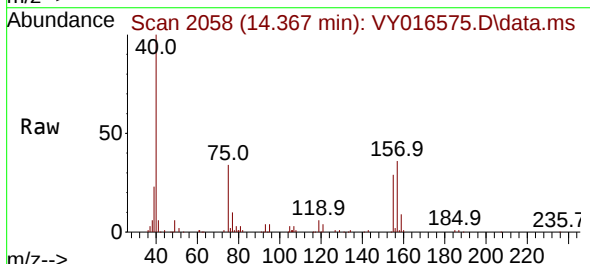
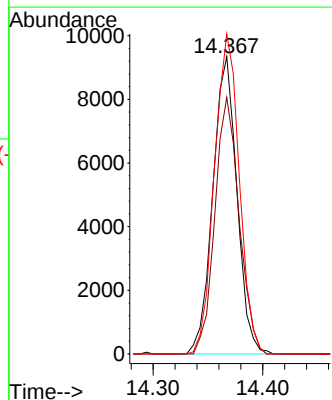
Manual Integrations
APPROVED

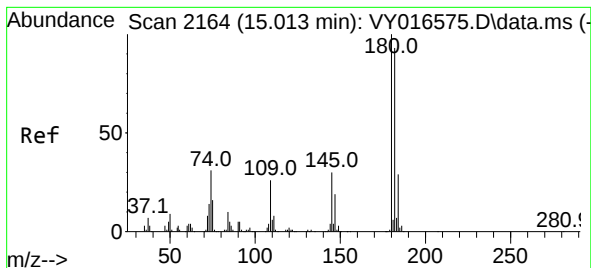
Reviewed By :Mahesh Dadoda 12/05/2023
Supervised By :Semsettin Yesilyurt 12/05/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 52.230 ug/l
RT: 14.367 min Scan# 2058
Delta R.T. 0.000 min
Lab File: VY016575.D
Acq: 04 Dec 2023 13:30

Tgt Ion: 75 Resp: 14267
Ion Ratio Lower Upper
75 100
155 86.6 41.5 124.6
157 111.0 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 51.629 ug/l

RT: 15.013 min Scan# 2164

Delta R.T. 0.000 min

Lab File: VY016575.D

Acq: 04 Dec 2023 13:30

Instrument :

MSVOA_Y

ClientSampleId :

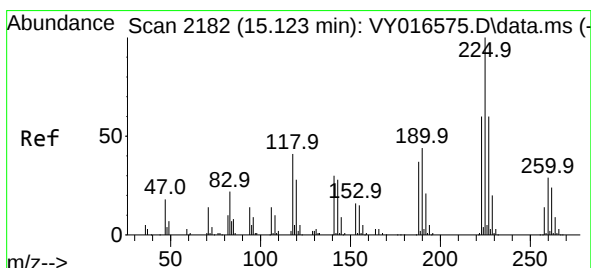
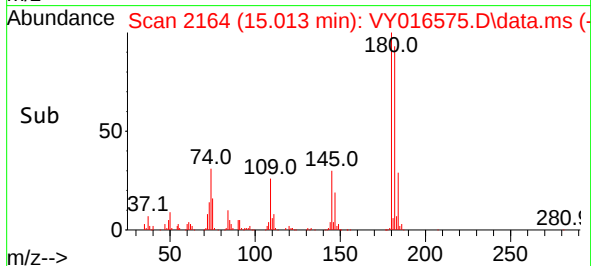
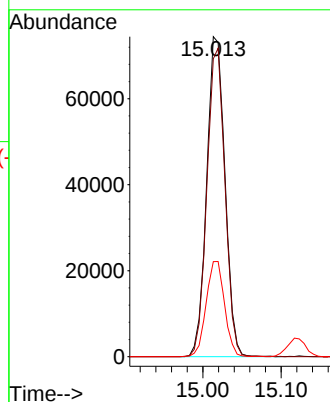
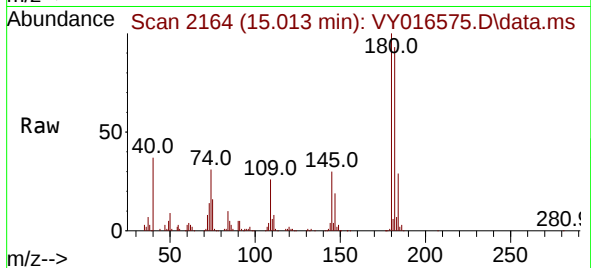
VSTDICCC050

Tgt Ion:	180	Resp:	12076
Ion Ratio	Lower	Upper	
180	100		
182	94.9	47.0	141.2
145	29.9	14.5	43.5

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/05/2023
Supervised By :Semsettin Yesilyurt 12/05/2023



#94

Hexachlorobutadiene

Concen: 50.603 ug/l

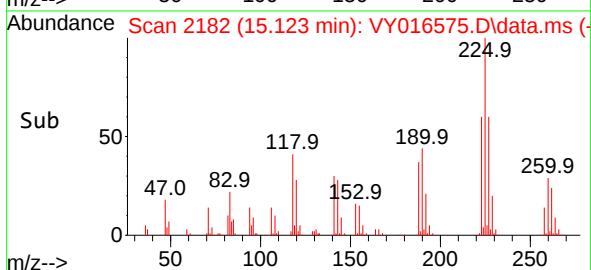
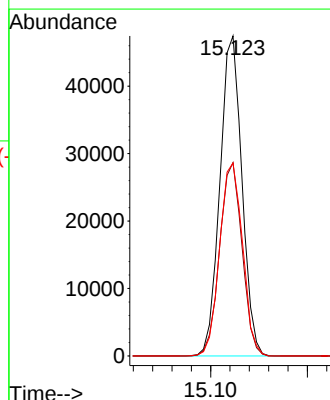
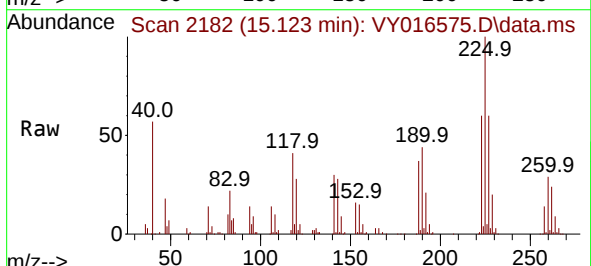
RT: 15.123 min Scan# 2182

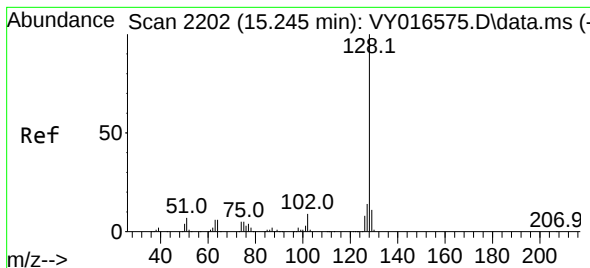
Delta R.T. 0.000 min

Lab File: VY016575.D

Acq: 04 Dec 2023 13:30

Tgt Ion:	225	Resp:	74785
Ion Ratio	Lower	Upper	
225	100		
223	61.4	31.9	95.9
227	62.9	33.0	98.9





#95

Naphthalene

Concen: 54.530 ug/l

RT: 15.245 min Scan# 21

Delta R.T. -0.000 min

Lab File: VY016575.D

Acq: 04 Dec 2023 13:30

Instrument :

MSVOA_Y

ClientSampleId :

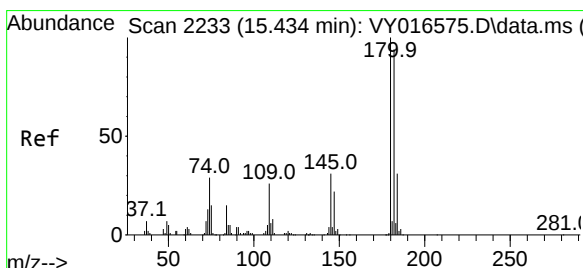
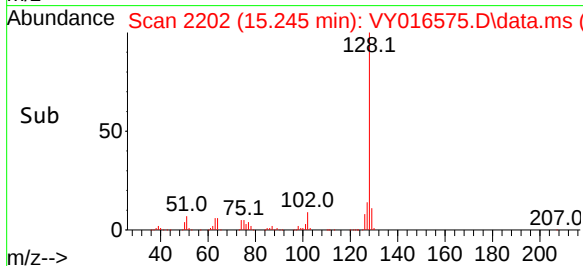
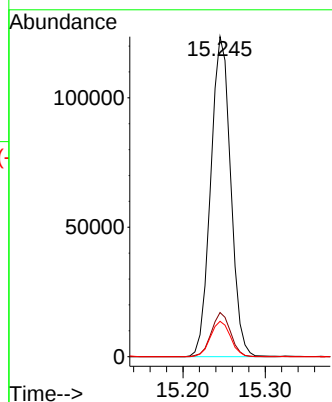
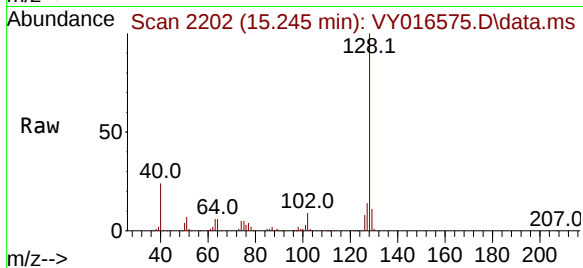
VSTDICCC050

Tgt Ion:	128	Resp:	20877
Ion Ratio	Lower	Upper	
128	100		
127	13.3	10.8	16.2
129	11.0	8.6	13.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/05/2023
Supervised By :Semsettin Yesilyurt 12/05/2023



#96

1,2,3-Trichlorobenzene

Concen: 53.798 ug/l

RT: 15.434 min Scan# 2233

Delta R.T. -0.000 min

Lab File: VY016575.D

Acq: 04 Dec 2023 13:30

Tgt Ion:	180	Resp:	99056
Ion Ratio	Lower	Upper	
180	100		
182	94.7	47.3	141.8
145	31.3	15.4	46.2

