

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122123\
 Data File : VY016754.D
 Acq On : 21 Dec 2023 11:16
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Quant Time: Dec 22 00:42:34 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122023S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 21 01:49:45 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 12/22/2023
 Supervised By :Semsettin Yesilyurt 12/22/2023

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

Internal Standards						
1) Pentafluorobenzene	7.813	168	148818	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.710	114	250115	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.508	117	212356	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	88266	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.167	65	58358	42.956	ug/l	0.01
Spiked Amount 50.000	Range 50 - 163		Recovery =	85.920%		
35) Dibromofluoromethane	7.740	113	62787	43.824	ug/l	0.01
Spiked Amount 50.000	Range 54 - 147		Recovery =	87.640%		
50) Toluene-d8	10.197	98	235659	45.628	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	91.260%		
62) 4-Bromofluorobenzene	12.495	95	73313	43.753	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	87.500%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.918	85	60984	47.952	ug/l	98
3) Chloromethane	2.125	50	102695	52.532	ug/l	98
4) Vinyl Chloride	2.266	62	118250	53.553	ug/l	98
5) Bromomethane	2.674	94	81861	52.051	ug/l	98
6) Chloroethane	2.814	64	78368	52.377	ug/l	100
7) Trichlorofluoromethane	3.150	101	136491	53.062	ug/l	98
8) Diethyl Ether	3.552	74	41070	49.911	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.930	101	84556	53.587	ug/l	99
10) Methyl Iodide	4.119	142	86175	52.410	ug/l	99
11) Tert butyl alcohol	4.991	59	20700	185.835	ug/l #	90
12) 1,1-Dichloroethene	3.899	96	77076	54.861	ug/l	98
13) Acrolein	3.753	56	19573	227.742	ug/l	95
14) Allyl chloride	4.509	41	119104	55.349	ug/l	99
15) Acrylonitrile	5.198	53	84614	242.816	ug/l	99
16) Acetone	3.973	43	75911	206.635	ug/l	98
17) Carbon Disulfide	4.223	76	216155	56.545	ug/l	99
18) Methyl Acetate	4.509	43	74183	51.671	ug/l	100
19) Methyl tert-butyl Ether	5.253	73	180852	50.029	ug/l	97
20) Methylene Chloride	4.753	84	91870	49.745	ug/l	97
21) trans-1,2-Dichloroethene	5.253	96	89675	55.966	ug/l	99
22) Diisopropyl ether	6.149	45	271449	55.758	ug/l	94
23) Vinyl Acetate	6.088	43	576079	250.196	ug/l	99
24) 1,1-Dichloroethane	6.051	63	160166	54.767	ug/l	98
25) 2-Butanone	7.015	43	108988	215.478	ug/l	98
26) 2,2-Dichloropropane	7.015	77	139741	54.756	ug/l	100
27) cis-1,2-Dichloroethene	7.015	96	101065	54.805	ug/l	99
28) Bromochloromethane	7.362	49	59176	51.124	ug/l	99
29) Tetrahydrofuran	7.374	42	67324	243.426	ug/l	98
30) Chloroform	7.533	83	163078	54.472	ug/l	98
31) Cyclohexane	7.813	56	138575	53.238	ug/l	98
32) 1,1,1-Trichloroethane	7.728	97	142238	54.126	ug/l	99
36) 1,1-Dichloropropene	7.941	75	125544	54.658	ug/l	99
37) Ethyl Acetate	7.100	43	47602	48.352	ug/l	100
38) Carbon Tetrachloride	7.929	117	124038	54.574	ug/l	99
39) Methylcyclohexane	9.203	83	151461	57.114	ug/l	99
40) Benzene	8.185	78	369354	55.260	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.332	41	23478	44.916	ug/l	86
42) 1,2-Dichloroethane	8.258	62	91956	52.733	ug/l	99
43) Isopropyl Acetate	8.295	43	92085	48.159	ug/l	99
44) Trichloroethene	8.959	130	93753	54.956	ug/l	100
45) 1,2-Dichloropropane	9.234	63	91561	54.609	ug/l	100
46) Dibromomethane	9.325	93	45147	52.123	ug/l	98
47) Bromodichloromethane	9.514	83	122934	53.849	ug/l	97
48) Methyl methacrylate	9.307	41	54389	51.180	ug/l	99
49) 1,4-Dioxane	9.319	88	8359	994.301	ug/l	97
51) 4-Methyl-2-Pentanone	10.087	43	247761	243.191	ug/l	100
52) Toluene	10.258	92	225288	56.245	ug/l	100
53) t-1,3-Dichloropropene	10.477	75	109716	52.706	ug/l	100
54) cis-1,3-Dichloropropene	9.947	75	136205	54.245	ug/l	98
55) 1,1,2-Trichloroethane	10.660	97	63694	51.540	ug/l	97
56) Ethyl methacrylate	10.526	69	57197	52.634	ug/l	96
57) 1,3-Dichloropropane	10.807	76	108043	51.472	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.795	63	167962	287.316	ug/l	99
59) 2-Hexanone	10.843	43	173128	227.899	ug/l	99
60) Dibromochloromethane	11.002	129	75305	52.676	ug/l	98
61) 1,2-Dibromoethane	11.105	107	56123	50.640	ug/l	100
64) Tetrachloroethene	10.734	164	70437	53.396	ug/l	97
65) Chlorobenzene	11.532	112	228095	54.670	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.605	131	83619	53.268	ug/l	99
67) Ethyl Benzene	11.605	91	432206	56.282	ug/l	99
68) m/p-Xylenes	11.715	106	319069	112.516	ug/l	99
69) o-Xylene	12.044	106	146995	56.503	ug/l	100
70) Styrene	12.056	104	214802	55.798	ug/l	99
71) Bromoform	12.221	173	38628	49.357	ug/l #	97
73) Isopropylbenzene	12.343	105	403429	58.687	ug/l	100
74) N-amyl acetate	12.154	43	72416	50.196	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.593	83	68134	49.599	ug/l	100
76) 1,2,3-Trichloropropane	12.642	75	47952m	49.145	ug/l	
77) Bromobenzene	12.623	156	83432	55.633	ug/l	99
78) n-propylbenzene	12.684	91	491713	59.038	ug/l	99
79) 2-Chlorotoluene	12.770	91	263220	57.114	ug/l	99
80) 1,3,5-Trimethylbenzene	12.825	105	318598	58.549	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.392	75	20735	49.906	ug/l	99
82) 4-Chlorotoluene	12.867	91	268578	56.805	ug/l	99
83) tert-Butylbenzene	13.087	119	276148	58.342	ug/l	98
84) 1,2,4-Trimethylbenzene	13.129	105	314639	58.638	ug/l	99
85) sec-Butylbenzene	13.264	105	410458	58.547	ug/l	100
86) p-Isopropyltoluene	13.379	119	341725	58.529	ug/l	100
87) 1,3-Dichlorobenzene	13.379	146	161443	55.085	ug/l	99
88) 1,4-Dichlorobenzene	13.459	146	155818	54.448	ug/l	99
89) n-Butylbenzene	13.709	91	329843	59.099	ug/l	100
90) Hexachloroethane	13.971	117	67379	55.422	ug/l	100
91) 1,2-Dichlorobenzene	13.751	146	134644	53.927	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.367	75	8069	45.313	ug/l	97
93) 1,2,4-Trichlorobenzene	15.019	180	72415	54.660	ug/l	98
94) Hexachlorobutadiene	15.123	225	42502	56.483	ug/l	99
95) Naphthalene	15.251	128	128477	45.405	ug/l	100
96) 1,2,3-Trichlorobenzene	15.440	180	59768	52.971	ug/l	97

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

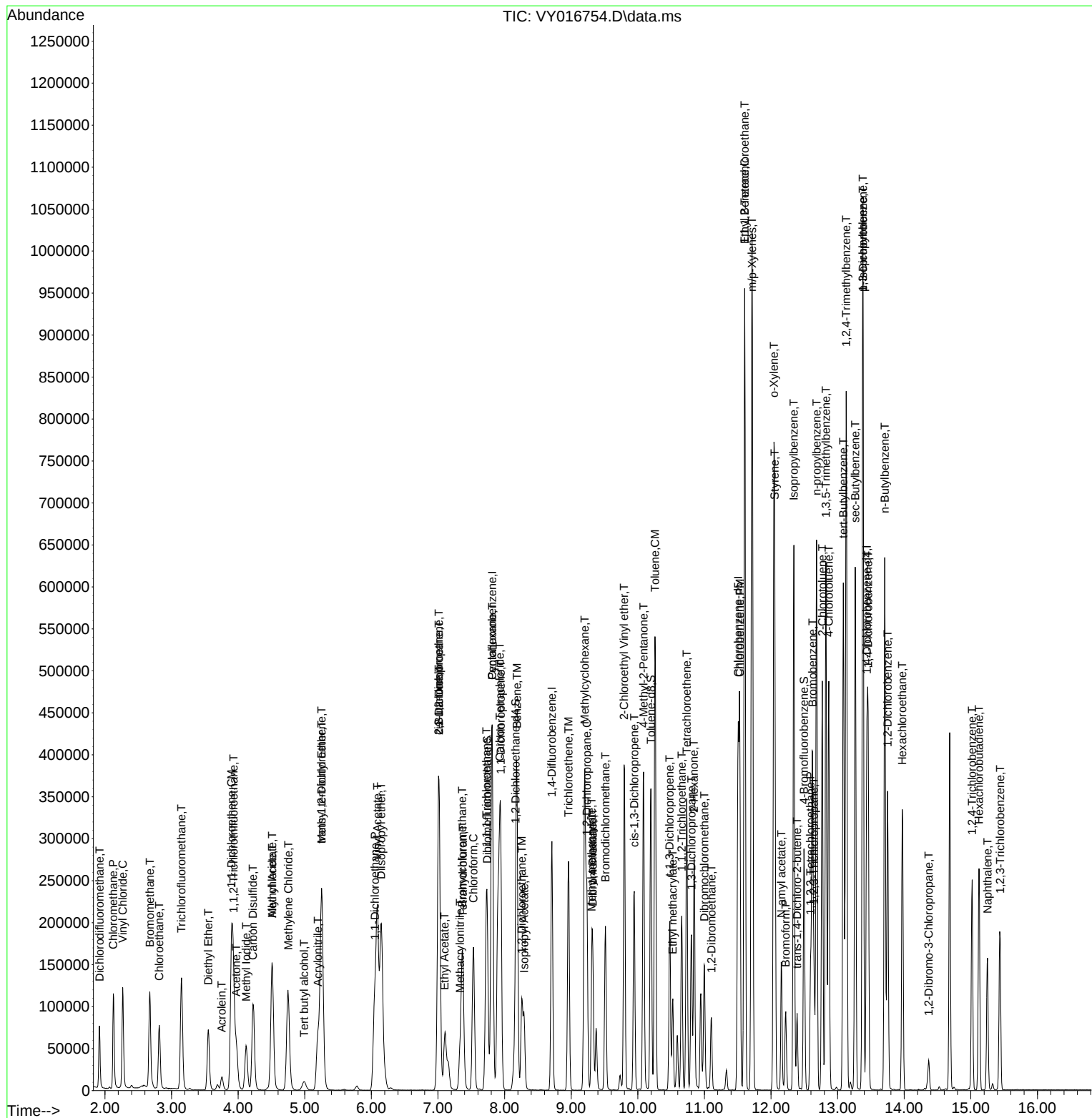
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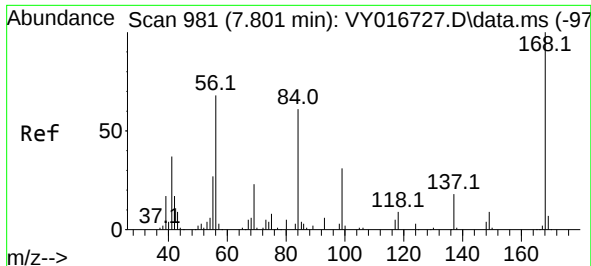
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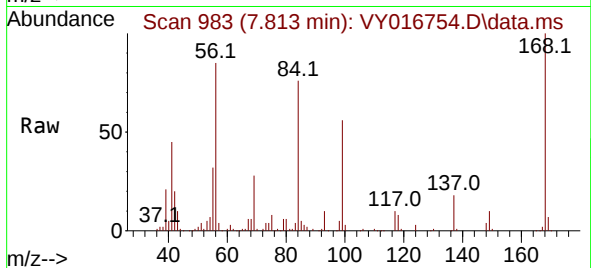
Reviewed By :Mahesh Dadoda 12/22/2023
Supervised By :Semsettin Yesilyurt 12/22/2023





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.813 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY016754.D
Acq: 21 Dec 2023 11:16

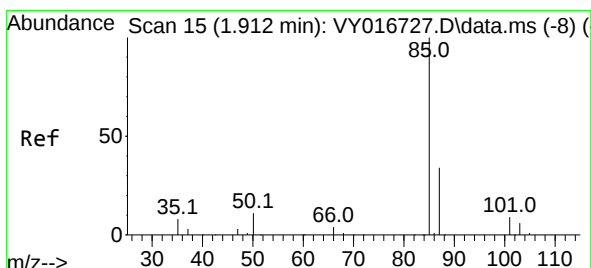
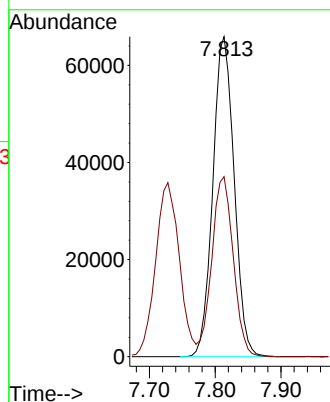
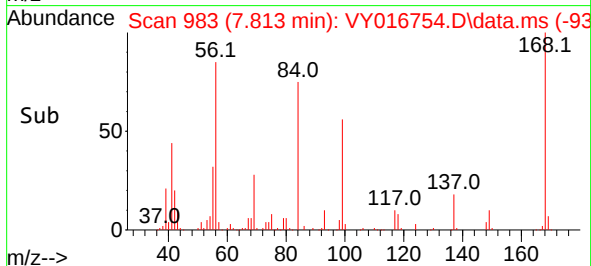
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion:168 Resp: 148818
Ion Ratio Lower Upper
168 100
99 56.3 44.2 66.4

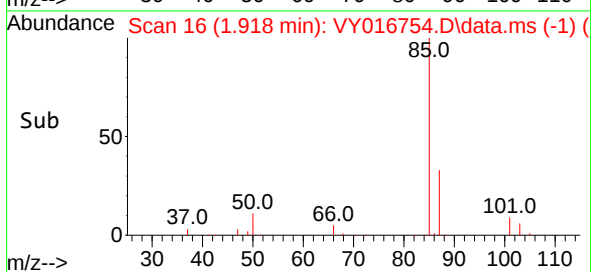
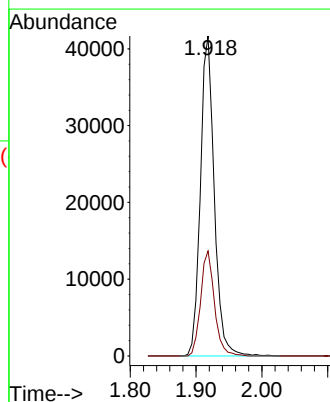
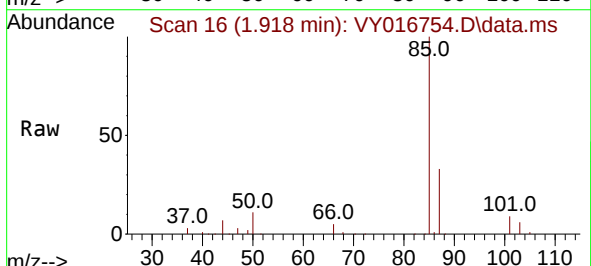
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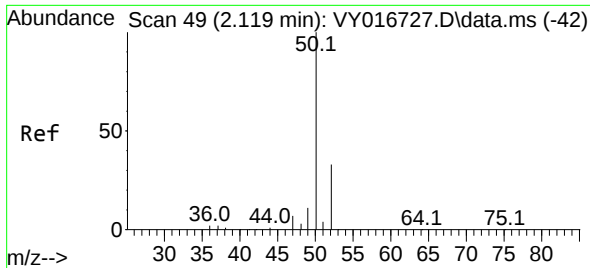
Reviewed By :Mahesh Dadoda 12/22/2023
Supervised By :Semsettin Yesilyurt 12/22/2023



#2
Dichlorodifluoromethane
Concen: 47.952 ug/l
RT: 1.918 min Scan# 16
Delta R.T. 0.006 min
Lab File: VY016754.D
Acq: 21 Dec 2023 11:16

Tgt Ion: 85 Resp: 60984
Ion Ratio Lower Upper
85 100
87 32.8 17.1 51.3





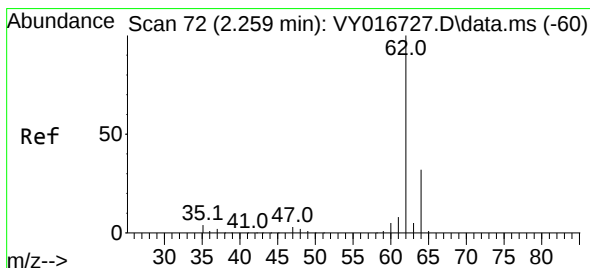
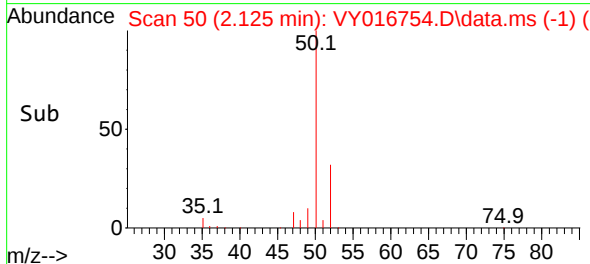
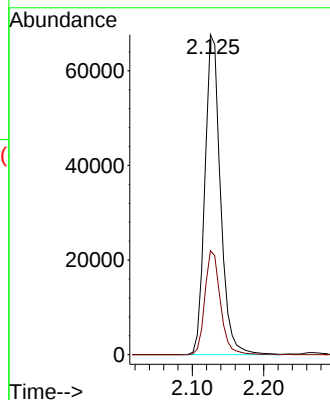
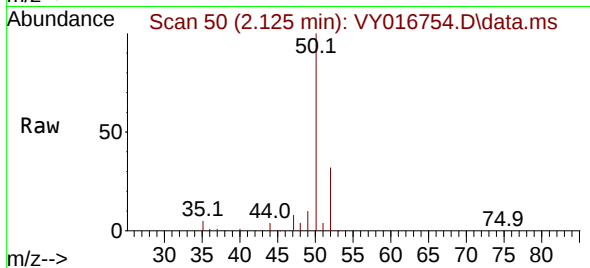
#3
Chloromethane
Concen: 52.532 ug/l
RT: 2.125 min Scan# 50
Delta R.T. 0.006 min
Lab File: VY016754.D
Acq: 21 Dec 2023 11:16

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 50 Resp: 102699
Ion Ratio Lower Upper
50 100
52 32.5 26.7 40.1

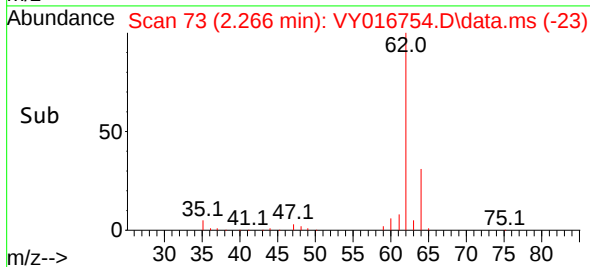
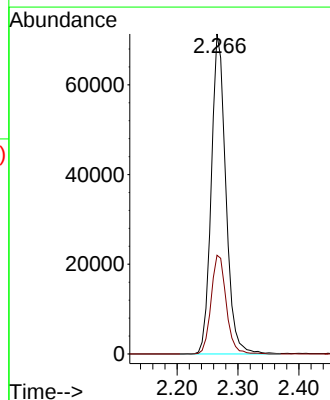
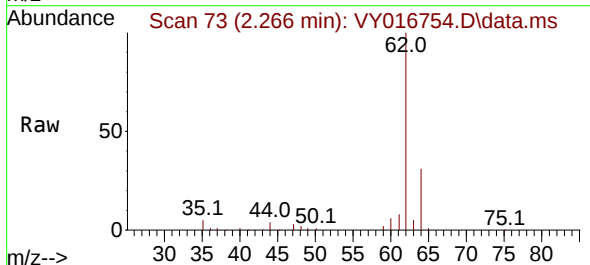
Manual Integrations
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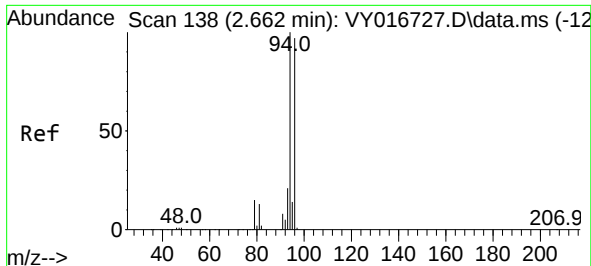
Reviewed By :Mahesh Dadoda 12/22/2023
Supervised By :Semsettin Yesilyurt 12/22/2023



#4
Vinyl Chloride
Concen: 53.553 ug/l
RT: 2.266 min Scan# 73
Delta R.T. 0.006 min
Lab File: VY016754.D
Acq: 21 Dec 2023 11:16

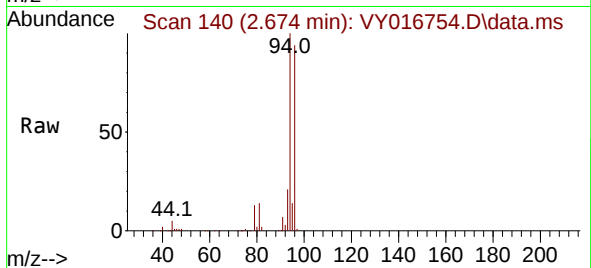
Tgt Ion: 62 Resp: 118250
Ion Ratio Lower Upper
62 100
64 30.9 25.7 38.5





#5
Bromomethane
Concen: 52.051 ug/l
RT: 2.674 min Scan# 14
Delta R.T. 0.012 min
Lab File: VY016754.D
Acq: 21 Dec 2023 11:16

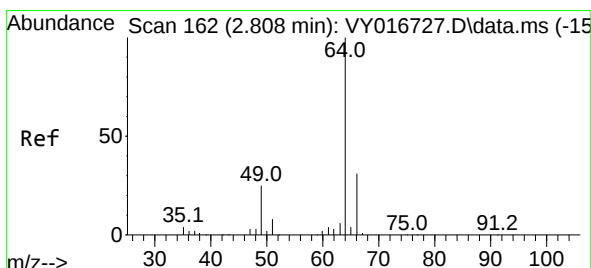
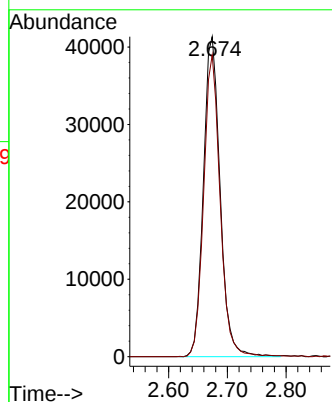
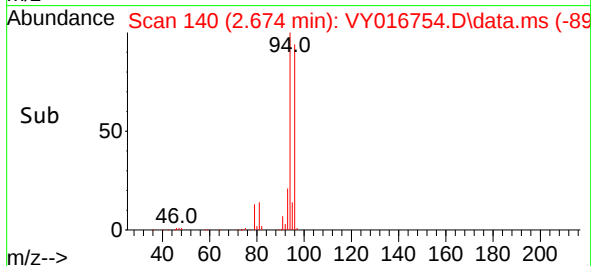
Instrument :
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Tgt Ion: 94 Resp: 8186
Ion Ratio Lower Upper
94 100
96 94.2 77.3 115.9

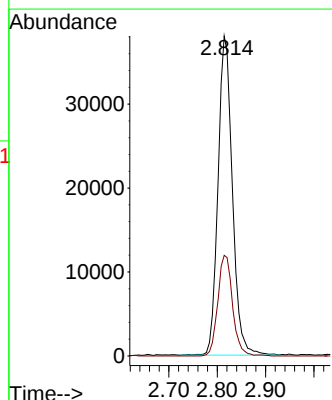
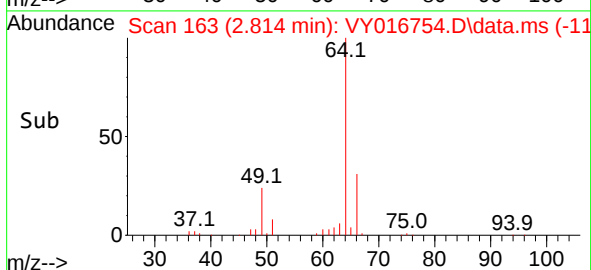
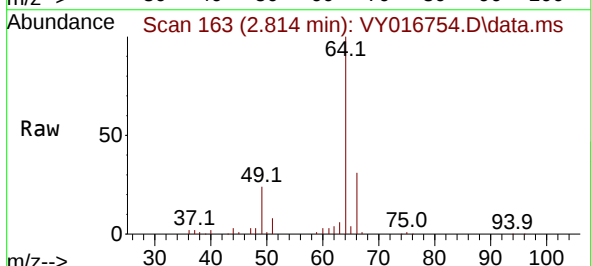
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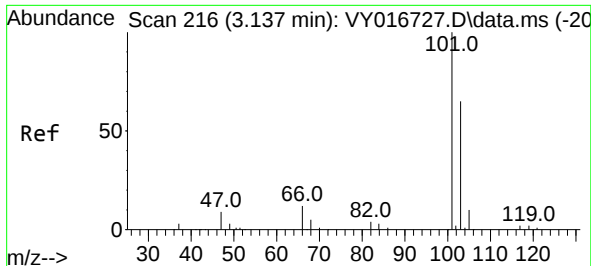
Reviewed By :Mahesh Dadoda 12/22/2023
Supervised By :Semsettin Yesilyurt 12/22/2023



#6
Chloroethane
Concen: 52.377 ug/l
RT: 2.814 min Scan# 163
Delta R.T. 0.006 min
Lab File: VY016754.D
Acq: 21 Dec 2023 11:16

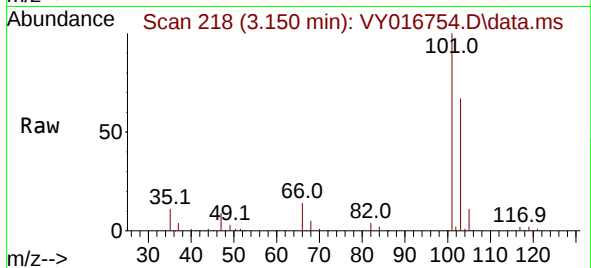
Tgt Ion: 64 Resp: 78368
Ion Ratio Lower Upper
64 100
66 31.5 25.1 37.7





#7
Trichlorofluoromethane
Concen: 53.062 ug/l
RT: 3.150 min Scan# 216
Delta R.T. 0.012 min
Lab File: VY016754.D
Acq: 21 Dec 2023 11:16

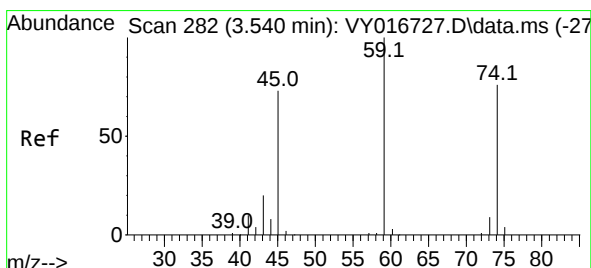
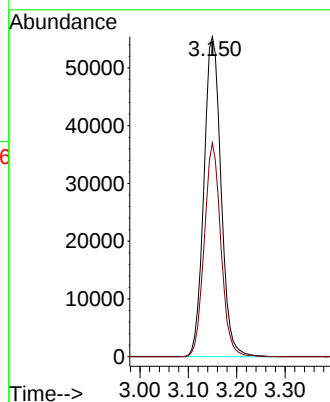
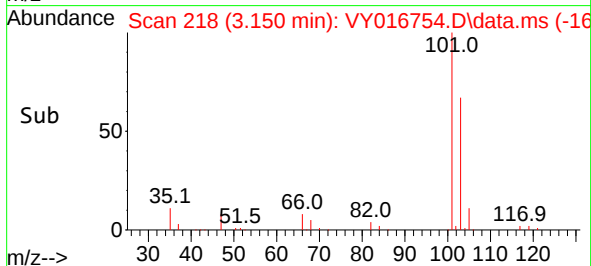
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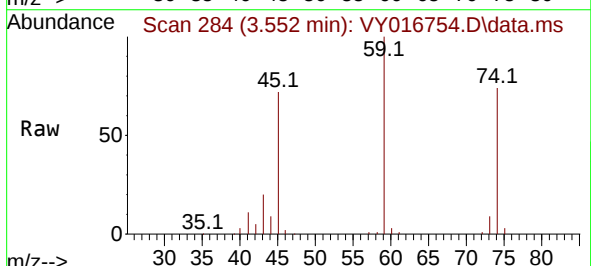
Tgt Ion:101 Resp: 13649
Ion Ratio Lower Upper
101 100
103 66.8 51.9 77.9

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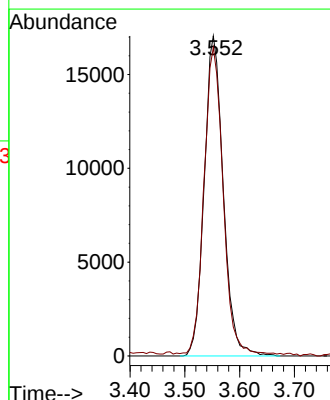
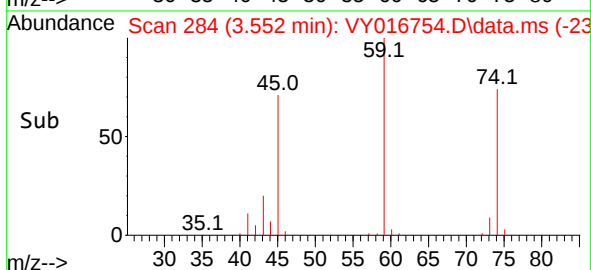
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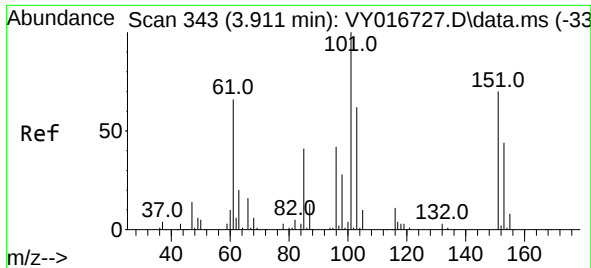


#8
Diethyl Ether
Concen: 49.911 ug/l
RT: 3.552 min Scan# 284
Delta R.T. 0.012 min
Lab File: VY016754.D
Acq: 21 Dec 2023 11:16



Tgt Ion: 74 Resp: 41070
Ion Ratio Lower Upper
74 100
45 96.0 47.9 143.7





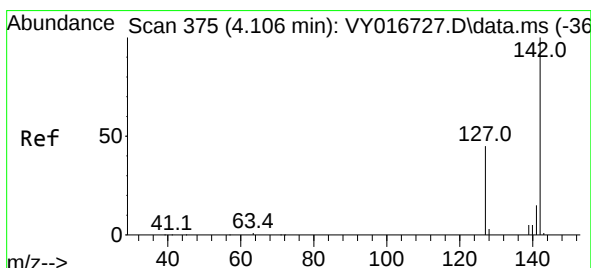
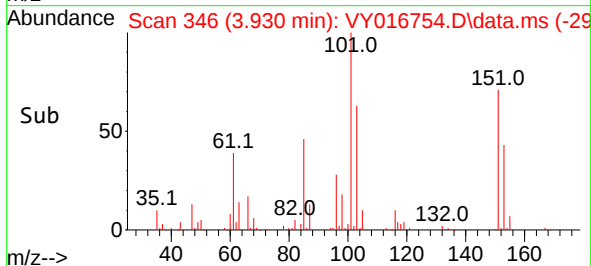
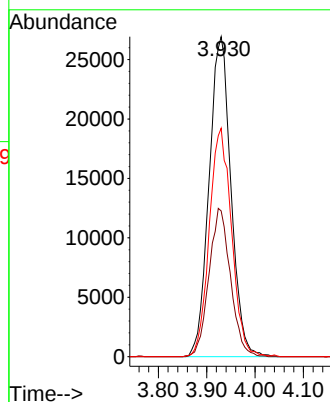
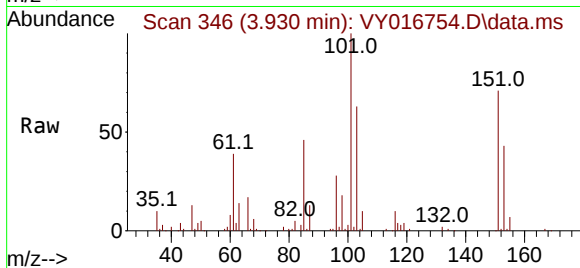
#9
1,1,2-Trichlorotrifluoroethane
Concen: 53.587 ug/l
RT: 3.930 min Scan# 343
Delta R.T. 0.018 min
Lab File: VY016754.D
Acq: 21 Dec 2023 11:16

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 84550
Ion Ratio Lower Upper
101 100
85 45.5 35.8 53.6
151 72.6 58.6 88.0

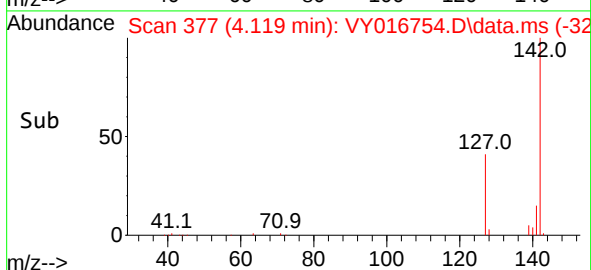
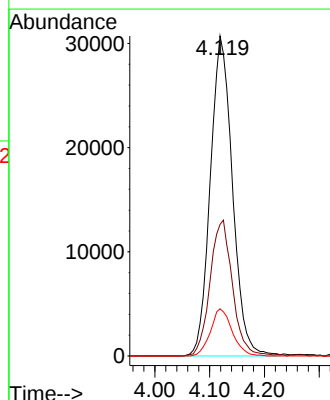
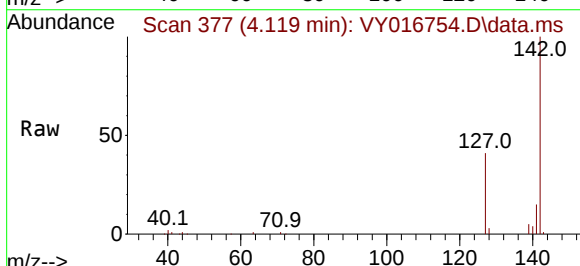
Manual Integrations
APPROVED

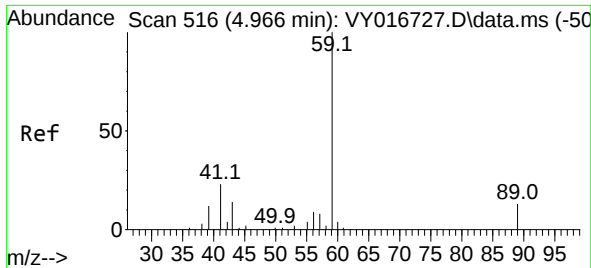
Reviewed By :Mahesh Dadoda 12/22/2023
Supervised By :Semsettin Yesilyurt 12/22/2023



#10
Methyl Iodide
Concen: 52.410 ug/l
RT: 4.119 min Scan# 377
Delta R.T. 0.012 min
Lab File: VY016754.D
Acq: 21 Dec 2023 11:16

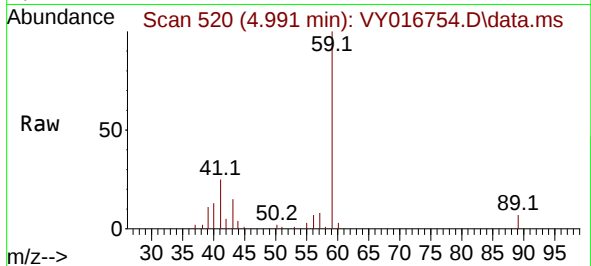
Tgt Ion:142 Resp: 86175
Ion Ratio Lower Upper
142 100
127 42.8 35.1 52.7
141 14.4 11.8 17.6





#11
Tert butyl alcohol
Concen: 185.835 ug/l
RT: 4.991 min Scan# 516
Delta R.T. 0.025 min
Lab File: VY016754.D
Acq: 21 Dec 2023 11:16

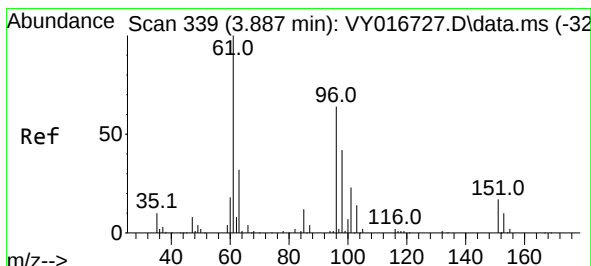
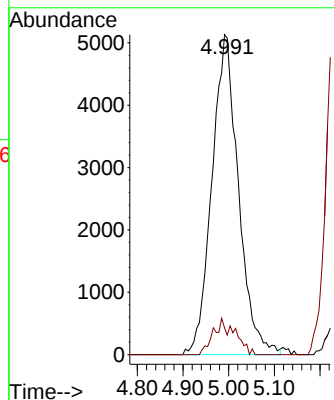
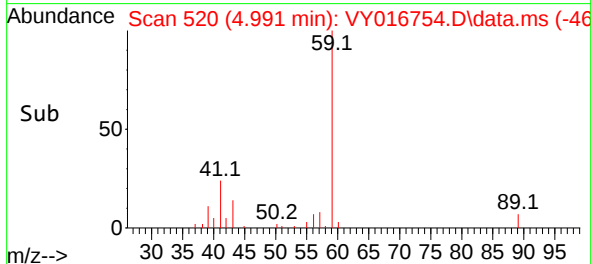
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



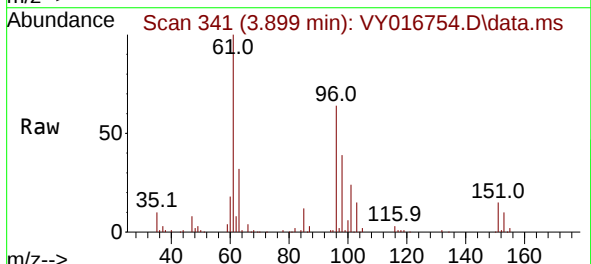
Tgt Ion: 59 Resp: 20700
Ion Ratio Lower Upper
59 100
57 5.4 7.4 11.0

Manual Integrations
APPROVED

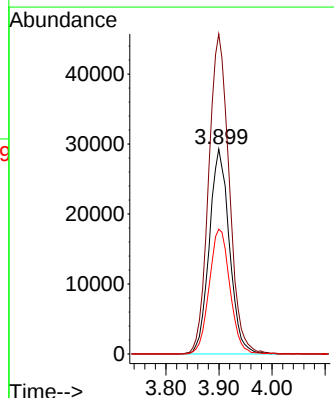
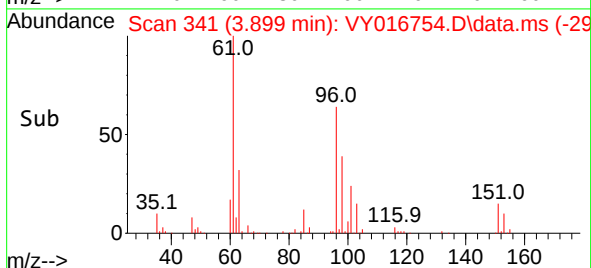
Reviewed By :Mahesh Dadoda 12/22/2023
Supervised By :Semsettin Yesilyurt 12/22/2023

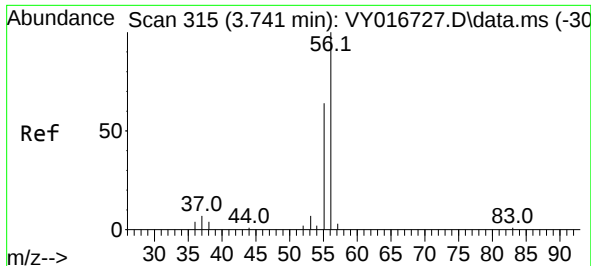


#12
1,1-Dichloroethene
Concen: 54.861 ug/l
RT: 3.899 min Scan# 341
Delta R.T. 0.012 min
Lab File: VY016754.D
Acq: 21 Dec 2023 11:16



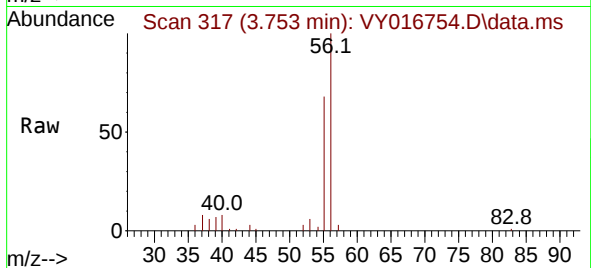
Tgt Ion: 96 Resp: 77076
Ion Ratio Lower Upper
96 100
61 156.2 124.2 186.2
98 60.9 52.6 79.0





#13
Acrolein
Concen: 227.742 ug/l
RT: 3.753 min Scan# 315
Delta R.T. 0.012 min
Lab File: VY016754.D
Acq: 21 Dec 2023 11:16

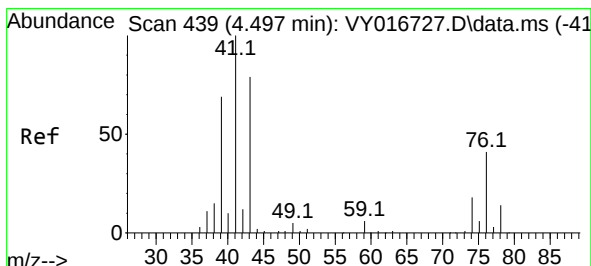
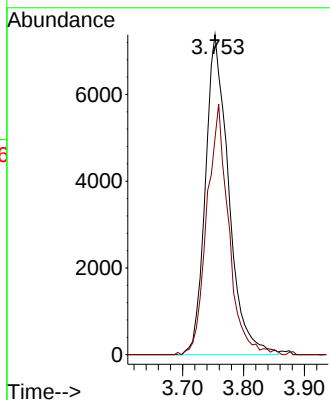
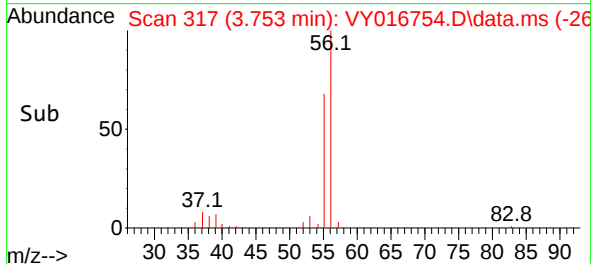
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



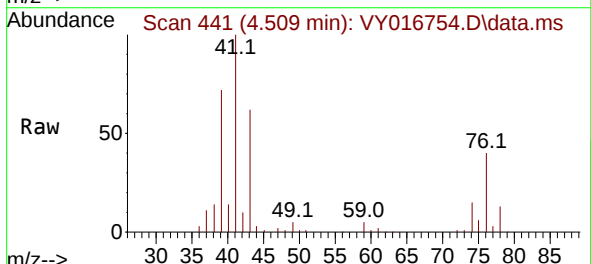
Tgt Ion: 56 Resp: 1957
Ion Ratio Lower Upper
56 100
55 73.5 55.4 83.0

Manual Integrations
APPROVED

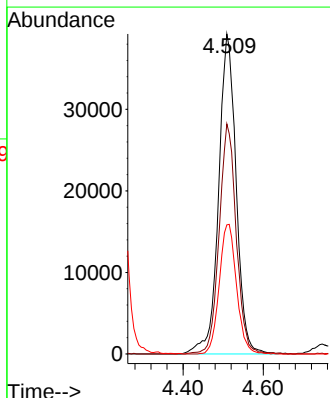
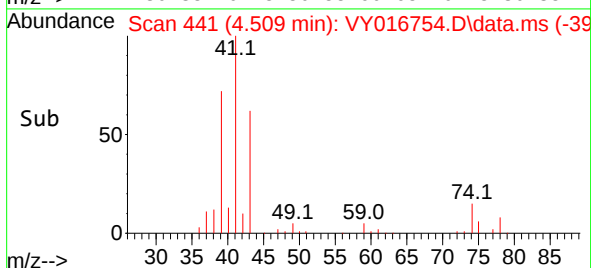
Reviewed By :Mahesh Dadoda 12/22/2023
Supervised By :Semsettin Yesilyurt 12/22/2023

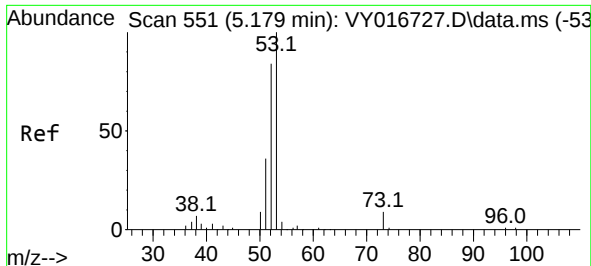


#14
Allyl chloride
Concen: 55.349 ug/l
RT: 4.509 min Scan# 441
Delta R.T. 0.012 min
Lab File: VY016754.D
Acq: 21 Dec 2023 11:16



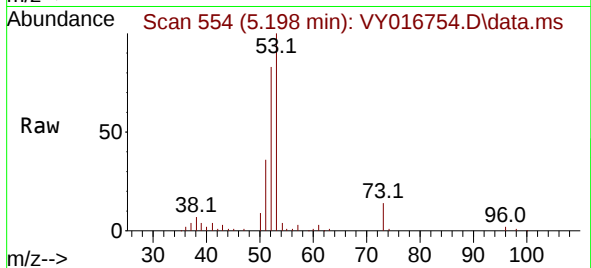
Tgt Ion: 41 Resp: 119104
Ion Ratio Lower Upper
41 100
39 70.1 54.7 82.1
76 39.9 31.8 47.6





#15
Acrylonitrile
Concen: 242.816 ug/l
RT: 5.198 min Scan# 51
Delta R.T. 0.019 min
Lab File: VY016754.D
Acq: 21 Dec 2023 11:16

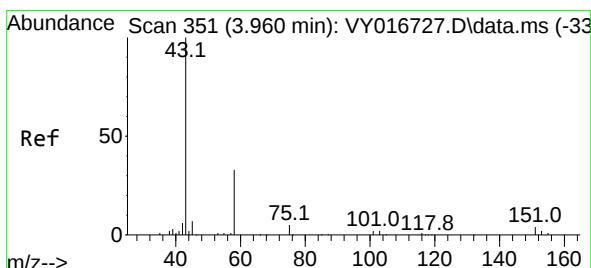
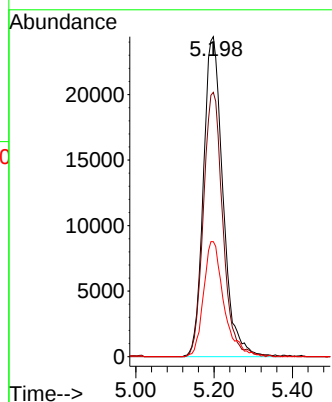
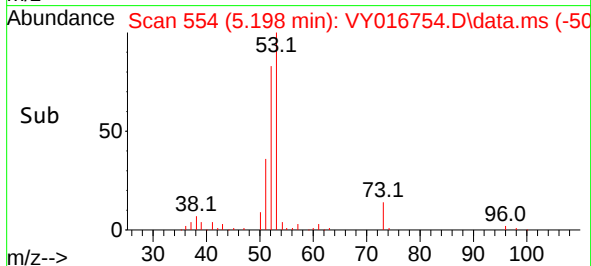
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



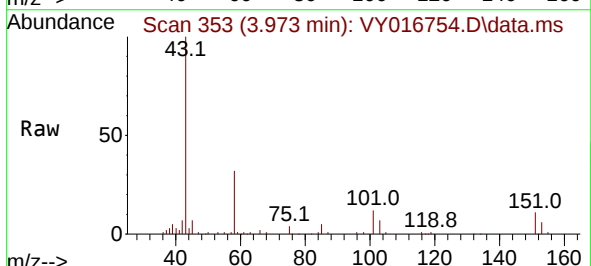
Tgt Ion: 53 Resp: 84614
Ion Ratio Lower Upper
53 100
52 81.8 65.1 97.7
51 37.4 29.0 43.4

Manual Integrations
APPROVED

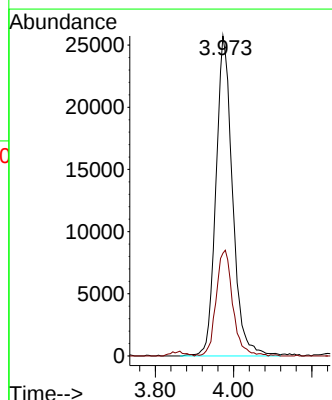
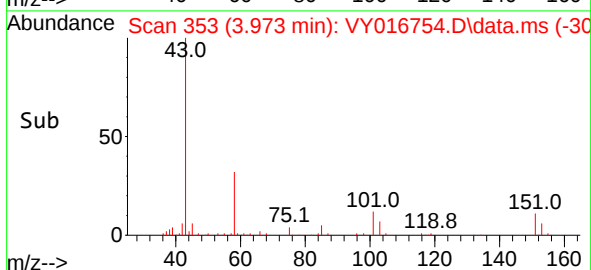
Reviewed By :Mahesh Dadoda 12/22/2023
Supervised By :Semsettin Yesilyurt 12/22/2023

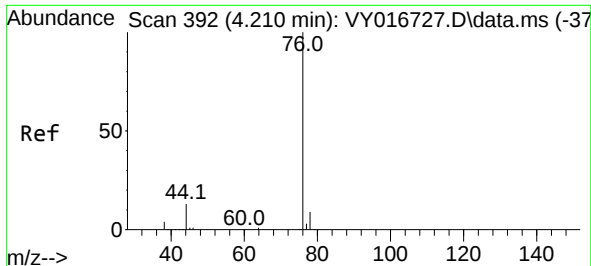


#16
Acetone
Concen: 206.635 ug/l
RT: 3.973 min Scan# 353
Delta R.T. 0.013 min
Lab File: VY016754.D
Acq: 21 Dec 2023 11:16



Tgt Ion: 43 Resp: 75911
Ion Ratio Lower Upper
43 100
58 32.1 26.6 39.8





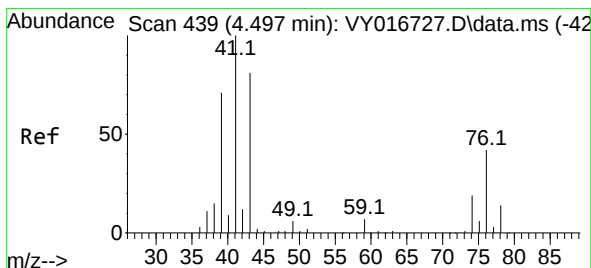
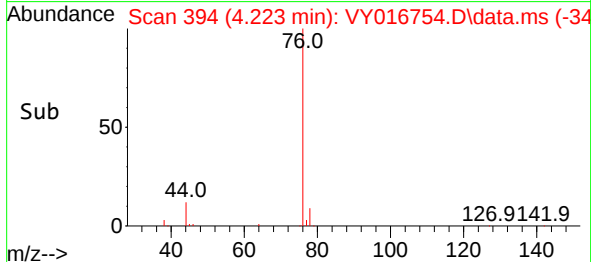
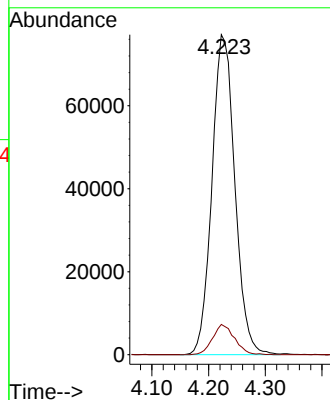
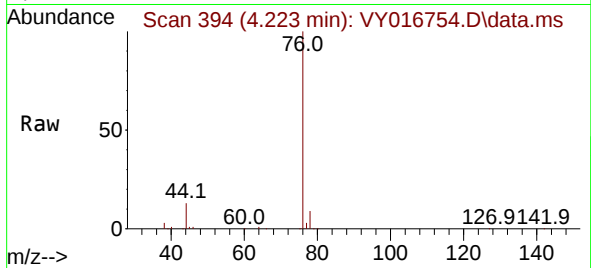
#17
Carbon Disulfide
Concen: 56.545 ug/l
RT: 4.223 min Scan# 392
Delta R.T. 0.013 min
Lab File: VY016754.D
Acq: 21 Dec 2023 11:16

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 21615
Ion Ratio Lower Upper
76 100
78 9.5 7.4 11.0

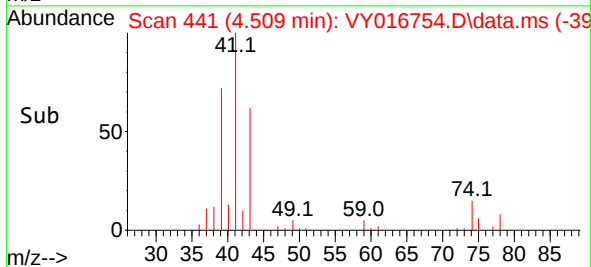
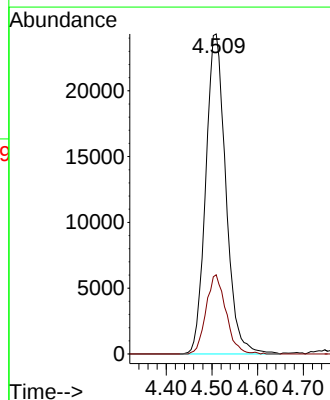
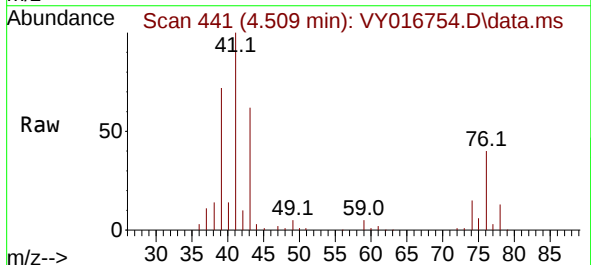
Manual Integrations
APPROVED

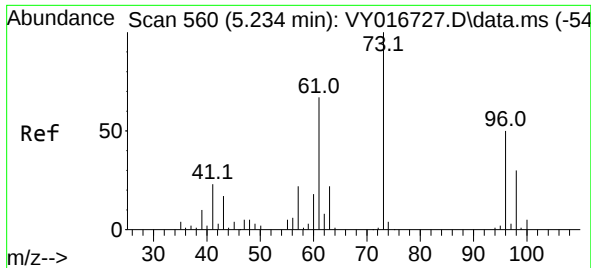
Reviewed By :Mahesh Dadoda 12/22/2023
Supervised By :Semsettin Yesilyurt 12/22/2023



#18
Methyl Acetate
Concen: 51.671 ug/l
RT: 4.509 min Scan# 441
Delta R.T. 0.012 min
Lab File: VY016754.D
Acq: 21 Dec 2023 11:16

Tgt Ion: 43 Resp: 74183
Ion Ratio Lower Upper
43 100
74 24.5 19.8 29.6





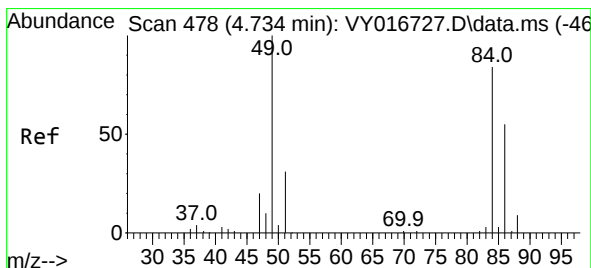
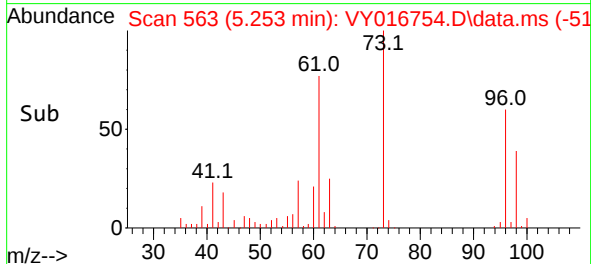
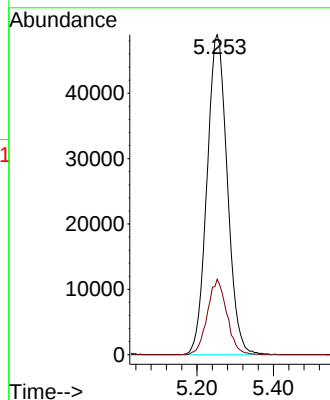
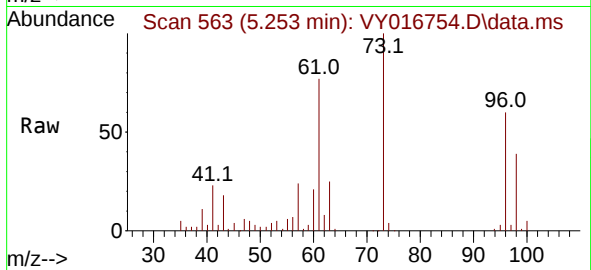
#19
Methyl tert-butyl Ether
Concen: 50.029 ug/l
RT: 5.253 min Scan# 501
Delta R.T. 0.018 min
Lab File: VY016754.D
Acq: 21 Dec 2023 11:16

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 180852
Ion Ratio Lower Upper
73 100
57 23.6 17.7 26.5

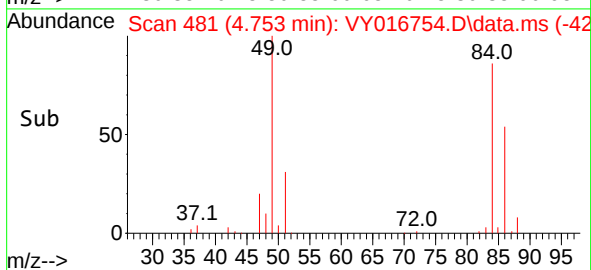
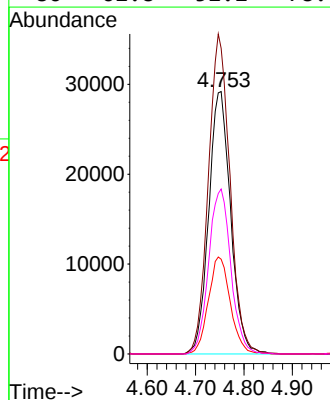
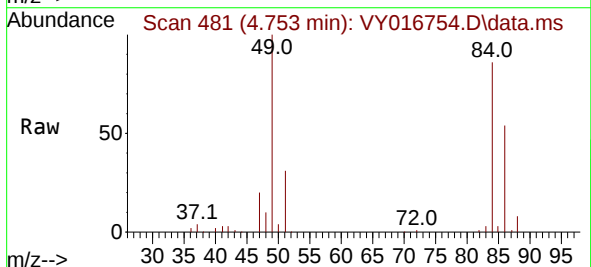
Manual Integrations
APPROVED

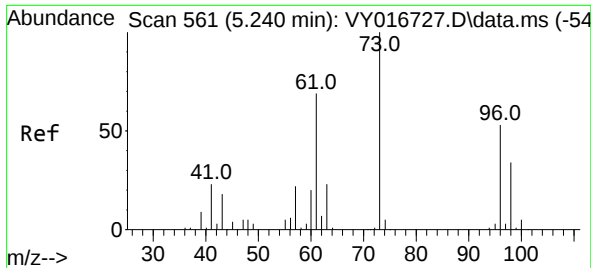
Reviewed By :Mahesh Dadoda 12/22/2023
Supervised By :Semsettin Yesilyurt 12/22/2023



#20
Methylene Chloride
Concen: 49.745 ug/l
RT: 4.753 min Scan# 481
Delta R.T. 0.019 min
Lab File: VY016754.D
Acq: 21 Dec 2023 11:16

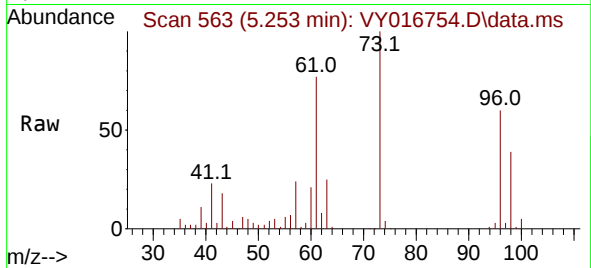
Tgt Ion: 84 Resp: 91870
Ion Ratio Lower Upper
84 100
49 116.4 95.2 142.8
51 36.1 29.9 44.9
86 62.8 52.2 78.4





#21
trans-1,2-Dichloroethene
Concen: 55.966 ug/l
RT: 5.253 min Scan# 50
Delta R.T. 0.012 min
Lab File: VY016754.D
Acq: 21 Dec 2023 11:16

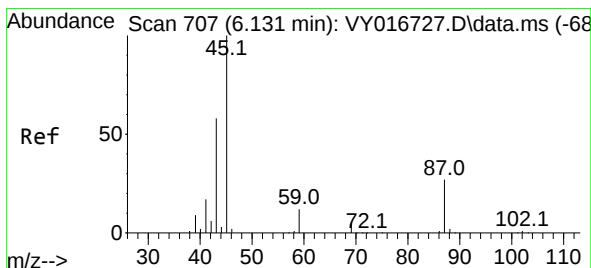
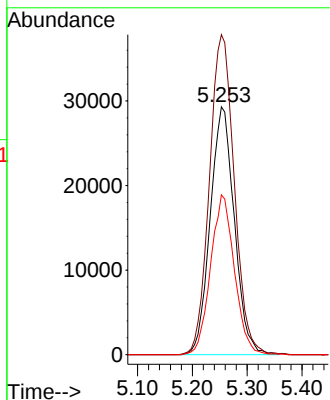
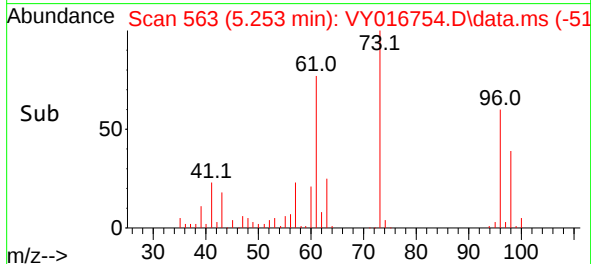
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



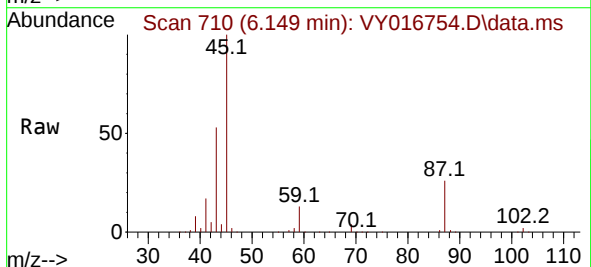
Tgt Ion: 96 Resp: 89675
Ion Ratio Lower Upper
96 100
61 129.1 104.6 156.8
98 64.5 50.9 76.3

Manual Integrations
APPROVED

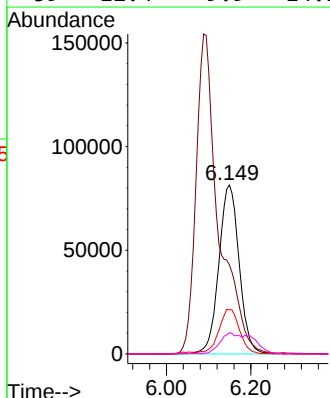
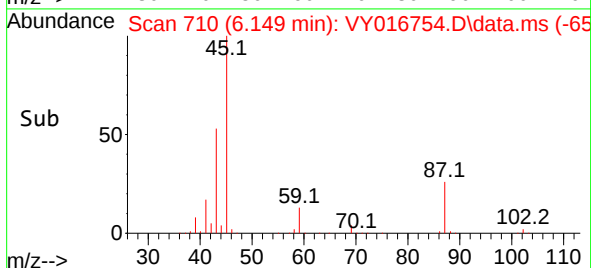
Reviewed By :Mahesh Dadoda 12/22/2023
Supervised By :Semsettin Yesilyurt 12/22/2023

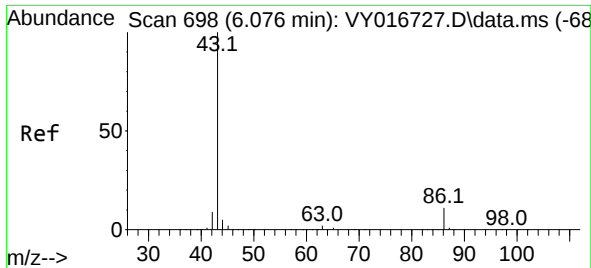


#22
Diisopropyl ether
Concen: 55.758 ug/l
RT: 6.149 min Scan# 710
Delta R.T. 0.018 min
Lab File: VY016754.D
Acq: 21 Dec 2023 11:16



Tgt Ion: 45 Resp: 271449
Ion Ratio Lower Upper
45 100
43 52.2 46.8 70.2
87 26.2 22.2 33.2
59 12.4 9.9 14.9





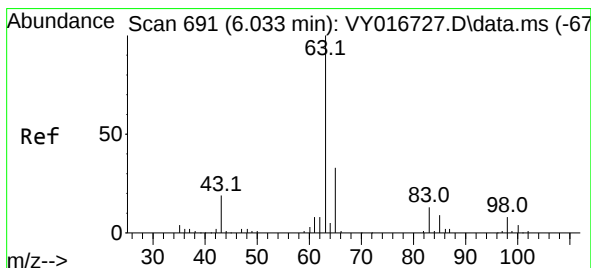
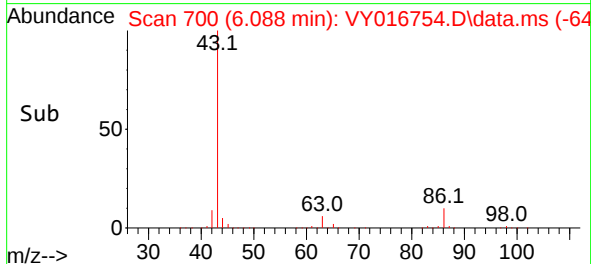
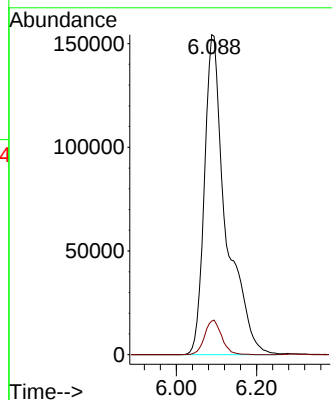
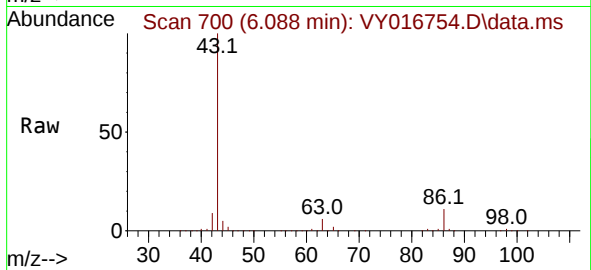
#23
 Vinyl Acetate
 Concen: 250.196 ug/l
 RT: 6.088 min Scan# 700
 Delta R.T. 0.012 min
 Lab File: VY016754.D
 Acq: 21 Dec 2023 11:16

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 576079
 Ion Ratio Lower Upper
 43 100
 86 10.5 8.6 13.0

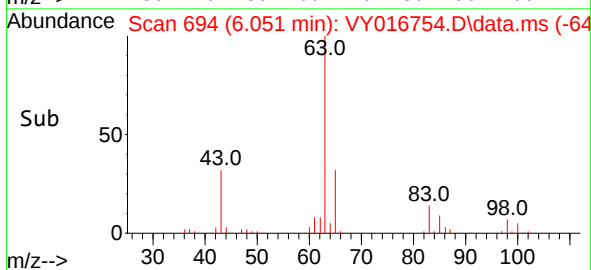
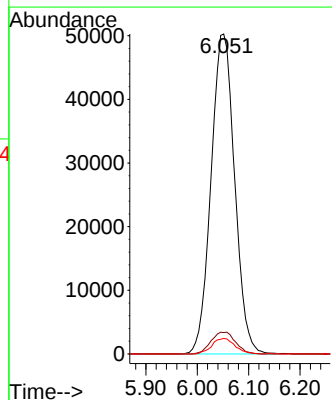
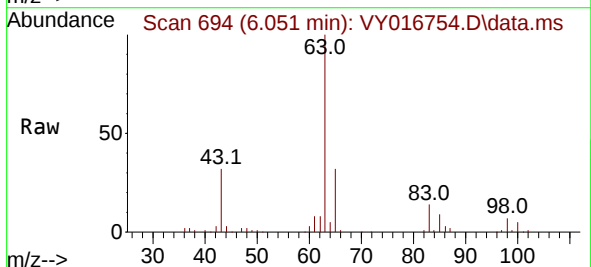
Manual Integrations
 APPROVED

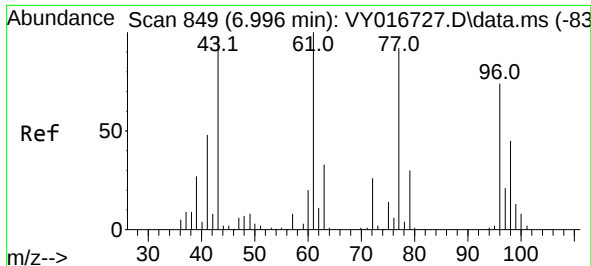
Reviewed By :Mahesh Dadoda 12/22/2023
 Supervised By :Semsettin Yesilyurt 12/22/2023



#24
 1,1-Dichloroethane
 Concen: 54.767 ug/l
 RT: 6.051 min Scan# 694
 Delta R.T. 0.018 min
 Lab File: VY016754.D
 Acq: 21 Dec 2023 11:16

Tgt Ion: 63 Resp: 160166
 Ion Ratio Lower Upper
 63 100
 98 6.7 3.8 11.4
 100 4.9 2.1 6.2





#25

2-Butanone

Concen: 215.478 ug/l

RT: 7.015 min Scan# 852

Delta R.T. 0.019 min

Lab File: VY016754.D

Acq: 21 Dec 2023 11:16

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 108988

Ion Ratio Lower Upper

43 100

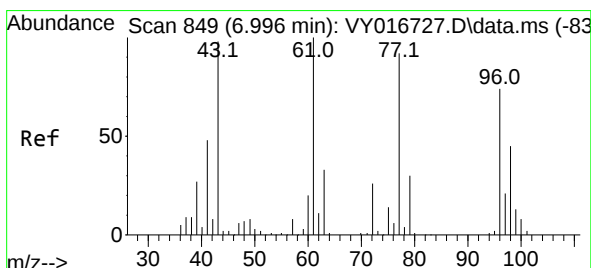
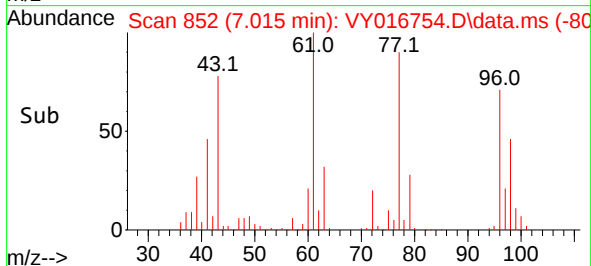
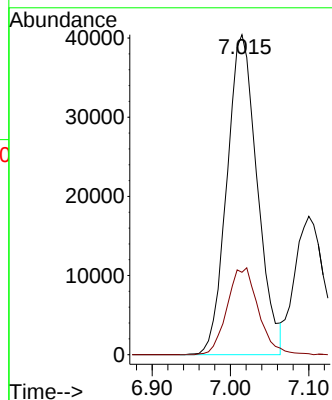
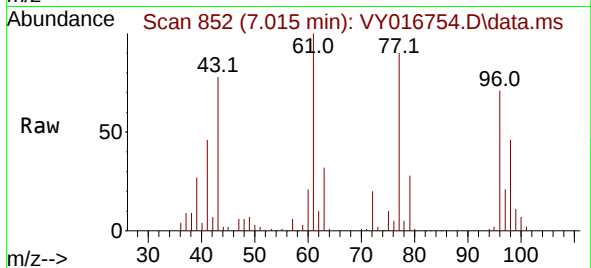
72 25.8 21.4 32.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/22/2023

Supervised By :Semsettin Yesilyurt 12/22/2023



#26

2,2-Dichloropropane

Concen: 54.756 ug/l

RT: 7.015 min Scan# 852

Delta R.T. 0.018 min

Lab File: VY016754.D

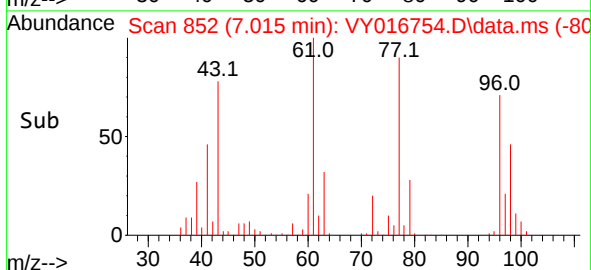
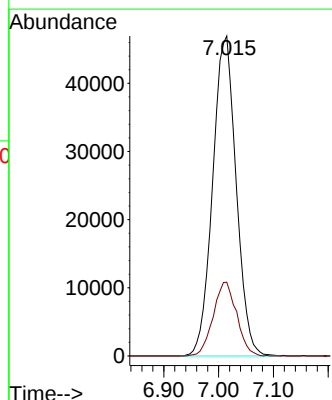
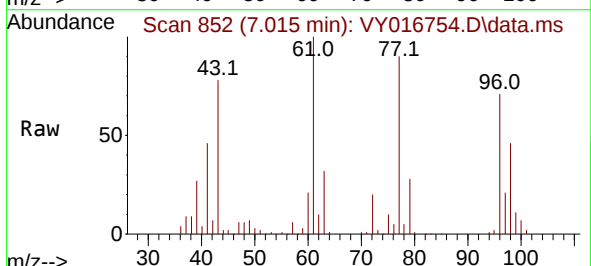
Acq: 21 Dec 2023 11:16

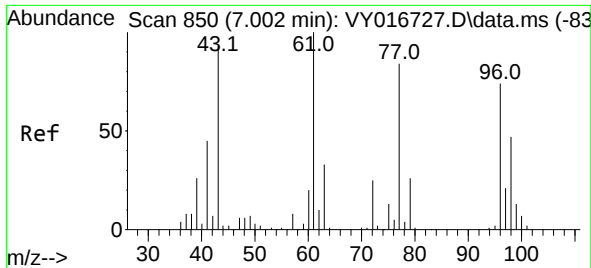
Tgt Ion: 77 Resp: 139741

Ion Ratio Lower Upper

77 100

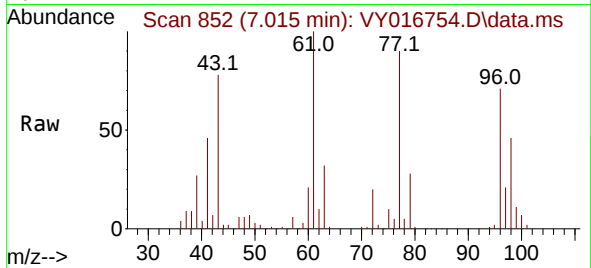
97 23.1 11.7 35.0





#27
cis-1,2-Dichloroethene
Concen: 54.805 ug/l
RT: 7.015 min Scan# 810
Delta R.T. 0.012 min
Lab File: VY016754.D
Acq: 21 Dec 2023 11:16

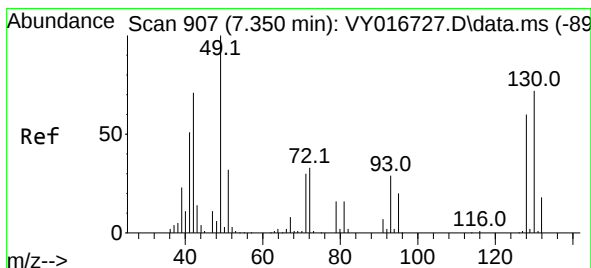
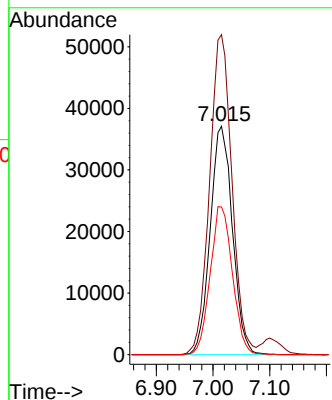
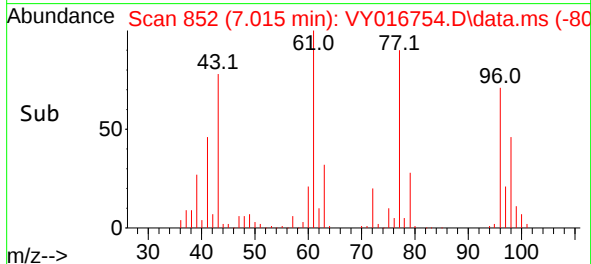
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 96 Resp: 10106
Ion Ratio Lower Upper
96 100
61 140.7 0.0 278.8
98 64.7 0.0 127.0

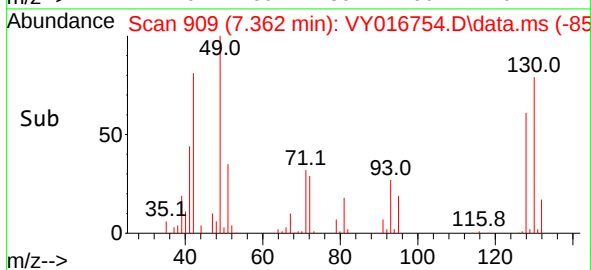
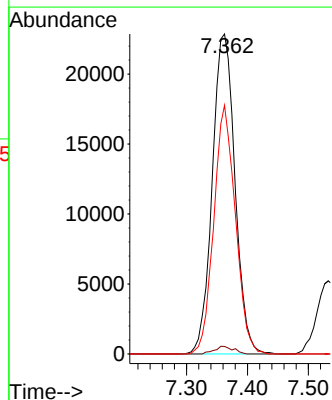
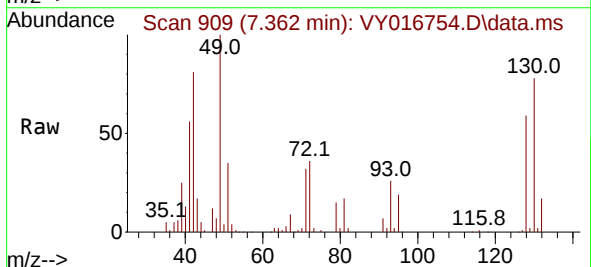
Manual Integrations
APPROVED

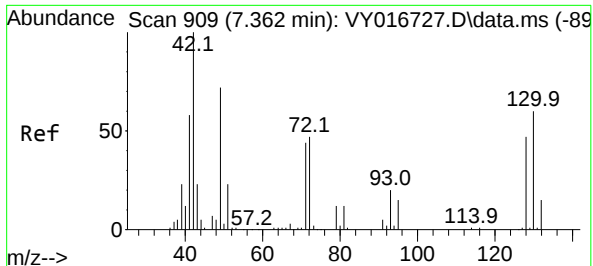
Reviewed By :Mahesh Dadoda 12/22/2023
Supervised By :Semsettin Yesilyurt 12/22/2023



#28
Bromochloromethane
Concen: 51.124 ug/l
RT: 7.362 min Scan# 909
Delta R.T. 0.012 min
Lab File: VY016754.D
Acq: 21 Dec 2023 11:16

Tgt Ion: 49 Resp: 59176
Ion Ratio Lower Upper
49 100
129 2.0 0.0 3.8
130 74.0 59.8 89.8





#29

Tetrahydrofuran

Concen: 243.426 ug/l

RT: 7.374 min Scan# 911

Delta R.T. 0.012 min

Lab File: VY016754.D

Acq: 21 Dec 2023 11:16

Instrument :

MSVOA_Y

ClientSampleId :

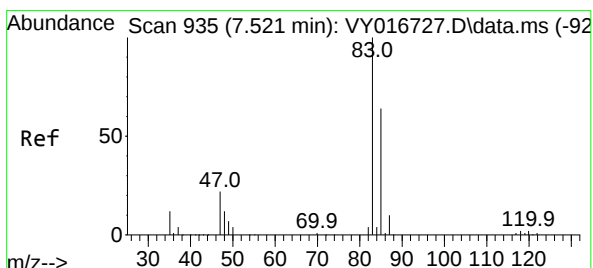
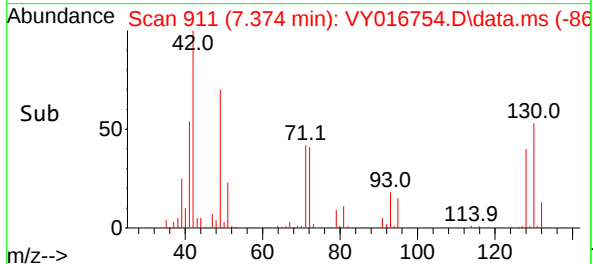
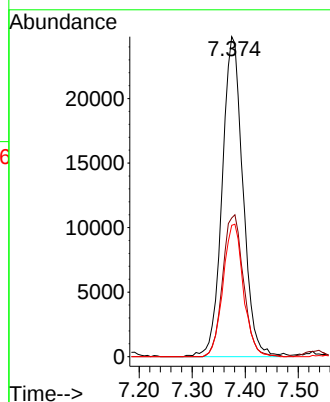
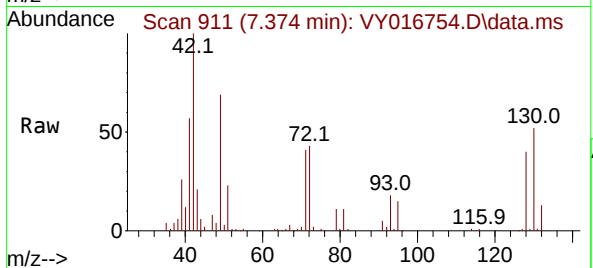
VSTDCCC050

Tgt Ion:	42	Resp:	67324
Ion	Ratio	Lower	Upper
42	100		
72	44.6	36.6	54.8
71	40.7	33.8	50.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/22/2023
Supervised By :Semsettin Yesilyurt 12/22/2023



#30

Chloroform

Concen: 54.472 ug/l

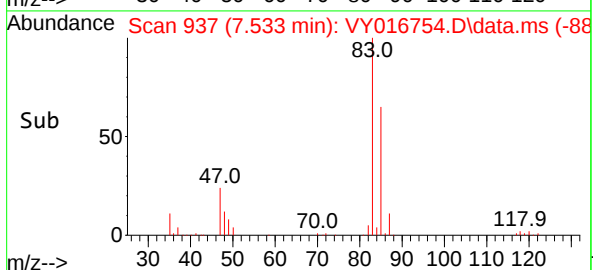
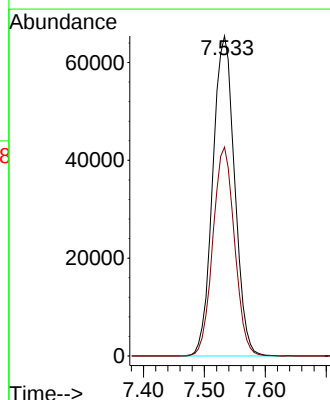
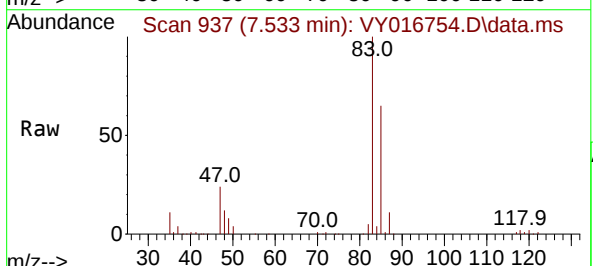
RT: 7.533 min Scan# 937

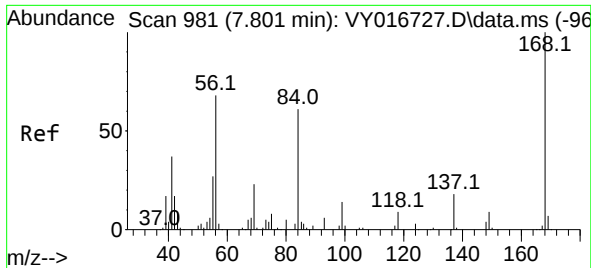
Delta R.T. 0.012 min

Lab File: VY016754.D

Acq: 21 Dec 2023 11:16

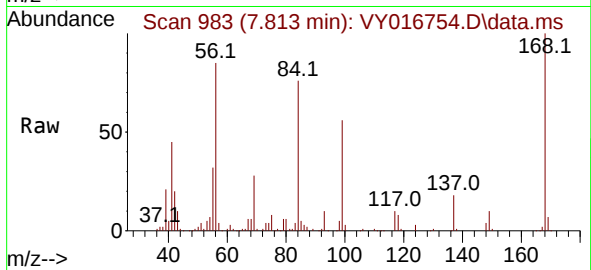
Tgt Ion:	83	Resp:	163078
Ion	Ratio	Lower	Upper
83	100		
85	65.2	51.2	76.8





#31
Cyclohexane
Concen: 53.238 ug/l
RT: 7.813 min Scan# 911
Delta R.T. 0.012 min
Lab File: VY016754.D
Acq: 21 Dec 2023 11:16

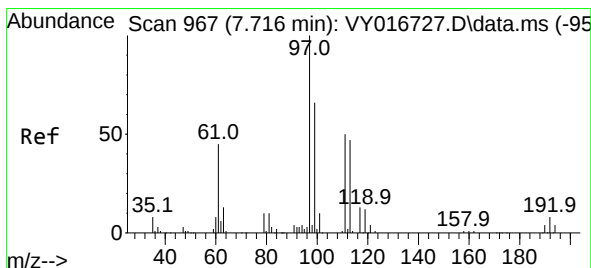
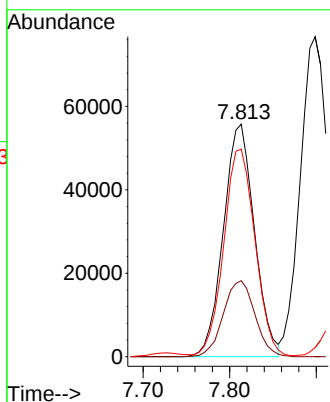
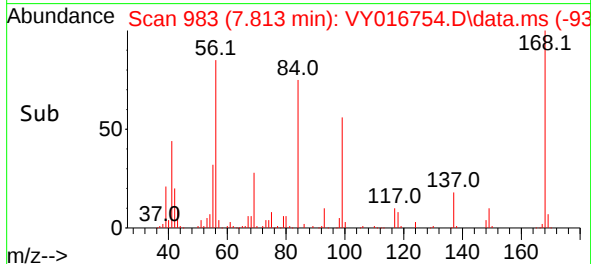
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



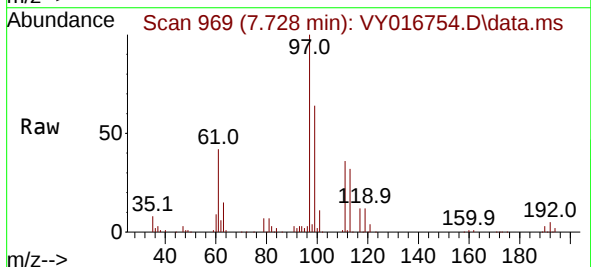
Tgt Ion: 56 Resp: 138579
Ion Ratio Lower Upper
56 100
69 32.7 27.0 40.6
84 88.2 71.8 107.6

Manual Integrations
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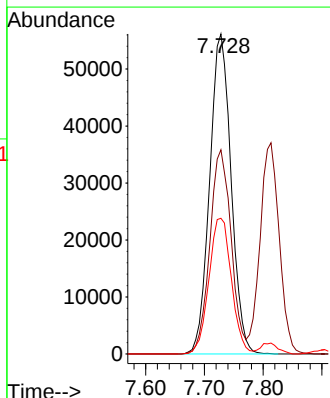
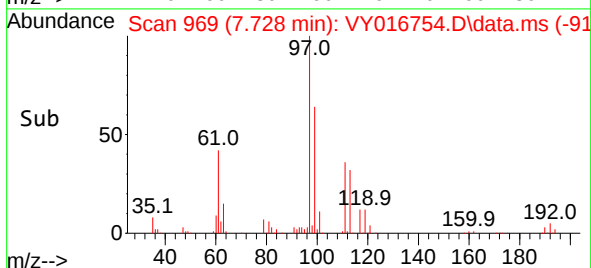
Reviewed By :Mahesh Dadoda 12/22/2023
Supervised By :Semsettin Yesilyurt 12/22/2023

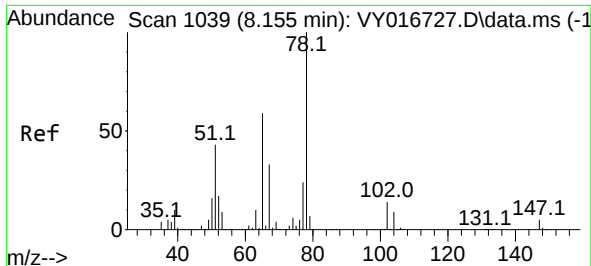


#32
1,1,1-Trichloroethane
Concen: 54.126 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.012 min
Lab File: VY016754.D
Acq: 21 Dec 2023 11:16



Tgt Ion: 97 Resp: 142238
Ion Ratio Lower Upper
97 100
99 63.6 51.2 76.8
61 44.6 35.0 52.6





#33

1,2-Dichloroethane-d4

Concen: 42.956 ug/l

RT: 8.167 min Scan# 1130

Delta R.T. 0.012 min

Lab File: VY016754.D

Acq: 21 Dec 2023 11:16

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 5835

Ion Ratio Lower Upper

65 100

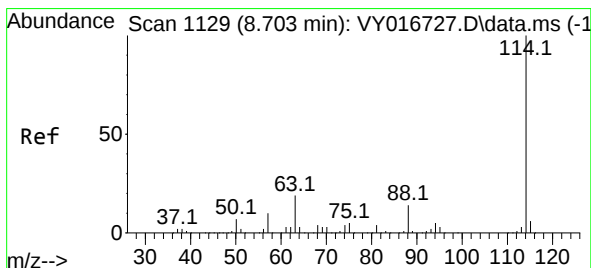
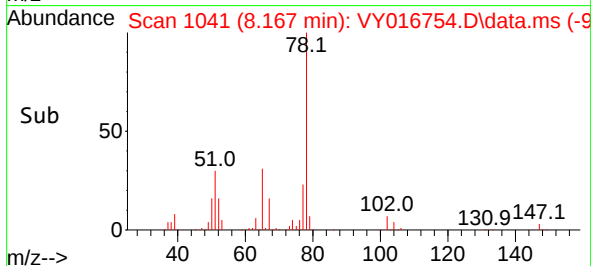
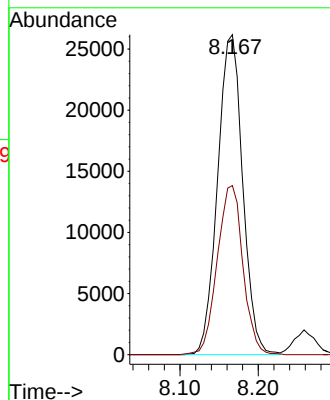
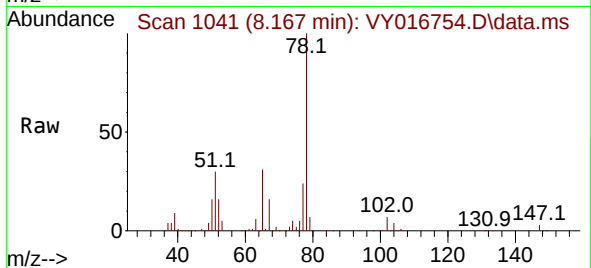
67 54.0 0.0 109.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/22/2023

Supervised By :Semsettin Yesilyurt 12/22/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.710 min Scan# 1130

Delta R.T. 0.007 min

Lab File: VY016754.D

Acq: 21 Dec 2023 11:16

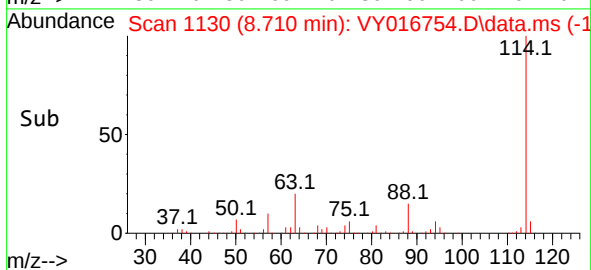
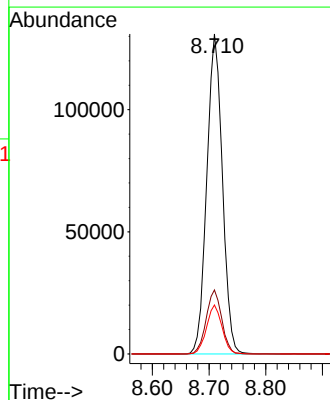
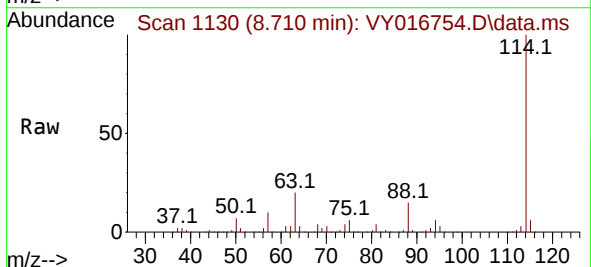
Tgt Ion:114 Resp: 250115

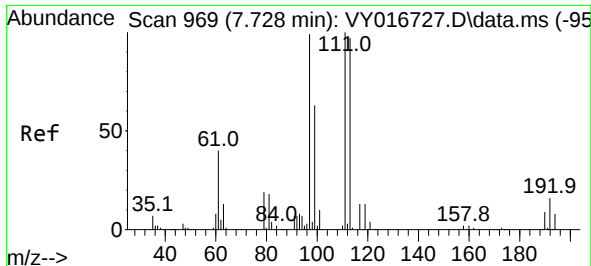
Ion Ratio Lower Upper

114 100

63 20.0 0.0 37.4

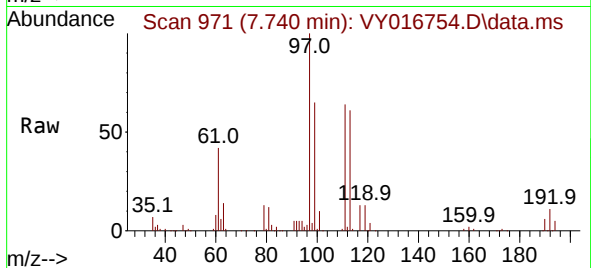
88 15.3 0.0 29.0





#35
Dibromofluoromethane
Concen: 43.824 ug/l
RT: 7.740 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY016754.D
Acq: 21 Dec 2023 11:16

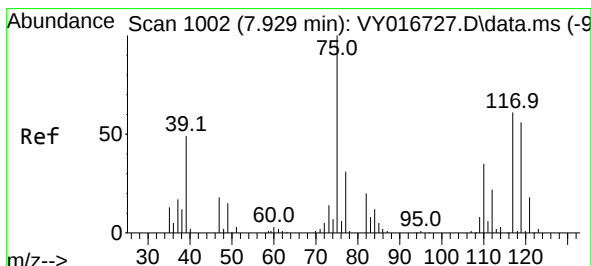
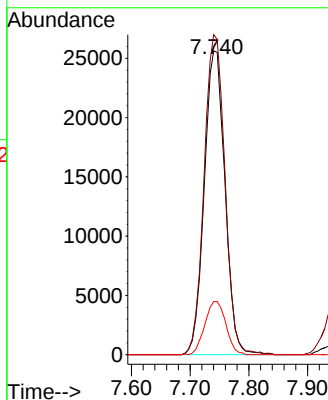
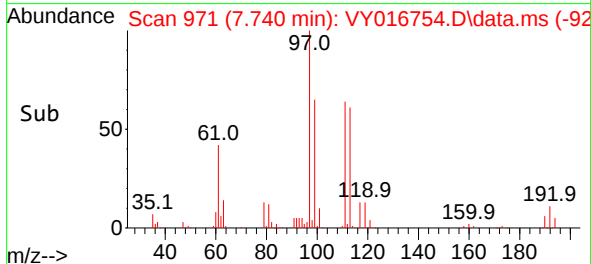
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



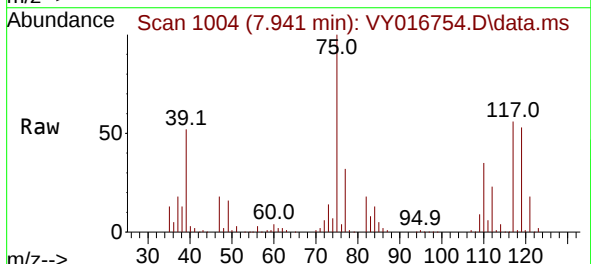
Tgt Ion:113 Resp: 6278
Ion Ratio Lower Upper
113 100
111 105.8 83.8 125.6
192 17.8 14.5 21.7

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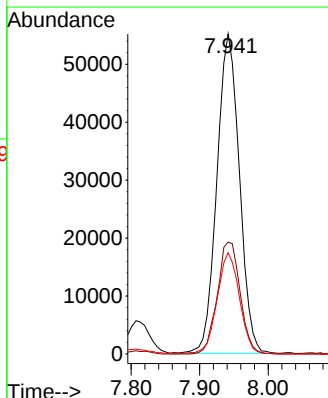
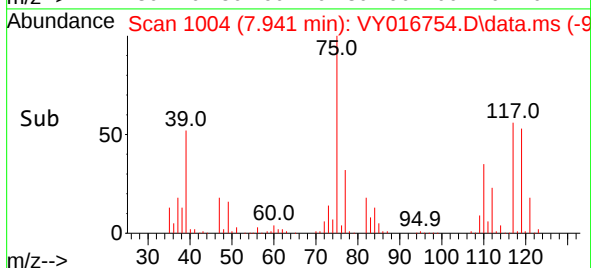
Reviewed By :Mahesh Dadoda 12/22/2023
Supervised By :Semsettin Yesilyurt 12/22/2023

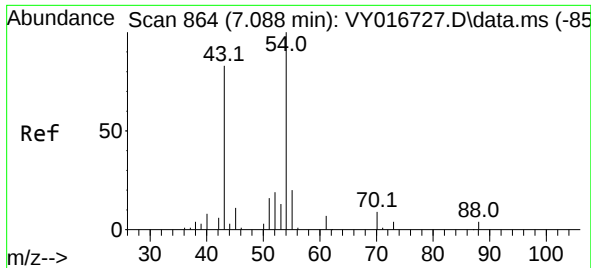


#36
1,1-Dichloropropene
Concen: 54.658 ug/l
RT: 7.941 min Scan# 1004
Delta R.T. 0.012 min
Lab File: VY016754.D
Acq: 21 Dec 2023 11:16



Tgt Ion: 75 Resp: 125544
Ion Ratio Lower Upper
75 100
110 35.4 17.4 52.3
77 31.5 24.7 37.1





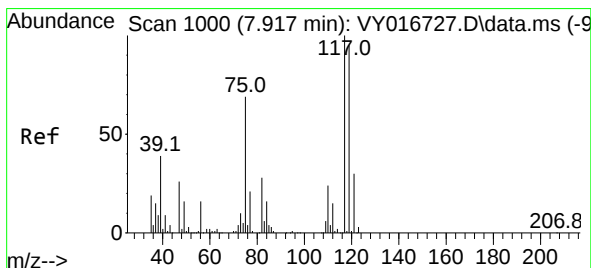
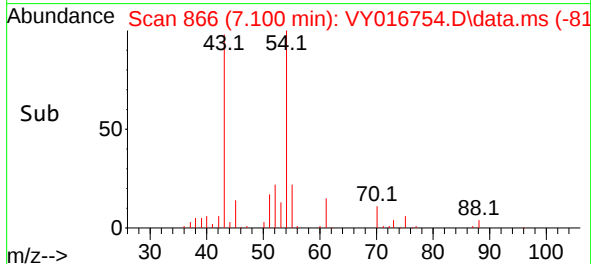
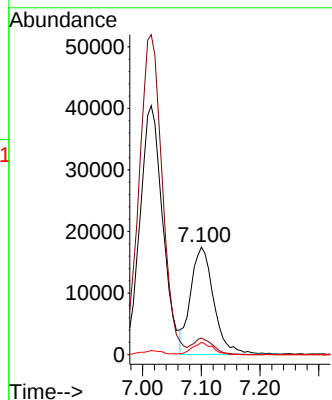
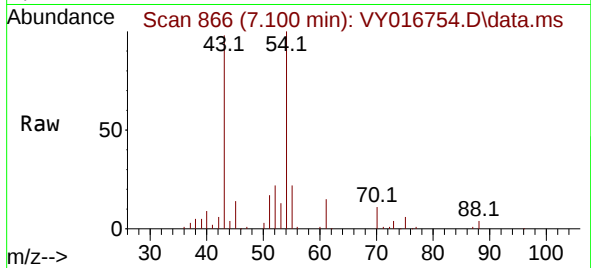
#37
Ethyl Acetate
Concen: 48.352 ug/l
RT: 7.100 min Scan# 80
Delta R.T. 0.012 min
Lab File: VY016754.D
Acq: 21 Dec 2023 11:16

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 47602
Ion Ratio Lower Upper
43 100
61 13.6 11.0 16.6
70 10.1 8.1 12.1

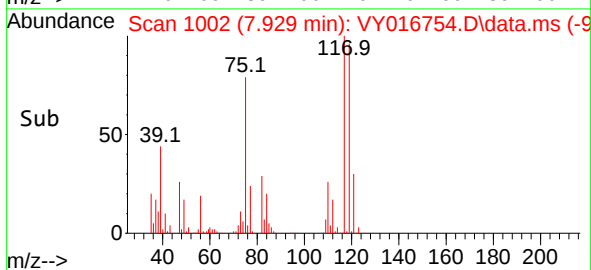
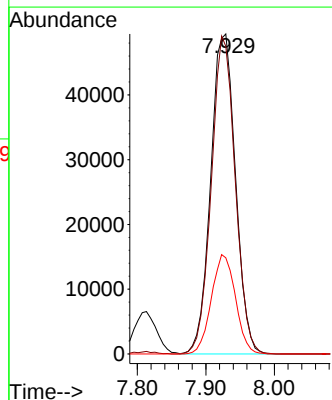
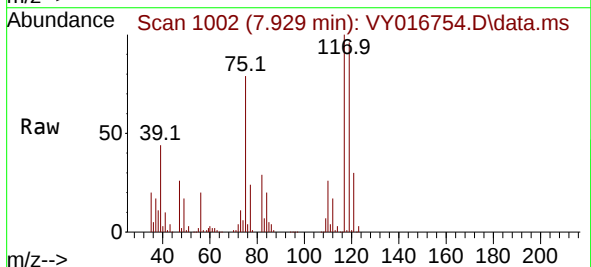
Manual Integrations
APPROVED

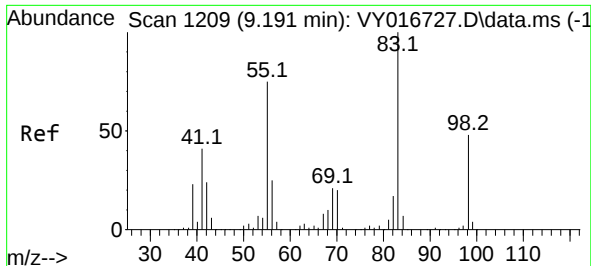
Reviewed By :Mahesh Dadoda 12/22/2023
Supervised By :Semsettin Yesilyurt 12/22/2023



#38
Carbon Tetrachloride
Concen: 54.574 ug/l
RT: 7.929 min Scan# 1002
Delta R.T. 0.012 min
Lab File: VY016754.D
Acq: 21 Dec 2023 11:16

Tgt Ion:117 Resp: 124038
Ion Ratio Lower Upper
117 100
119 96.1 76.0 114.0
121 30.1 24.2 36.2





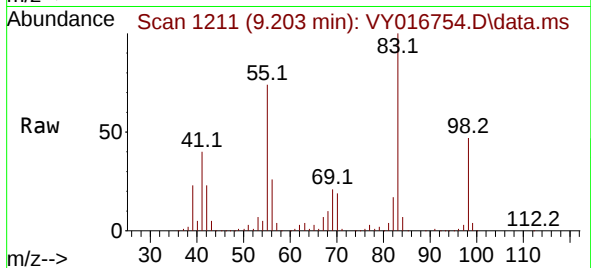
#39
Methylcyclohexane
Concen: 57.114 ug/l
RT: 9.203 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY016754.D
Acq: 21 Dec 2023 11:16

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

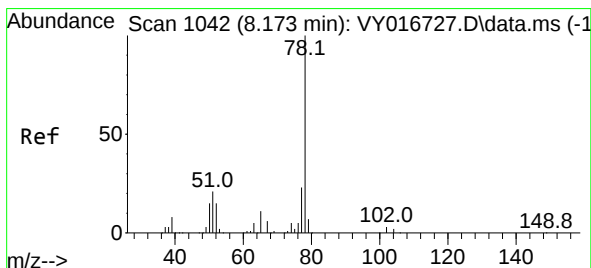
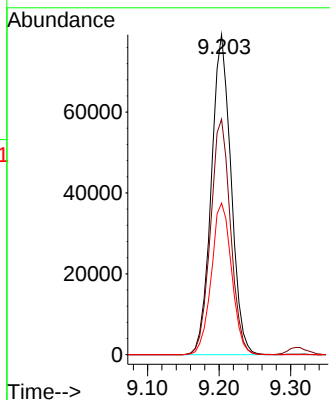
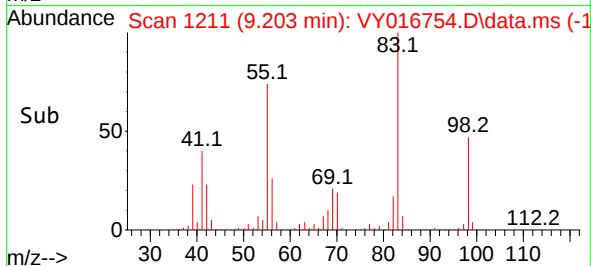


Tgt Ion: 83 Resp: 15146
Ion Ratio Lower Upper
83 100
55 73.6 59.7 89.5
98 47.4 38.0 57.0

Manual Integrations

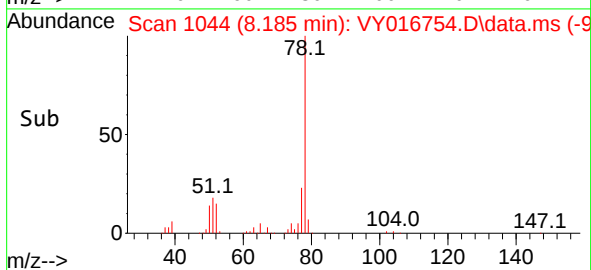
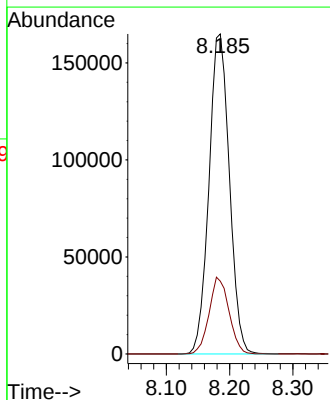
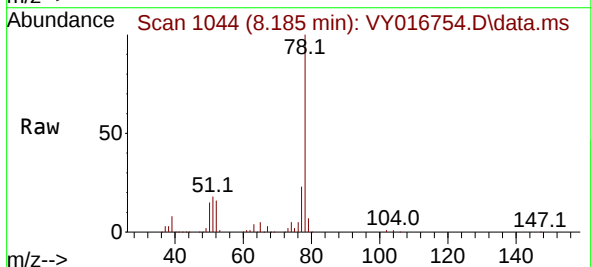
APPROVED

Reviewed By :Mahesh Dadoda 12/22/2023
Supervised By :Semsettin Yesilyurt 12/22/2023



#40
Benzene
Concen: 55.260 ug/l
RT: 8.185 min Scan# 1044
Delta R.T. 0.012 min
Lab File: VY016754.D
Acq: 21 Dec 2023 11:16

Tgt Ion: 78 Resp: 369354
Ion Ratio Lower Upper
78 100
77 22.7 18.8 28.2





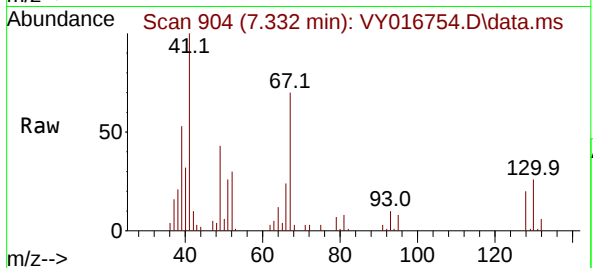
#41
Methacrylonitrile
Concen: 44.916 ug/l
RT: 7.332 min Scan# 904
Delta R.T. 0.012 min
Lab File: VY016754.D
Acq: 21 Dec 2023 11:16

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

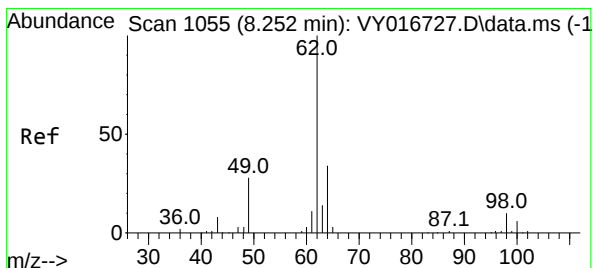
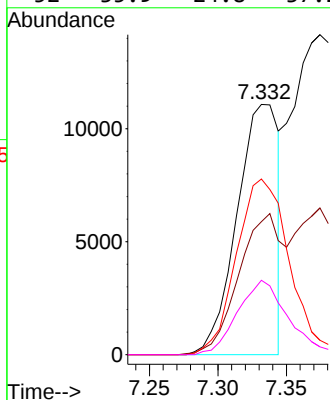
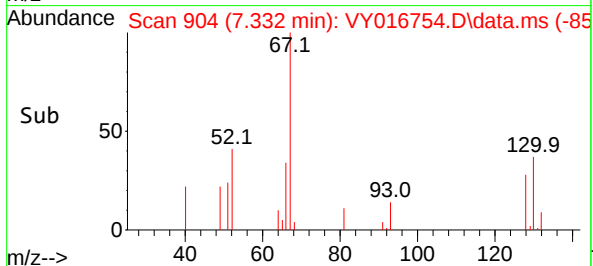


Tgt Ion: 41 Resp: 23478
Ion Ratio Lower Upper
41 100
39 60.8 41.9 62.9
67 89.1 59.8 89.6
52 35.9 24.8 37.2

Manual Integrations

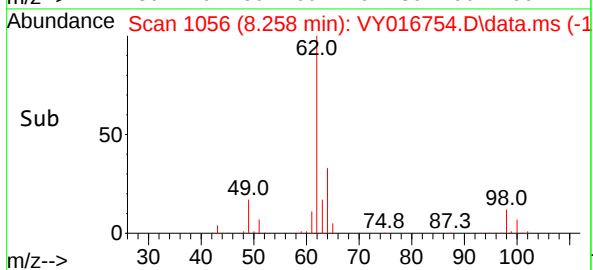
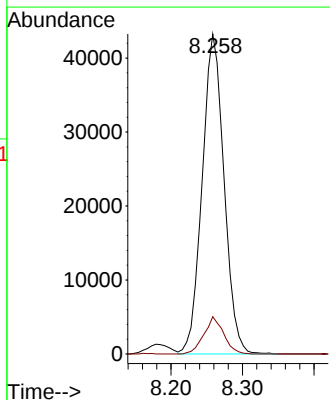
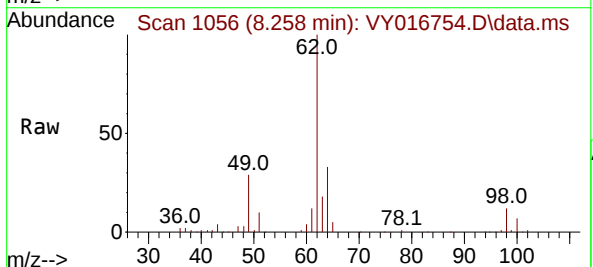
APPROVED

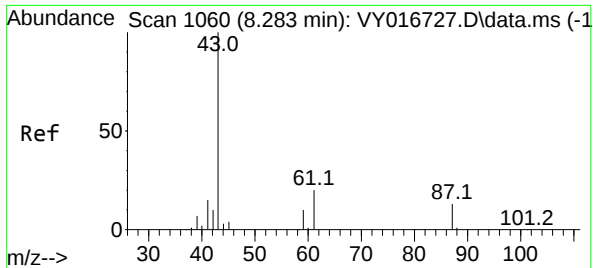
Reviewed By :Mahesh Dadoda 12/22/2023
Supervised By :Semsettin Yesilyurt 12/22/2023



#42
1,2-Dichloroethane
Concen: 52.733 ug/l
RT: 8.258 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VY016754.D
Acq: 21 Dec 2023 11:16

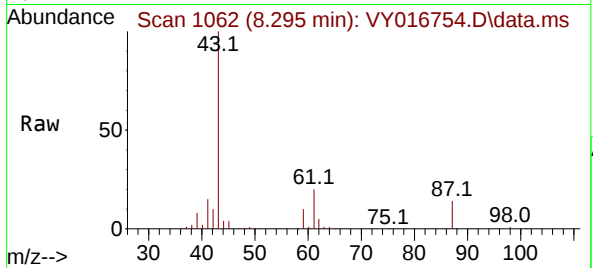
Tgt Ion: 62 Resp: 91956
Ion Ratio Lower Upper
62 100
98 10.5 0.0 20.2





#43
Isopropyl Acetate
Concen: 48.159 ug/l
RT: 8.295 min Scan# 1107
Delta R.T. 0.012 min
Lab File: VY016754.D
Acq: 21 Dec 2023 11:16

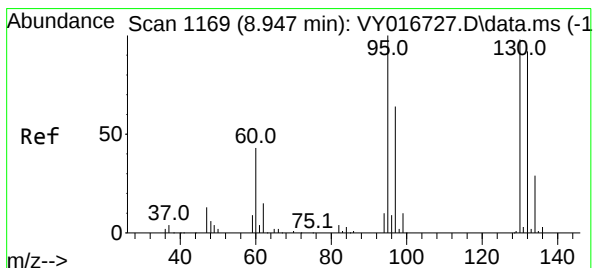
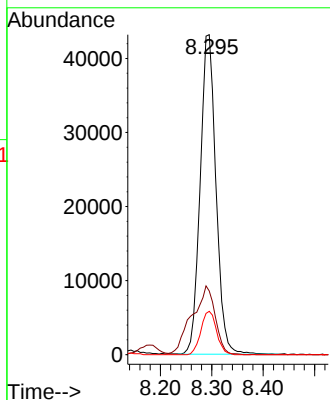
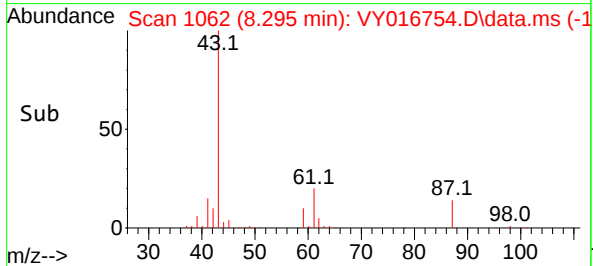
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



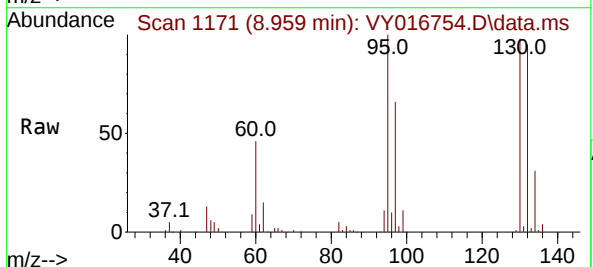
Tgt Ion: 43 Resp: 92085
Ion Ratio Lower Upper
43 100
61 31.5 24.8 37.2
87 13.5 10.7 16.1

Manual Integrations
APPROVED

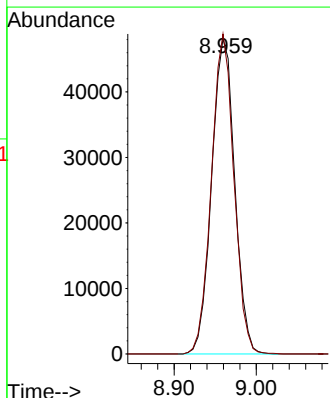
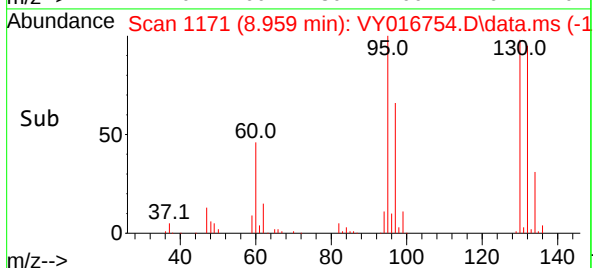
Reviewed By :Mahesh Dadoda 12/22/2023
Supervised By :Semsettin Yesilyurt 12/22/2023

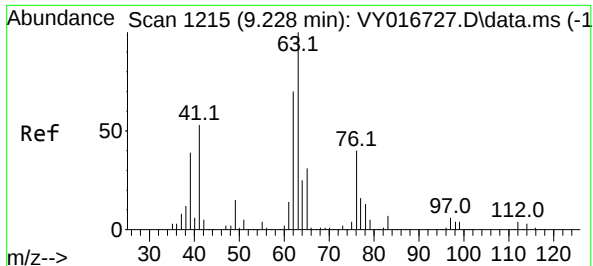


#44
Trichloroethene
Concen: 54.956 ug/l
RT: 8.959 min Scan# 1171
Delta R.T. 0.012 min
Lab File: VY016754.D
Acq: 21 Dec 2023 11:16



Tgt Ion:130 Resp: 93753
Ion Ratio Lower Upper
130 100
95 101.5 0.0 203.8





#45

1,2-Dichloropropane

Concen: 54.609 ug/l

RT: 9.234 min Scan# 1216

Delta R.T. 0.006 min

Lab File: VY016754.D

Acq: 21 Dec 2023 11:16

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 9156

Ion Ratio Lower Upper

63 100

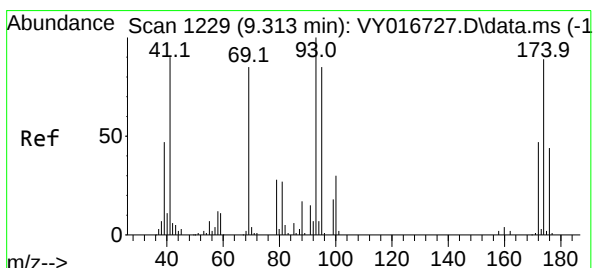
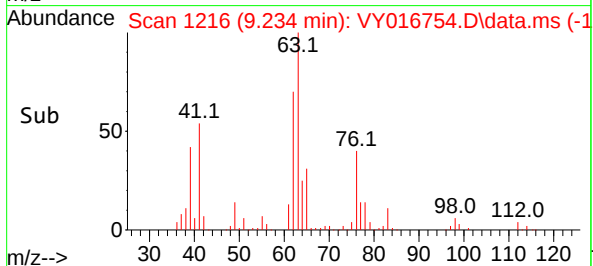
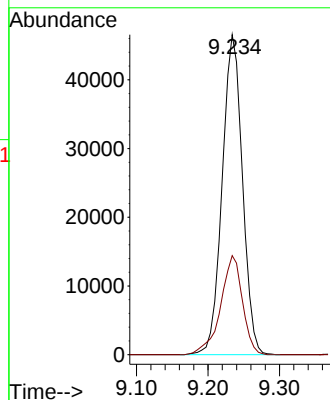
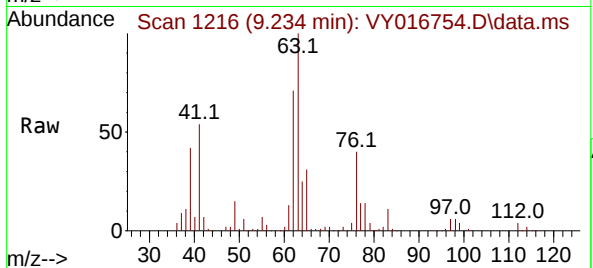
65 30.9 24.6 36.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/22/2023

Supervised By :Semsettin Yesilyurt 12/22/2023



#46

Dibromomethane

Concen: 52.123 ug/l

RT: 9.325 min Scan# 1231

Delta R.T. 0.012 min

Lab File: VY016754.D

Acq: 21 Dec 2023 11:16

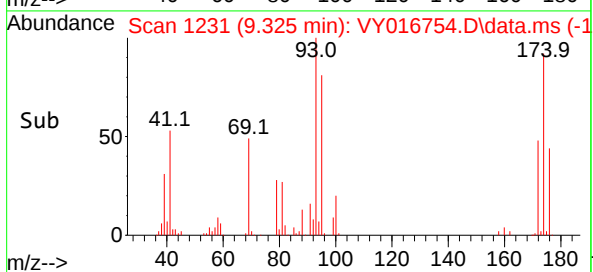
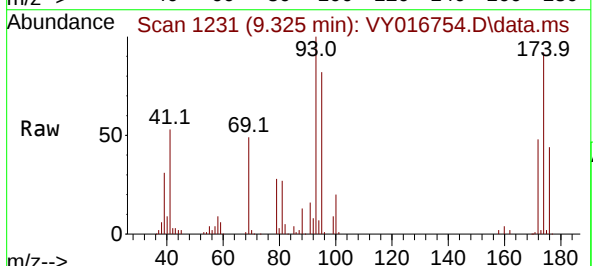
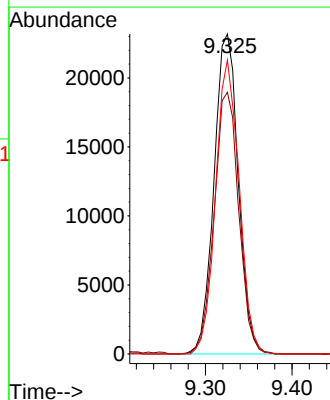
Tgt Ion: 93 Resp: 45147

Ion Ratio Lower Upper

93 100

95 82.7 66.6 99.8

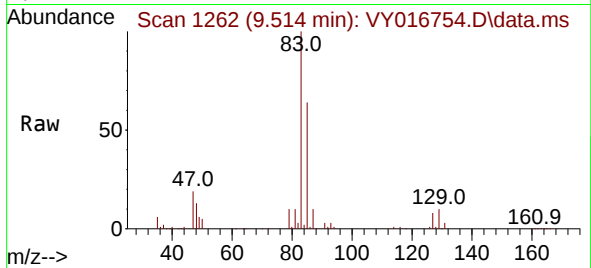
174 89.5 73.8 110.6





#47
Bromodichloromethane
Concen: 53.849 ug/l
RT: 9.514 min Scan# 1262
Delta R.T. 0.006 min
Lab File: VY016754.D
Acq: 21 Dec 2023 11:16

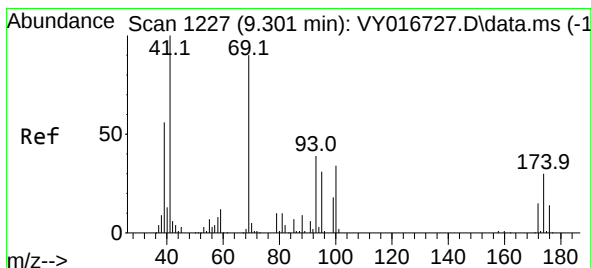
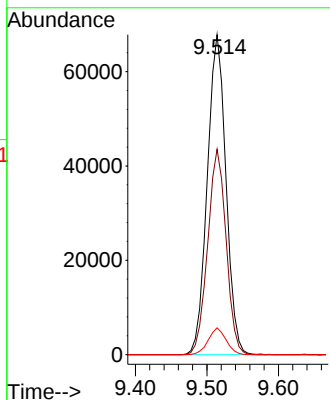
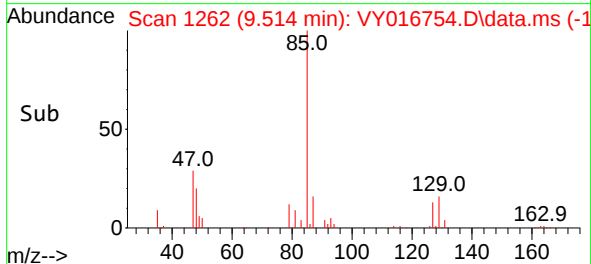
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 122934
Ion Ratio Lower Upper
83 100
85 64.2 53.2 79.8
127 8.4 6.4 9.6

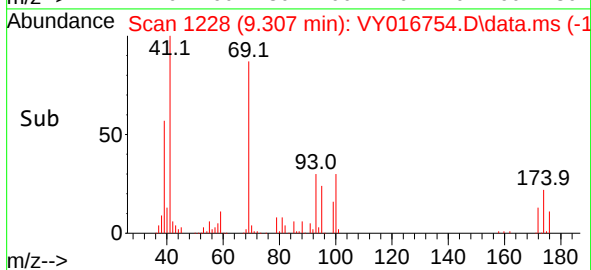
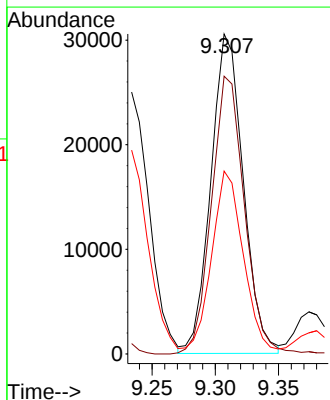
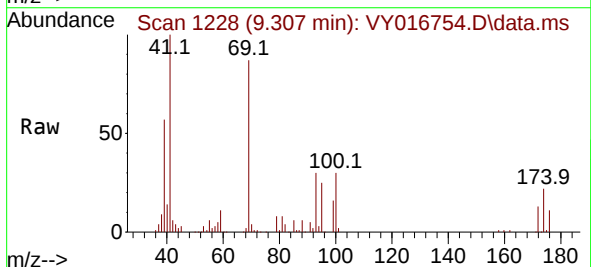
Manual Integrations
APPROVED

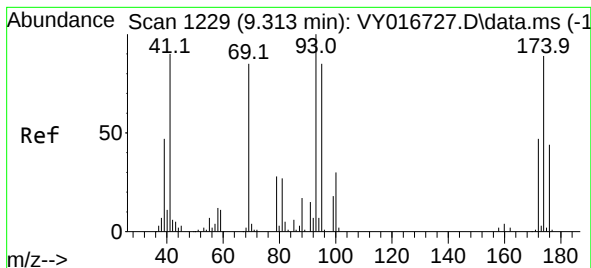
Reviewed By :Mahesh Dadoda 12/22/2023
Supervised By :Semsettin Yesilyurt 12/22/2023



#48
Methyl methacrylate
Concen: 51.180 ug/l
RT: 9.307 min Scan# 1228
Delta R.T. 0.006 min
Lab File: VY016754.D
Acq: 21 Dec 2023 11:16

Tgt Ion: 41 Resp: 54389
Ion Ratio Lower Upper
41 100
69 88.7 72.1 108.1
39 53.2 42.8 64.2





#49

1,4-Dioxane

Concen: 994.301 ug/l

RT: 9.319 min Scan# 1229

Delta R.T. 0.006 min

Lab File: VY016754.D

Acq: 21 Dec 2023 11:16

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 88 Resp: 835

Ion Ratio Lower Upper

88 100

43 35.0 28.2 42.4

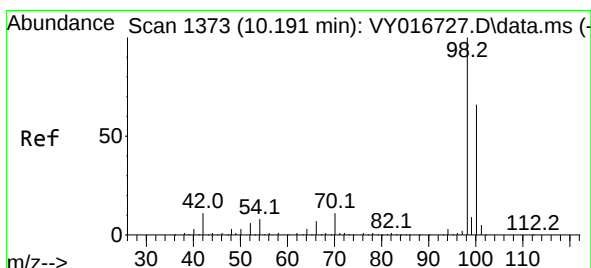
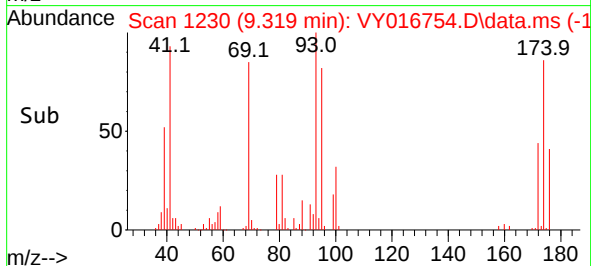
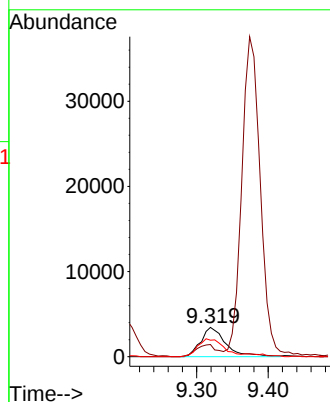
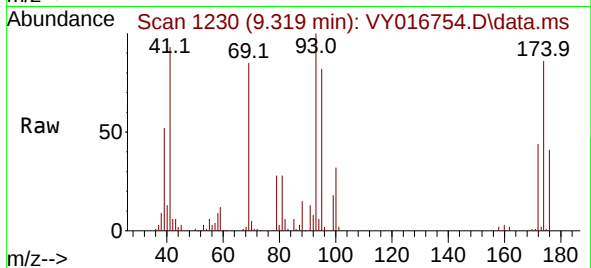
58 62.0 52.2 78.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/22/2023

Supervised By :Semsettin Yesilyurt 12/22/2023



#50

Toluene-d8

Concen: 45.628 ug/l

RT: 10.197 min Scan# 1374

Delta R.T. 0.006 min

Lab File: VY016754.D

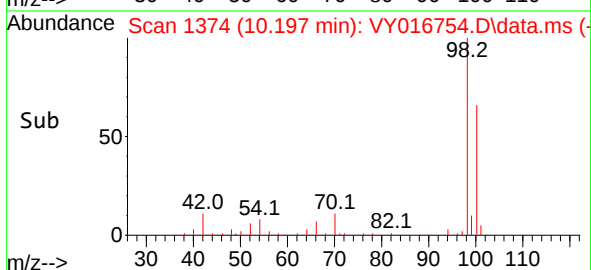
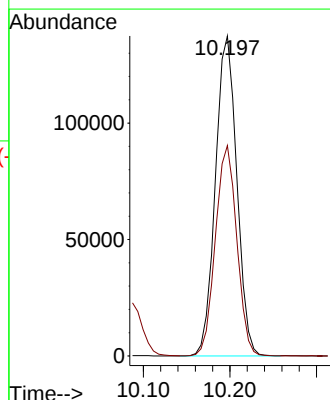
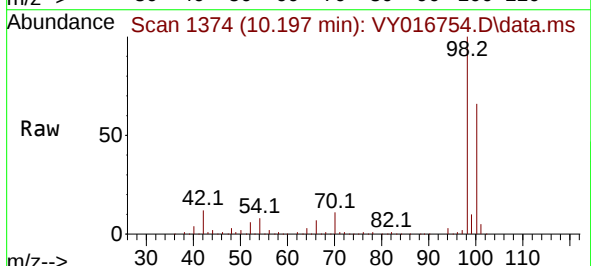
Acq: 21 Dec 2023 11:16

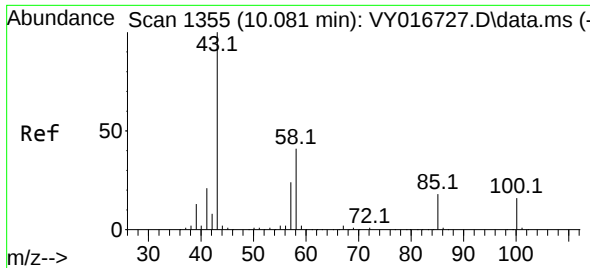
Tgt Ion: 98 Resp: 235659

Ion Ratio Lower Upper

98 100

100 65.9 52.3 78.5





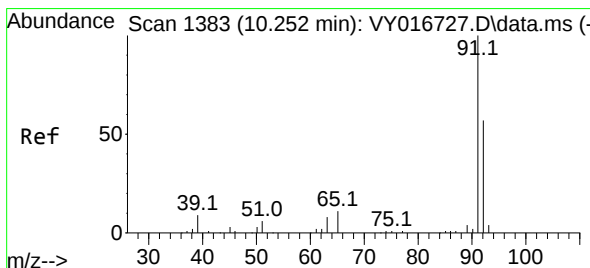
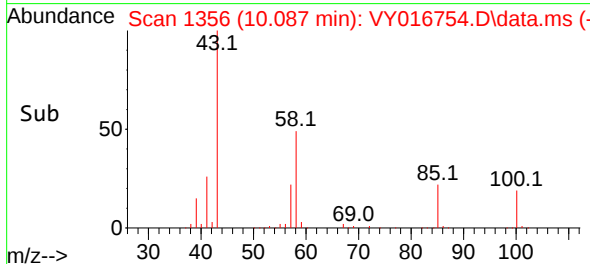
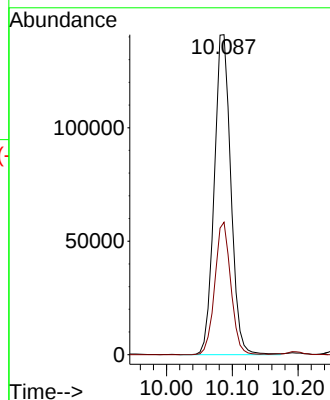
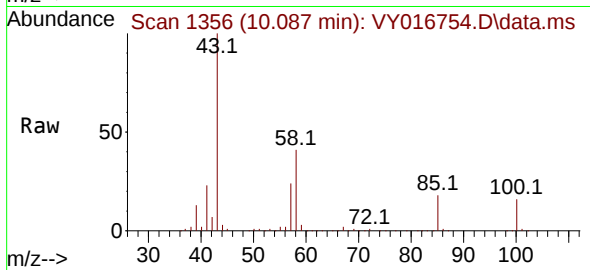
#51
4-Methyl-2-Pentanone
Concen: 243.191 ug/l
RT: 10.087 min Scan# 1355
Delta R.T. 0.006 min
Lab File: VY016754.D
Acq: 21 Dec 2023 11:16

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 24776
Ion Ratio Lower Upper
43 100
58 39.9 32.2 48.2

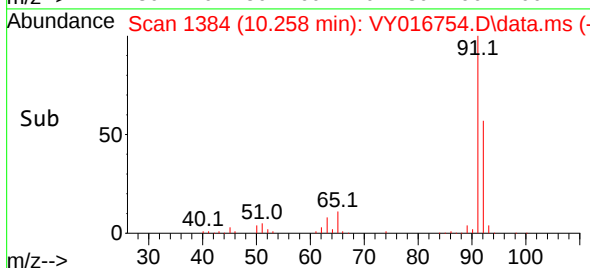
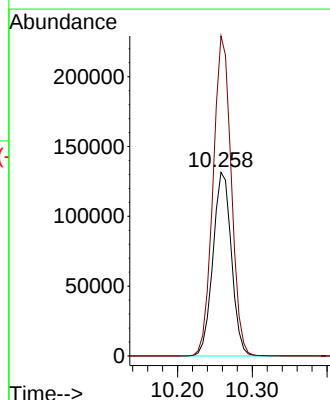
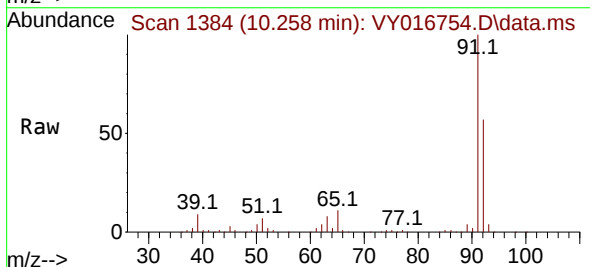
Manual Integrations
APPROVED

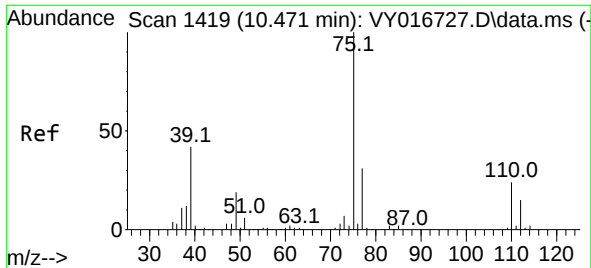
Reviewed By :Mahesh Dadoda 12/22/2023
Supervised By :Semsettin Yesilyurt 12/22/2023



#52
Toluene
Concen: 56.245 ug/l
RT: 10.258 min Scan# 1384
Delta R.T. 0.006 min
Lab File: VY016754.D
Acq: 21 Dec 2023 11:16

Tgt Ion: 92 Resp: 225288
Ion Ratio Lower Upper
92 100
91 172.1 137.6 206.4





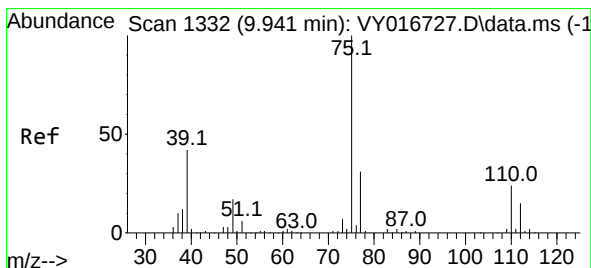
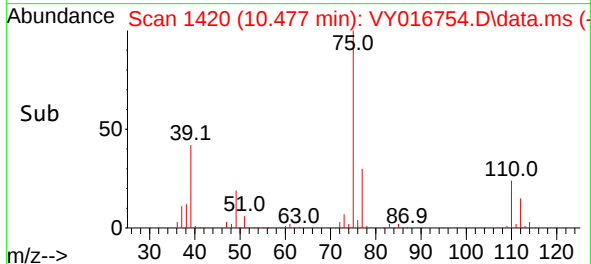
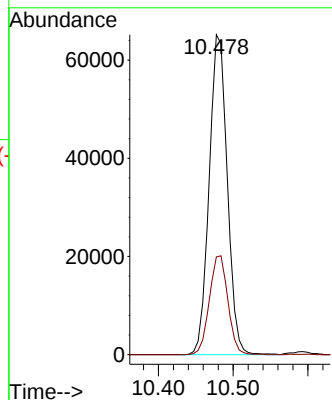
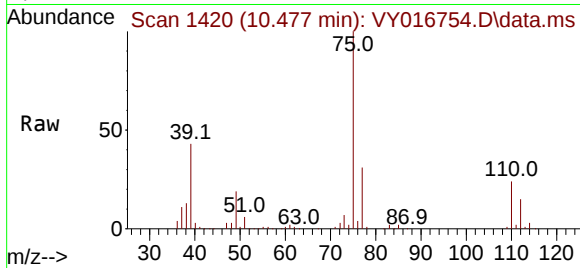
#53
t-1,3-Dichloropropene
Concen: 52.706 ug/l
RT: 10.477 min Scan# 1419
Delta R.T. 0.006 min
Lab File: VY016754.D
Acq: 21 Dec 2023 11:16

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 109710
Ion Ratio Lower Upper
75 100
77 30.5 24.6 36.8

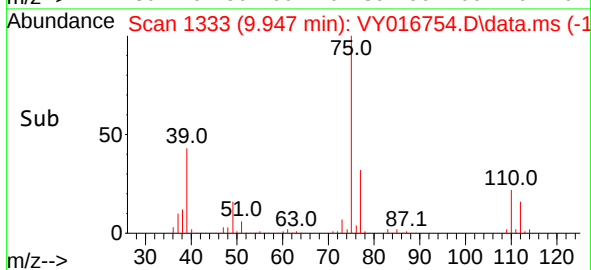
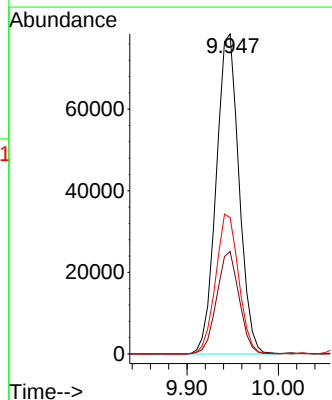
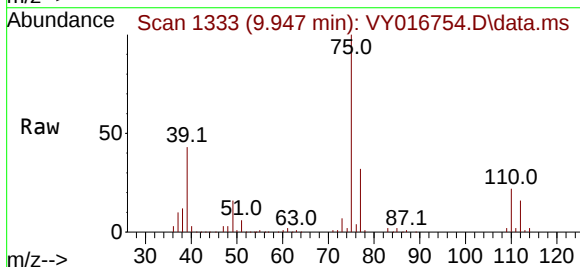
Manual Integrations
APPROVED

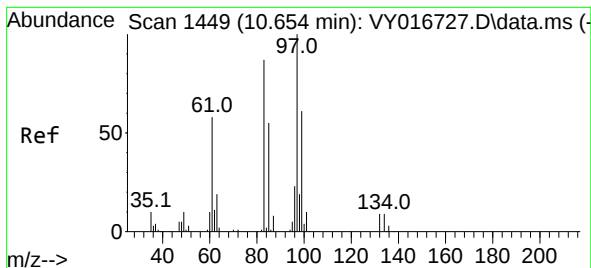
Reviewed By :Mahesh Dadoda 12/22/2023
Supervised By :Semsettin Yesilyurt 12/22/2023



#54
cis-1,3-Dichloropropene
Concen: 54.245 ug/l
RT: 9.947 min Scan# 1333
Delta R.T. 0.006 min
Lab File: VY016754.D
Acq: 21 Dec 2023 11:16

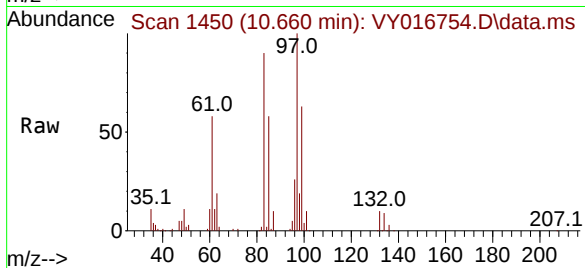
Tgt Ion: 75 Resp: 136205
Ion Ratio Lower Upper
75 100
77 32.1 24.6 36.8
39 42.6 33.6 50.4





#55
1,1,2-Trichloroethane
Concen: 51.540 ug/l
RT: 10.660 min Scan# 1449
Delta R.T. 0.006 min
Lab File: VY016754.D
Acq: 21 Dec 2023 11:16

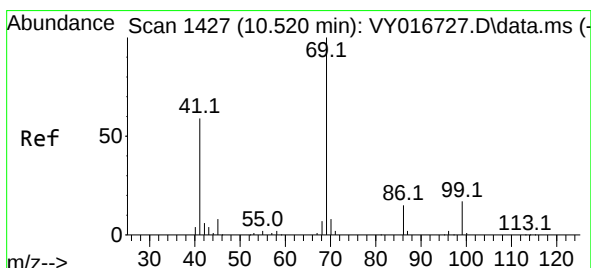
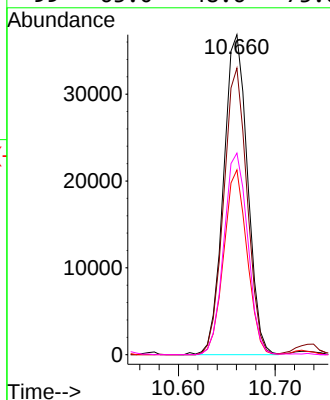
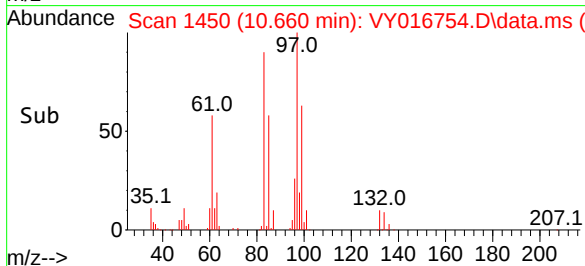
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



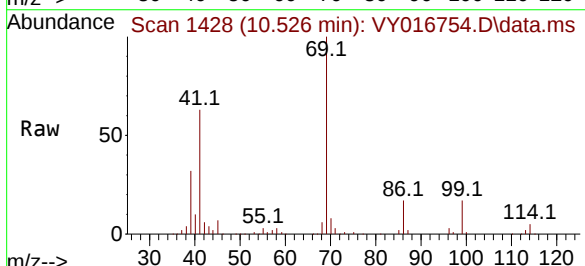
Tgt Ion: 97 Resp: 63694
Ion Ratio Lower Upper
97 100
83 89.6 69.4 104.2
85 57.7 43.9 65.9
99 63.0 48.6 73.0

Manual Integrations
APPROVED

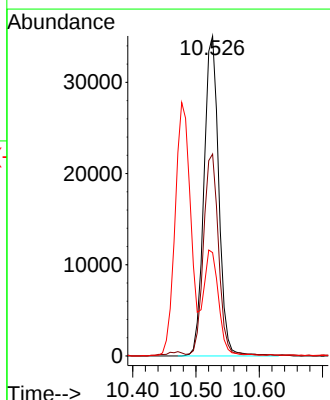
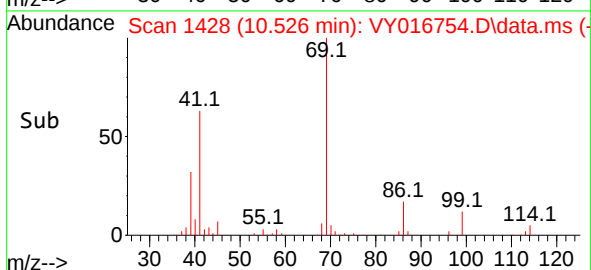
Reviewed By :Mahesh Dadoda 12/22/2023
Supervised By :Semsettin Yesilyurt 12/22/2023

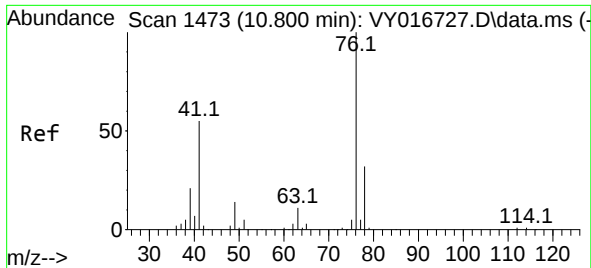


#56
Ethyl methacrylate
Concen: 52.634 ug/l
RT: 10.526 min Scan# 1428
Delta R.T. 0.006 min
Lab File: VY016754.D
Acq: 21 Dec 2023 11:16



Tgt Ion: 69 Resp: 57197
Ion Ratio Lower Upper
69 100
41 63.8 49.2 73.8
39 30.3 26.8 40.2





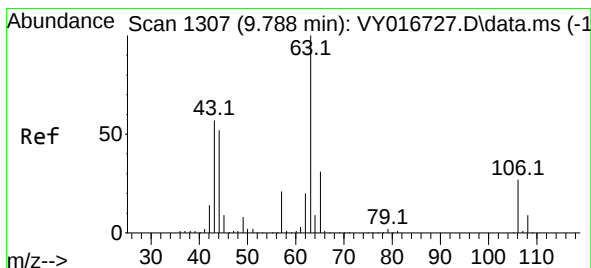
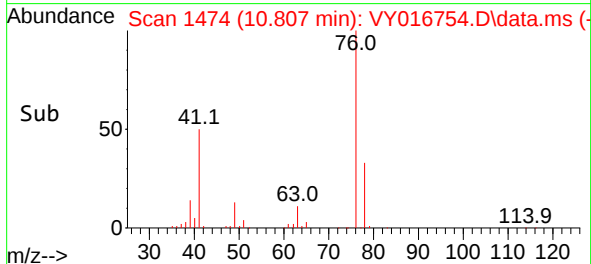
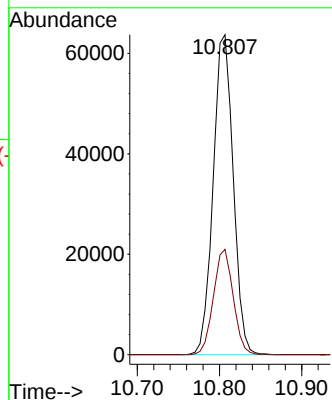
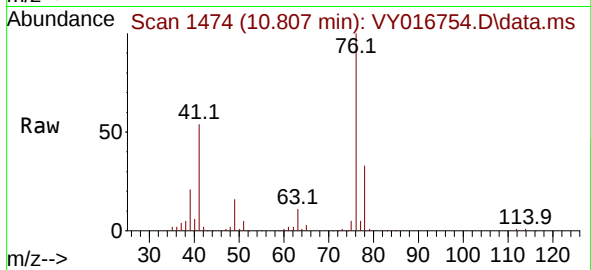
#57
1,3-Dichloropropane
Concen: 51.472 ug/l
RT: 10.807 min Scan# 1473
Delta R.T. 0.007 min
Lab File: VY016754.D
Acq: 21 Dec 2023 11:16

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 10804
Ion Ratio Lower Upper
76 100
78 32.4 26.1 39.1

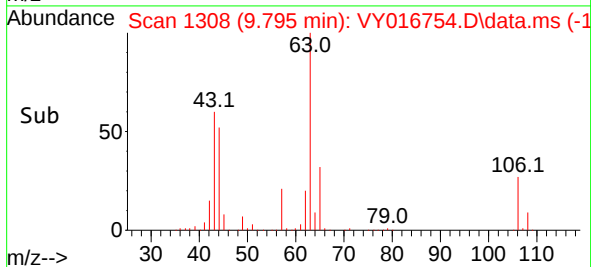
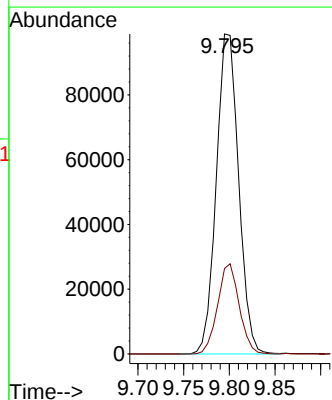
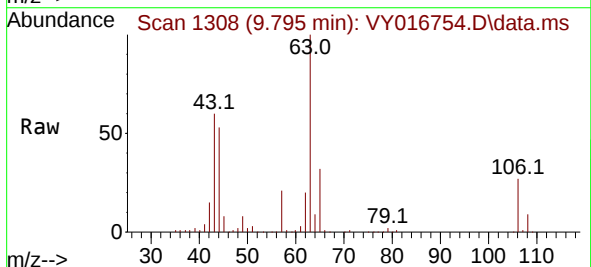
Manual Integrations
APPROVED

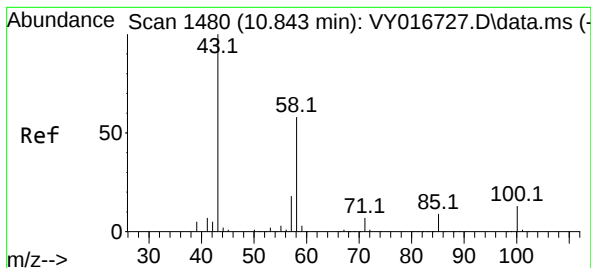
Reviewed By :Mahesh Dadoda 12/22/2023
Supervised By :Semsettin Yesilyurt 12/22/2023



#58
2-Chloroethyl Vinyl ether
Concen: 287.316 ug/l
RT: 9.795 min Scan# 1308
Delta R.T. 0.007 min
Lab File: VY016754.D
Acq: 21 Dec 2023 11:16

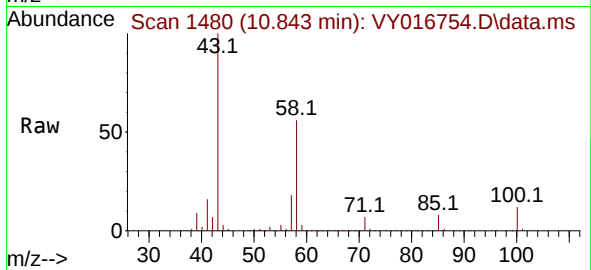
Tgt Ion: 63 Resp: 167962
Ion Ratio Lower Upper
63 100
106 27.3 22.4 33.6





#59
2-Hexanone
Concen: 227.899 ug/l
RT: 10.843 min Scan# 1480
Delta R.T. 0.000 min
Lab File: VY016754.D
Acq: 21 Dec 2023 11:16

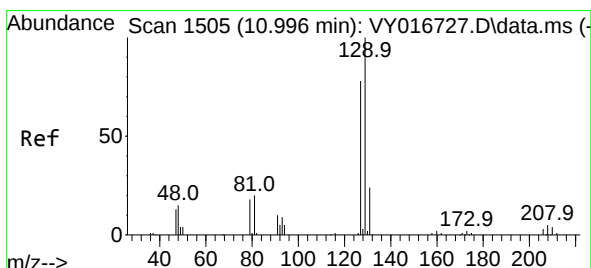
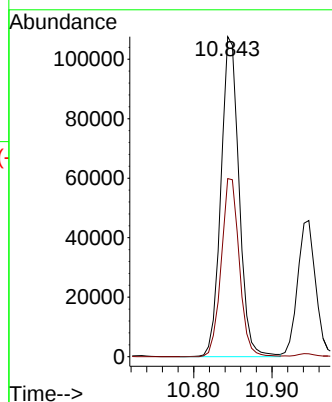
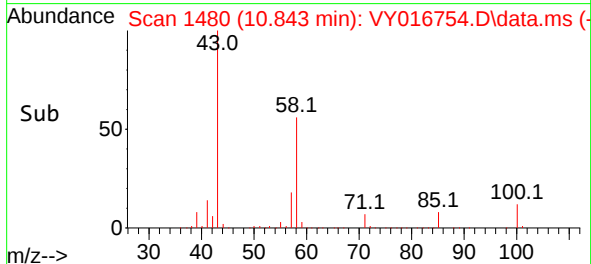
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 173128
Ion Ratio Lower Upper
43 100
58 55.4 28.1 84.3

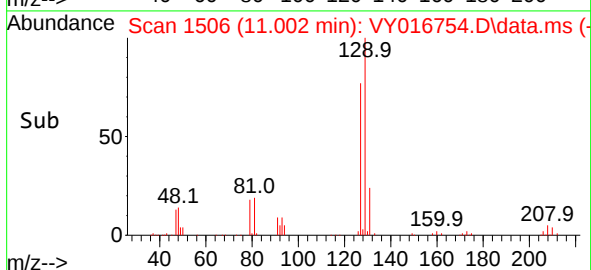
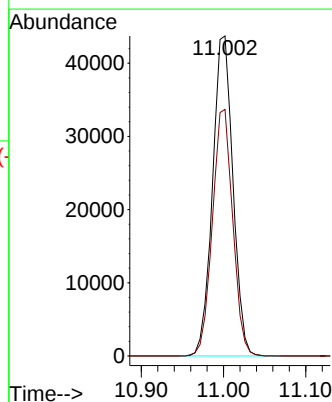
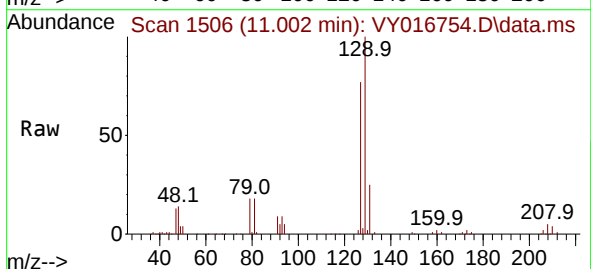
Manual Integrations
APPROVED

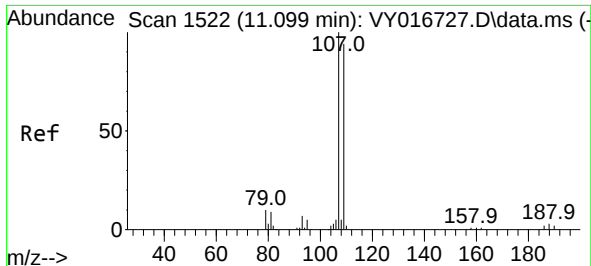
Reviewed By :Mahesh Dadoda 12/22/2023
Supervised By :Semsettin Yesilyurt 12/22/2023



#60
Dibromochloromethane
Concen: 52.676 ug/l
RT: 11.002 min Scan# 1506
Delta R.T. 0.006 min
Lab File: VY016754.D
Acq: 21 Dec 2023 11:16

Tgt Ion:129 Resp: 75305
Ion Ratio Lower Upper
129 100
127 76.9 39.2 117.6





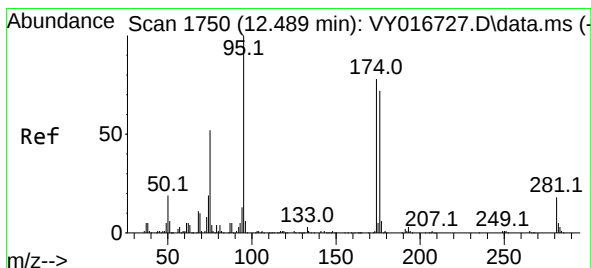
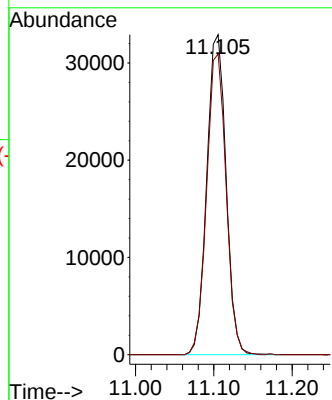
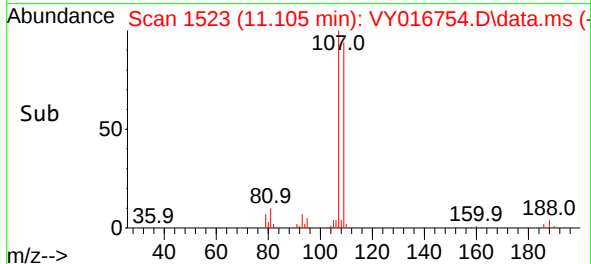
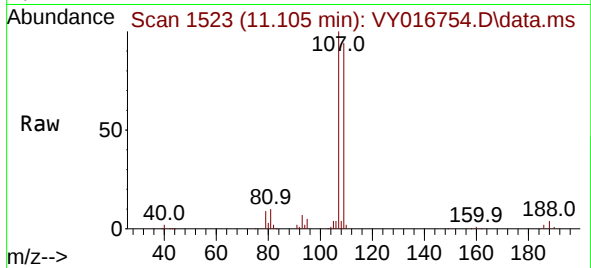
#61
1,2-Dibromoethane
Concen: 50.640 ug/l
RT: 11.105 min Scan# 1523
Delta R.T. 0.006 min
Lab File: VY016754.D
Acq: 21 Dec 2023 11:16

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:107 Resp: 5612
Ion Ratio Lower Upper
107 100
109 94.7 75.4 113.2

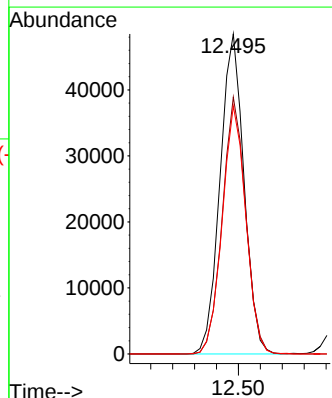
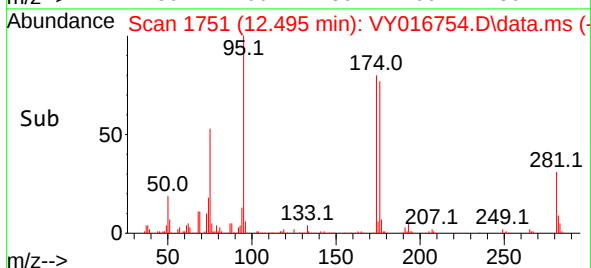
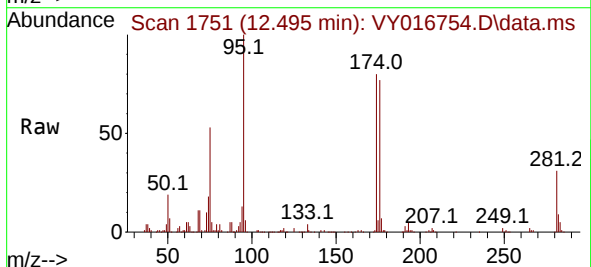
Manual Integrations
APPROVED

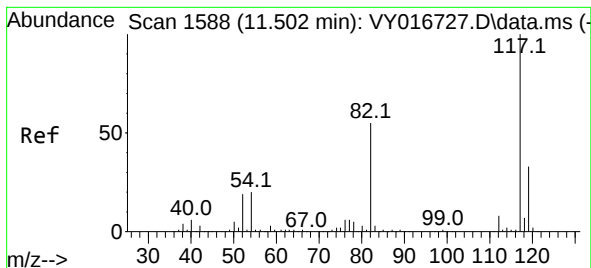
Reviewed By :Mahesh Dadoda 12/22/2023
Supervised By :Semsettin Yesilyurt 12/22/2023



#62
4-Bromofluorobenzene
Concen: 43.753 ug/l
RT: 12.495 min Scan# 1751
Delta R.T. 0.006 min
Lab File: VY016754.D
Acq: 21 Dec 2023 11:16

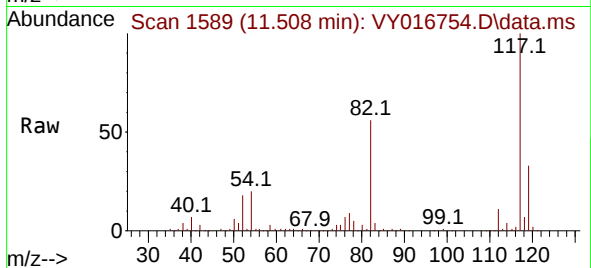
Tgt Ion: 95 Resp: 73313
Ion Ratio Lower Upper
95 100
174 78.7 0.0 160.0
176 76.6 0.0 151.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.508 min Scan# 11508
Delta R.T. 0.006 min
Lab File: VY016754.D
Acq: 21 Dec 2023 11:16

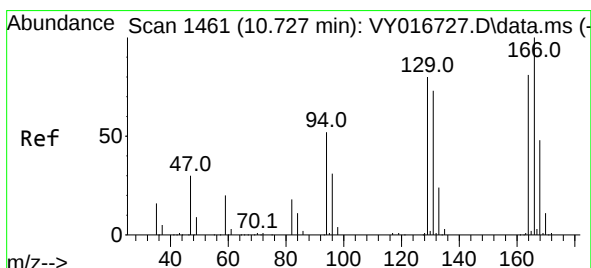
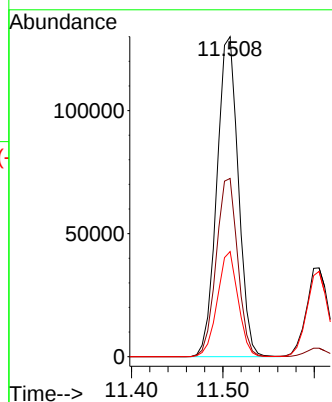
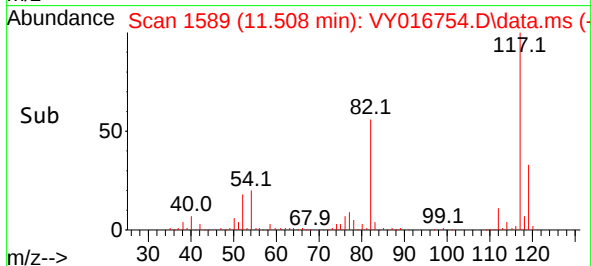
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 212350
Ion Ratio Lower Upper
117 100
82 55.7 43.8 65.8
119 32.8 26.5 39.7

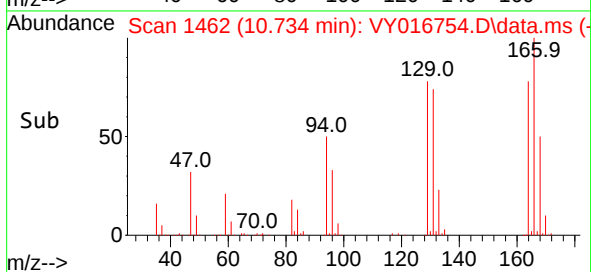
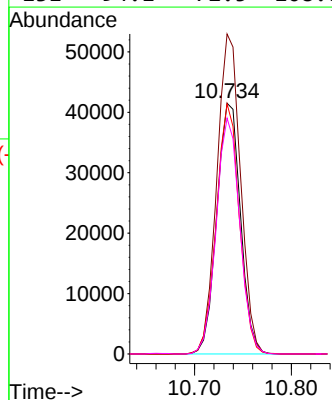
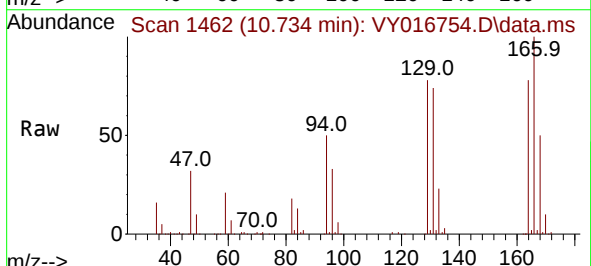
Manual Integrations
APPROVED

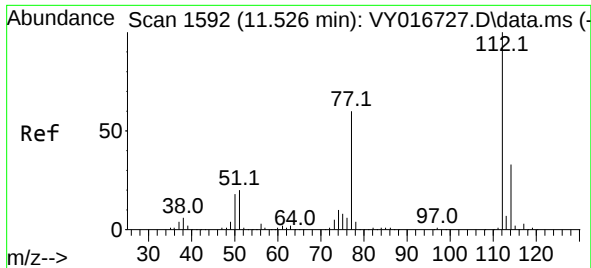
Reviewed By :Mahesh Dadoda 12/22/2023
Supervised By :Semsettin Yesilyurt 12/22/2023



#64
Tetrachloroethene
Concen: 53.396 ug/l
RT: 10.734 min Scan# 1462
Delta R.T. 0.006 min
Lab File: VY016754.D
Acq: 21 Dec 2023 11:16

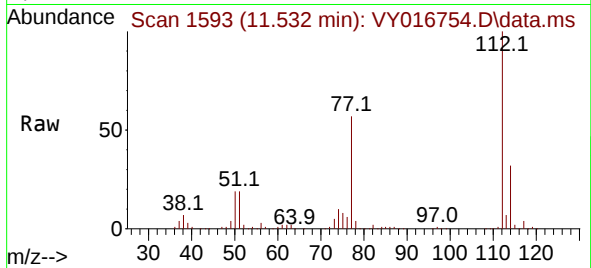
Tgt Ion:164 Resp: 70437
Ion Ratio Lower Upper
164 100
166 127.6 98.8 148.2
129 99.7 78.9 118.3
131 94.1 72.5 108.7





#65
Chlorobenzene
Concen: 54.670 ug/l
RT: 11.532 min Scan# 11532
Delta R.T. 0.006 min
Lab File: VY016754.D
Acq: 21 Dec 2023 11:16

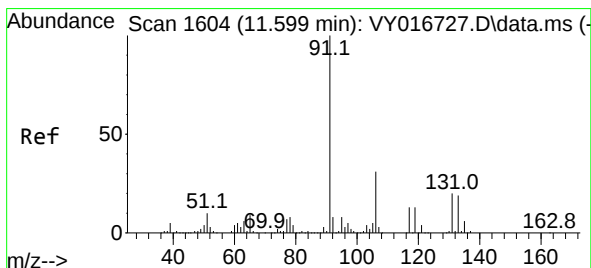
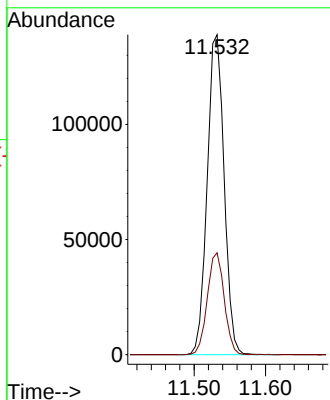
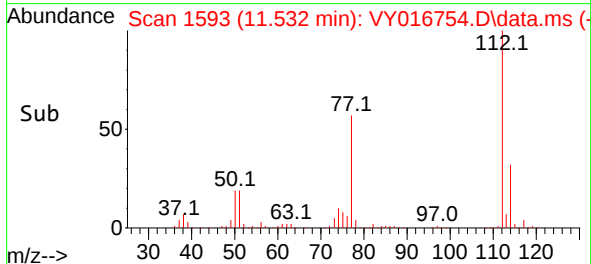
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion:112 Resp: 22809
Ion Ratio Lower Upper
112 100
114 31.8 26.1 39.1

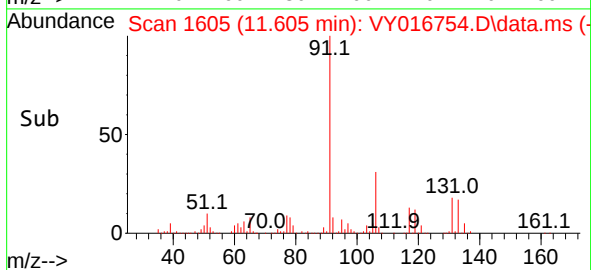
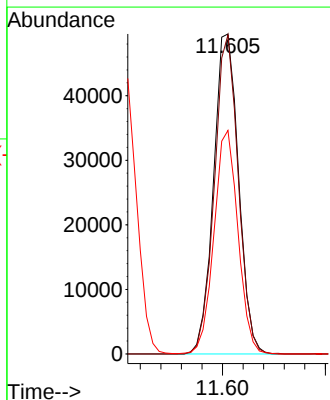
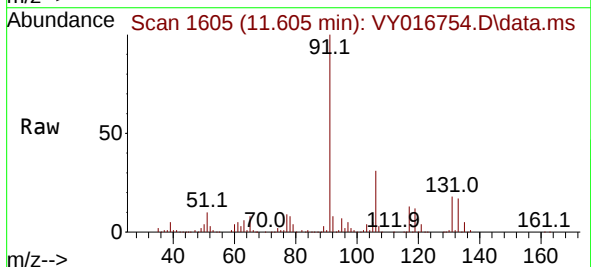
Manual Integrations
APPROVED

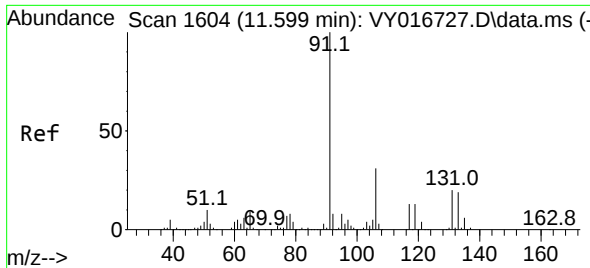
Reviewed By :Mahesh Dadoda 12/22/2023
Supervised By :Semsettin Yesilyurt 12/22/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 53.268 ug/l
RT: 11.605 min Scan# 1605
Delta R.T. 0.006 min
Lab File: VY016754.D
Acq: 21 Dec 2023 11:16

Tgt Ion:131 Resp: 83619
Ion Ratio Lower Upper
131 100
133 95.3 47.0 141.0
119 67.1 33.3 99.9





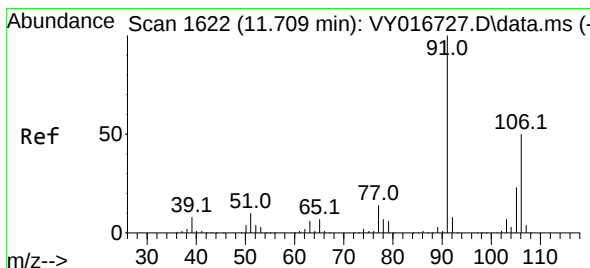
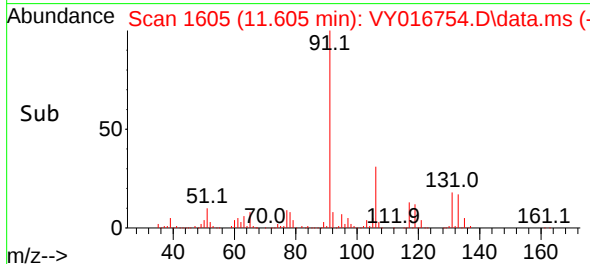
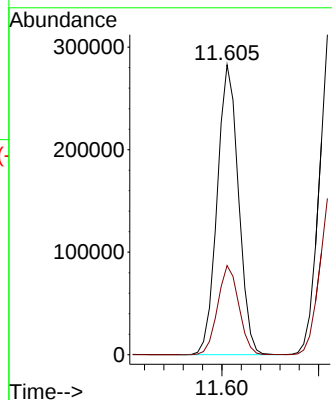
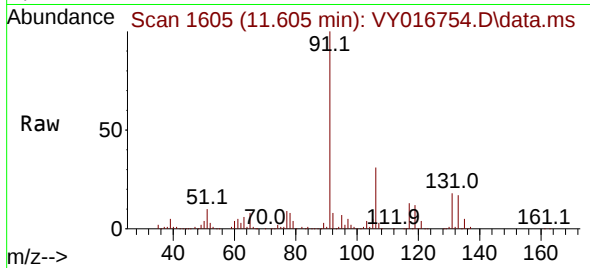
#67
Ethyl Benzene
Concen: 56.282 ug/l
RT: 11.605 min Scan# 1605
Delta R.T. 0.006 min
Lab File: VY016754.D
Acq: 21 Dec 2023 11:16

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 432200
Ion Ratio Lower Upper
91 100
106 30.8 25.0 37.4

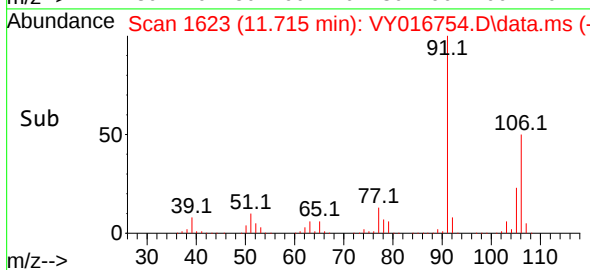
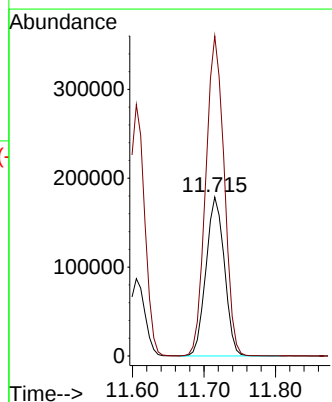
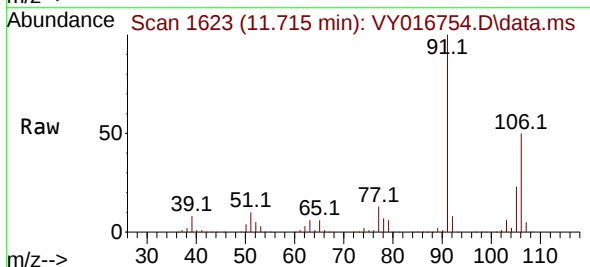
Manual Integrations
APPROVED

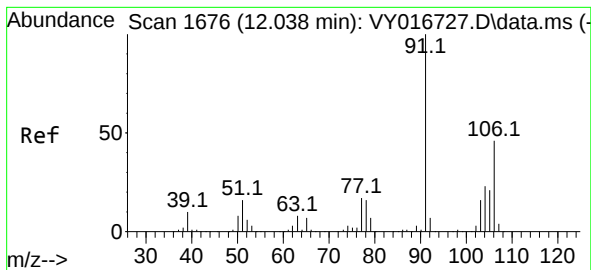
Reviewed By :Mahesh Dadoda 12/22/2023
Supervised By :Semsettin Yesilyurt 12/22/2023



#68
m/p-Xylenes
Concen: 112.516 ug/l
RT: 11.715 min Scan# 1623
Delta R.T. 0.006 min
Lab File: VY016754.D
Acq: 21 Dec 2023 11:16

Tgt Ion:106 Resp: 319069
Ion Ratio Lower Upper
106 100
91 201.8 160.7 241.1





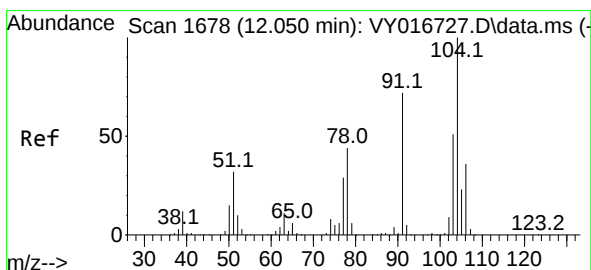
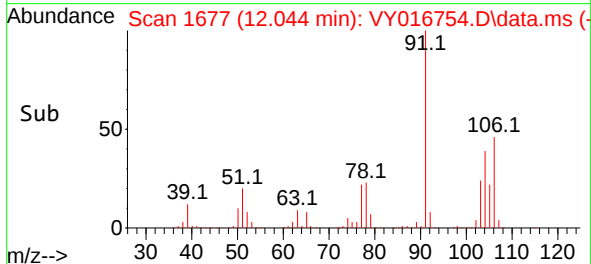
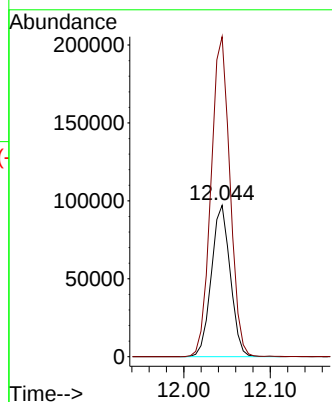
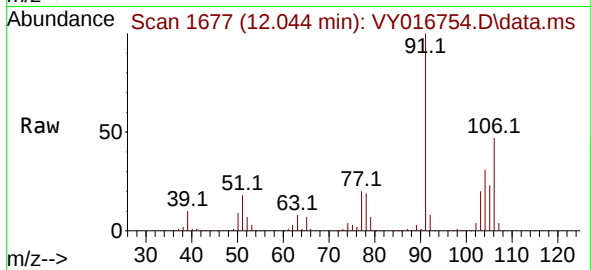
#69
o-Xylene
Concen: 56.503 ug/l
RT: 12.044 min Scan# 1676
Delta R.T. 0.006 min
Lab File: VY016754.D
Acq: 21 Dec 2023 11:16

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 146995
Ion Ratio Lower Upper
106 100
91 212.6 106.5 319.5

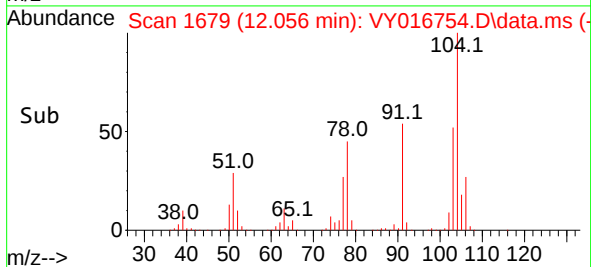
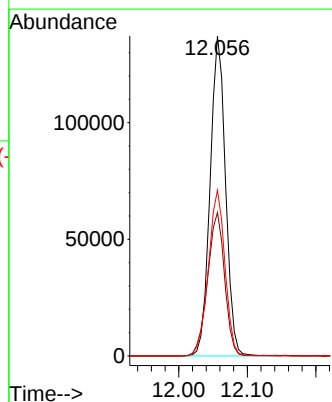
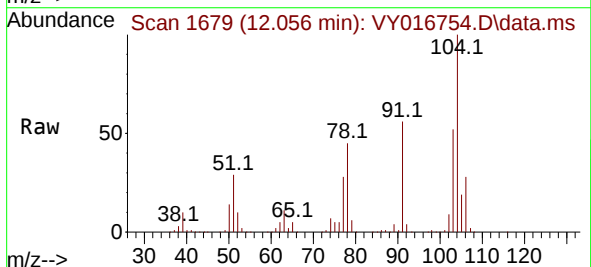
Manual Integrations
APPROVED

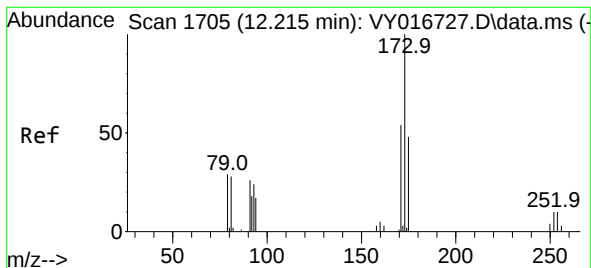
Reviewed By :Mahesh Dadoda 12/22/2023
Supervised By :Semsettin Yesilyurt 12/22/2023



#70
Styrene
Concen: 55.798 ug/l
RT: 12.056 min Scan# 1679
Delta R.T. 0.006 min
Lab File: VY016754.D
Acq: 21 Dec 2023 11:16

Tgt Ion:104 Resp: 214802
Ion Ratio Lower Upper
104 100
78 49.4 39.2 58.8
103 55.8 43.8 65.6





#71

Bromoform

Concen: 49.357 ug/l

RT: 12.221 min Scan# 1705

Delta R.T. 0.006 min

Lab File: VY016754.D

Acq: 21 Dec 2023 11:16

Instrument :

MSVOA_Y

ClientSampleId :

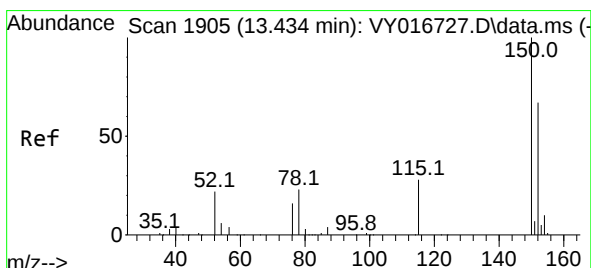
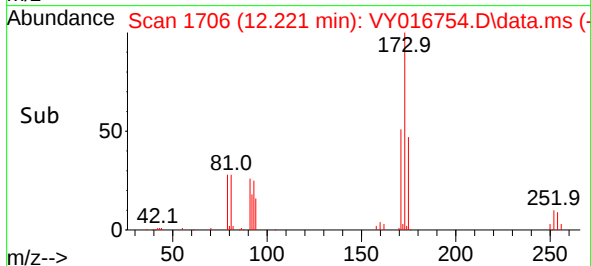
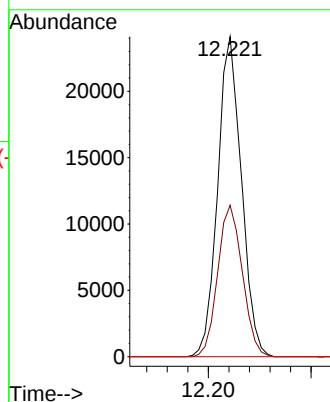
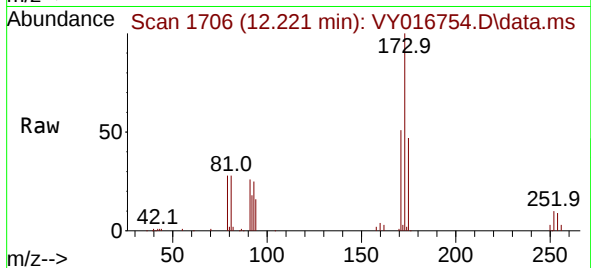
VSTDCCC050

Tgt Ion:173	Resp:	38628
Ion Ratio	Lower	Upper
173	100	
175	49.0	23.5 70.6
254	0.0	0.0 0.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/22/2023
Supervised By :Semsettin Yesilyurt 12/22/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

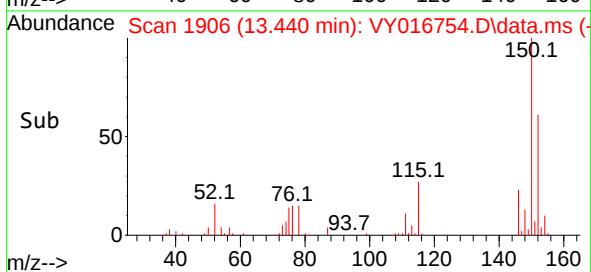
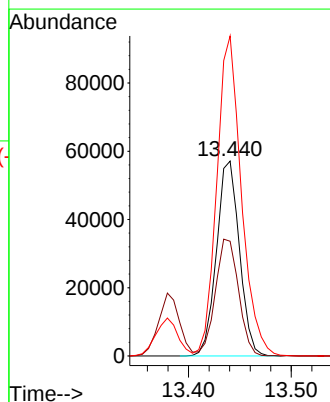
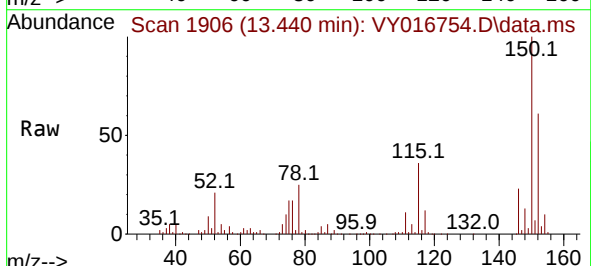
RT: 13.440 min Scan# 1906

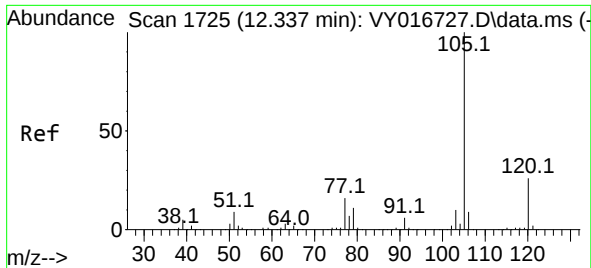
Delta R.T. 0.006 min

Lab File: VY016754.D

Acq: 21 Dec 2023 11:16

Tgt Ion:152	Resp:	88266
Ion Ratio	Lower	Upper
152	100	
115	61.0	30.0 90.0
150	176.1	0.0 344.6





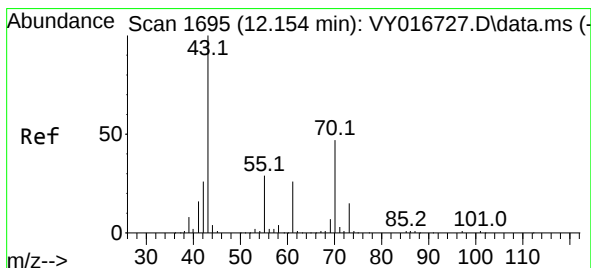
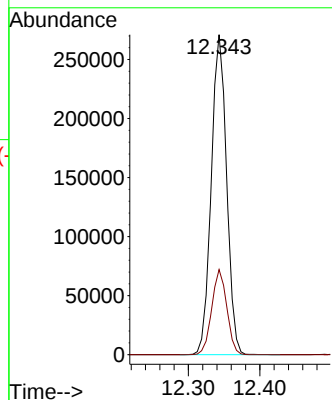
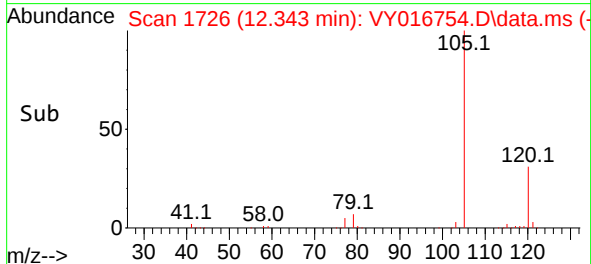
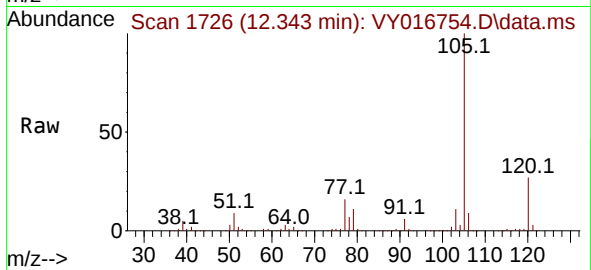
#73
Isopropylbenzene
Concen: 58.687 ug/l
RT: 12.343 min Scan# 1726
Delta R.T. 0.006 min
Lab File: VY016754.D
Acq: 21 Dec 2023 11:16

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:105 Resp: 403429
Ion Ratio Lower Upper
105 100
120 26.0 13.0 39.0

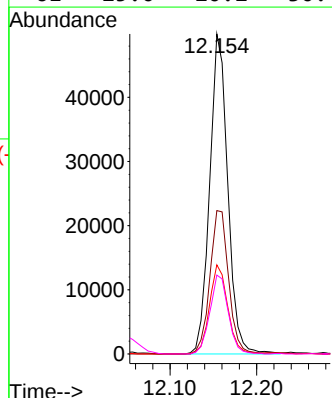
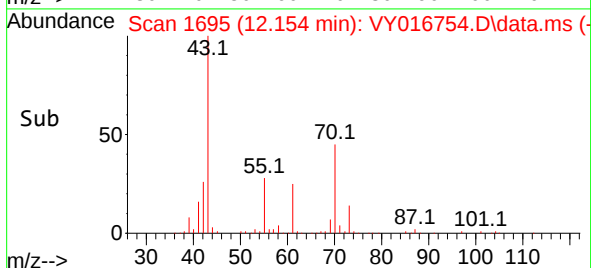
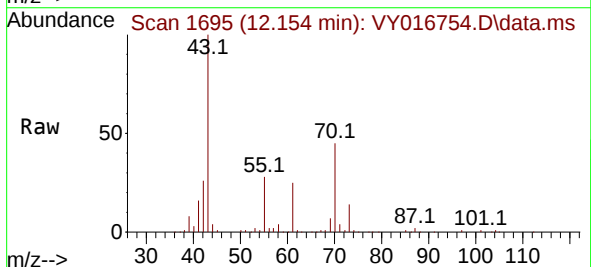
Manual Integrations
APPROVED

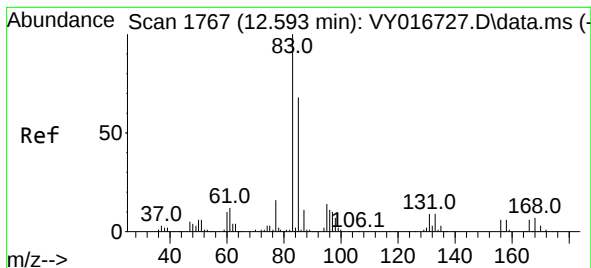
Reviewed By :Mahesh Dadoda 12/22/2023
Supervised By :Semsettin Yesilyurt 12/22/2023



#74
N-ethyl acetate
Concen: 50.196 ug/l
RT: 12.154 min Scan# 1695
Delta R.T. 0.000 min
Lab File: VY016754.D
Acq: 21 Dec 2023 11:16

Tgt Ion: 43 Resp: 72416
Ion Ratio Lower Upper
43 100
70 46.4 36.6 55.0
55 28.1 22.2 33.4
61 25.0 20.2 30.4





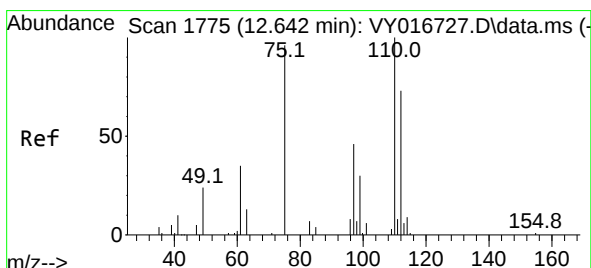
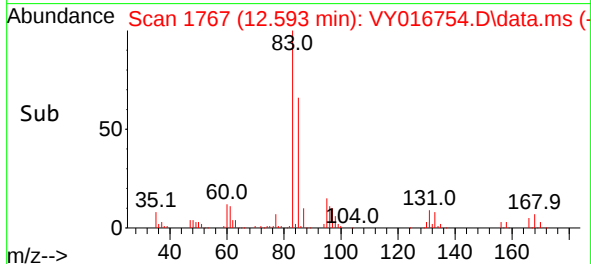
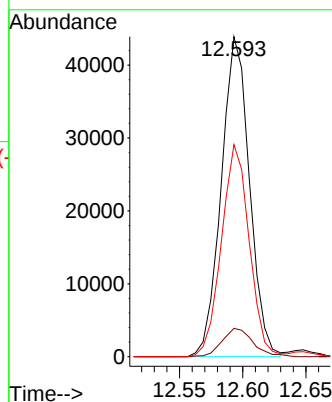
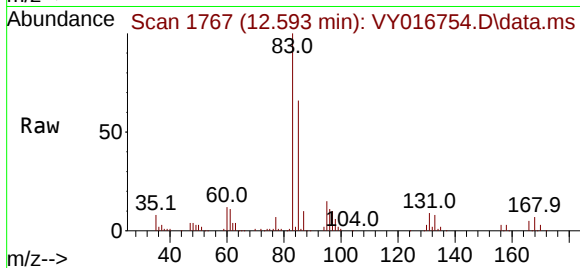
#75
1,1,2,2-Tetrachloroethane
Concen: 49.599 ug/l
RT: 12.593 min Scan# 1767
Delta R.T. 0.000 min
Lab File: VY016754.D
Acq: 21 Dec 2023 11:16

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 68134
Ion Ratio Lower Upper
83 100
131 9.7 4.9 14.6
85 65.2 32.6 98.0

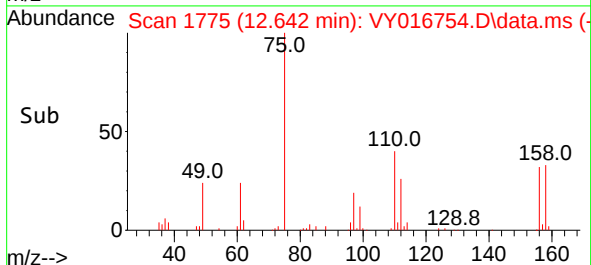
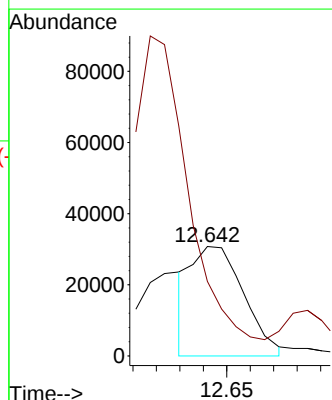
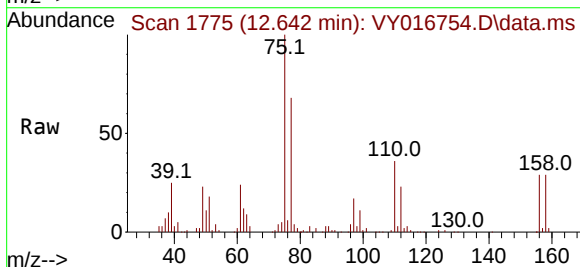
Manual Integrations
APPROVED

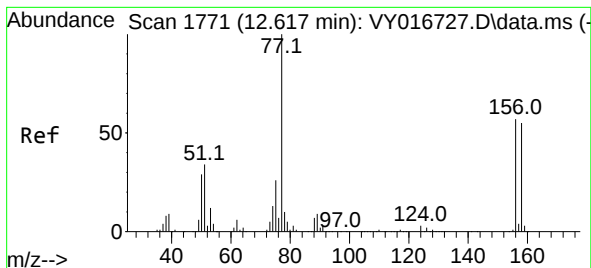
Reviewed By :Mahesh Dadoda 12/22/2023
Supervised By :Semsettin Yesilyurt 12/22/2023



#76
1,2,3-Trichloropropane
Concen: 49.145 ug/l m
RT: 12.642 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VY016754.D
Acq: 21 Dec 2023 11:16

Tgt Ion: 75 Resp: 47952
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 55.633 ug/l

RT: 12.623 min Scan# 1771

Delta R.T. 0.006 min

Lab File: VY016754.D

Acq: 21 Dec 2023 11:16

Instrument :

MSVOA_Y

ClientSampleId :

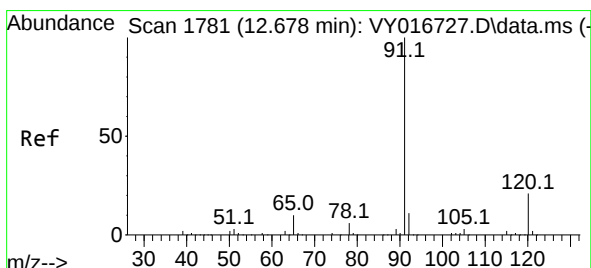
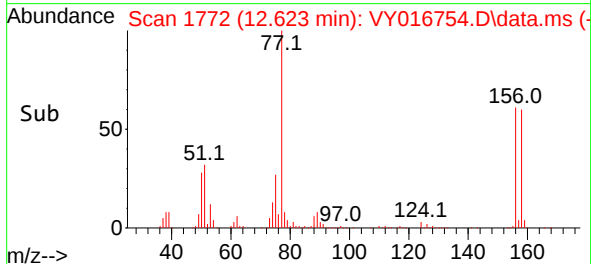
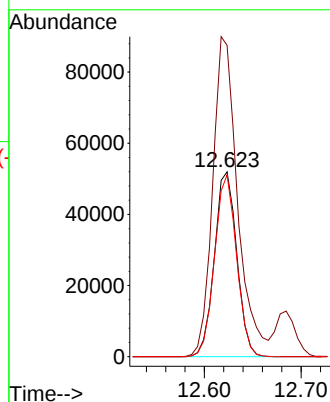
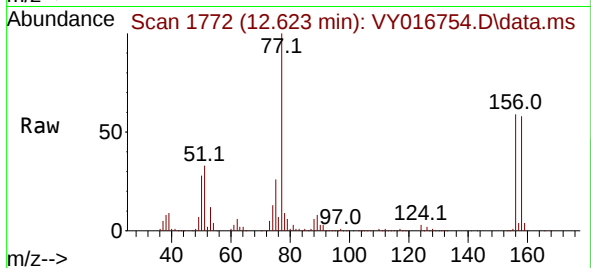
VSTDCCC050

Tgt Ion:	156	Resp:	8343
Ion Ratio	Lower	Upper	
156	100		
77	192.9	97.3	291.8
158	96.7	48.4	145.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/22/2023
Supervised By :Semsettin Yesilyurt 12/22/2023



#78

n-propylbenzene

Concen: 59.038 ug/l

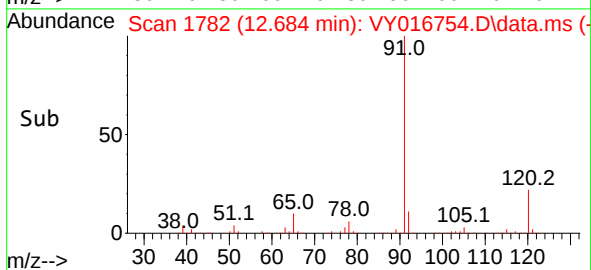
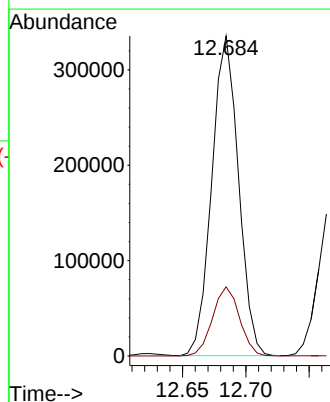
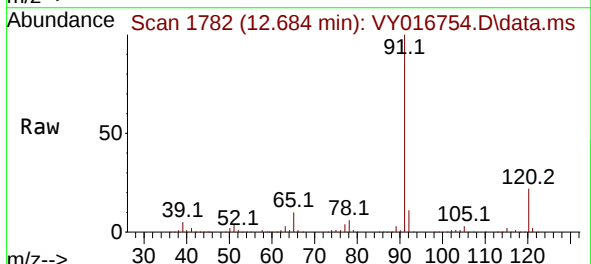
RT: 12.684 min Scan# 1782

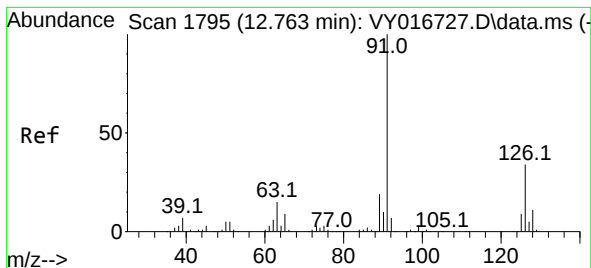
Delta R.T. 0.006 min

Lab File: VY016754.D

Acq: 21 Dec 2023 11:16

Tgt Ion:	91	Resp:	491713
Ion Ratio	Lower	Upper	
91	100		
120	21.8	11.0	33.0





#79

2-Chlorotoluene

Concen: 57.114 ug/l

RT: 12.770 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY016754.D

Acq: 21 Dec 2023 11:16

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 263220

Ion Ratio Lower Upper

91 100

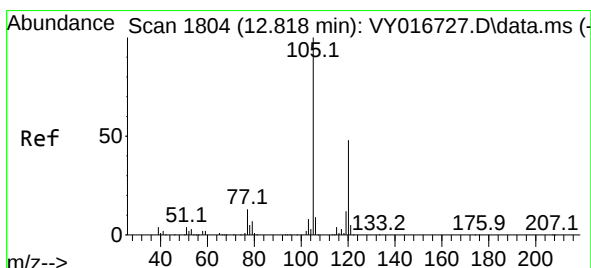
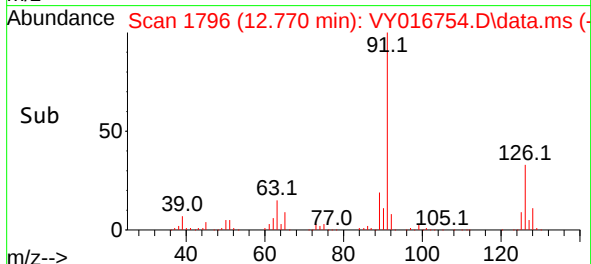
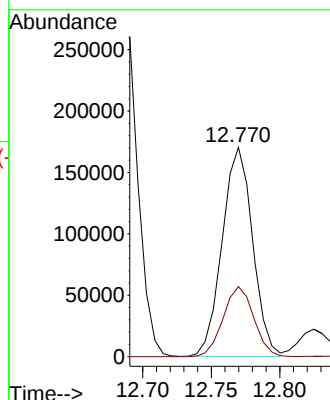
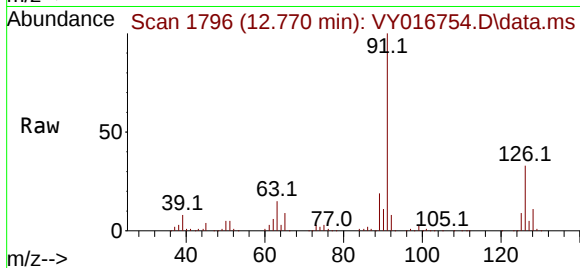
126 33.6 17.0 51.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/22/2023

Supervised By :Semsettin Yesilyurt 12/22/2023



#80

1,3,5-Trimethylbenzene

Concen: 58.549 ug/l

RT: 12.825 min Scan# 1805

Delta R.T. 0.006 min

Lab File: VY016754.D

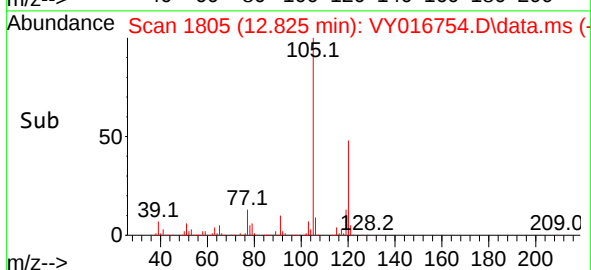
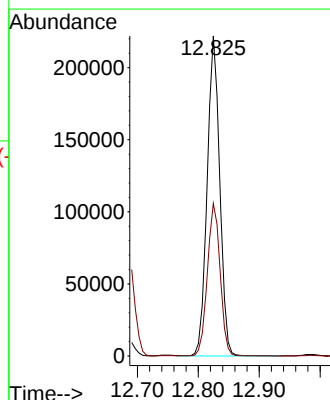
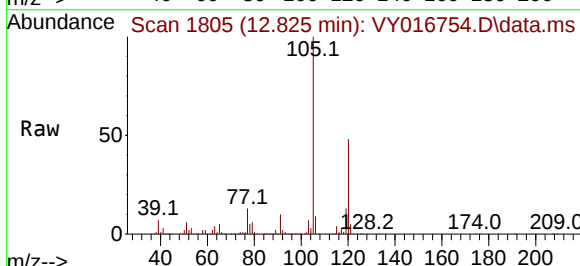
Acq: 21 Dec 2023 11:16

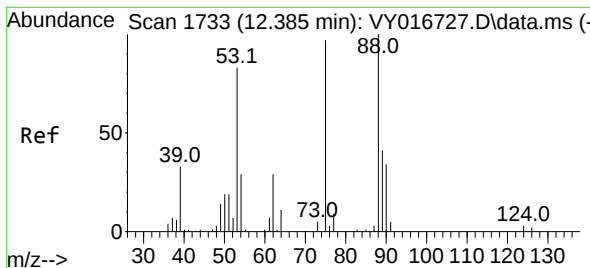
Tgt Ion:105 Resp: 318598

Ion Ratio Lower Upper

105 100

120 48.4 24.3 72.8





#81

trans-1,4-Dichloro-2-butene

Concen: 49.906 ug/l

RT: 12.392 min Scan# 1733

Delta R.T. 0.006 min

Lab File: VY016754.D

Acq: 21 Dec 2023 11:16

Instrument :

MSVOA_Y

ClientSampleId :

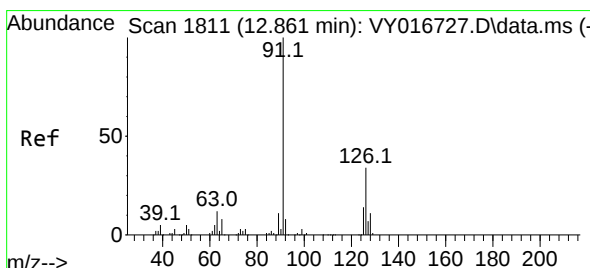
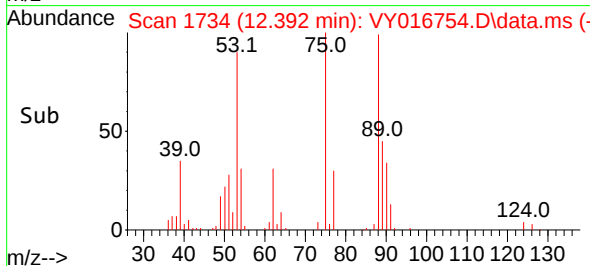
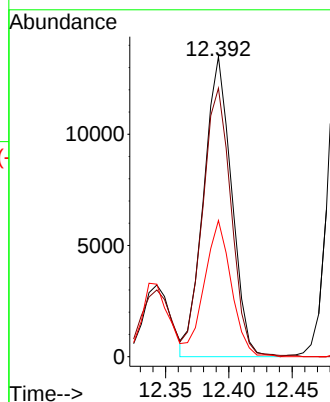
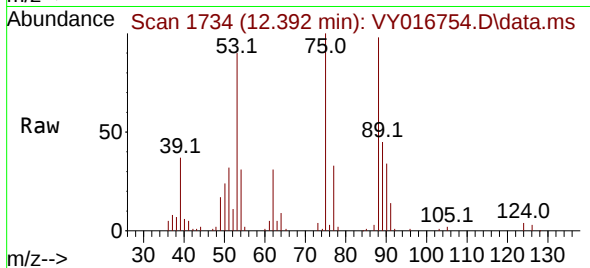
VSTDCCC050

Tgt Ion:	75	Resp:	20735
Ion Ratio	Lower	Upper	
75	100		
53	91.7	74.0	111.0
89	44.0	36.5	54.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/22/2023
Supervised By :Semsettin Yesilyurt 12/22/2023



#82

4-Chlorotoluene

Concen: 56.805 ug/l

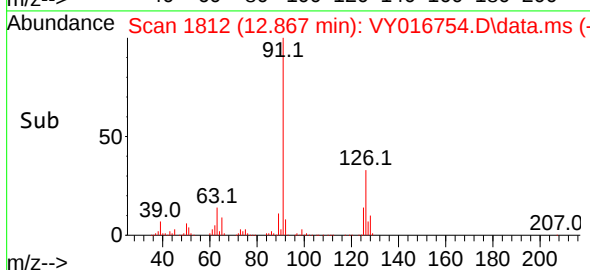
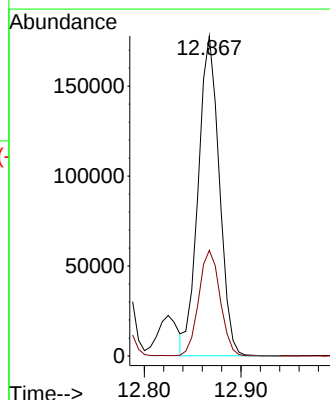
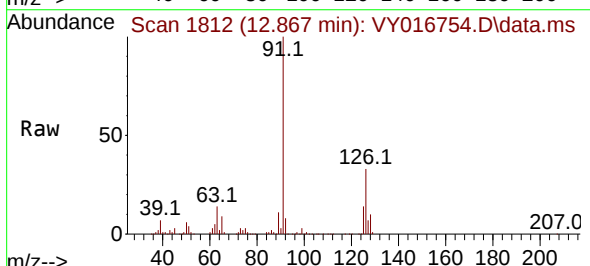
RT: 12.867 min Scan# 1812

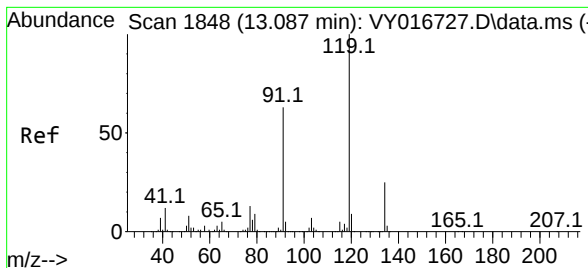
Delta R.T. 0.006 min

Lab File: VY016754.D

Acq: 21 Dec 2023 11:16

Tgt Ion:	91	Resp:	268578
Ion Ratio	Lower	Upper	
91	100		
126	33.6	17.1	51.2





#83

tert-Butylbenzene

Concen: 58.342 ug/l

RT: 13.087 min Scan# 1848

Delta R.T. 0.000 min

Lab File: VY016754.D

Acq: 21 Dec 2023 11:16

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion:119 Resp: 276148

Ion Ratio Lower Upper

119 100

91 64.9 31.5 94.5

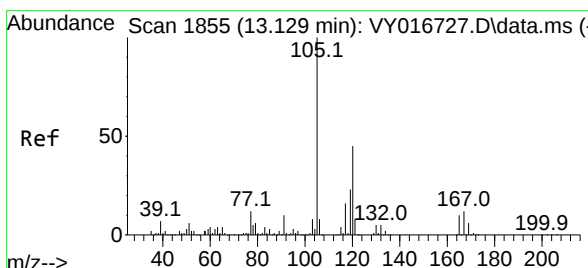
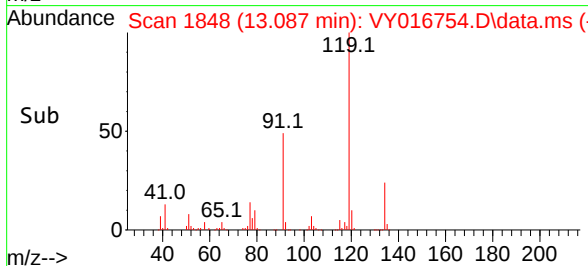
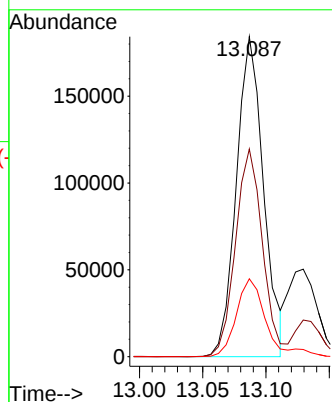
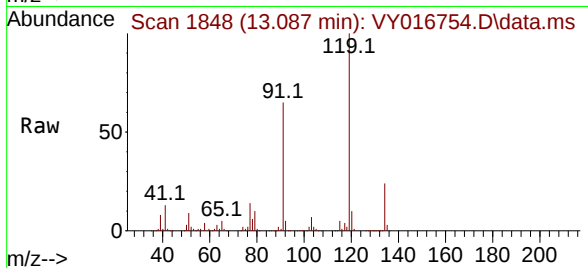
134 26.6 13.1 39.3

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/22/2023

Supervised By :Semsettin Yesilyurt 12/22/2023



#84

1,2,4-Trimethylbenzene

Concen: 58.638 ug/l

RT: 13.129 min Scan# 1855

Delta R.T. 0.000 min

Lab File: VY016754.D

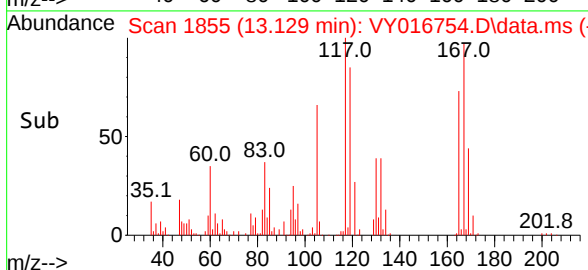
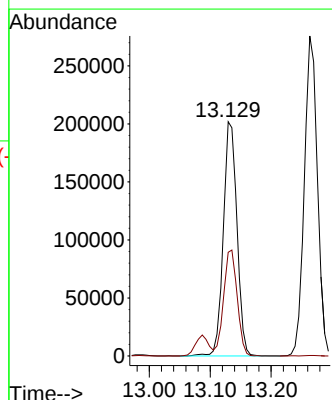
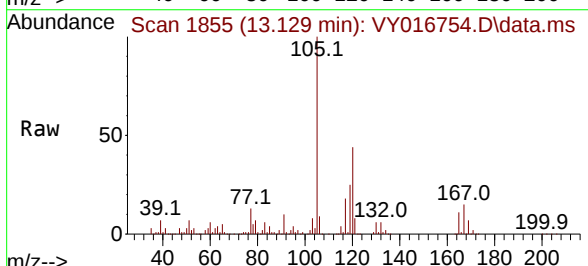
Acq: 21 Dec 2023 11:16

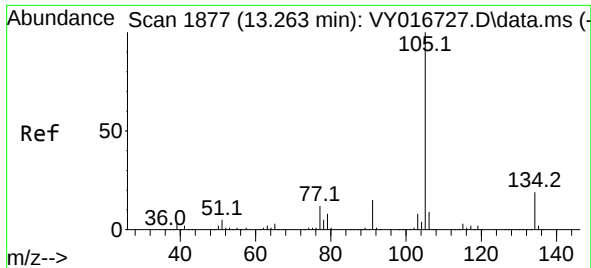
Tgt Ion:105 Resp: 314639

Ion Ratio Lower Upper

105 100

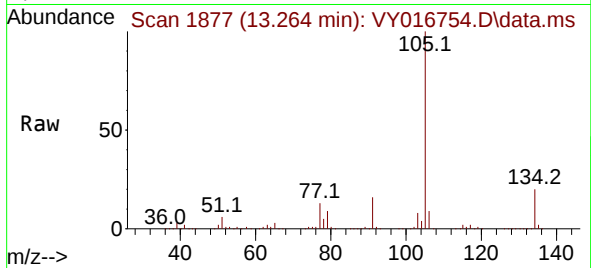
120 45.0 22.1 66.3





#85
 sec-Butylbenzene
 Concen: 58.547 ug/l
 RT: 13.264 min Scan# 1877
 Delta R.T. 0.000 min
 Lab File: VY016754.D
 Acq: 21 Dec 2023 11:16

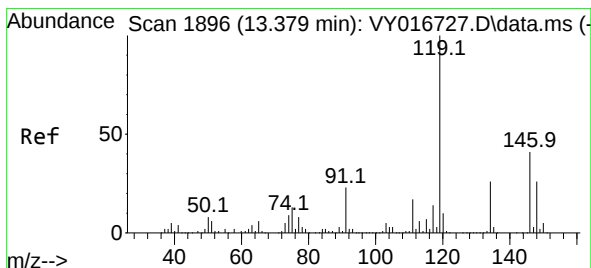
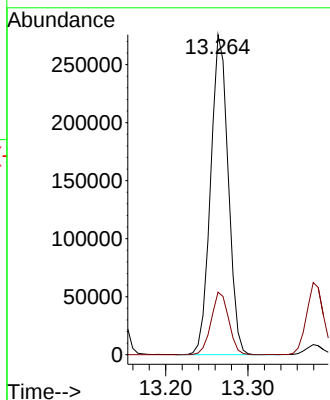
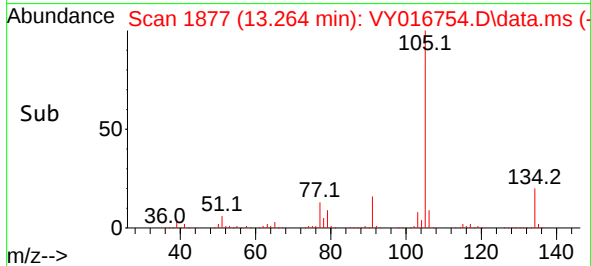
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050



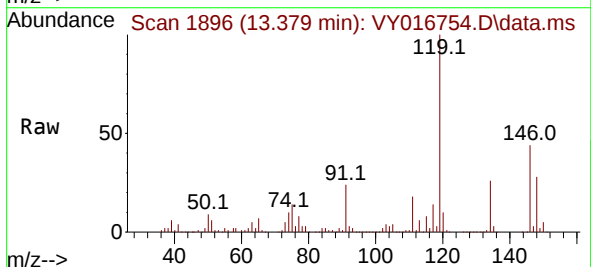
Tgt Ion:105 Resp: 410458
 Ion Ratio Lower Upper
 105 100
 134 19.4 9.7 28.9

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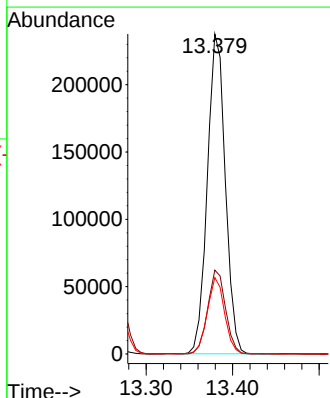
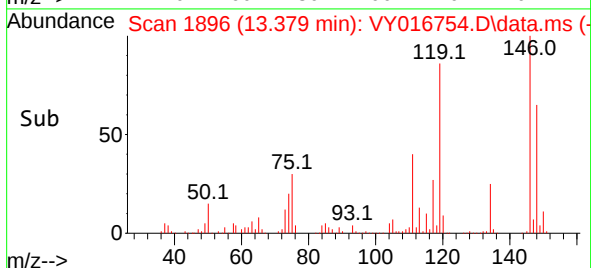
Reviewed By :Mahesh Dadoda 12/22/2023
 Supervised By :Semsettin Yesilyurt 12/22/2023

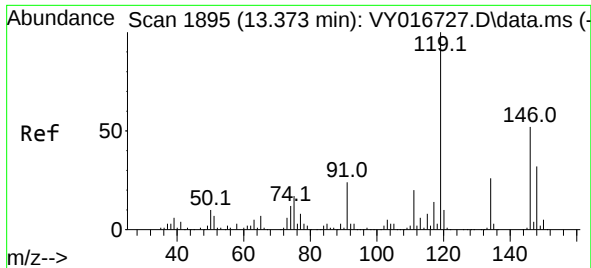


#86
 p-Isopropyltoluene
 Concen: 58.529 ug/l
 RT: 13.379 min Scan# 1896
 Delta R.T. 0.000 min
 Lab File: VY016754.D
 Acq: 21 Dec 2023 11:16



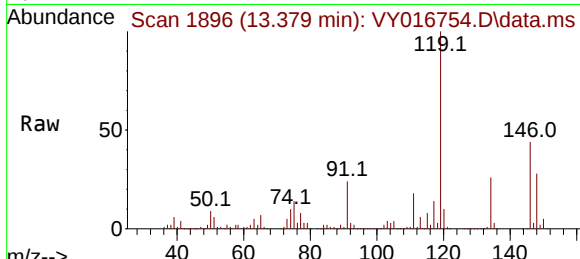
Tgt Ion:119 Resp: 341725
 Ion Ratio Lower Upper
 119 100
 134 26.1 13.1 39.1
 91 22.9 11.7 35.0





#87
1,3-Dichlorobenzene
Concen: 55.085 ug/l
RT: 13.379 min Scan# 1895
Delta R.T. 0.006 min
Lab File: VY016754.D
Acq: 21 Dec 2023 11:16

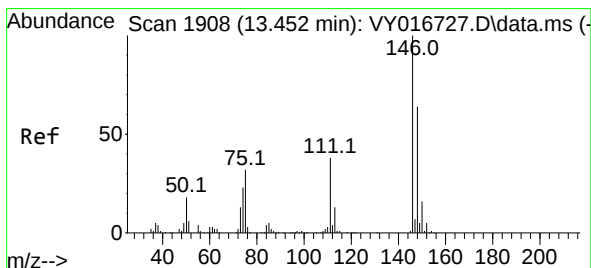
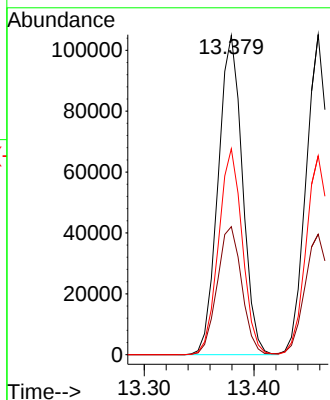
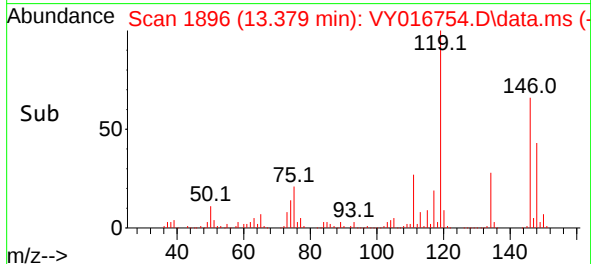
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



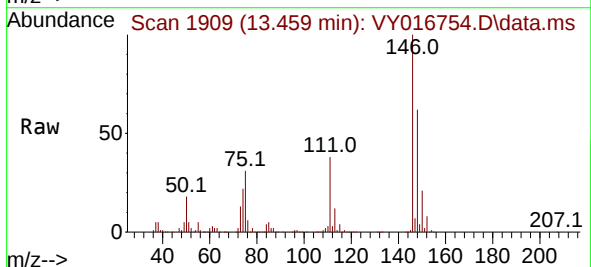
Tgt Ion:146 Resp: 16144
Ion Ratio Lower Upper
146 100
111 40.7 20.2 60.5
148 63.2 31.9 95.9

Manual Integrations
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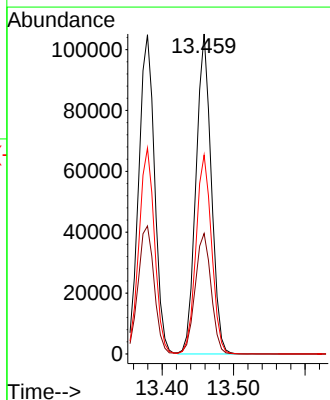
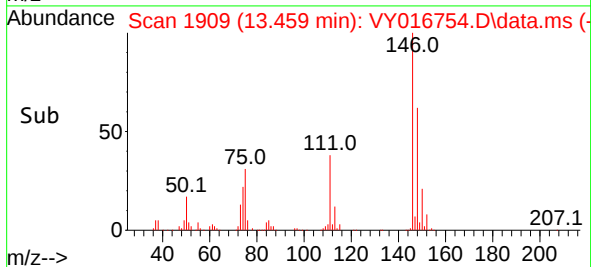
Reviewed By :Mahesh Dadoda 12/22/2023
Supervised By :Semsettin Yesilyurt 12/22/2023

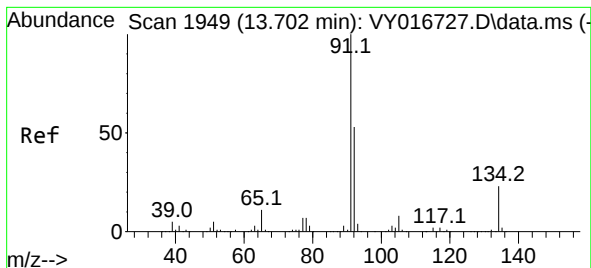


#88
1,4-Dichlorobenzene
Concen: 54.448 ug/l
RT: 13.459 min Scan# 1909
Delta R.T. 0.006 min
Lab File: VY016754.D
Acq: 21 Dec 2023 11:16



Tgt Ion:146 Resp: 155818
Ion Ratio Lower Upper
146 100
111 39.4 19.3 57.9
148 63.5 31.6 94.7





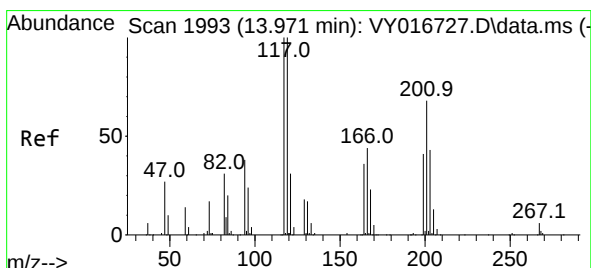
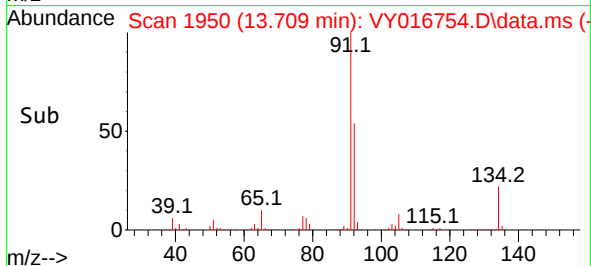
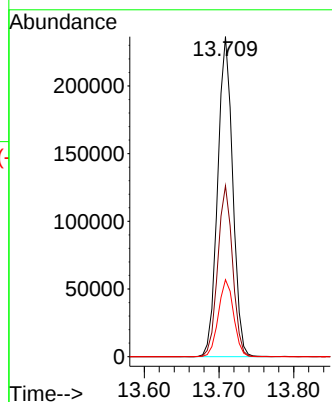
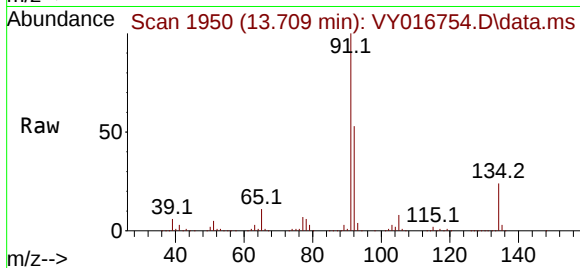
#89
n-Butylbenzene
Concen: 59.099 ug/l
RT: 13.709 min Scan# 1949
Delta R.T. 0.006 min
Lab File: VY016754.D
Acq: 21 Dec 2023 11:16

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 32984
Ion Ratio Lower Upper
91 100
92 52.6 26.4 79.2
134 24.4 12.3 36.8

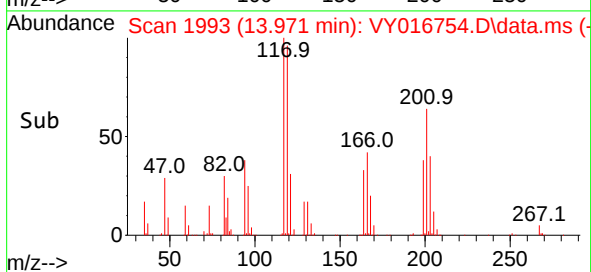
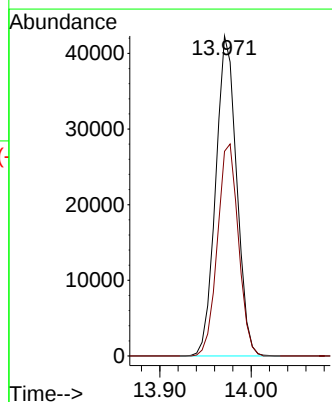
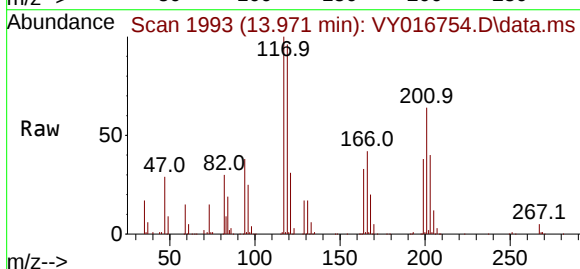
Manual Integrations
APPROVED

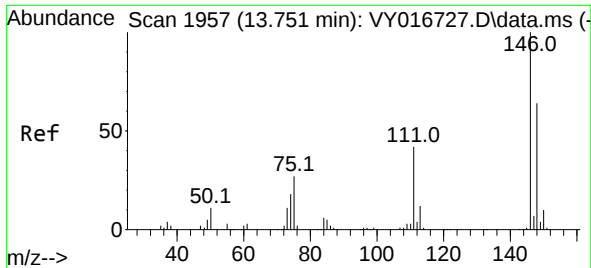
Reviewed By :Mahesh Dadoda 12/22/2023
Supervised By :Semsettin Yesilyurt 12/22/2023



#90
Hexachloroethane
Concen: 55.422 ug/l
RT: 13.971 min Scan# 1993
Delta R.T. 0.000 min
Lab File: VY016754.D
Acq: 21 Dec 2023 11:16

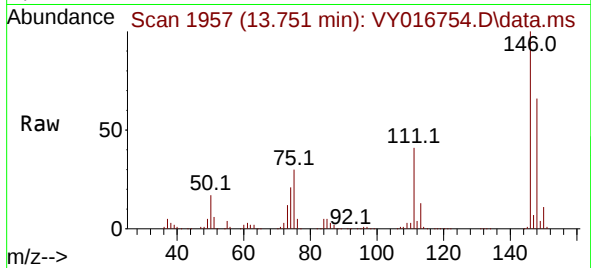
Tgt Ion:117 Resp: 67379
Ion Ratio Lower Upper
117 100
201 66.4 33.4 100.1





#91
1,2-Dichlorobenzene
Concen: 53.927 ug/l
RT: 13.751 min Scan# 1957
Delta R.T. 0.000 min
Lab File: VY016754.D
Acq: 21 Dec 2023 11:16

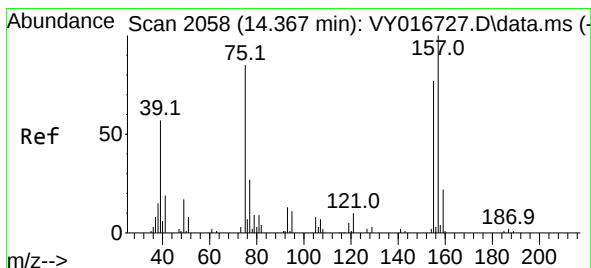
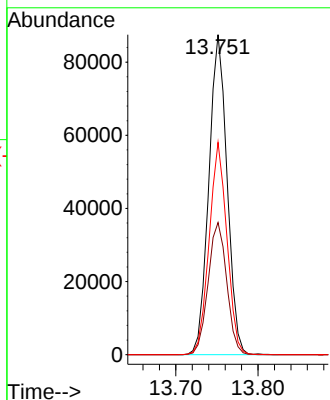
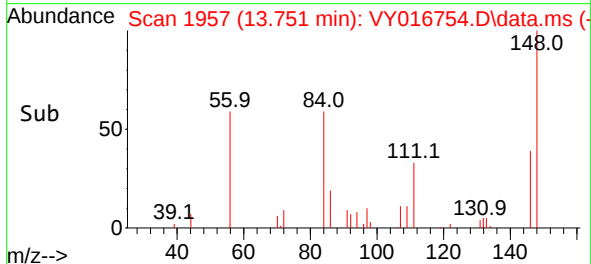
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



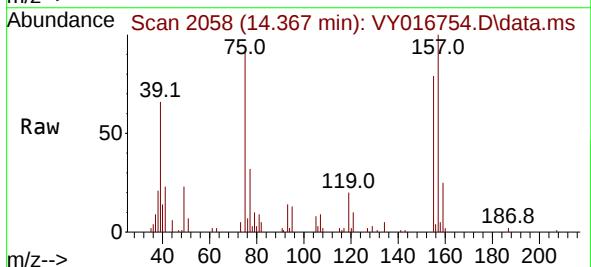
Tgt Ion: 146 Resp: 134644
Ion Ratio Lower Upper
146 100
111 42.2 20.5 61.6
148 64.7 31.4 94.3

Manual Integrations
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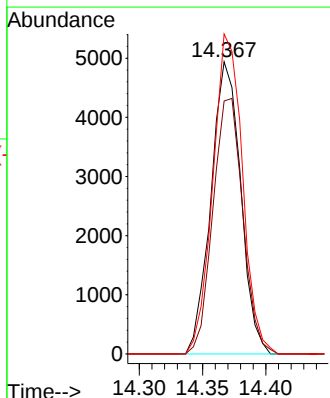
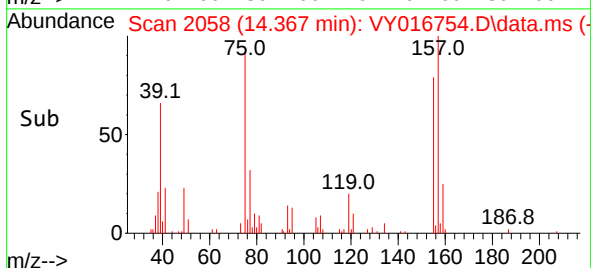
Reviewed By :Mahesh Dadoda 12/22/2023
Supervised By :Semsettin Yesilyurt 12/22/2023

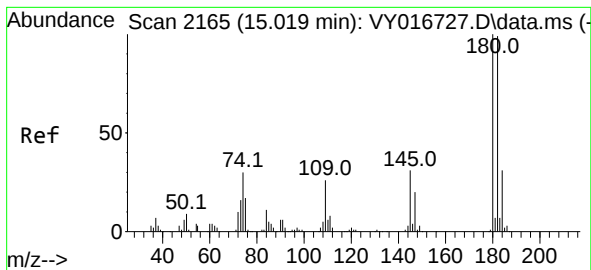


#92
1,2-Dibromo-3-Chloropropane
Concen: 45.313 ug/l
RT: 14.367 min Scan# 2058
Delta R.T. 0.000 min
Lab File: VY016754.D
Acq: 21 Dec 2023 11:16



Tgt Ion: 75 Resp: 8069
Ion Ratio Lower Upper
75 100
155 87.8 42.1 126.3
157 109.0 55.8 167.4





#93

1,2,4-Trichlorobenzene

Concen: 54.660 ug/l

RT: 15.019 min Scan# 2165

Delta R.T. 0.000 min

Lab File: VY016754.D

Acq: 21 Dec 2023 11:16

Instrument :

MSVOA_Y

ClientSampleId :

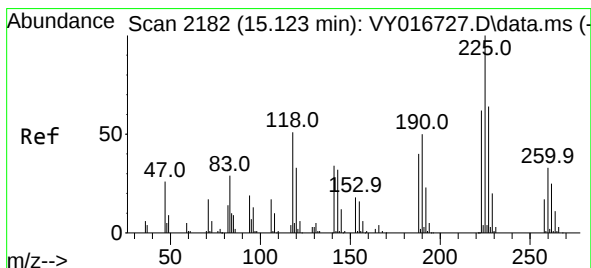
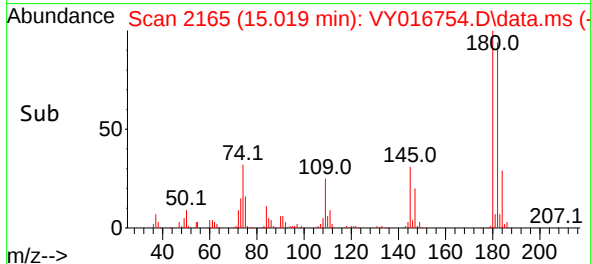
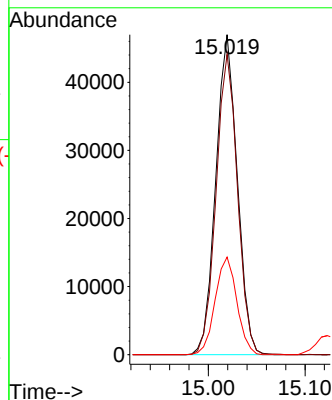
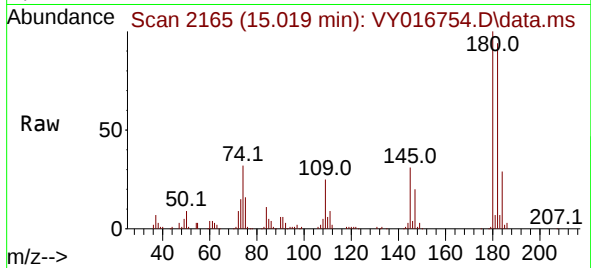
VSTDCCC050

Tgt Ion:180	Resp:	7241
Ion Ratio	Lower	Upper
180	100	
182	93.5	47.9 143.7
145	30.8	15.9 47.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/22/2023
Supervised By :Semsettin Yesilyurt 12/22/2023



#94

Hexachlorobutadiene

Concen: 56.483 ug/l

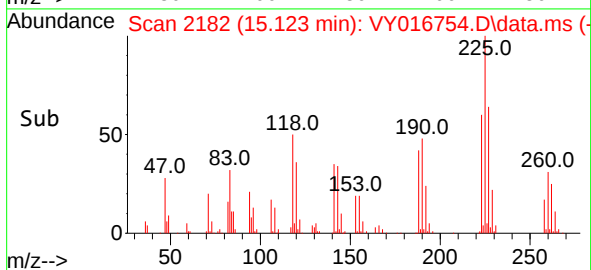
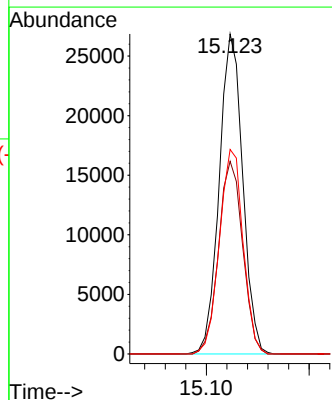
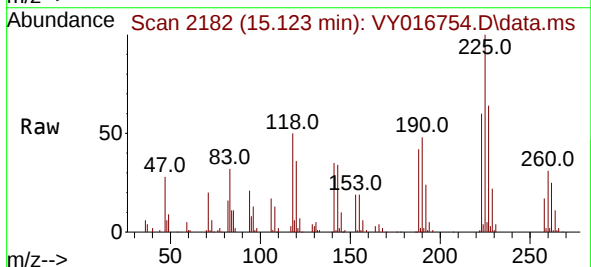
RT: 15.123 min Scan# 2182

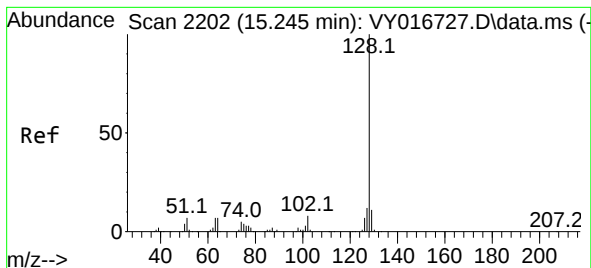
Delta R.T. 0.000 min

Lab File: VY016754.D

Acq: 21 Dec 2023 11:16

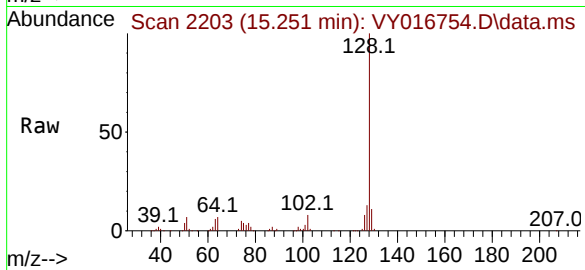
Tgt Ion:225	Resp:	42502
Ion Ratio	Lower	Upper
225	100	
223	61.9	31.4 94.3
227	64.6	32.3 96.8





#95
Naphthalene
Concen: 45.405 ug/l
RT: 15.251 min Scan# 21
Delta R.T. 0.006 min
Lab File: VY016754.D
Acq: 21 Dec 2023 11:16

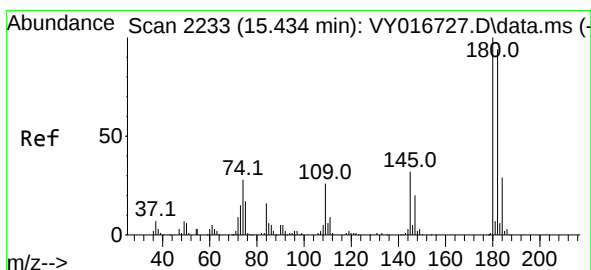
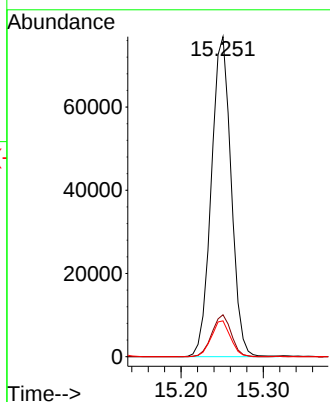
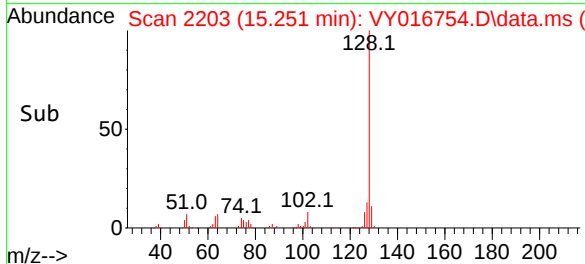
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



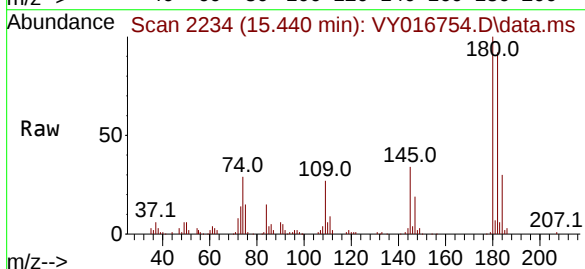
Tgt Ion:128 Resp: 12847
Ion Ratio Lower Upper
128 100
127 12.9 10.2 15.4
129 10.9 8.6 12.8

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 12/22/2023
Supervised By :Semsettin Yesilyurt 12/22/2023



#96
1,2,3-Trichlorobenzene
Concen: 52.971 ug/l
RT: 15.440 min Scan# 2234
Delta R.T. 0.006 min
Lab File: VY016754.D
Acq: 21 Dec 2023 11:16



Tgt Ion:180 Resp: 59768
Ion Ratio Lower Upper
180 100
182 95.2 46.3 138.8
145 33.4 16.1 48.2

