

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122123\
 Data File : VY016774.D
 Acq On : 21 Dec 2023 22:04
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

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

Quant Time: Dec 22 00:47:00 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

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

Internal Standards						
1) Pentafluorobenzene	7.813	168	127554	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.716	114	228932	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.508	117	199668	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	86240	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.167	65	74526	64.002	ug/l	0.01
Spiked Amount 50.000	Range 50 - 163		Recovery = 128.000%			
35) Dibromofluoromethane	7.746	113	77453	59.062	ug/l	0.02
Spiked Amount 50.000	Range 54 - 147		Recovery = 118.120%			
50) Toluene-d8	10.203	98	279274	59.076	ug/l	0.01
Spiked Amount 50.000	Range 58 - 134		Recovery = 118.160%			
62) 4-Bromofluorobenzene	12.502	95	89246	58.190	ug/l	0.01
Spiked Amount 50.000	Range 30 - 143		Recovery = 116.380%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.918	85	49523	45.431	ug/l	96
3) Chloromethane	2.125	50	91608	54.673	ug/l	97
4) Vinyl Chloride	2.266	62	100630	53.170	ug/l	100
5) Bromomethane	2.674	94	75753	56.197	ug/l	94
6) Chloroethane	2.814	64	70588	55.042	ug/l	98
7) Trichlorofluoromethane	3.150	101	110765	50.240	ug/l	97
8) Diethyl Ether	3.552	74	40520	57.452	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.930	101	68308	50.507	ug/l	99
10) Methyl Iodide	4.125	142	72262	51.275	ug/l	99
11) Tert butyl alcohol	4.985	59	26941	282.184	ug/l	100
12) 1,1-Dichloroethene	3.906	96	64641	53.680	ug/l	96
13) Acrolein	3.753	56	21576	292.899	ug/l	99
14) Allyl chloride	4.515	41	108146	58.635	ug/l	98
15) Acrylonitrile	5.198	53	95919	321.145	ug/l	100
16) Acetone	3.973	43	81196	257.867	ug/l	100
17) Carbon Disulfide	4.229	76	185606	56.648	ug/l	99
18) Methyl Acetate	4.509	43	86774	70.517	ug/l	100
19) Methyl tert-butyl Ether	5.259	73	185810	59.970	ug/l	100
20) Methylene Chloride	4.753	84	82784	52.674	ug/l	99
21) trans-1,2-Dichloroethene	5.259	96	79332	57.765	ug/l	96
22) Diisopropyl ether	6.149	45	256474	61.464	ug/l	95
23) Vinyl Acetate	6.094	43	554862	281.154	ug/l	100
24) 1,1-Dichloroethane	6.051	63	144656	57.710	ug/l	99
25) 2-Butanone	7.015	43	121709	280.742	ug/l	97
26) 2,2-Dichloropropane	7.015	77	113153	51.729	ug/l	100
27) cis-1,2-Dichloroethene	7.015	96	91712	58.024	ug/l	98
28) Bromochloromethane	7.362	49	61452	61.941	ug/l	98
29) Tetrahydrofuran	7.380	42	78612	331.625	ug/l	99
30) Chloroform	7.533	83	150028	58.467	ug/l	99
31) Cyclohexane	7.813	56	111243	49.862	ug/l	97
32) 1,1,1-Trichloroethane	7.728	97	122067	54.193	ug/l	99
36) 1,1-Dichloropropene	7.947	75	110333	52.481	ug/l	98
37) Ethyl Acetate	7.100	43	51468	57.116	ug/l	100
38) Carbon Tetrachloride	7.929	117	104328	50.149	ug/l	98
39) Methylcyclohexane	9.209	83	121664	50.123	ug/l	98
40) Benzene	8.185	78	335337	54.812	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.344	41	29553	61.770	ug/l	96
42) 1,2-Dichloroethane	8.264	62	91054	57.047	ug/l	99
43) Isopropyl Acetate	8.295	43	102549	58.594	ug/l	99
44) Trichloroethene	8.966	130	81996	52.511	ug/l	97
45) 1,2-Dichloropropane	9.240	63	85559	55.751	ug/l	99
46) Dibromomethane	9.325	93	45288	57.124	ug/l	98
47) Bromodichloromethane	9.520	83	116865	55.927	ug/l	97
48) Methyl methacrylate	9.313	41	57815	59.438	ug/l	97
49) 1,4-Dioxane	9.325	88	8904	1157.129	ug/l	96
51) 4-Methyl-2-Pentanone	10.087	43	286370	307.097	ug/l	100
52) Toluene	10.264	92	205651	56.093	ug/l	100
53) t-1,3-Dichloropropene	10.484	75	107308	56.319	ug/l	99
54) cis-1,3-Dichloropropene	9.947	75	127392	55.430	ug/l	98
55) 1,1,2-Trichloroethane	10.666	97	63729	56.340	ug/l	99
56) Ethyl methacrylate	10.526	69	60687	61.013	ug/l	98
57) 1,3-Dichloropropane	10.807	76	109478	56.982	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.801	63	165655	309.589	ug/l	99
59) 2-Hexanone	10.849	43	194760	280.097	ug/l	100
60) Dibromochloromethane	11.002	129	74324	56.800	ug/l	100
61) 1,2-Dibromoethane	11.112	107	58376	57.547	ug/l	99
64) Tetrachloroethene	10.740	164	65194	52.562	ug/l	95
65) Chlorobenzene	11.538	112	210444	53.644	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.611	131	77854	52.747	ug/l	98
67) Ethyl Benzene	11.611	91	387357	53.647	ug/l	99
68) m/p-Xylenes	11.721	106	287892	107.973	ug/l	100
69) o-Xylene	12.050	106	133213	54.459	ug/l	98
70) Styrene	12.063	104	200352	55.352	ug/l	99
71) Bromoform	12.227	173	41243	56.047	ug/l #	99
73) Isopropylbenzene	12.349	105	359115	53.468	ug/l	100
74) N-amyl acetate	12.160	43	80951	57.430	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.599	83	74935	55.831	ug/l	99
76) 1,2,3-Trichloropropane	12.648	75	50822m	53.310	ug/l	
77) Bromobenzene	12.630	156	77406	52.828	ug/l	95
78) n-propylbenzene	12.691	91	431429	53.017	ug/l	99
79) 2-Chlorotoluene	12.776	91	240080	53.317	ug/l	100
80) 1,3,5-Trimethylbenzene	12.831	105	287940	54.158	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.398	75	21867	53.867	ug/l	98
82) 4-Chlorotoluene	12.873	91	248436	53.780	ug/l	99
83) tert-Butylbenzene	13.093	119	246103	53.216	ug/l	98
84) 1,2,4-Trimethylbenzene	13.136	105	288076	54.949	ug/l	99
85) sec-Butylbenzene	13.270	105	360666	52.653	ug/l	100
86) p-Isopropyltoluene	13.386	119	302539	53.035	ug/l	100
87) 1,3-Dichlorobenzene	13.386	146	149590	52.240	ug/l	100
88) 1,4-Dichlorobenzene	13.465	146	145619	52.079	ug/l	99
89) n-Butylbenzene	13.715	91	286767	52.588	ug/l	99
90) Hexachloroethane	13.977	117	62211	52.373	ug/l	97
91) 1,2-Dichlorobenzene	13.757	146	131252	53.804	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.373	75	9508	54.649	ug/l	99
93) 1,2,4-Trichlorobenzene	15.025	180	67544	52.181	ug/l	98
94) Hexachlorobutadiene	15.129	225	36412	49.527	ug/l	100
95) Naphthalene	15.251	128	137354	49.343	ug/l	100
96) 1,2,3-Trichlorobenzene	15.440	180	58376	52.953	ug/l	98

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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

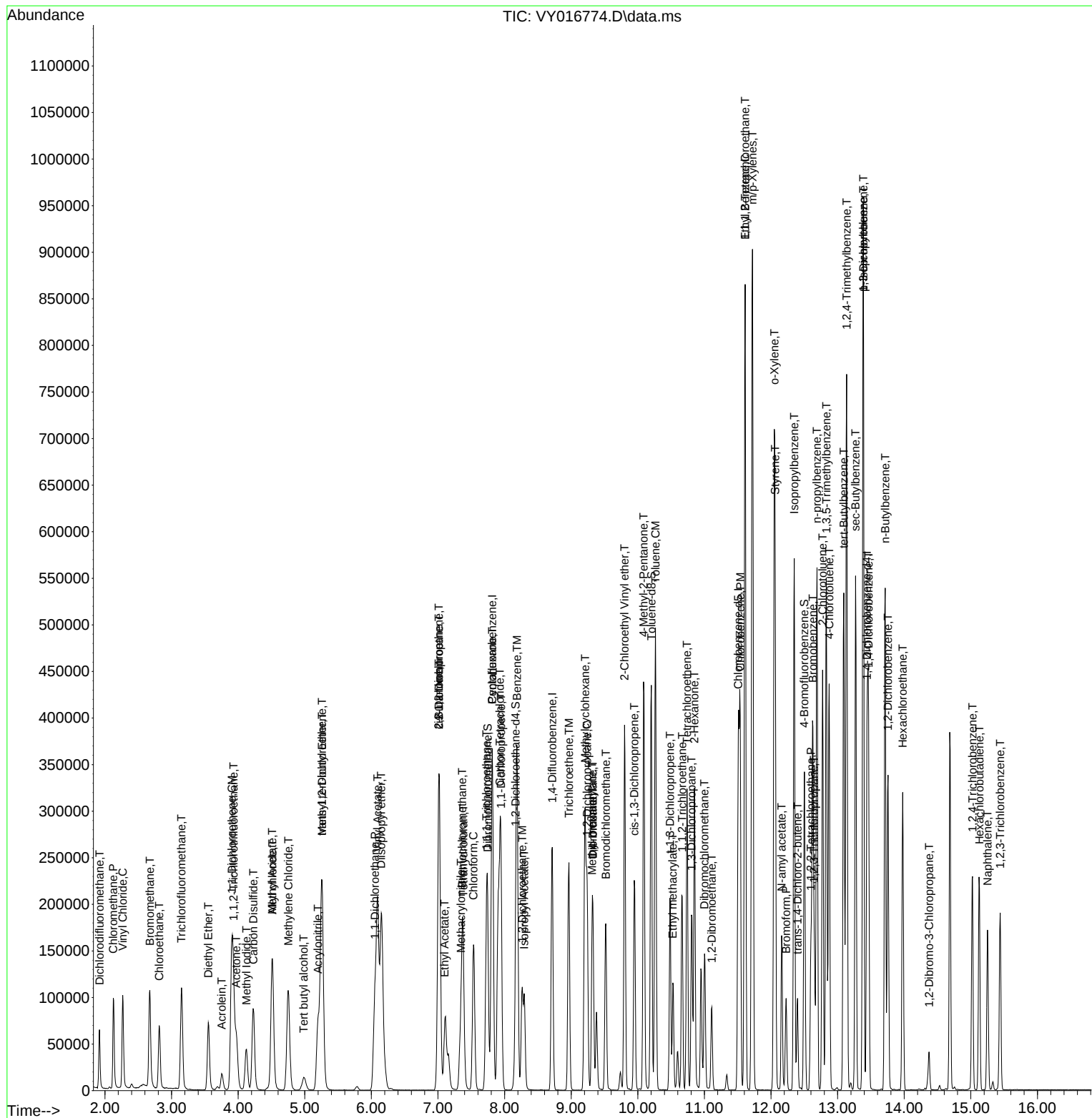
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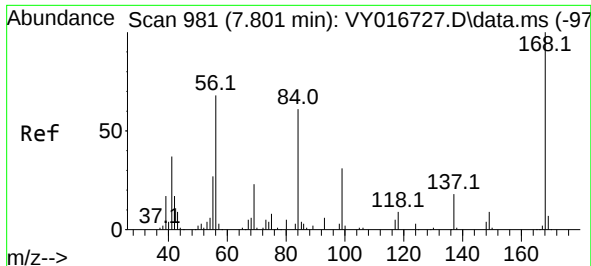
Instrument :
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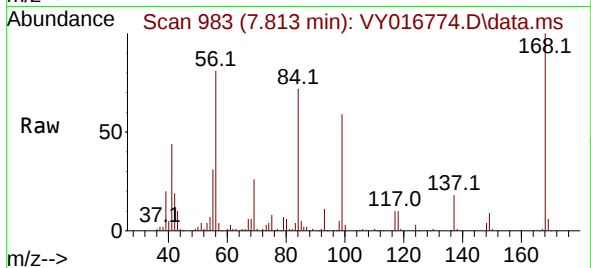
Reviewed By :Mahesh Dadoda 12/22/2023
 Supervised By :Semsettin Yesilyurt 12/22/2023





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.813 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY016774.D
Acq: 21 Dec 2023 22:04

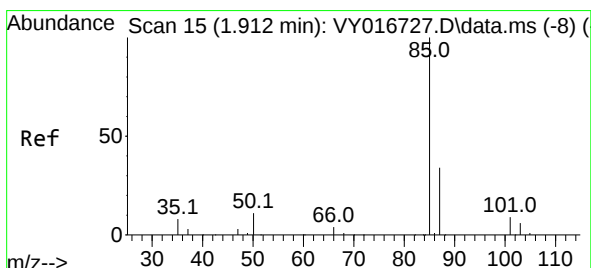
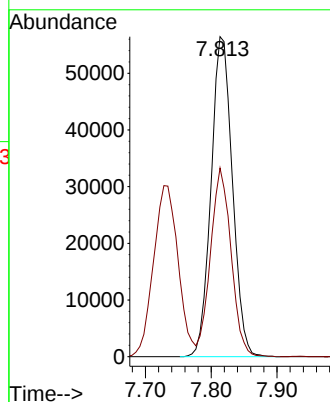
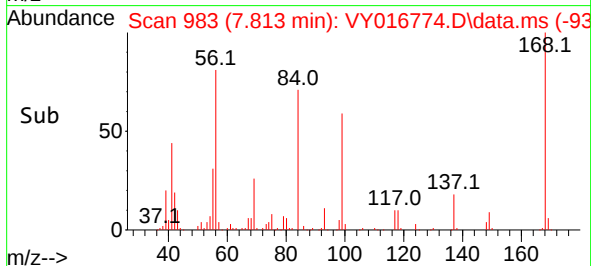
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion:168 Resp: 127554
Ion Ratio Lower Upper
168 100
99 59.0 44.2 66.4

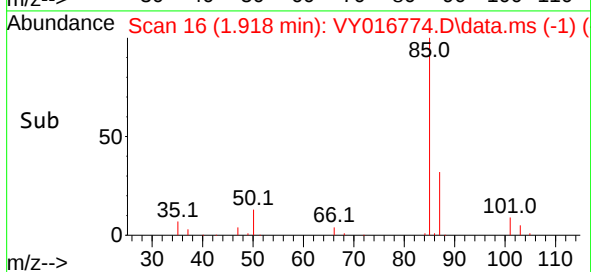
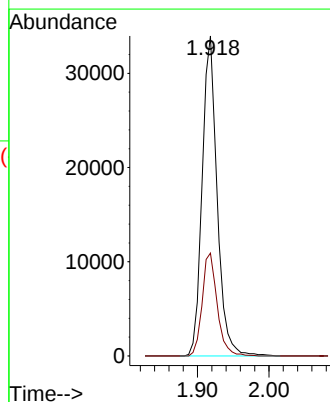
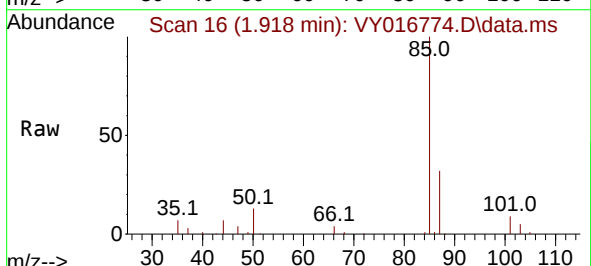
Manual Integrations
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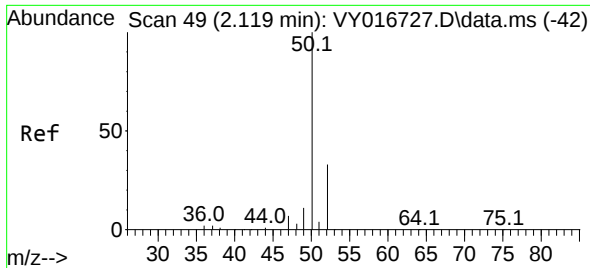
Reviewed By :Mahesh Dadoda 12/22/2023
Supervised By :Semsettin Yesilyurt 12/22/2023



#2
Dichlorodifluoromethane
Concen: 45.431 ug/l
RT: 1.918 min Scan# 16
Delta R.T. 0.006 min
Lab File: VY016774.D
Acq: 21 Dec 2023 22:04

Tgt Ion: 85 Resp: 49523
Ion Ratio Lower Upper
85 100
87 32.2 17.1 51.3





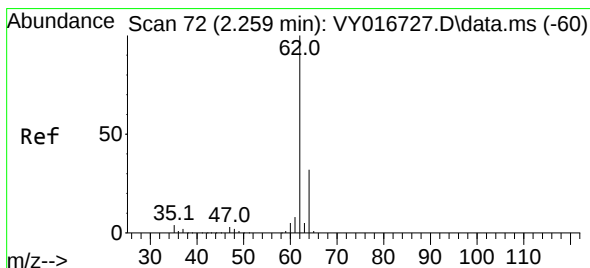
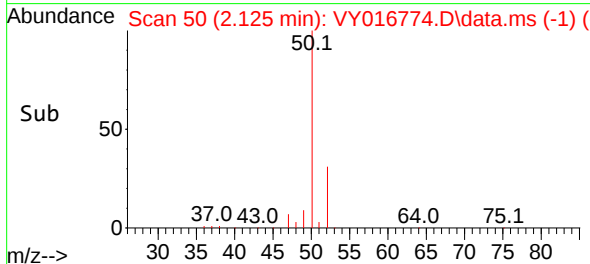
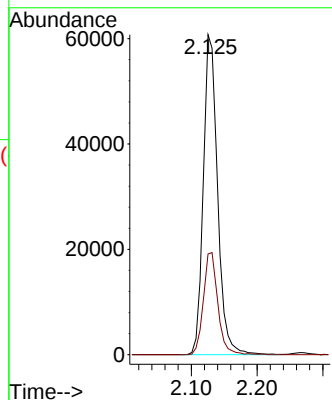
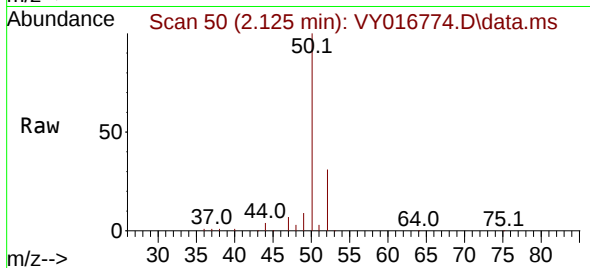
#3
Chloromethane
Concen: 54.673 ug/l
RT: 2.125 min Scan# 50
Delta R.T. 0.006 min
Lab File: VY016774.D
Acq: 21 Dec 2023 22:04

Instrument :
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ClientSampleId :
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Tgt Ion: 50 Resp: 91608
Ion Ratio Lower Upper
50 100
52 31.5 26.7 40.1

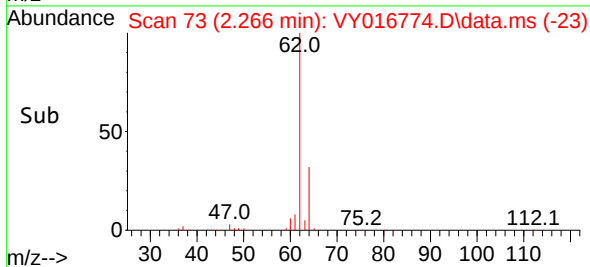
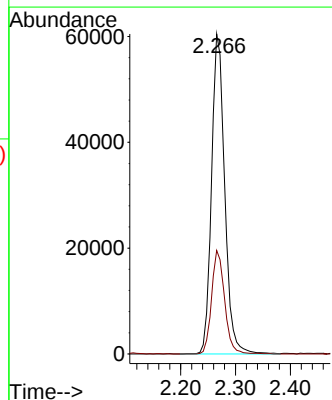
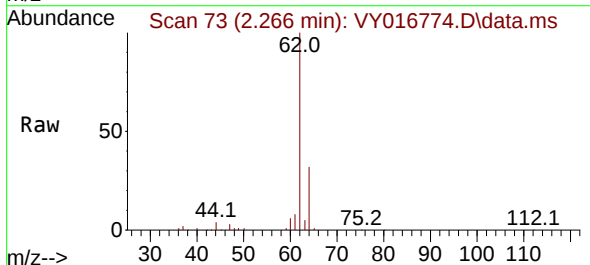
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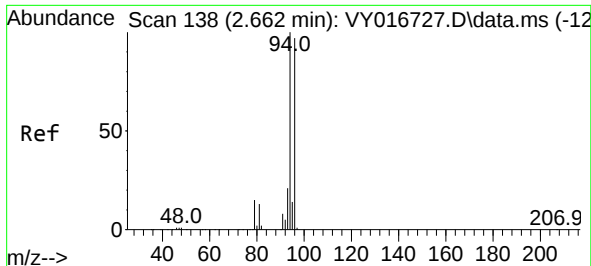
Reviewed By :Mahesh Dadoda 12/22/2023
Supervised By :Semsettin Yesilyurt 12/22/2023



#4
Vinyl Chloride
Concen: 53.170 ug/l
RT: 2.266 min Scan# 73
Delta R.T. 0.006 min
Lab File: VY016774.D
Acq: 21 Dec 2023 22:04

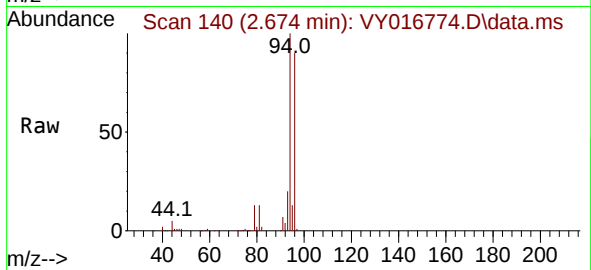
Tgt Ion: 62 Resp: 100630
Ion Ratio Lower Upper
62 100
64 32.3 25.7 38.5





#5
Bromomethane
Concen: 56.197 ug/l
RT: 2.674 min Scan# 14
Delta R.T. 0.012 min
Lab File: VY016774.D
Acq: 21 Dec 2023 22:04

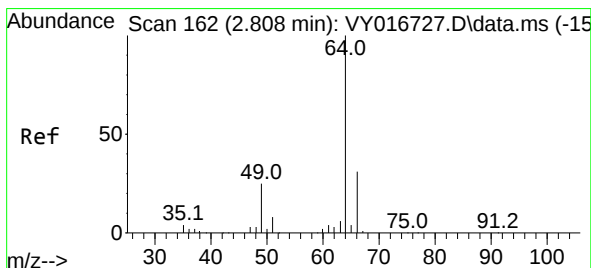
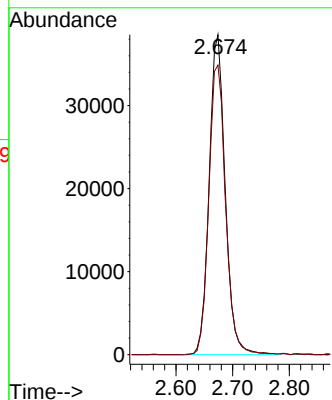
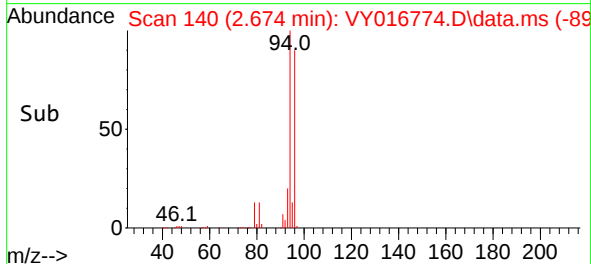
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Tgt Ion: 94 Resp: 7575
Ion Ratio Lower Upper
94 100
96 90.5 77.3 115.9

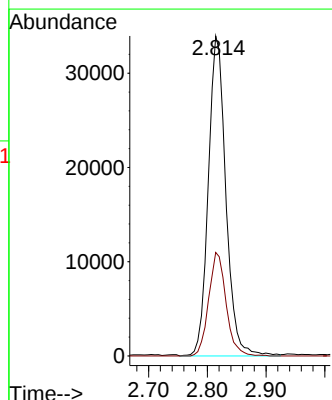
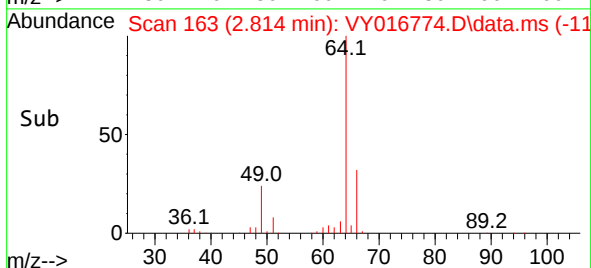
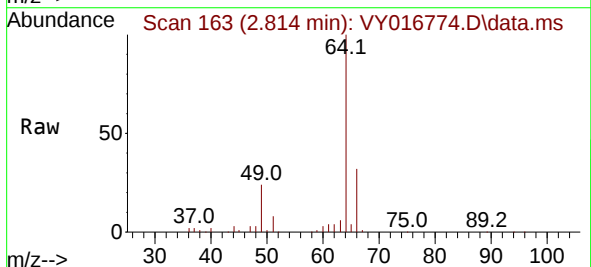
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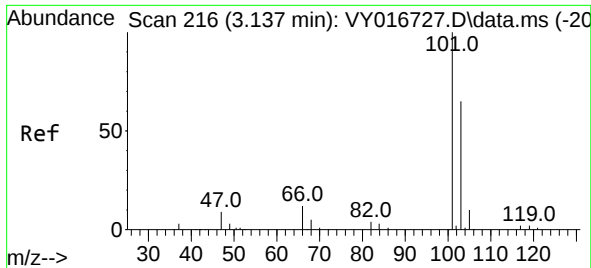
Reviewed By :Mahesh Dadoda 12/22/2023
Supervised By :Semsettin Yesilyurt 12/22/2023



#6
Chloroethane
Concen: 55.042 ug/l
RT: 2.814 min Scan# 163
Delta R.T. 0.006 min
Lab File: VY016774.D
Acq: 21 Dec 2023 22:04

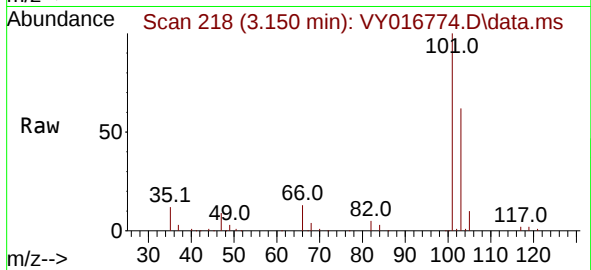
Tgt Ion: 64 Resp: 70588
Ion Ratio Lower Upper
64 100
66 32.4 25.1 37.7





#7
Trichlorofluoromethane
Concen: 50.240 ug/l
RT: 3.150 min Scan# 216
Delta R.T. 0.012 min
Lab File: VY016774.D
Acq: 21 Dec 2023 22:04

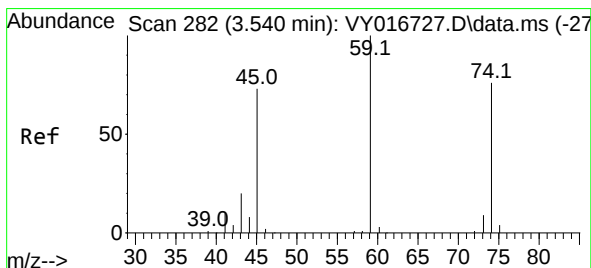
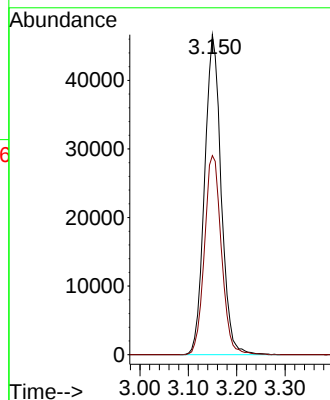
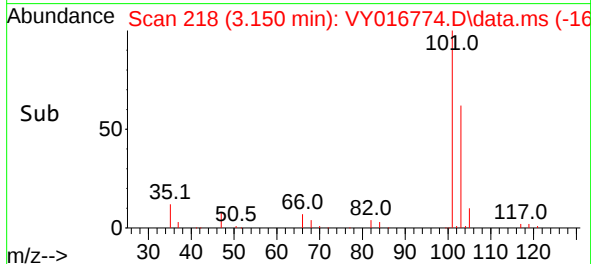
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Tgt Ion:101 Resp: 11076
Ion Ratio Lower Upper
101 100
103 62.2 51.9 77.9

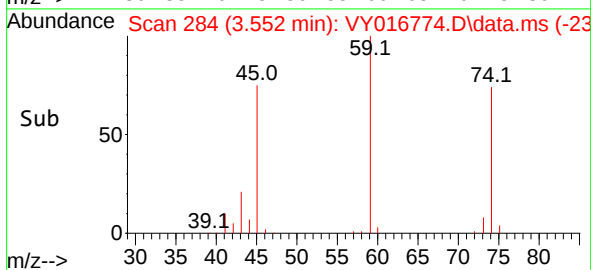
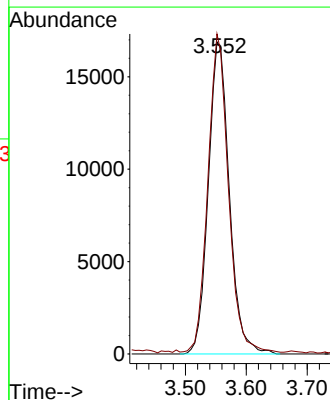
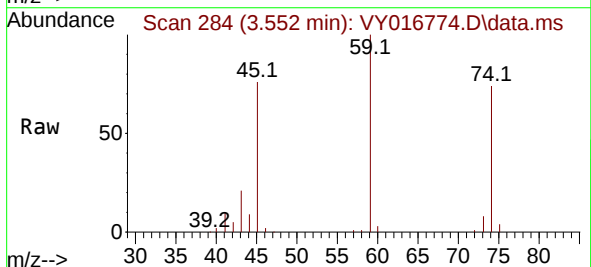
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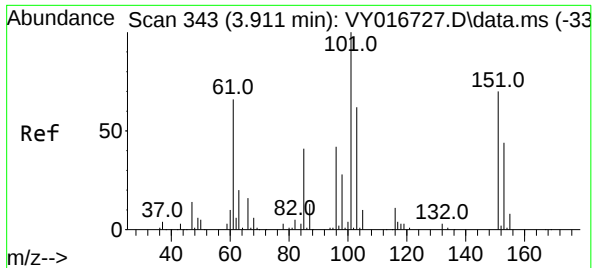
Reviewed By :Mahesh Dadoda 12/22/2023
Supervised By :Semsettin Yesilyurt 12/22/2023



#8
Diethyl Ether
Concen: 57.452 ug/l
RT: 3.552 min Scan# 284
Delta R.T. 0.012 min
Lab File: VY016774.D
Acq: 21 Dec 2023 22:04

Tgt Ion: 74 Resp: 40520
Ion Ratio Lower Upper
74 100
45 98.9 47.9 143.7





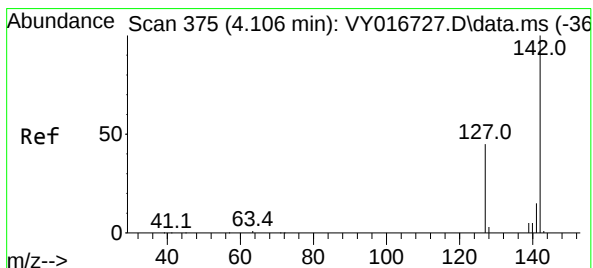
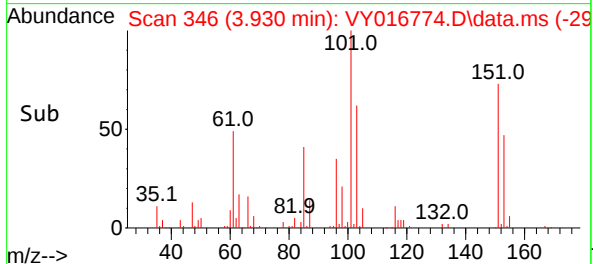
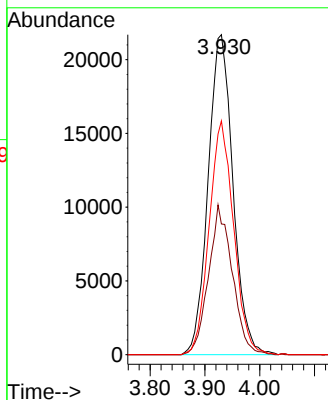
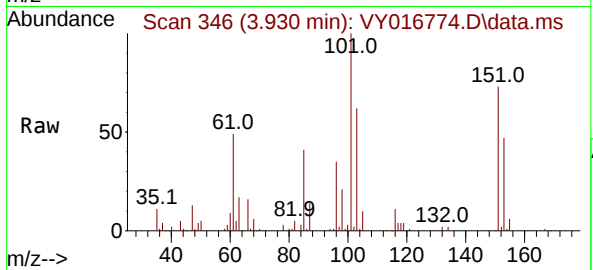
#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.507 ug/l
RT: 3.930 min Scan# 343
Delta R.T. 0.018 min
Lab File: VY016774.D
Acq: 21 Dec 2023 22:04

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 68308
Ion Ratio Lower Upper
101 100
85 44.8 35.8 53.6
151 72.1 58.6 88.0

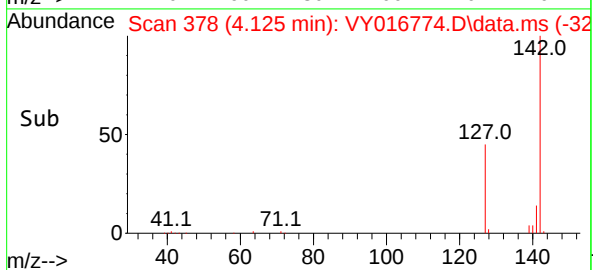
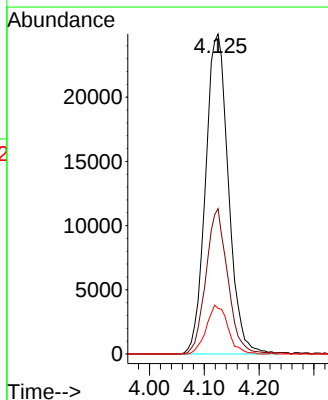
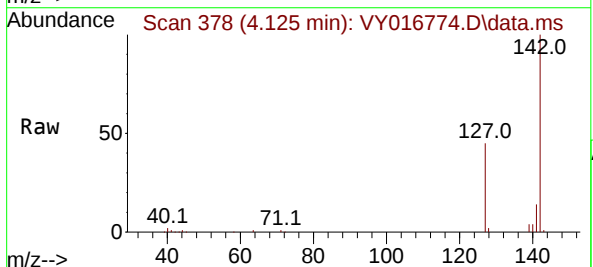
Manual Integrations
APPROVED

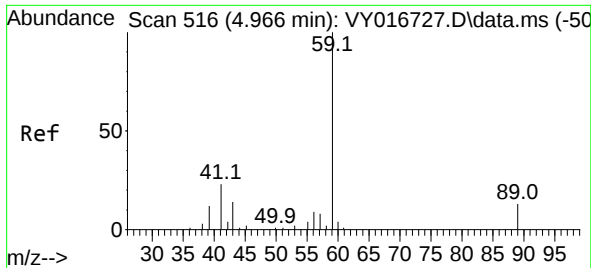
Reviewed By :Mahesh Dadoda 12/22/2023
Supervised By :Semsettin Yesilyurt 12/22/2023



#10
Methyl Iodide
Concen: 51.275 ug/l
RT: 4.125 min Scan# 378
Delta R.T. 0.018 min
Lab File: VY016774.D
Acq: 21 Dec 2023 22:04

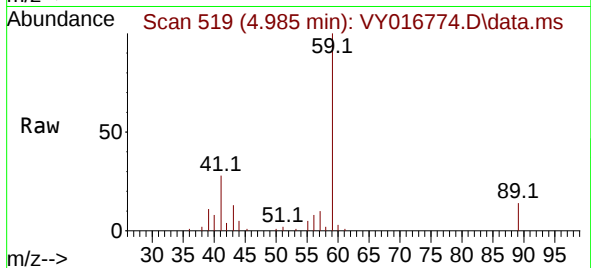
Tgt Ion:142 Resp: 72262
Ion Ratio Lower Upper
142 100
127 43.2 35.1 52.7
141 14.4 11.8 17.6





#11
Tert butyl alcohol
Concen: 282.184 ug/l
RT: 4.985 min Scan# 516
Delta R.T. 0.019 min
Lab File: VY016774.D
Acq: 21 Dec 2023 22:04

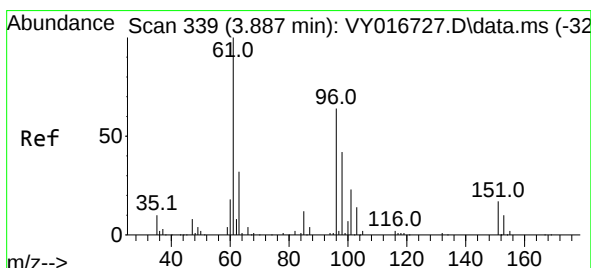
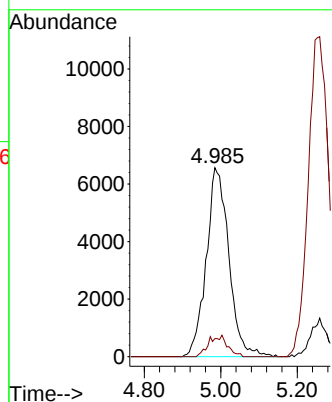
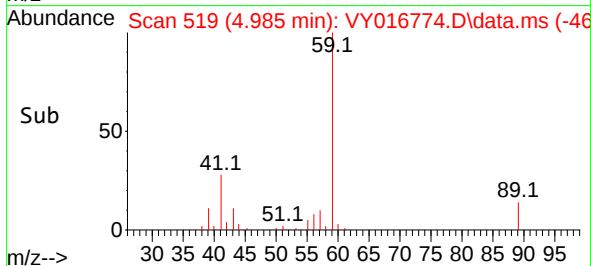
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 59 Resp: 2694
Ion Ratio Lower Upper
59 100
57 9.3 7.4 11.0

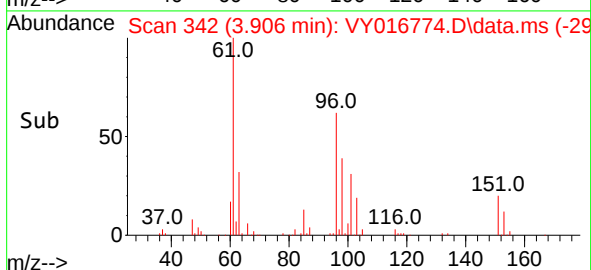
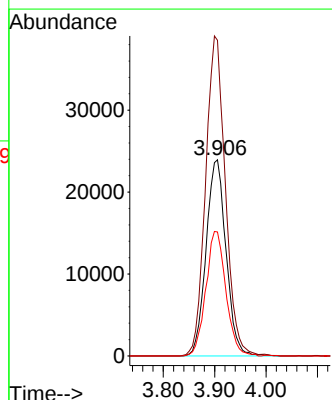
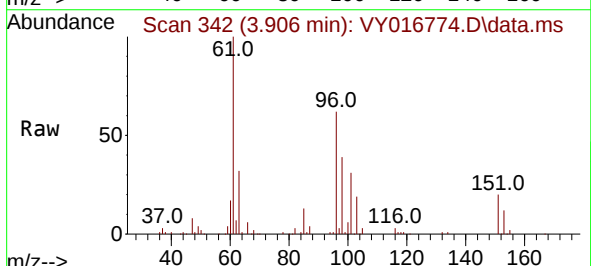
Manual Integrations
APPROVED

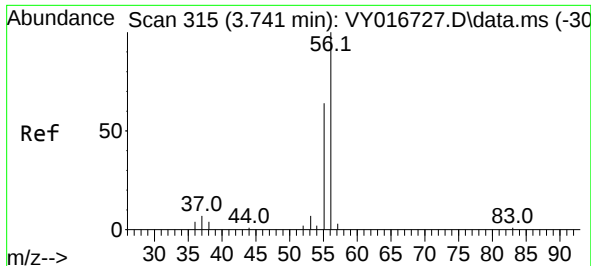
Reviewed By :Mahesh Dadoda 12/22/2023
Supervised By :Semsettin Yesilyurt 12/22/2023



#12
1,1-Dichloroethene
Concen: 53.680 ug/l
RT: 3.906 min Scan# 342
Delta R.T. 0.018 min
Lab File: VY016774.D
Acq: 21 Dec 2023 22:04

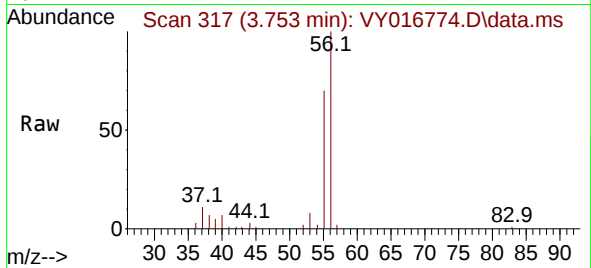
Tgt Ion: 96 Resp: 64641
Ion Ratio Lower Upper
96 100
61 160.9 124.2 186.2
98 63.2 52.6 79.0





#13
Acrolein
Concen: 292.899 ug/l
RT: 3.753 min Scan# 315
Delta R.T. 0.012 min
Lab File: VY016774.D
Acq: 21 Dec 2023 22:04

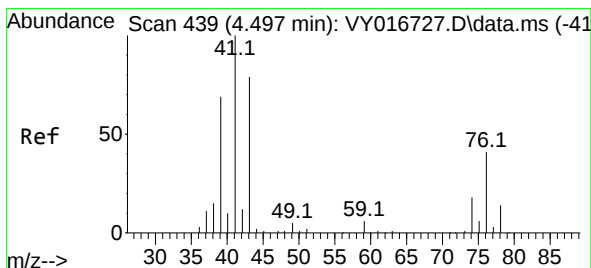
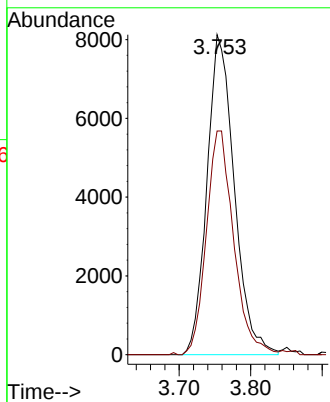
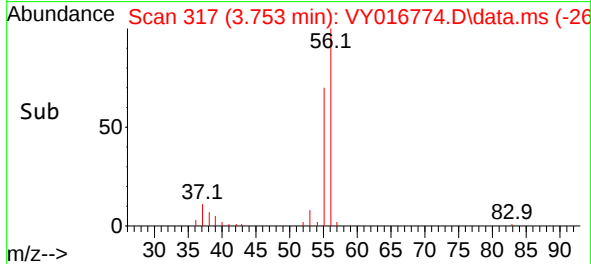
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 21570
Ion Ratio Lower Upper
56 100
55 69.8 55.4 83.0

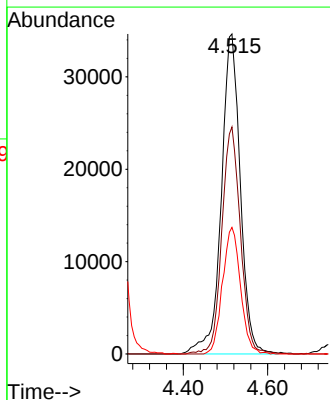
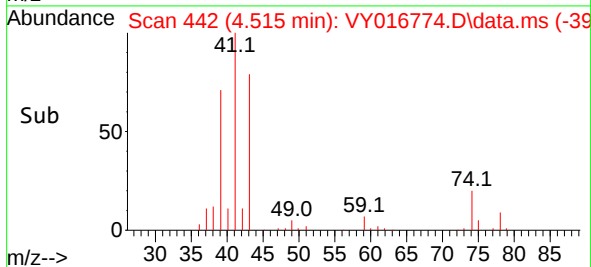
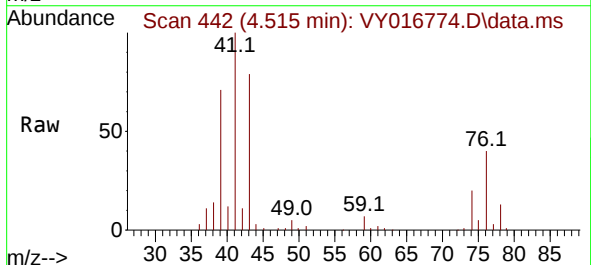
Manual Integrations
APPROVED

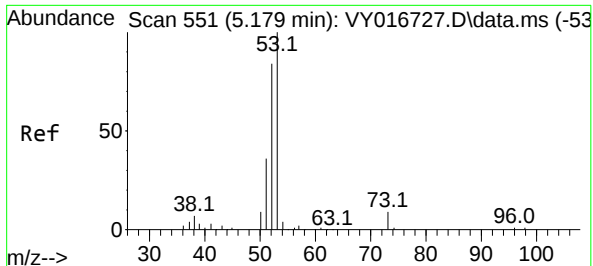
Reviewed By :Mahesh Dadoda 12/22/2023
Supervised By :Semsettin Yesilyurt 12/22/2023



#14
Allyl chloride
Concen: 58.635 ug/l
RT: 4.515 min Scan# 442
Delta R.T. 0.018 min
Lab File: VY016774.D
Acq: 21 Dec 2023 22:04

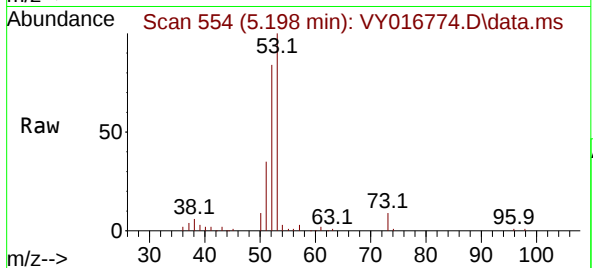
Tgt Ion: 41 Resp: 108146
Ion Ratio Lower Upper
41 100
39 69.2 54.7 82.1
76 37.5 31.8 47.6





#15
Acrylonitrile
Concen: 321.145 ug/l
RT: 5.198 min Scan# 51
Delta R.T. 0.019 min
Lab File: VY016774.D
Acq: 21 Dec 2023 22:04

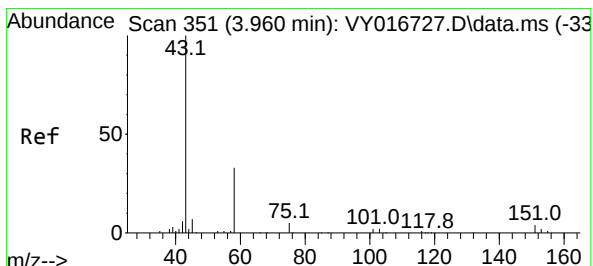
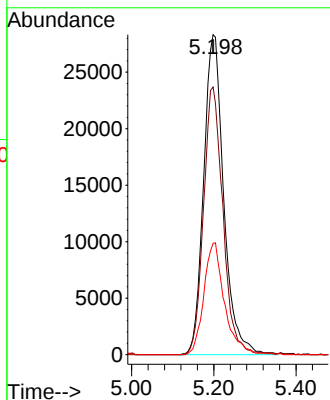
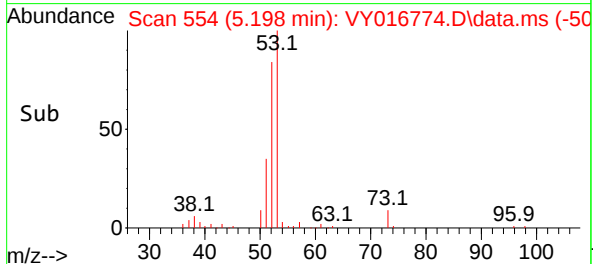
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 95919
Ion Ratio Lower Upper
53 100
52 81.1 65.1 97.7
51 35.8 29.0 43.4

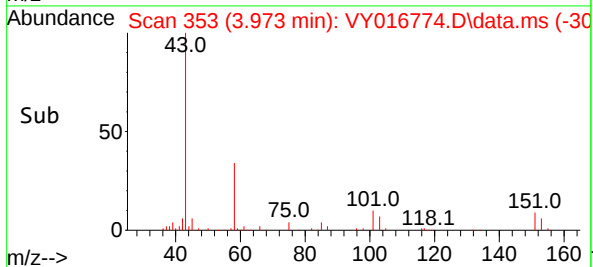
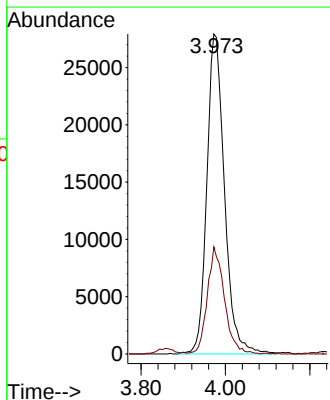
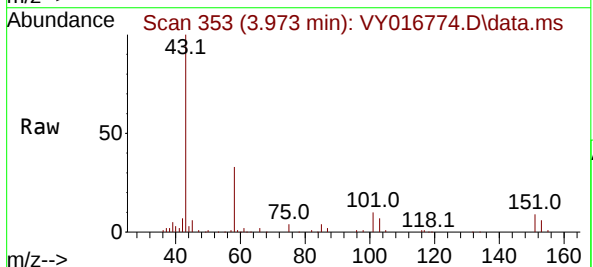
Manual Integrations
APPROVED

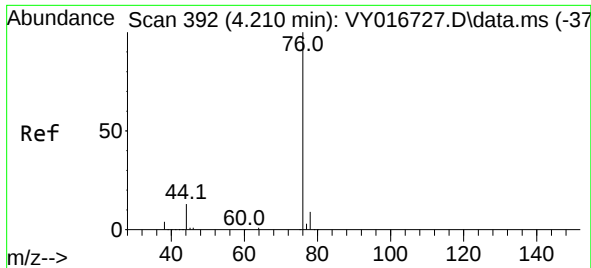
Reviewed By :Mahesh Dadoda 12/22/2023
Supervised By :Semsettin Yesilyurt 12/22/2023



#16
Acetone
Concen: 257.867 ug/l
RT: 3.973 min Scan# 353
Delta R.T. 0.013 min
Lab File: VY016774.D
Acq: 21 Dec 2023 22:04

Tgt Ion: 43 Resp: 81196
Ion Ratio Lower Upper
43 100
58 33.1 26.6 39.8





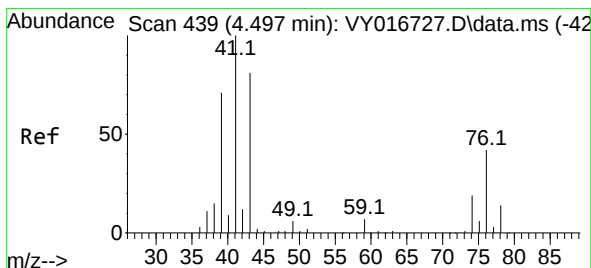
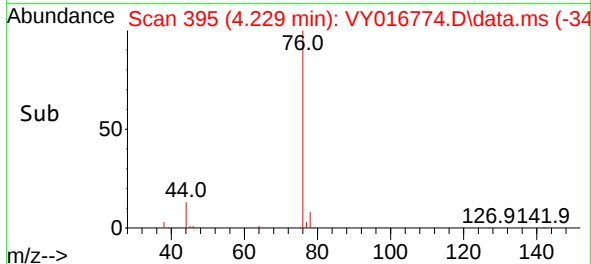
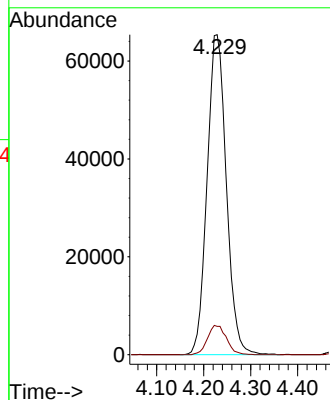
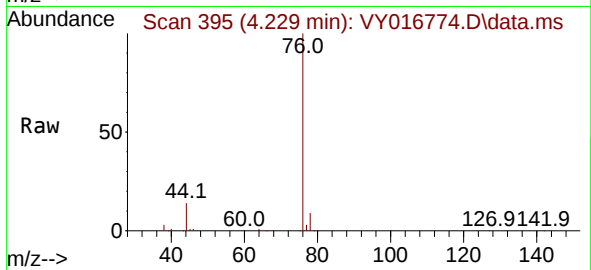
#17
Carbon Disulfide
Concen: 56.648 ug/l
RT: 4.229 min Scan# 392
Delta R.T. 0.019 min
Lab File: VY016774.D
Acq: 21 Dec 2023 22:04

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 76 Resp: 185600
Ion Ratio Lower Upper
76 100
78 8.9 7.4 11.0

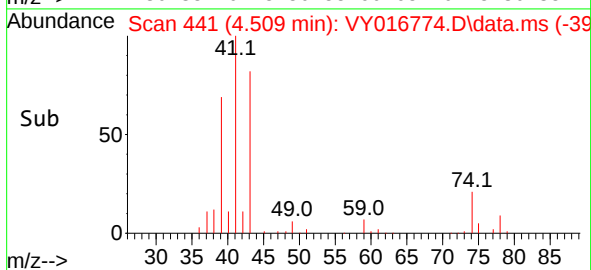
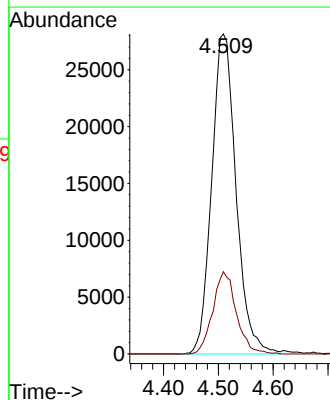
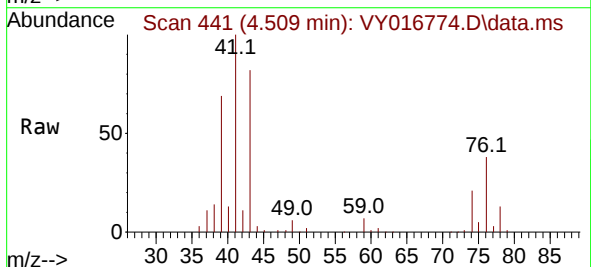
Manual Integrations
APPROVED

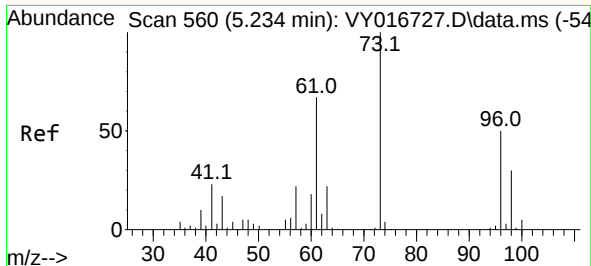
Reviewed By :Mahesh Dadoda 12/22/2023
Supervised By :Semsettin Yesilyurt 12/22/2023



#18
Methyl Acetate
Concen: 70.517 ug/l
RT: 4.509 min Scan# 441
Delta R.T. 0.012 min
Lab File: VY016774.D
Acq: 21 Dec 2023 22:04

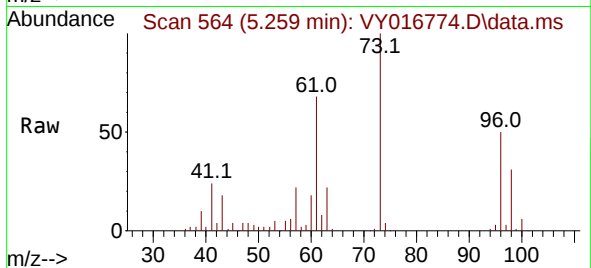
Tgt Ion: 43 Resp: 86774
Ion Ratio Lower Upper
43 100
74 24.8 19.8 29.6





#19
Methyl tert-butyl Ether
Concen: 59.970 ug/l
RT: 5.259 min Scan# 50
Delta R.T. 0.025 min
Lab File: VY016774.D
Acq: 21 Dec 2023 22:04

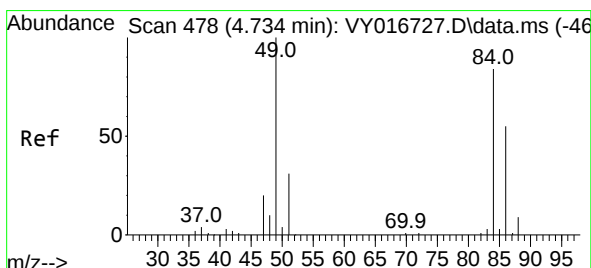
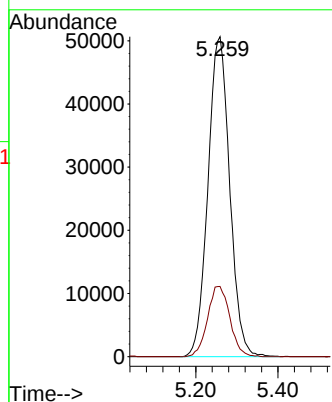
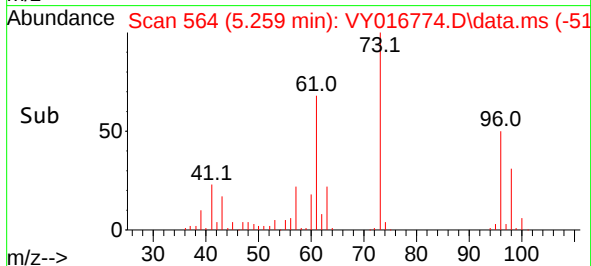
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 73 Resp: 185810
Ion Ratio Lower Upper
73 100
57 22.0 17.7 26.5

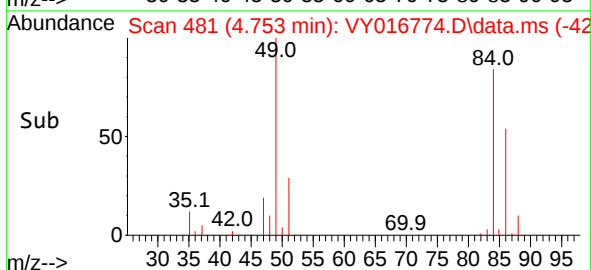
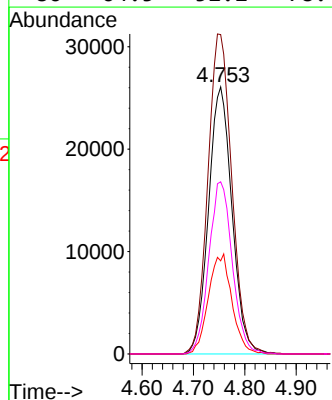
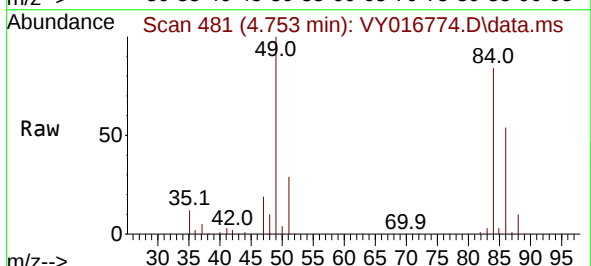
Manual Integrations
APPROVED

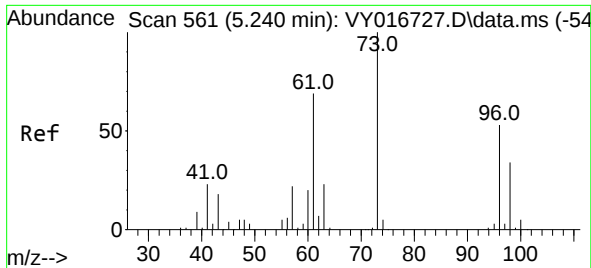
Reviewed By :Mahesh Dadoda 12/22/2023
Supervised By :Semsettin Yesilyurt 12/22/2023



#20
Methylene Chloride
Concen: 52.674 ug/l
RT: 4.753 min Scan# 481
Delta R.T. 0.019 min
Lab File: VY016774.D
Acq: 21 Dec 2023 22:04

Tgt Ion: 84 Resp: 82784
Ion Ratio Lower Upper
84 100
49 119.6 95.2 142.8
51 34.9 29.9 44.9
86 64.5 52.2 78.4





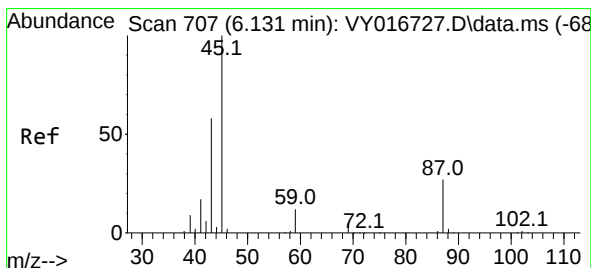
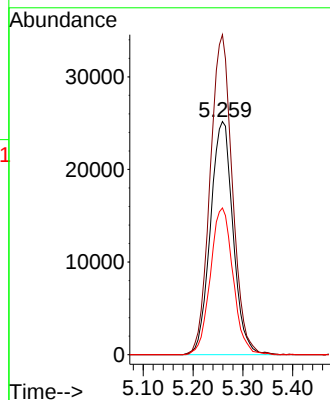
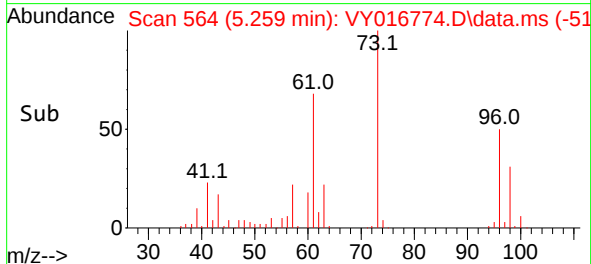
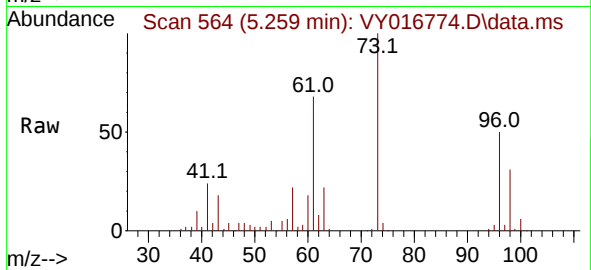
#21
trans-1,2-Dichloroethene
Concen: 57.765 ug/l
RT: 5.259 min Scan# 50
Delta R.T. 0.018 min
Lab File: VY016774.D
Acq: 21 Dec 2023 22:04

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 96 Resp: 7933
Ion Ratio Lower Upper
96 100
61 137.3 104.6 156.8
98 63.0 50.9 76.3

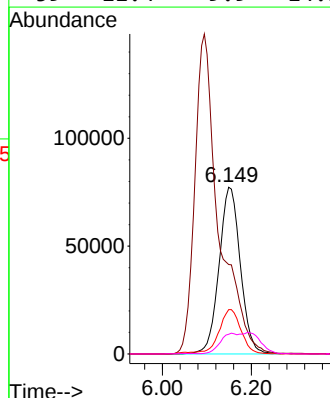
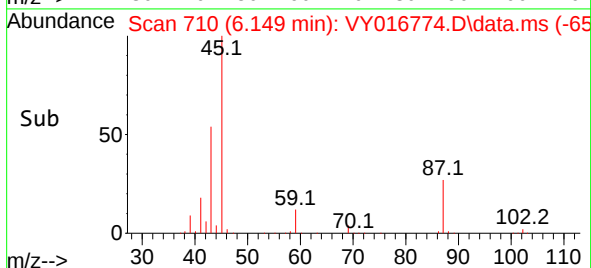
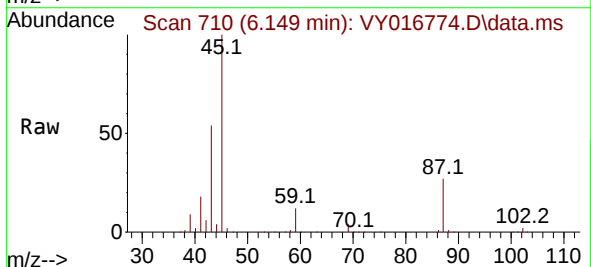
Manual Integrations
APPROVED

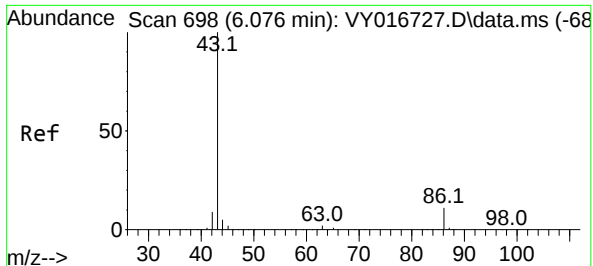
Reviewed By :Mahesh Dadoda 12/22/2023
Supervised By :Semsettin Yesilyurt 12/22/2023



#22
Diisopropyl ether
Concen: 61.464 ug/l
RT: 6.149 min Scan# 710
Delta R.T. 0.018 min
Lab File: VY016774.D
Acq: 21 Dec 2023 22:04

Tgt Ion: 45 Resp: 256474
Ion Ratio Lower Upper
45 100
43 53.2 46.8 70.2
87 26.6 22.2 33.2
59 11.4 9.9 14.9





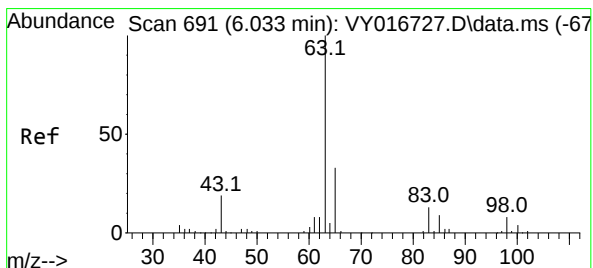
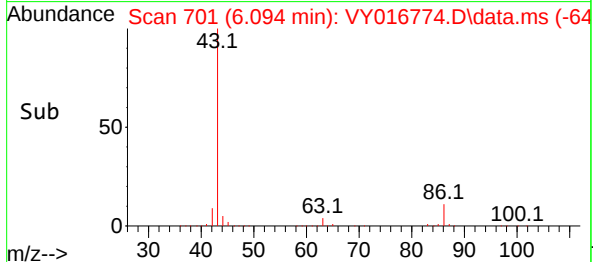
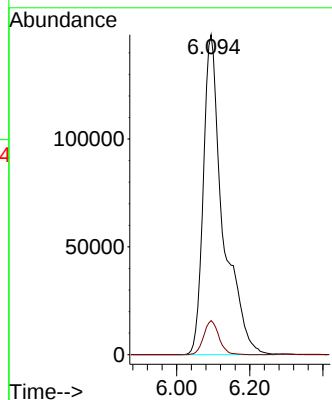
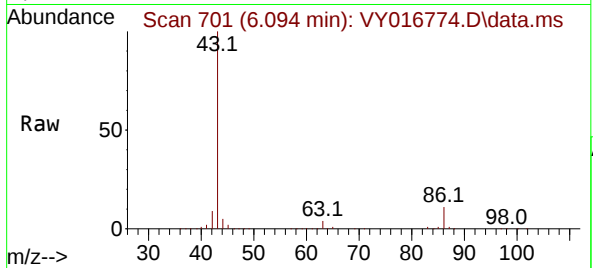
#23
 Vinyl Acetate
 Concen: 281.154 ug/l
 RT: 6.094 min Scan# 701
 Delta R.T. 0.018 min
 Lab File: VY016774.D
 Acq: 21 Dec 2023 22:04

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 43 Resp: 55486
 Ion Ratio Lower Upper
 43 100
 86 10.7 8.6 13.0

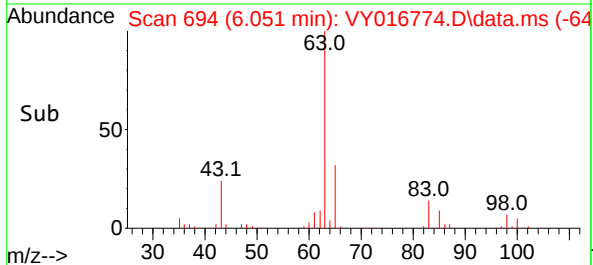
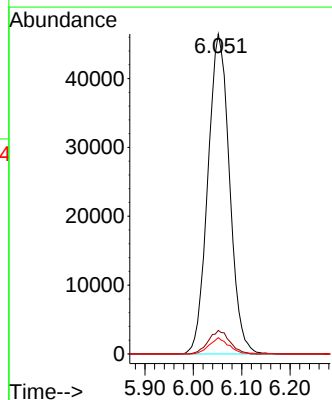
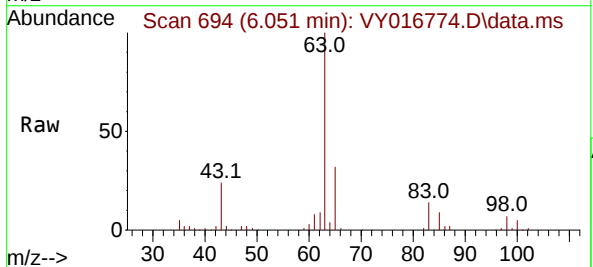
Manual Integrations
 APPROVED

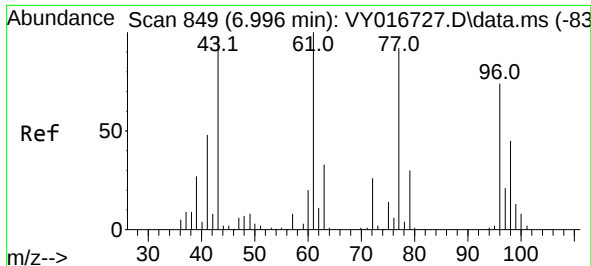
Reviewed By :Mahesh Dadoda 12/22/2023
 Supervised By :Semsettin Yesilyurt 12/22/2023



#24
 1,1-Dichloroethane
 Concen: 57.710 ug/l
 RT: 6.051 min Scan# 694
 Delta R.T. 0.018 min
 Lab File: VY016774.D
 Acq: 21 Dec 2023 22:04

Tgt Ion: 63 Resp: 144656
 Ion Ratio Lower Upper
 63 100
 98 7.4 3.8 11.4
 100 5.1 2.1 6.2





#25

2-Butanone

Concen: 280.742 ug/l

RT: 7.015 min Scan# 852

Delta R.T. 0.019 min

Lab File: VY016774.D

Acq: 21 Dec 2023 22:04

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 121709

Ion Ratio Lower Upper

43 100

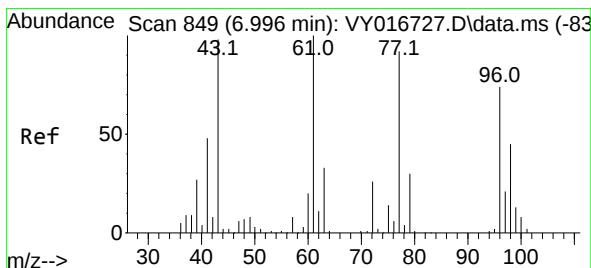
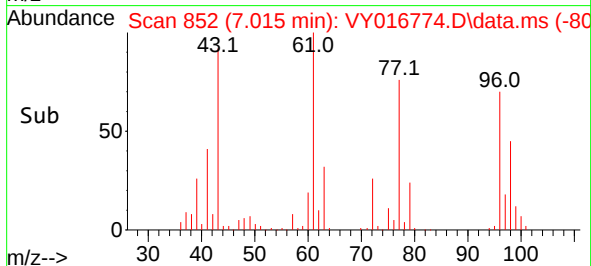
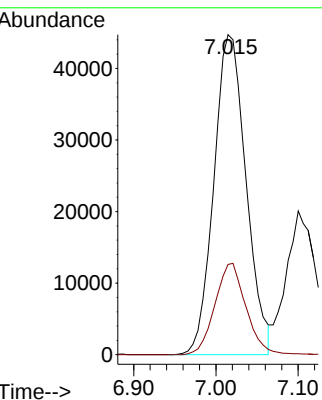
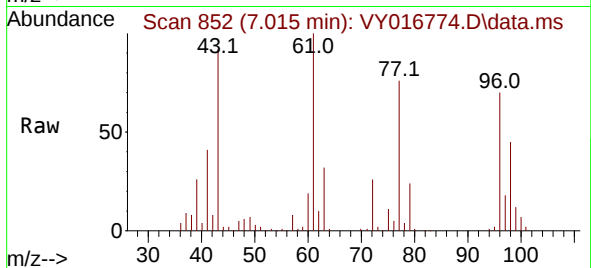
72 28.2 21.4 32.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/22/2023

Supervised By :Semsettin Yesilyurt 12/22/2023



#26

2,2-Dichloropropane

Concen: 51.729 ug/l

RT: 7.015 min Scan# 852

Delta R.T. 0.018 min

Lab File: VY016774.D

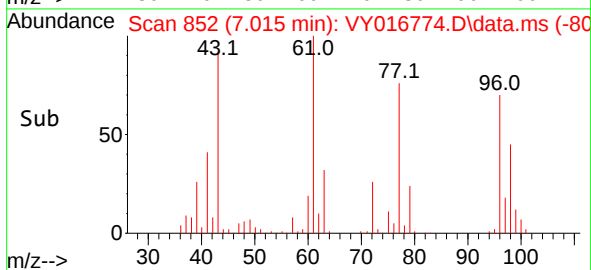
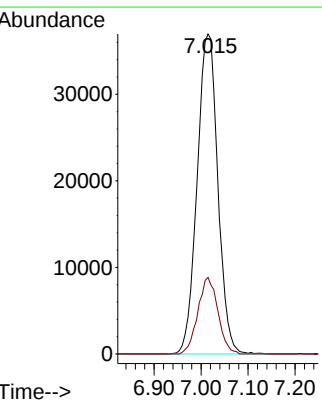
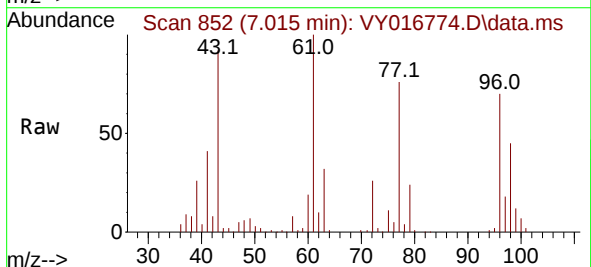
Acq: 21 Dec 2023 22:04

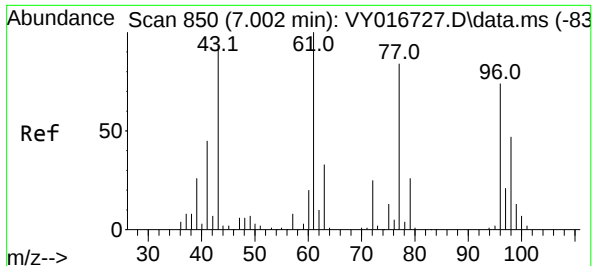
Tgt Ion: 77 Resp: 113153

Ion Ratio Lower Upper

77 100

97 23.1 11.7 35.0





#27

cis-1,2-Dichloroethene

Concen: 58.024 ug/l

RT: 7.015 min Scan# 850

Delta R.T. 0.012 min

Lab File: VY016774.D

Acq: 21 Dec 2023 22:04

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

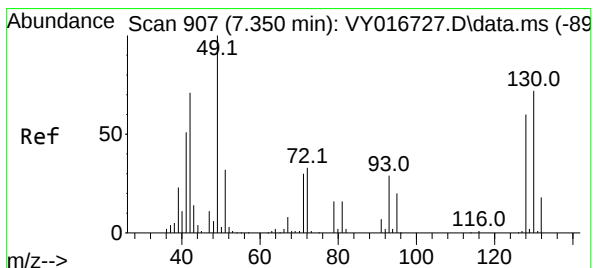
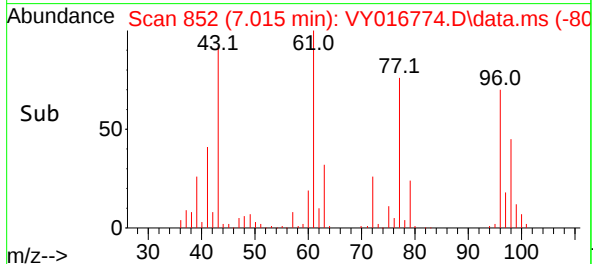
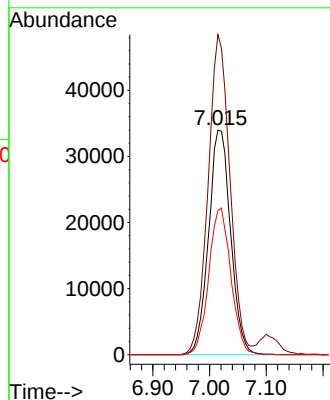
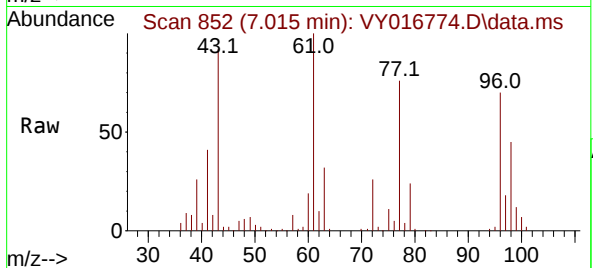
Tgt Ion: 96 Resp: 91712

Ion	Ratio	Lower	Upper
96	100		
61	141.7	0.0	278.8
98	65.6	0.0	127.0

Manual Integrations

APPROVED

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



#28

Bromochloromethane

Concen: 61.941 ug/l

RT: 7.362 min Scan# 909

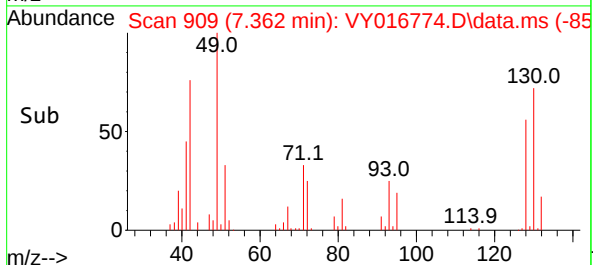
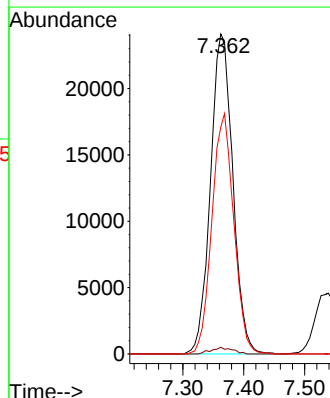
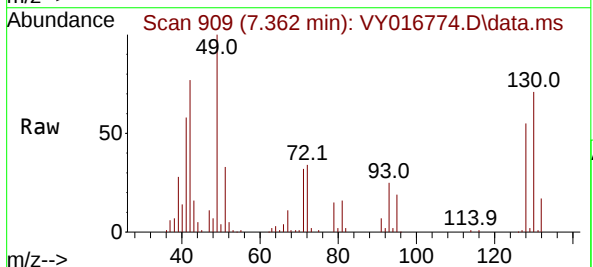
Delta R.T. 0.012 min

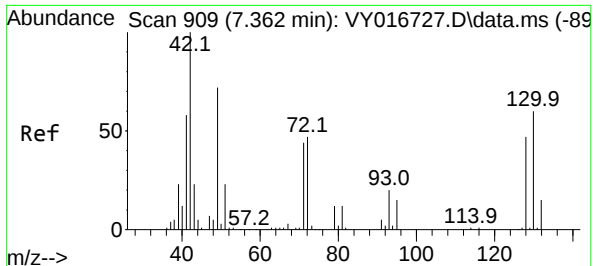
Lab File: VY016774.D

Acq: 21 Dec 2023 22:04

Tgt Ion: 49 Resp: 61452

Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	3.8
130	73.5	59.8	89.8





#29

Tetrahydrofuran

Concen: 331.625 ug/l

RT: 7.380 min Scan# 912

Delta R.T. 0.018 min

Lab File: VY016774.D

Acq: 21 Dec 2023 22:04

Instrument :

MSVOA_Y

ClientSampleId :

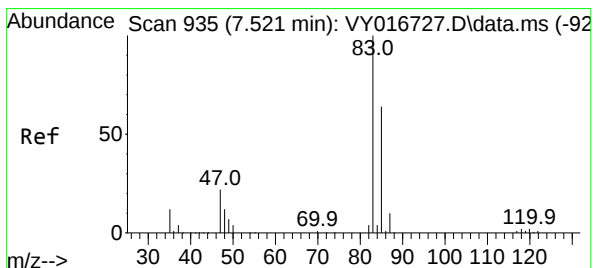
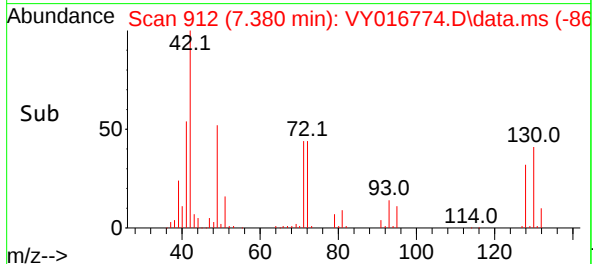
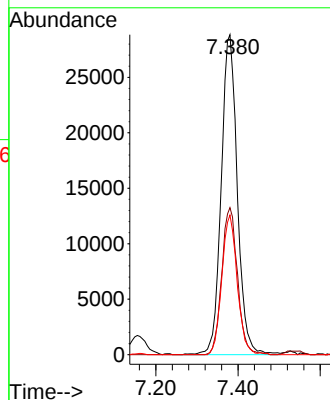
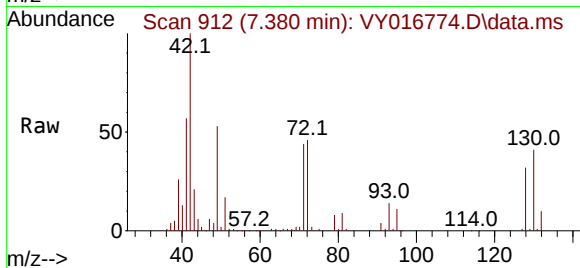
VSTDCCC050EC

Tgt Ion: 42 Resp: 78612
 Ion Ratio Lower Upper
 42 100
 72 44.8 36.6 54.8
 71 41.5 33.8 50.6

Manual Integrations

APPROVED

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



#30

Chloroform

Concen: 58.467 ug/l

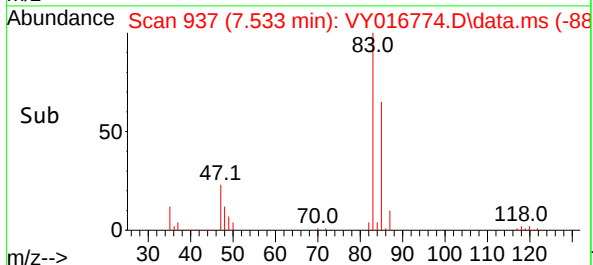
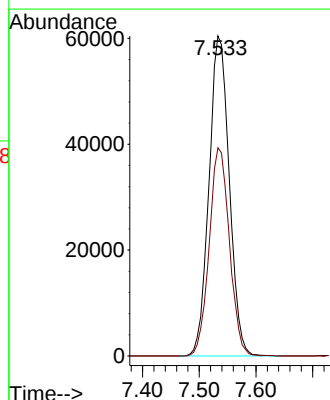
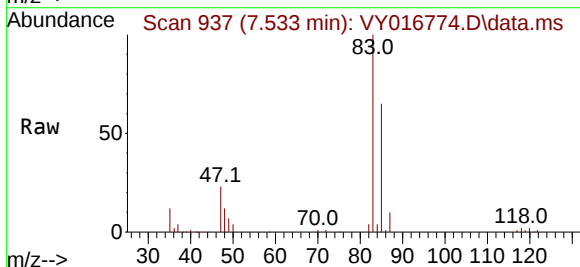
RT: 7.533 min Scan# 937

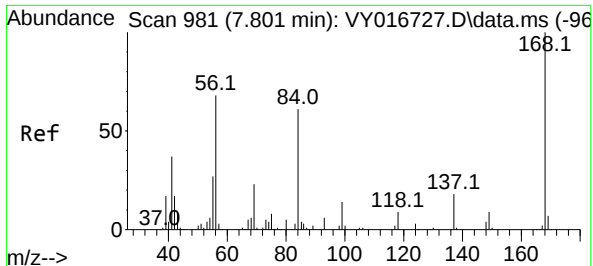
Delta R.T. 0.012 min

Lab File: VY016774.D

Acq: 21 Dec 2023 22:04

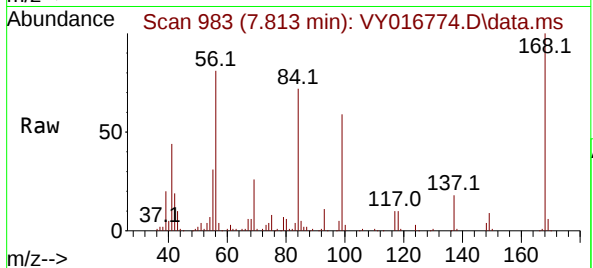
Tgt Ion: 83 Resp: 150028
 Ion Ratio Lower Upper
 83 100
 85 65.1 51.2 76.8





#31
Cyclohexane
Concen: 49.862 ug/l
RT: 7.813 min Scan# 911
Delta R.T. 0.012 min
Lab File: VY016774.D
Acq: 21 Dec 2023 22:04

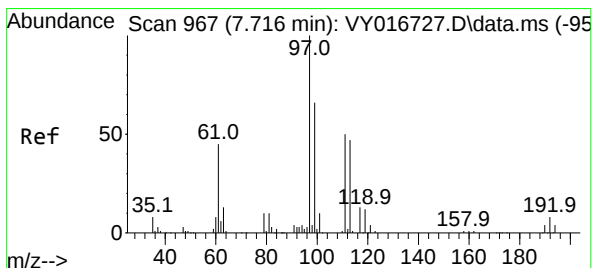
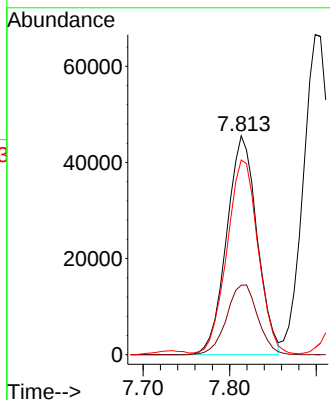
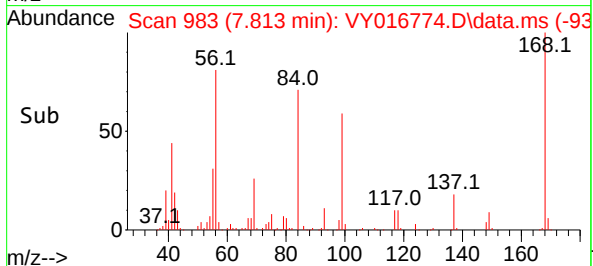
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



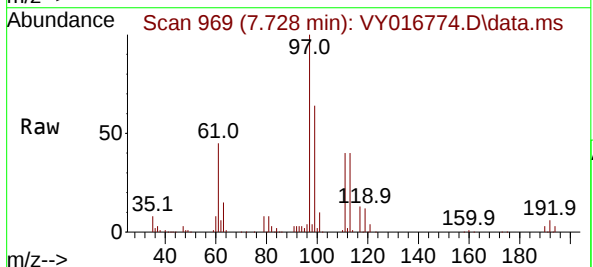
Tgt Ion: 56 Resp: 11124
Ion Ratio Lower Upper
56 100
69 31.8 27.0 40.6
84 87.5 71.8 107.6

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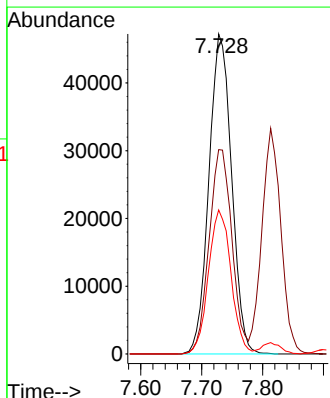
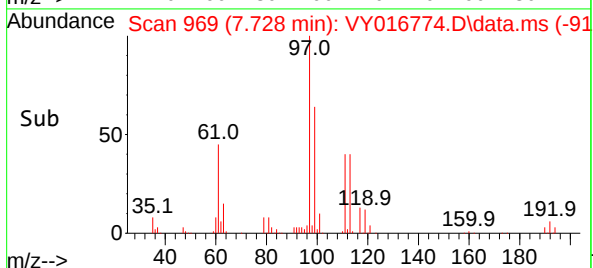
Reviewed By :Mahesh Dadoda 12/22/2023
Supervised By :Semsettin Yesilyurt 12/22/2023

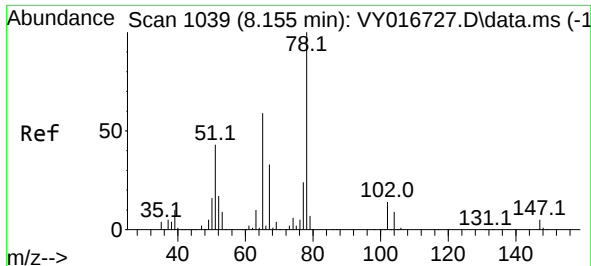


#32
1,1,1-Trichloroethane
Concen: 54.193 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.012 min
Lab File: VY016774.D
Acq: 21 Dec 2023 22:04



Tgt Ion: 97 Resp: 122067
Ion Ratio Lower Upper
97 100
99 64.6 51.2 76.8
61 44.9 35.0 52.6





#33

1,2-Dichloroethane-d4

Concen: 64.002 ug/l

RT: 8.167 min Scan# 1103

Delta R.T. 0.012 min

Lab File: VY016774.D

Acq: 21 Dec 2023 22:04

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 74520

Ion Ratio Lower Upper

65 100

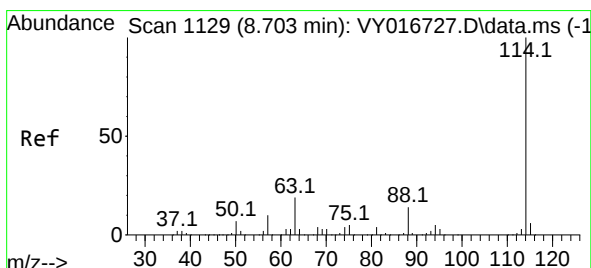
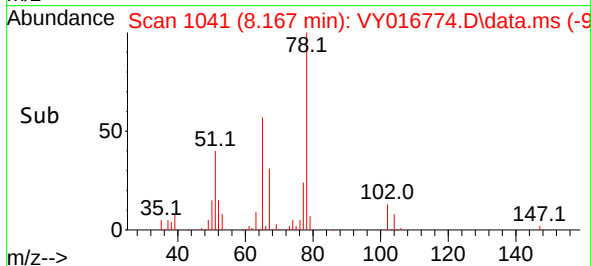
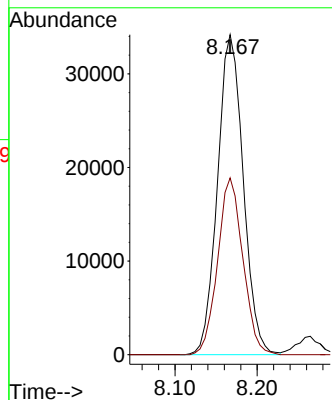
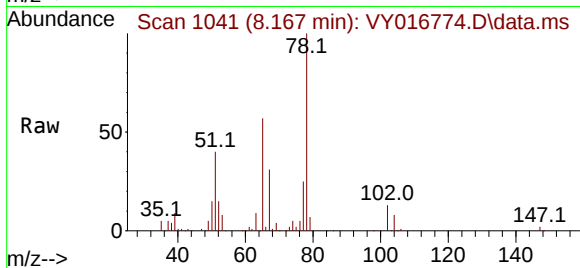
67 54.1 0.0 109.0

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: 8.716 min Scan# 1131

Delta R.T. 0.013 min

Lab File: VY016774.D

Acq: 21 Dec 2023 22:04

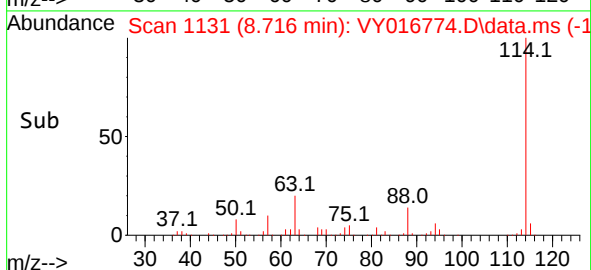
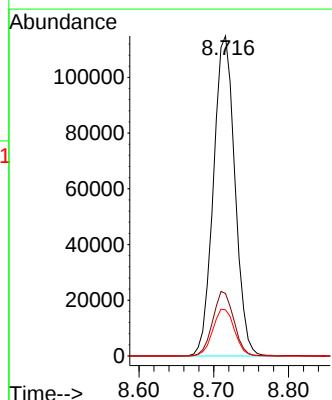
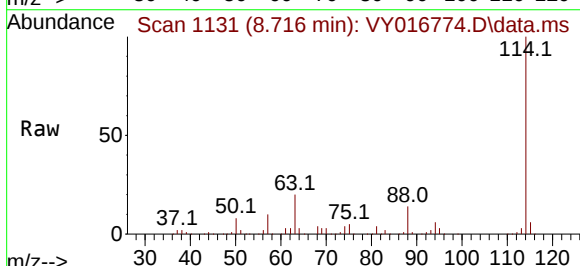
Tgt Ion:114 Resp: 228932

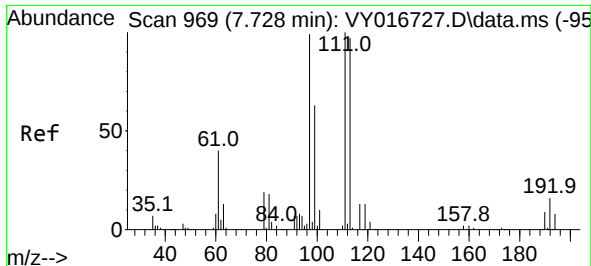
Ion Ratio Lower Upper

114 100

63 19.6 0.0 37.4

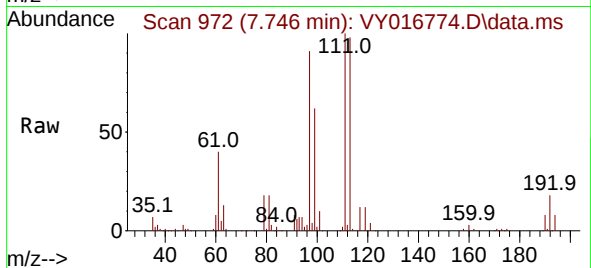
88 14.4 0.0 29.0





#35
Dibromofluoromethane
Concen: 59.062 ug/l
RT: 7.746 min Scan# 91
Delta R.T. 0.019 min
Lab File: VY016774.D
Acq: 21 Dec 2023 22:04

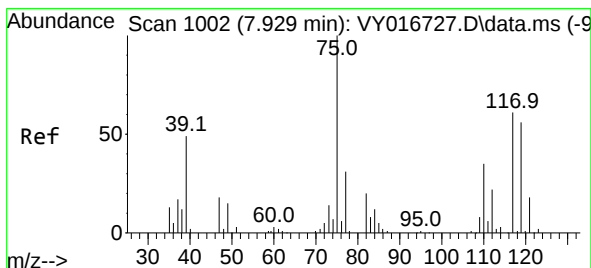
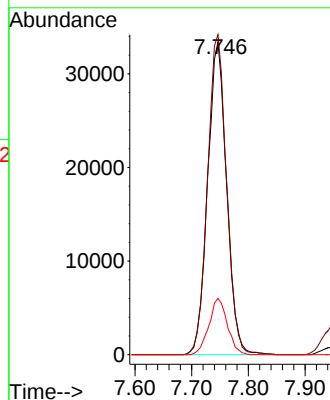
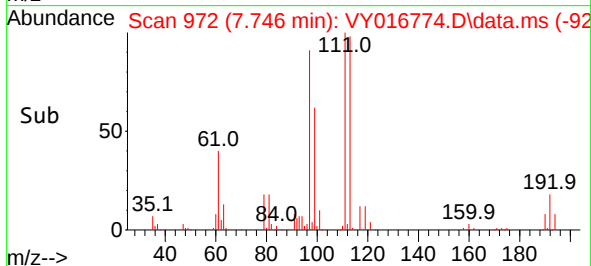
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion:113 Resp: 7745
Ion Ratio Lower Upper
113 100
111 102.9 83.8 125.6
192 17.5 14.5 21.7

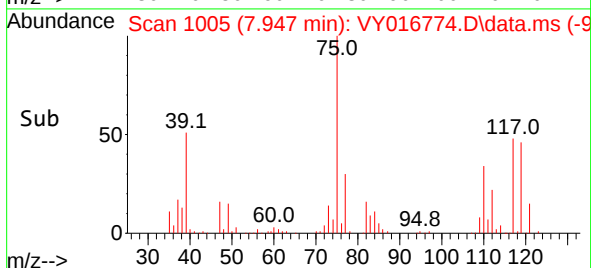
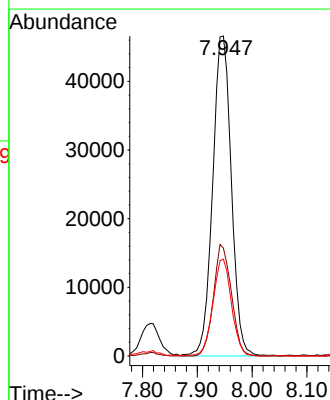
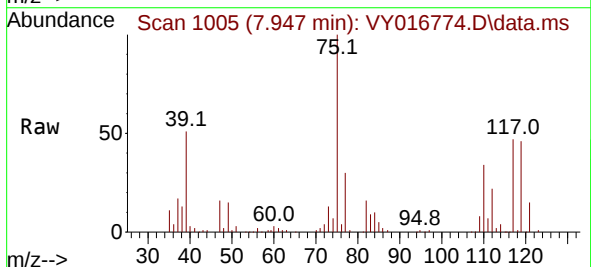
Manual Integrations
APPROVED

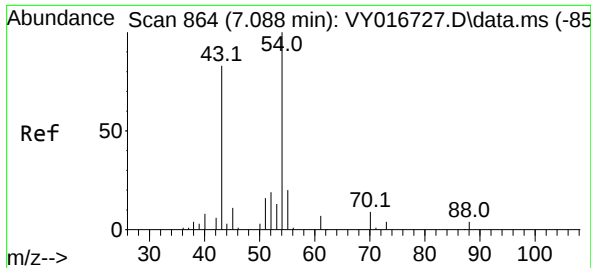
Reviewed By :Mahesh Dadoda 12/22/2023
Supervised By :Semsettin Yesilyurt 12/22/2023



#36
1,1-Dichloropropene
Concen: 52.481 ug/l
RT: 7.947 min Scan# 1005
Delta R.T. 0.018 min
Lab File: VY016774.D
Acq: 21 Dec 2023 22:04

Tgt Ion: 75 Resp: 110333
Ion Ratio Lower Upper
75 100
110 33.4 17.4 52.3
77 30.0 24.7 37.1





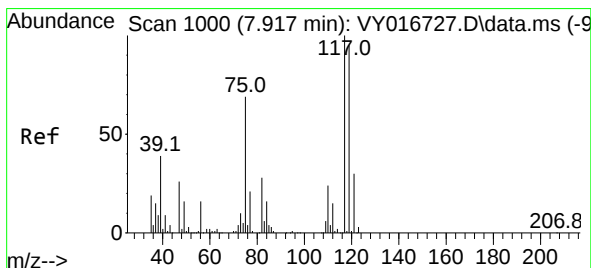
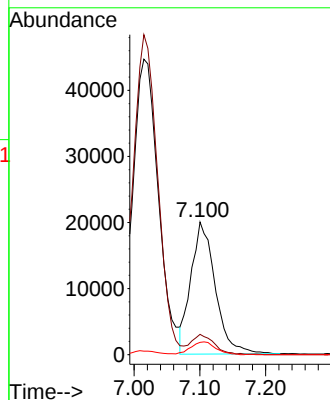
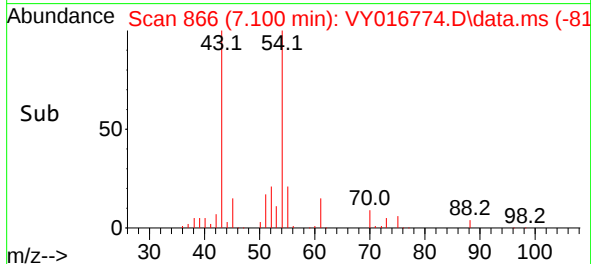
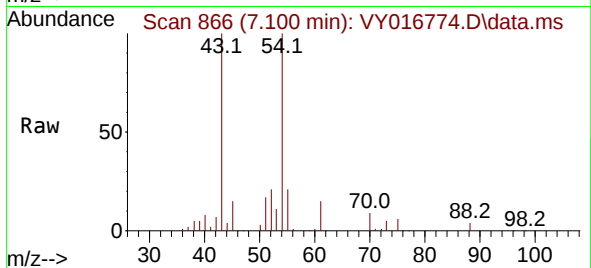
#37
Ethyl Acetate
Concen: 57.116 ug/l
RT: 7.100 min Scan# 80
Delta R.T. 0.012 min
Lab File: VY016774.D
Acq: 21 Dec 2023 22:04

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 51468
Ion Ratio Lower Upper
43 100
61 13.9 11.0 16.6
70 9.9 8.1 12.1

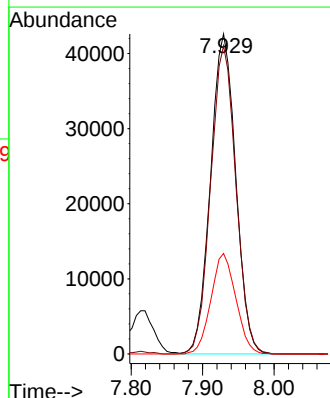
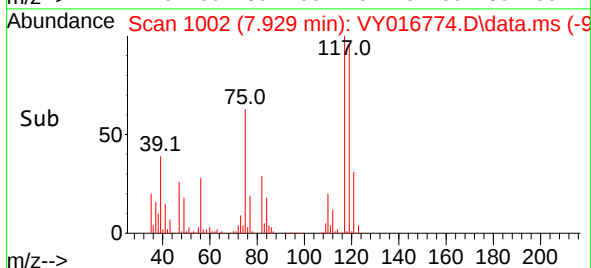
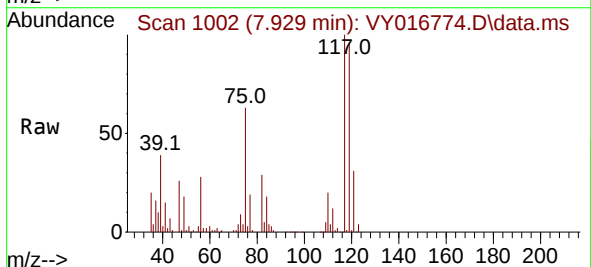
Manual Integrations
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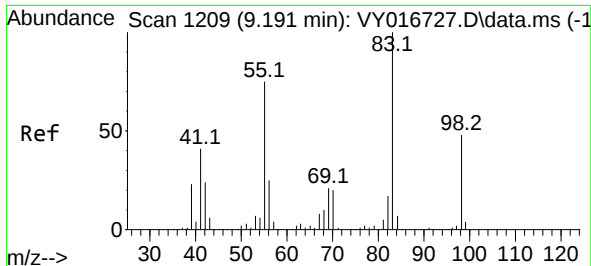
Reviewed By :Mahesh Dadoda 12/22/2023
Supervised By :Semsettin Yesilyurt 12/22/2023



#38
Carbon Tetrachloride
Concen: 50.149 ug/l
RT: 7.929 min Scan# 1002
Delta R.T. 0.012 min
Lab File: VY016774.D
Acq: 21 Dec 2023 22:04

Tgt Ion:117 Resp: 104328
Ion Ratio Lower Upper
117 100
119 96.3 76.0 114.0
121 31.4 24.2 36.2





#39

Methylcyclohexane

Concen: 50.123 ug/l

RT: 9.209 min Scan# 11

Delta R.T. 0.018 min

Lab File: VY016774.D

Acq: 21 Dec 2023 22:04

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 121664

Ion Ratio Lower Upper

83 100

55 72.1 59.7 89.5

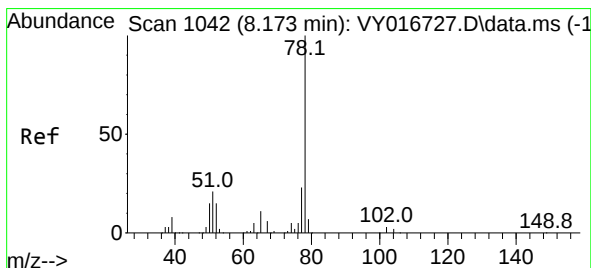
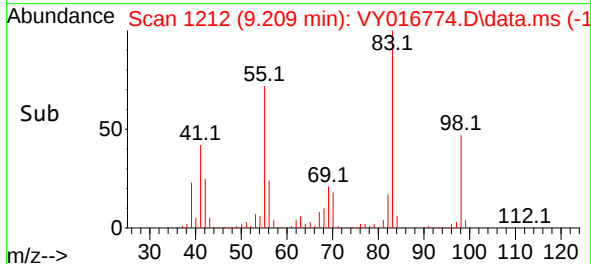
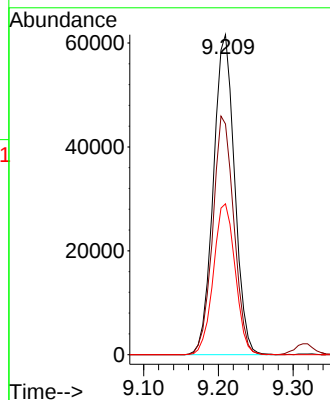
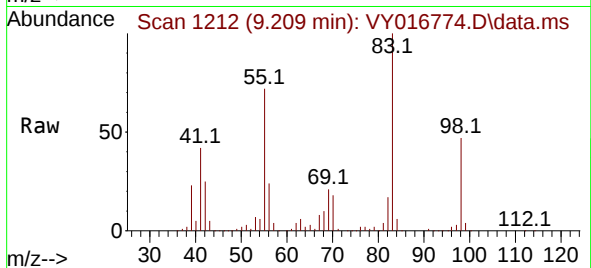
98 47.2 38.0 57.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/22/2023

Supervised By :Semsettin Yesilyurt 12/22/2023



#40

Benzene

Concen: 54.812 ug/l

RT: 8.185 min Scan# 1044

Delta R.T. 0.012 min

Lab File: VY016774.D

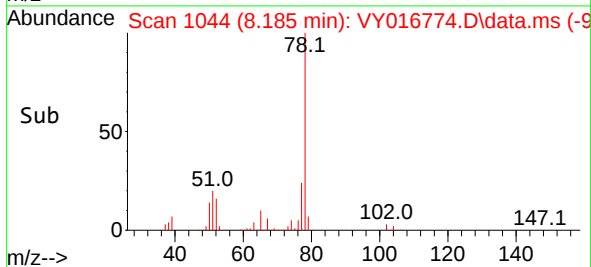
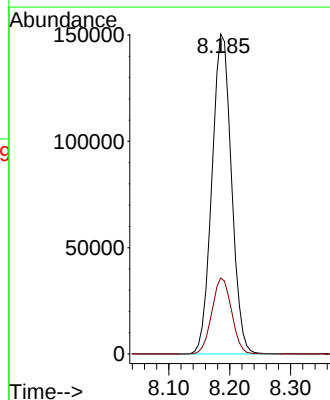
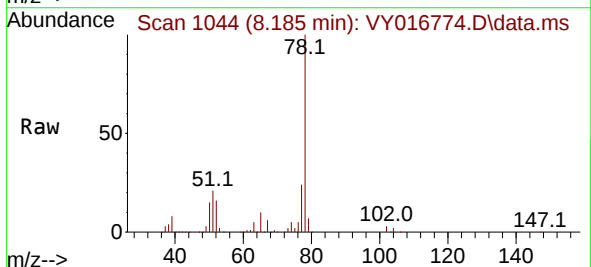
Acq: 21 Dec 2023 22:04

Tgt Ion: 78 Resp: 335337

Ion Ratio Lower Upper

78 100

77 23.7 18.8 28.2





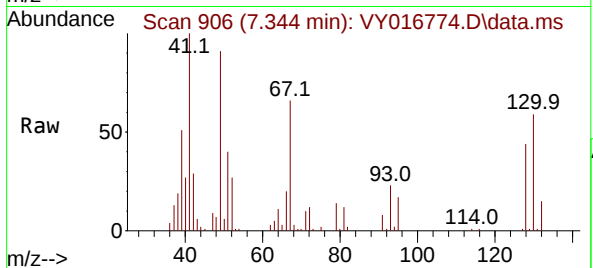
#41
Methacrylonitrile
Concen: 61.770 ug/l
RT: 7.344 min Scan# 906
Delta R.T. 0.025 min
Lab File: VY016774.D
Acq: 21 Dec 2023 22:04

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

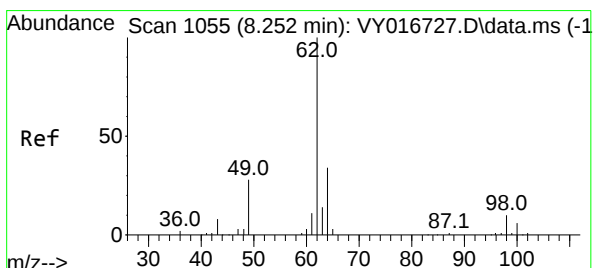
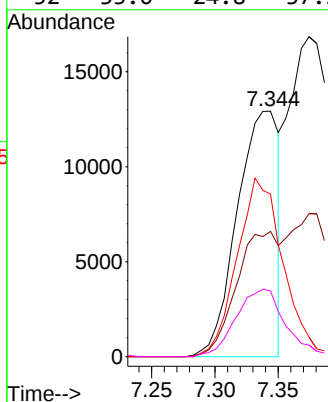
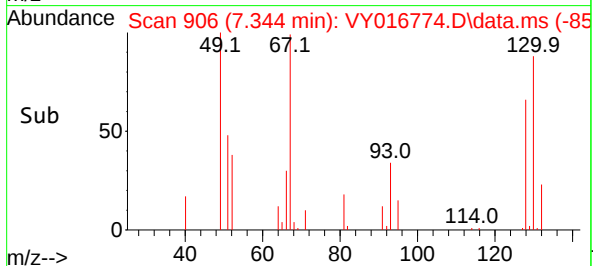


Tgt Ion: 41 Resp: 2955
Ion Ratio Lower Upper
41 100
39 51.6 41.9 62.9
67 80.8 59.8 89.6
52 33.0 24.8 37.2

Manual Integrations

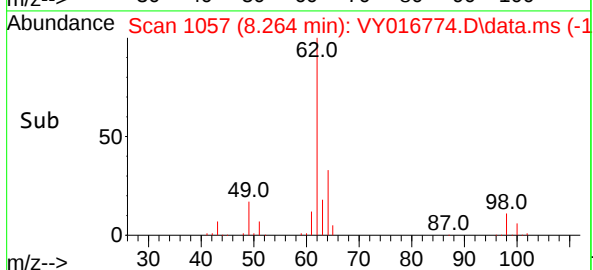
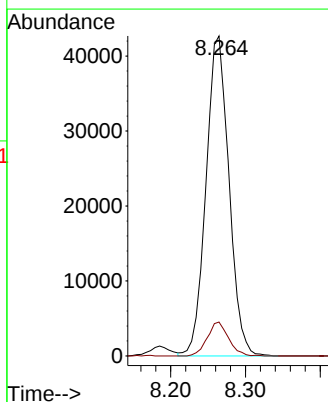
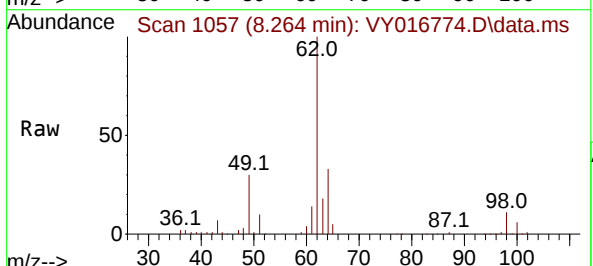
APPROVED

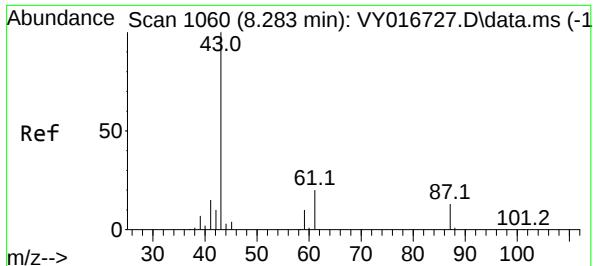
Reviewed By :Mahesh Dadoda 12/22/2023
Supervised By :Semsettin Yesilyurt 12/22/2023



#42
1,2-Dichloroethane
Concen: 57.047 ug/l
RT: 8.264 min Scan# 1057
Delta R.T. 0.012 min
Lab File: VY016774.D
Acq: 21 Dec 2023 22:04

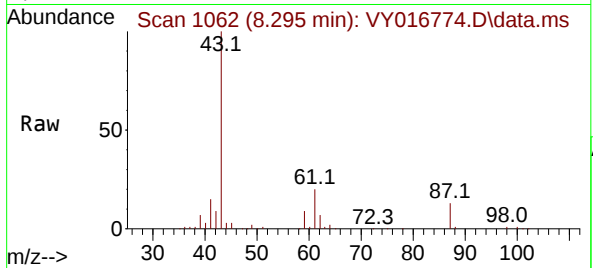
Tgt Ion: 62 Resp: 91054
Ion Ratio Lower Upper
62 100
98 9.8 0.0 20.2





#43
Isopropyl Acetate
Concen: 58.594 ug/l
RT: 8.295 min Scan# 1062
Delta R.T. 0.012 min
Lab File: VY016774.D
Acq: 21 Dec 2023 22:04

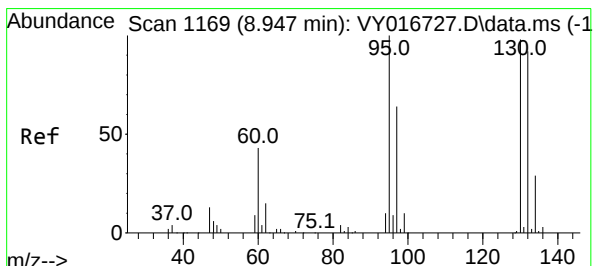
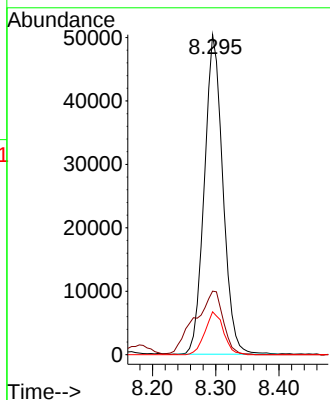
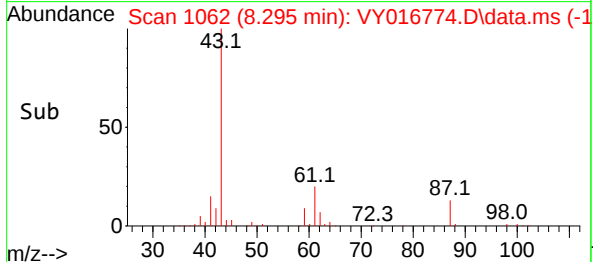
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



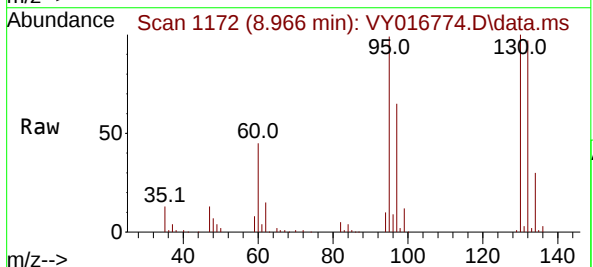
Tgt Ion: 43 Resp: 102549
Ion Ratio Lower Upper
43 100
61 30.5 24.8 37.2
87 13.4 10.7 16.1

Manual Integrations
APPROVED

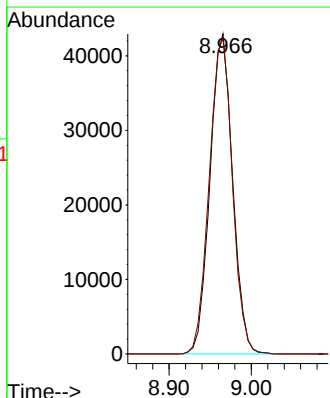
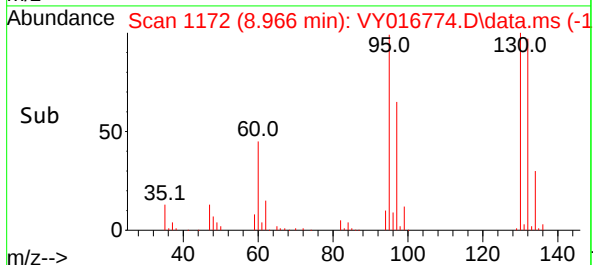
Reviewed By :Mahesh Dadoda 12/22/2023
Supervised By :Semsettin Yesilyurt 12/22/2023

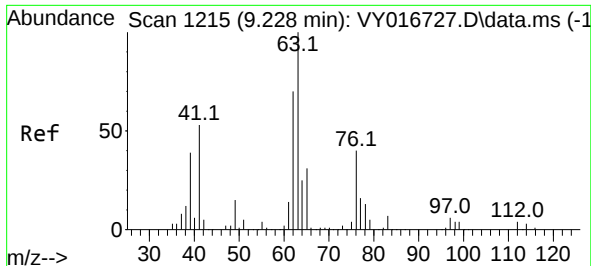


#44
Trichloroethene
Concen: 52.511 ug/l
RT: 8.966 min Scan# 1172
Delta R.T. 0.018 min
Lab File: VY016774.D
Acq: 21 Dec 2023 22:04



Tgt Ion:130 Resp: 81996
Ion Ratio Lower Upper
130 100
95 98.6 0.0 203.8





#45

1,2-Dichloropropane

Concen: 55.751 ug/l

RT: 9.240 min Scan# 1217

Delta R.T. 0.012 min

Lab File: VY016774.D

Acq: 21 Dec 2023 22:04

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 8555

Ion Ratio Lower Upper

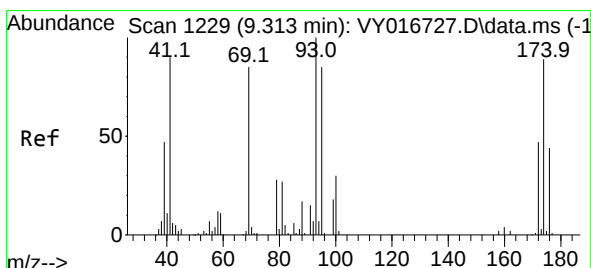
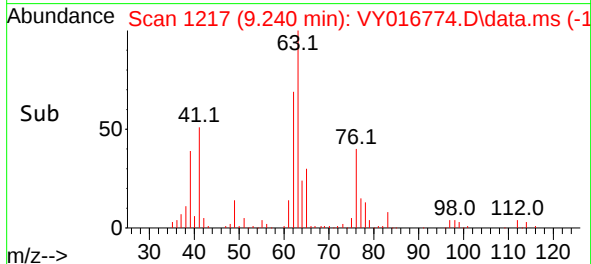
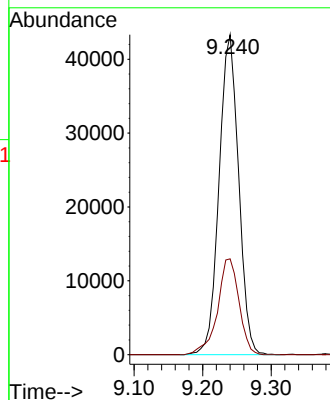
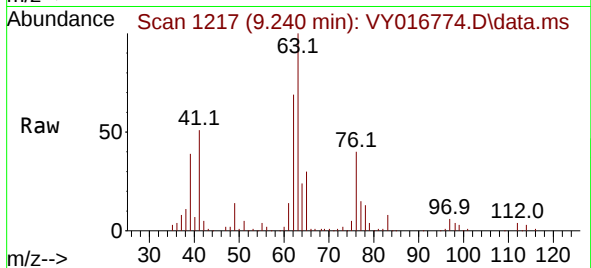
63 100

65 30.0 24.6 36.8

Manual Integrations

APPROVED

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



#46

Dibromomethane

Concen: 57.124 ug/l

RT: 9.325 min Scan# 1231

Delta R.T. 0.012 min

Lab File: VY016774.D

Acq: 21 Dec 2023 22:04

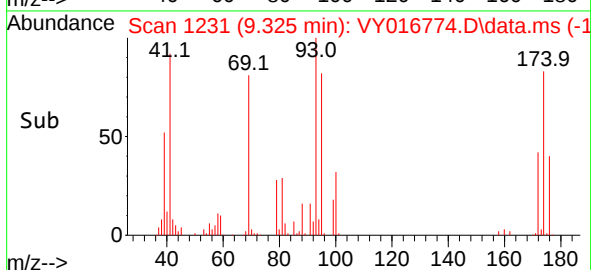
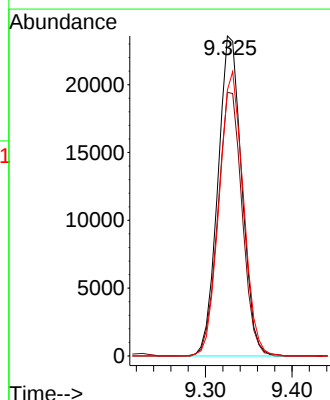
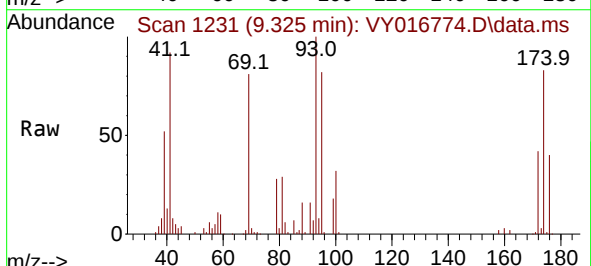
Tgt Ion: 93 Resp: 45288

Ion Ratio Lower Upper

93 100

95 83.6 66.6 99.8

174 89.5 73.8 110.6





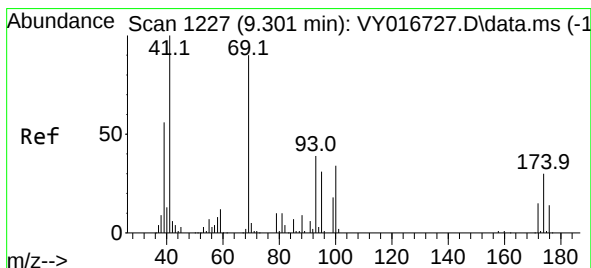
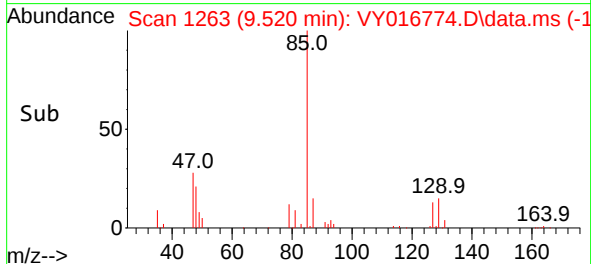
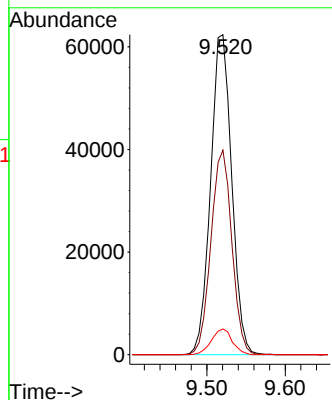
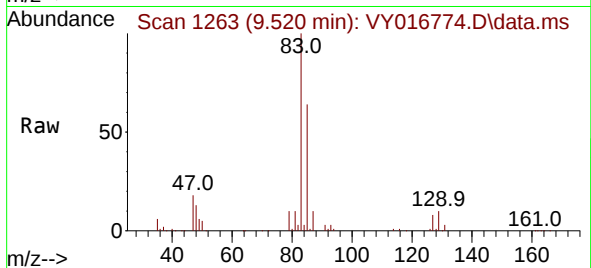
#47
Bromodichloromethane
Concen: 55.927 ug/l
RT: 9.520 min Scan# 1263
Delta R.T. 0.012 min
Lab File: VY016774.D
Acq: 21 Dec 2023 22:04

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 11686
Ion Ratio Lower Upper
83 100
85 63.9 53.2 79.8
127 8.1 6.4 9.6

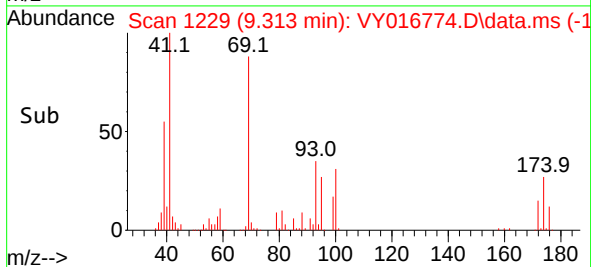
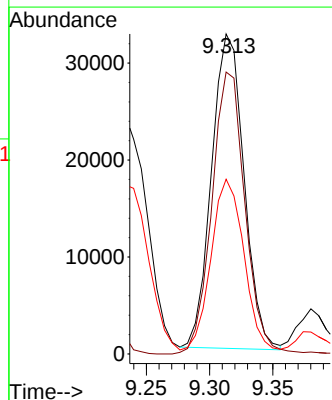
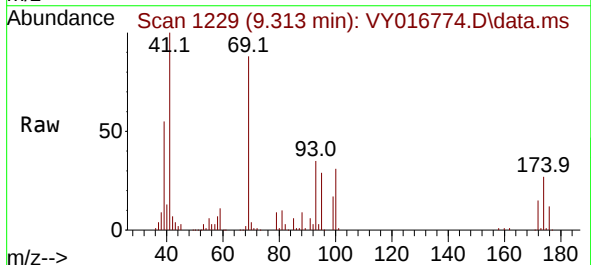
Manual Integrations
APPROVED

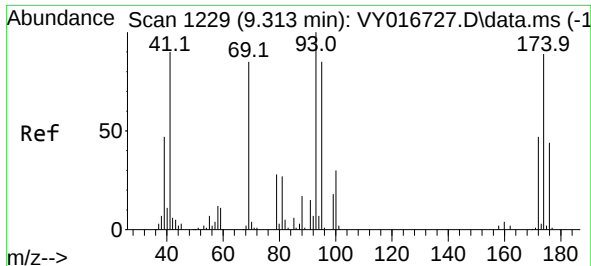
Reviewed By :Mahesh Dadoda 12/22/2023
Supervised By :Semsettin Yesilyurt 12/22/2023



#48
Methyl methacrylate
Concen: 59.438 ug/l
RT: 9.313 min Scan# 1229
Delta R.T. 0.012 min
Lab File: VY016774.D
Acq: 21 Dec 2023 22:04

Tgt Ion: 41 Resp: 57815
Ion Ratio Lower Upper
41 100
69 91.9 72.1 108.1
39 57.6 42.8 64.2





#49

1,4-Dioxane

Concen: 1157.129 ug/l

RT: 9.325 min Scan# 11

Delta R.T. 0.012 min

Lab File: VY016774.D

Acq: 21 Dec 2023 22:04

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 88 Resp: 8904

Ion Ratio Lower Upper

88 100

43 37.3 28.2 42.4

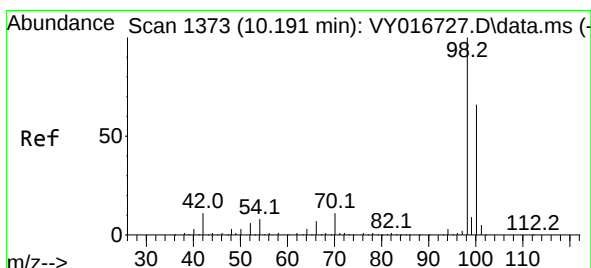
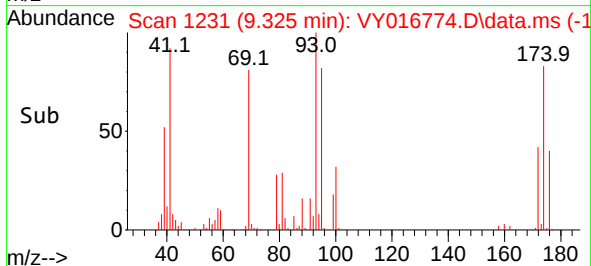
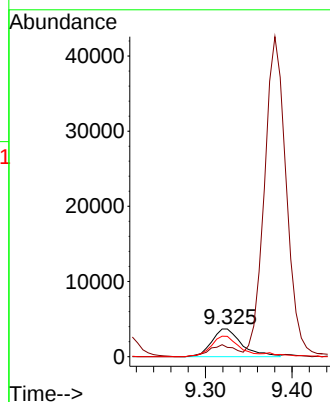
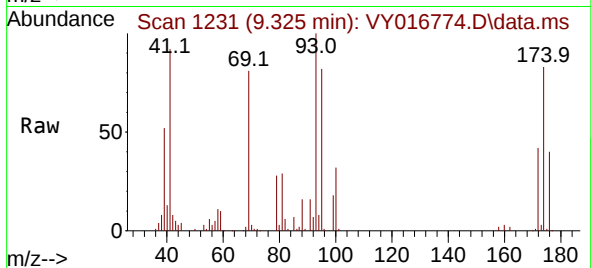
58 68.6 52.2 78.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/22/2023

Supervised By :Semsettin Yesilyurt 12/22/2023



#50

Toluene-d8

Concen: 59.076 ug/l

RT: 10.203 min Scan# 1375

Delta R.T. 0.012 min

Lab File: VY016774.D

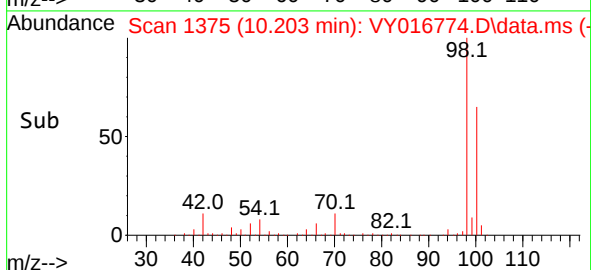
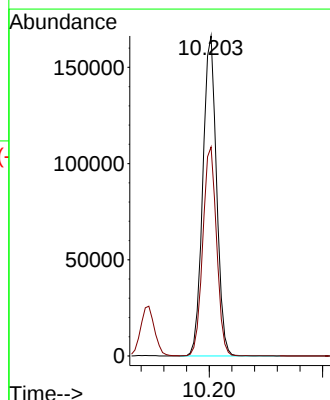
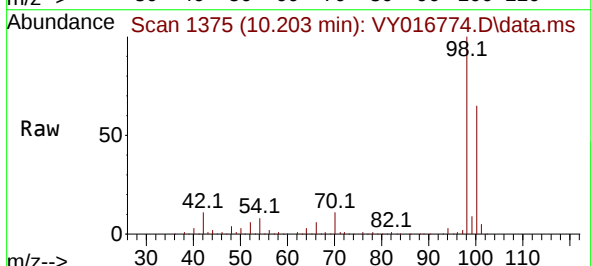
Acq: 21 Dec 2023 22:04

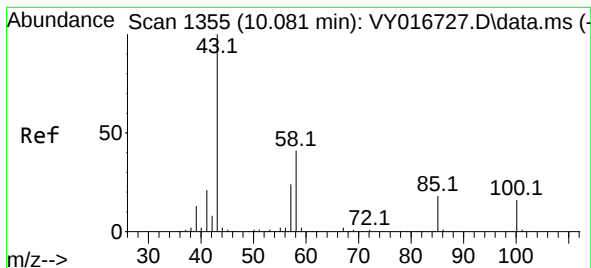
Tgt Ion: 98 Resp: 279274

Ion Ratio Lower Upper

98 100

100 65.5 52.3 78.5





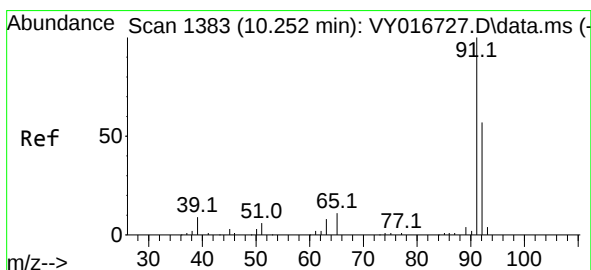
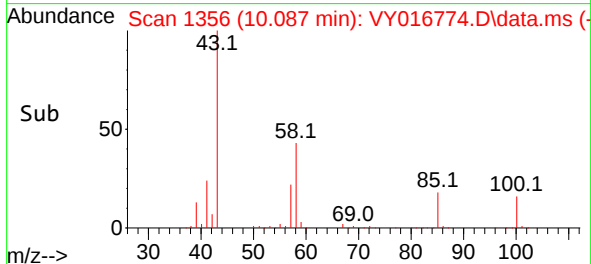
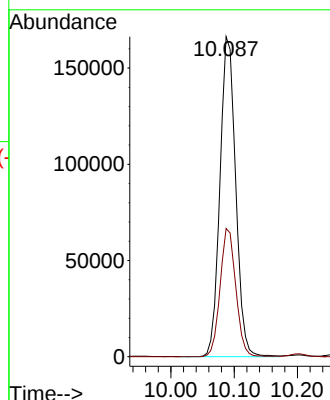
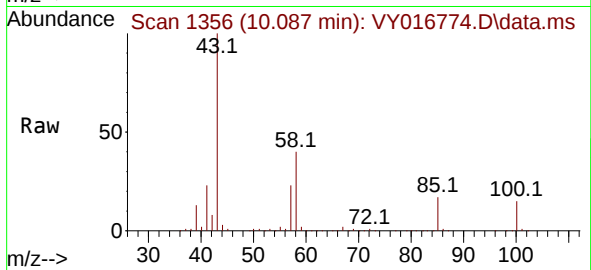
#51
4-Methyl-2-Pentanone
Concen: 307.097 ug/l
RT: 10.087 min Scan# 1355
Delta R.T. 0.006 min
Lab File: VY016774.D
Acq: 21 Dec 2023 22:04

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 286370
Ion Ratio Lower Upper
43 100
58 40.0 32.2 48.2

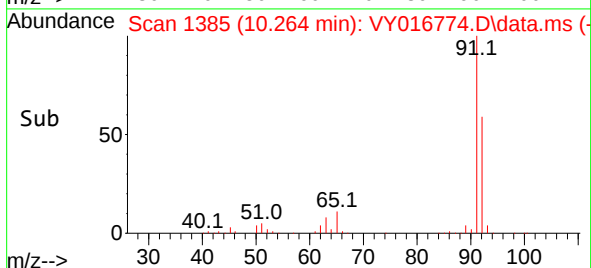
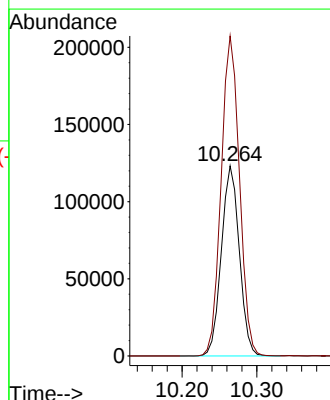
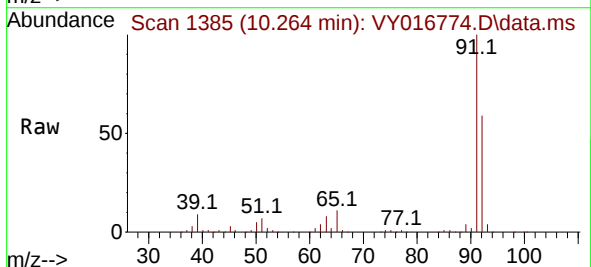
Manual Integrations
APPROVED

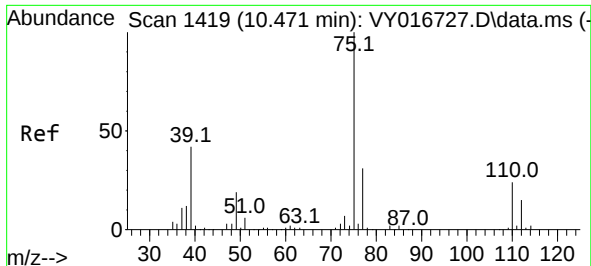
Reviewed By :Mahesh Dadoda 12/22/2023
Supervised By :Semsettin Yesilyurt 12/22/2023



#52
Toluene
Concen: 56.093 ug/l
RT: 10.264 min Scan# 1385
Delta R.T. 0.012 min
Lab File: VY016774.D
Acq: 21 Dec 2023 22:04

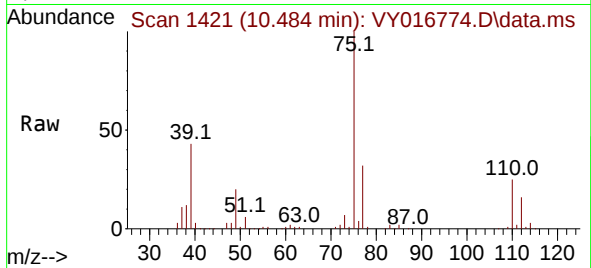
Tgt Ion: 92 Resp: 205651
Ion Ratio Lower Upper
92 100
91 171.7 137.6 206.4





#53
t-1,3-Dichloropropene
Concen: 56.319 ug/l
RT: 10.484 min Scan# 1419
Delta R.T. 0.013 min
Lab File: VY016774.D
Acq: 21 Dec 2023 22:04

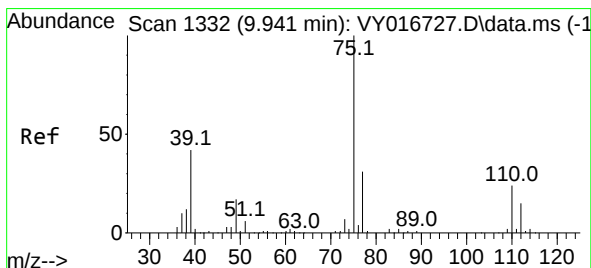
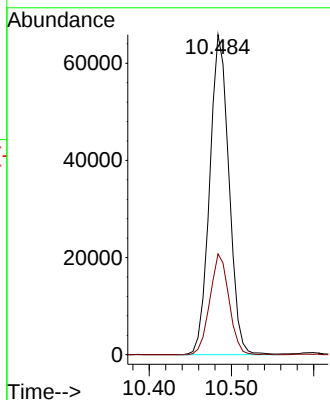
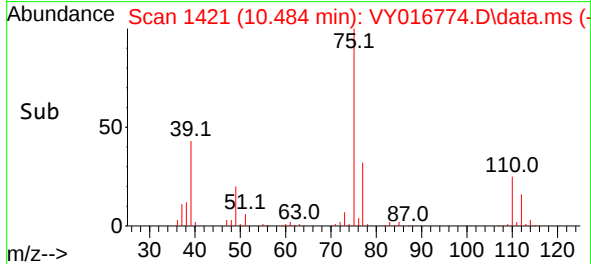
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 107308
Ion Ratio Lower Upper
75 100
77 31.5 24.6 36.8

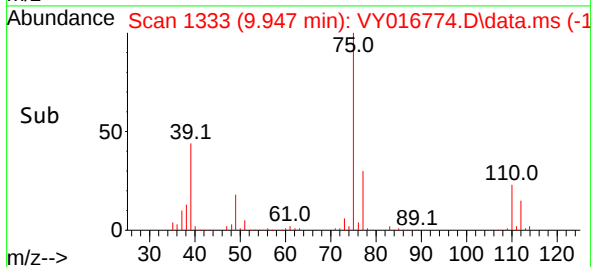
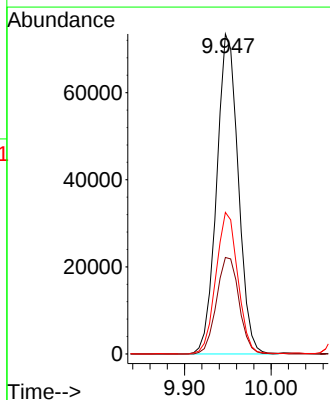
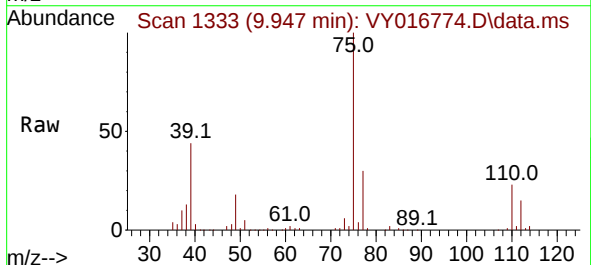
Manual Integrations
APPROVED

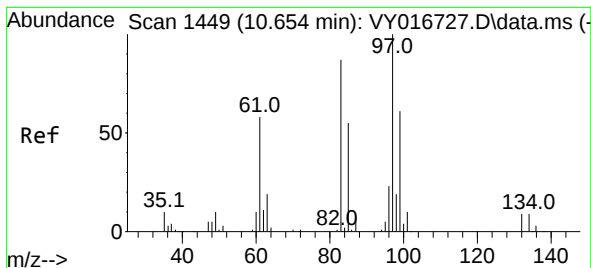
Reviewed By :Mahesh Dadoda 12/22/2023
Supervised By :Semsettin Yesilyurt 12/22/2023



#54
cis-1,3-Dichloropropene
Concen: 55.430 ug/l
RT: 9.947 min Scan# 1333
Delta R.T. 0.006 min
Lab File: VY016774.D
Acq: 21 Dec 2023 22:04

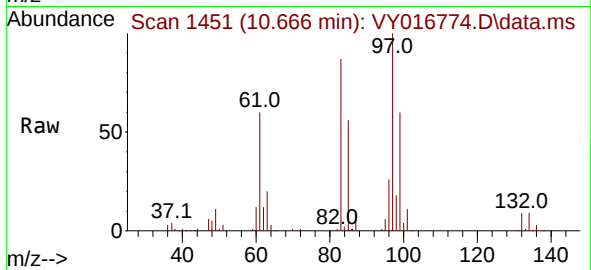
Tgt Ion: 75 Resp: 127392
Ion Ratio Lower Upper
75 100
77 30.1 24.6 36.8
39 44.3 33.6 50.4





#55
1,1,2-Trichloroethane
Concen: 56.340 ug/l
RT: 10.666 min Scan# 1449
Delta R.T. 0.012 min
Lab File: VY016774.D
Acq: 21 Dec 2023 22:04

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

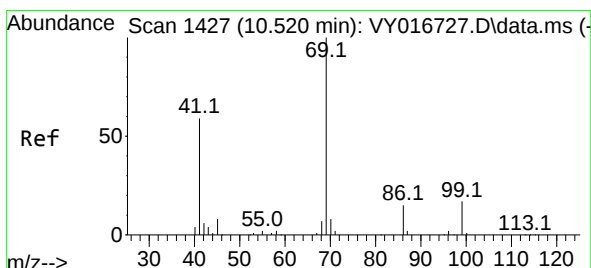
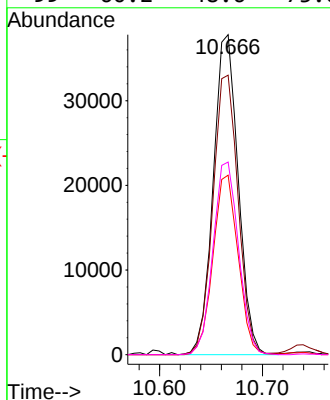
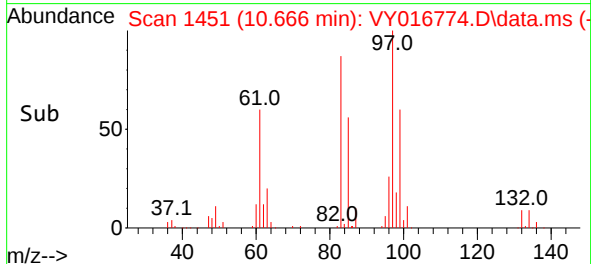


Tgt Ion: 97 Resp: 63729

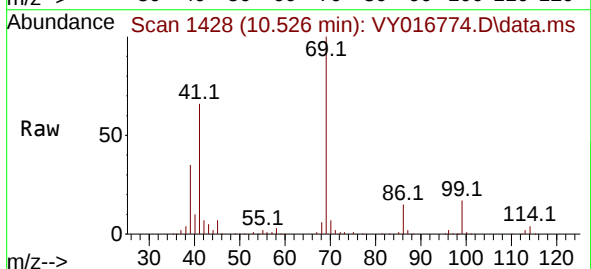
Ion	Ratio	Lower	Upper
97	100		
83	87.4	69.4	104.2
85	56.1	43.9	65.9
99	60.2	48.6	73.0

Manual Integrations
APPROVED

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

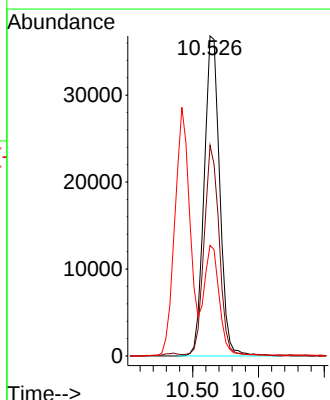
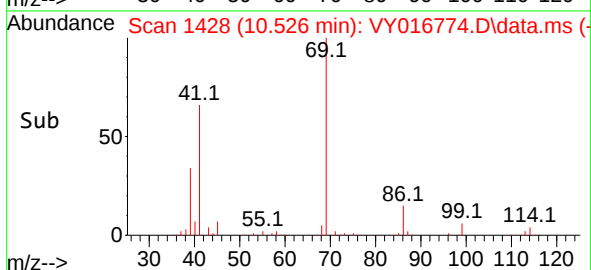


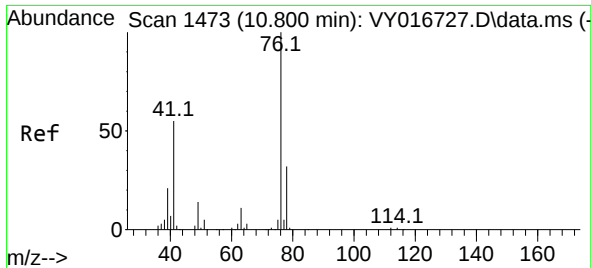
#56
Ethyl methacrylate
Concen: 61.013 ug/l
RT: 10.526 min Scan# 1428
Delta R.T. 0.006 min
Lab File: VY016774.D
Acq: 21 Dec 2023 22:04



Tgt Ion: 69 Resp: 60687

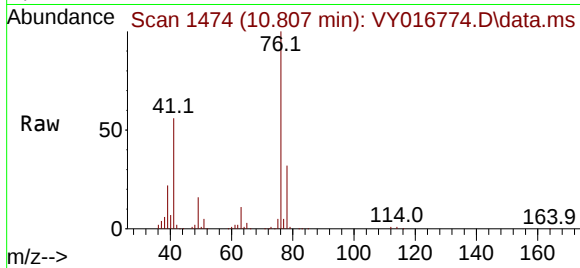
Ion	Ratio	Lower	Upper
69	100		
41	63.3	49.2	73.8
39	34.2	26.8	40.2





#57
1,3-Dichloropropane
Concen: 56.982 ug/l
RT: 10.807 min Scan# 1473
Delta R.T. 0.007 min
Lab File: VY016774.D
Acq: 21 Dec 2023 22:04

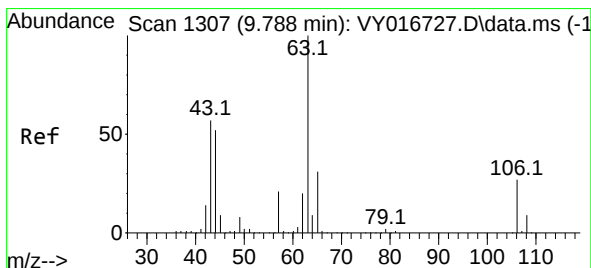
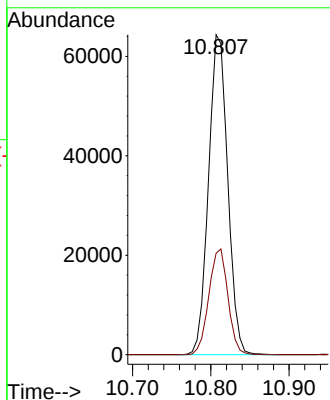
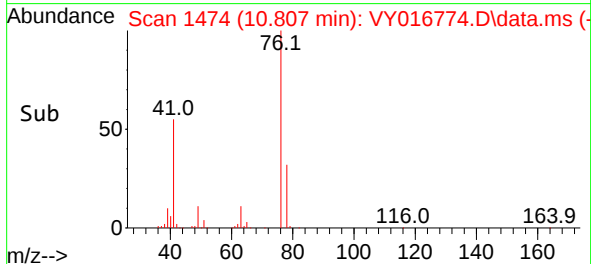
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 76 Resp: 109478
Ion Ratio Lower Upper
76 100
78 32.9 26.1 39.1

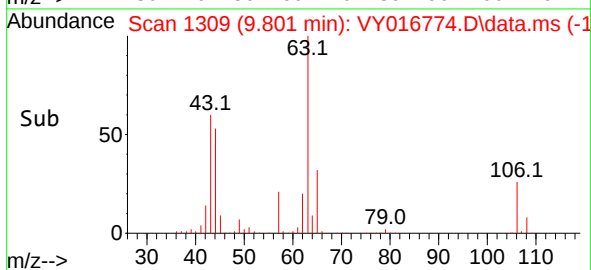
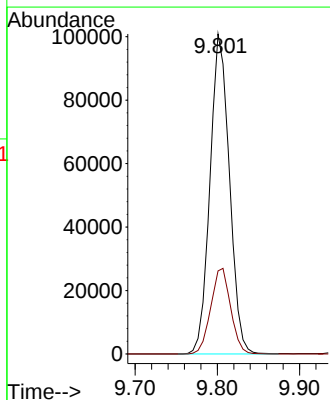
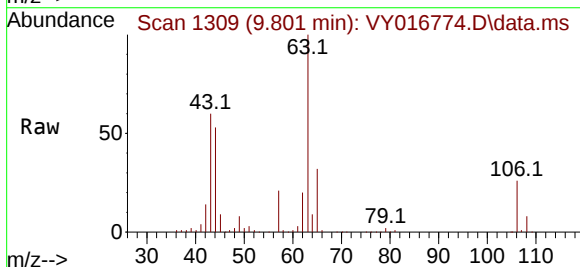
Manual Integrations
APPROVED

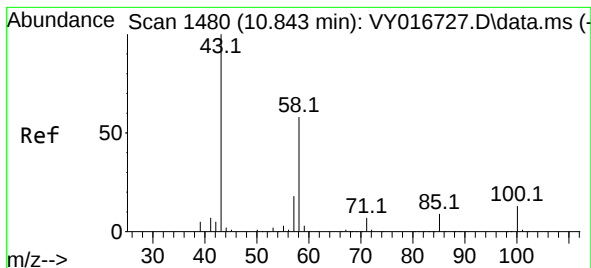
Reviewed By :Mahesh Dadoda 12/22/2023
Supervised By :Semsettin Yesilyurt 12/22/2023



#58
2-Chloroethyl Vinyl ether
Concen: 309.589 ug/l
RT: 9.801 min Scan# 1309
Delta R.T. 0.013 min
Lab File: VY016774.D
Acq: 21 Dec 2023 22:04

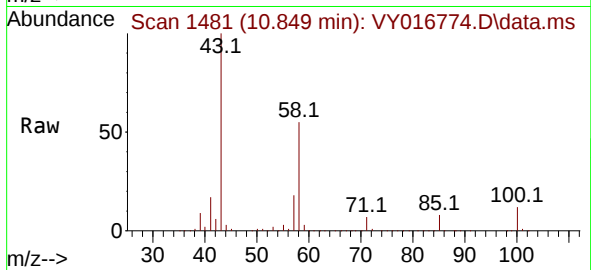
Tgt Ion: 63 Resp: 165655
Ion Ratio Lower Upper
63 100
106 27.3 22.4 33.6





#59
2-Hexanone
Concen: 280.097 ug/l
RT: 10.849 min Scan# 1480
Delta R.T. 0.006 min
Lab File: VY016774.D
Acq: 21 Dec 2023 22:04

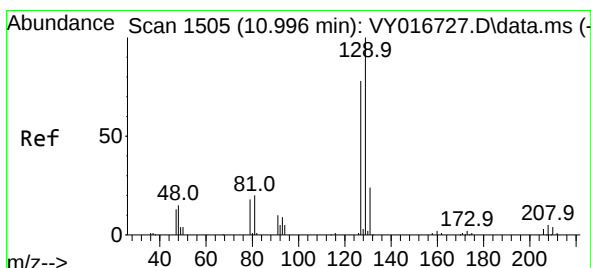
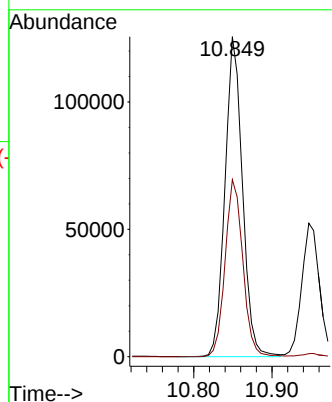
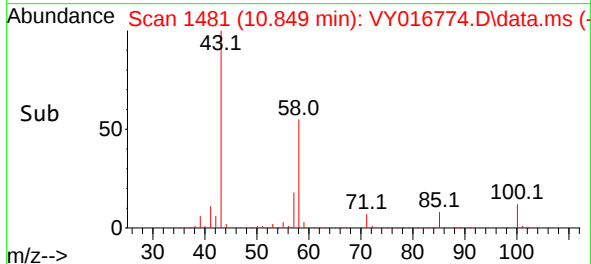
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



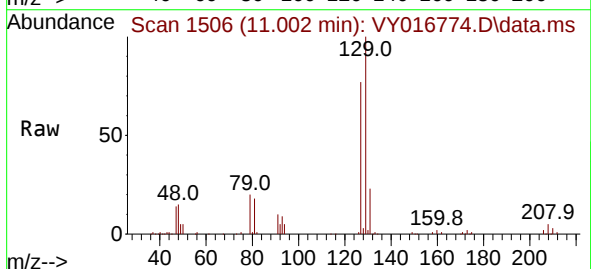
Tgt Ion: 43 Resp: 194760
Ion Ratio Lower Upper
43 100
58 56.1 28.1 84.3

Manual Integrations
APPROVED

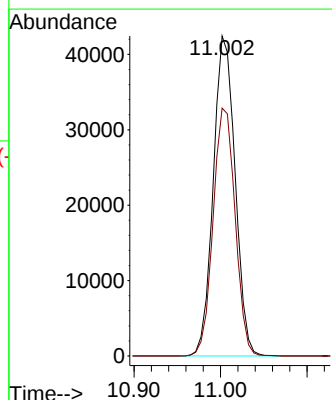
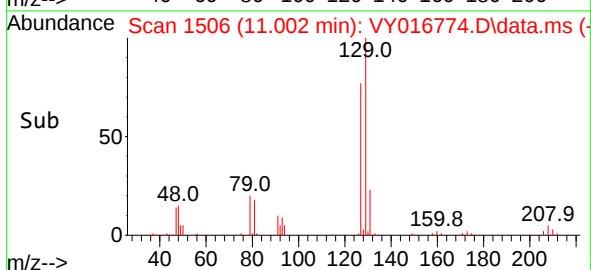
Reviewed By :Mahesh Dadoda 12/22/2023
Supervised By :Semsettin Yesilyurt 12/22/2023

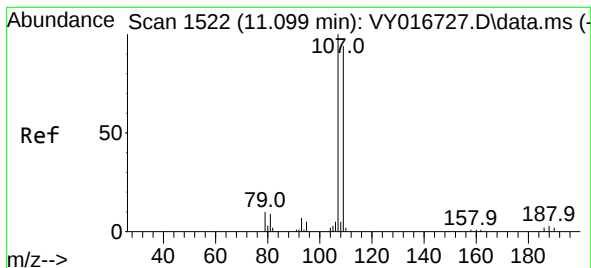


#60
Dibromochloromethane
Concen: 56.800 ug/l
RT: 11.002 min Scan# 1506
Delta R.T. 0.006 min
Lab File: VY016774.D
Acq: 21 Dec 2023 22:04



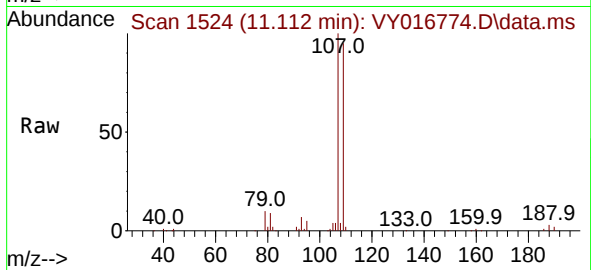
Tgt Ion:129 Resp: 74324
Ion Ratio Lower Upper
129 100
127 78.2 39.2 117.6





#61
1,2-Dibromoethane
Concen: 57.547 ug/l
RT: 11.112 min Scan# 1112
Delta R.T. 0.012 min
Lab File: VY016774.D
Acq: 21 Dec 2023 22:04

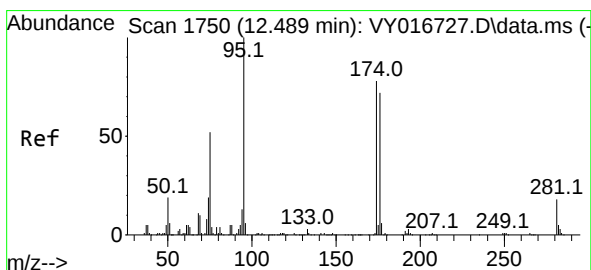
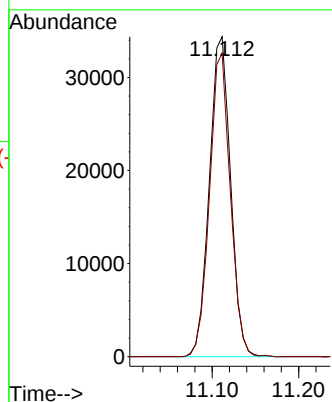
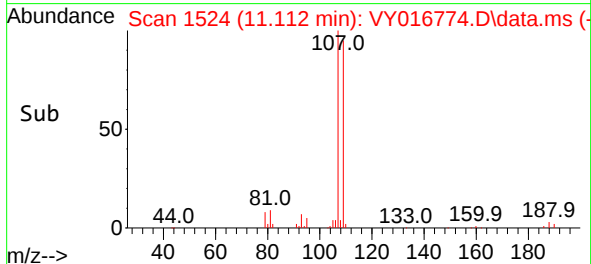
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



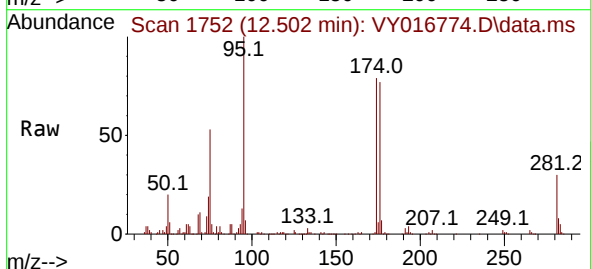
Tgt Ion:107 Resp: 58370
Ion Ratio Lower Upper
107 100
109 93.1 75.4 113.2

Manual Integrations
APPROVED

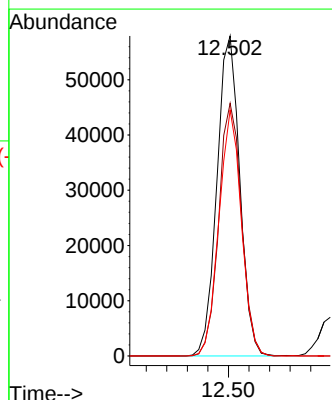
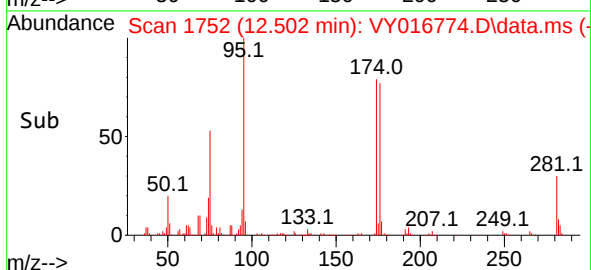
Reviewed By :Mahesh Dadoda 12/22/2023
Supervised By :Semsettin Yesilyurt 12/22/2023

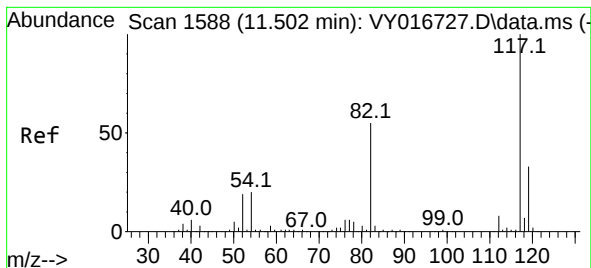


#62
4-Bromofluorobenzene
Concen: 58.190 ug/l
RT: 12.502 min Scan# 1752
Delta R.T. 0.012 min
Lab File: VY016774.D
Acq: 21 Dec 2023 22:04



Tgt Ion: 95 Resp: 89246
Ion Ratio Lower Upper
95 100
174 78.7 0.0 160.0
176 75.3 0.0 151.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.508 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY016774.D

Acq: 21 Dec 2023 22:04

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion:117 Resp: 19966

Ion Ratio Lower Upper

117 100

82 56.9 43.8 65.8

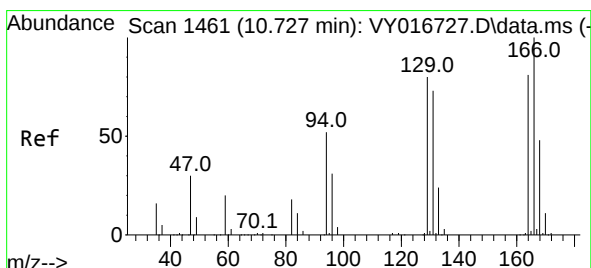
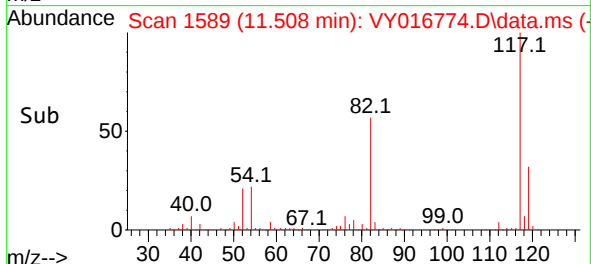
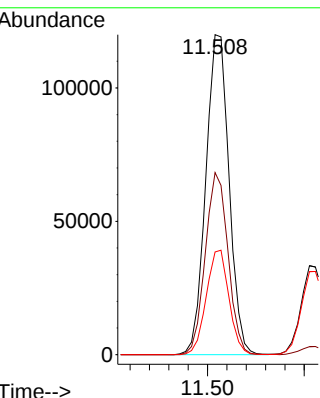
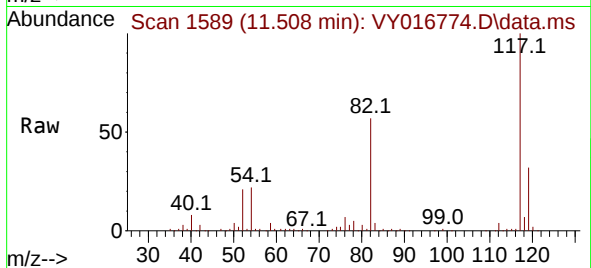
119 32.1 26.5 39.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/22/2023

Supervised By :Semsettin Yesilyurt 12/22/2023



#64

Tetrachloroethene

Concen: 52.562 ug/l

RT: 10.740 min Scan# 1463

Delta R.T. 0.012 min

Lab File: VY016774.D

Acq: 21 Dec 2023 22:04

Tgt Ion:164 Resp: 65194

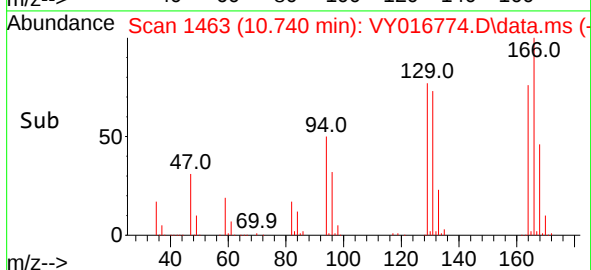
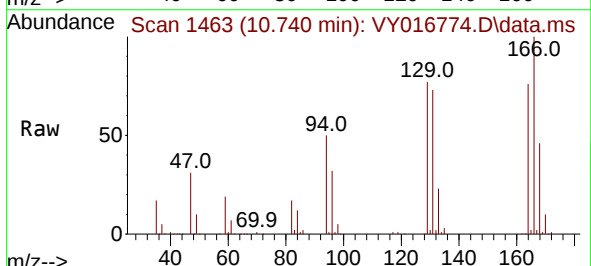
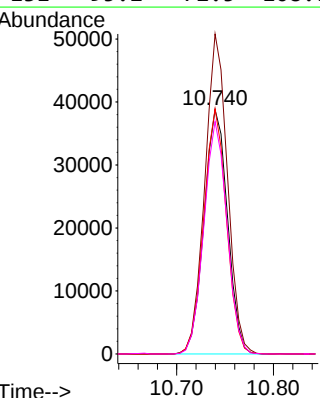
Ion Ratio Lower Upper

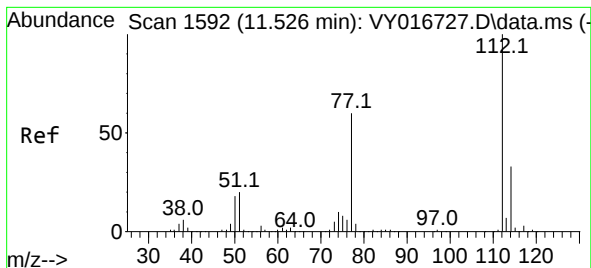
164 100

166 131.0 98.8 148.2

129 100.3 78.9 118.3

131 95.2 72.5 108.7





#65

Chlorobenzene

Concen: 53.644 ug/l

RT: 11.538 min Scan# 11

Delta R.T. 0.012 min

Lab File: VY016774.D

Acq: 21 Dec 2023 22:04

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion:112 Resp: 21044

Ion Ratio Lower Upper

112 100

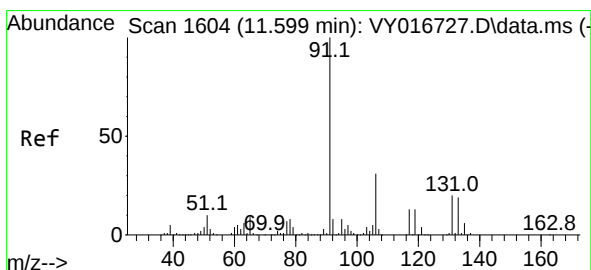
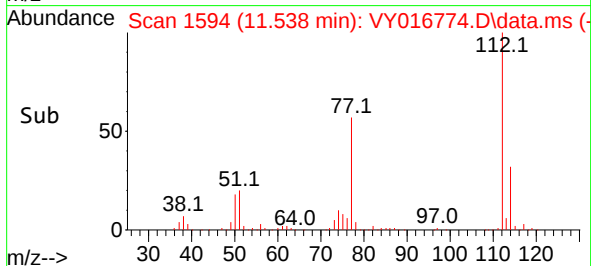
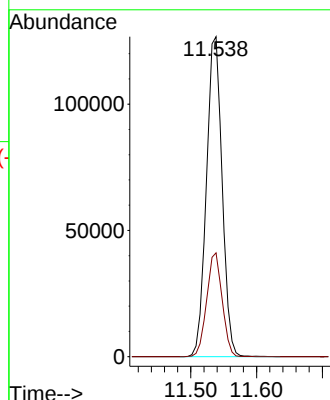
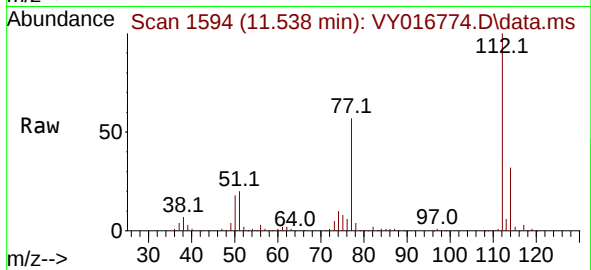
114 32.4 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/22/2023

Supervised By :Semsettin Yesilyurt 12/22/2023



#66

1,1,1,2-Tetrachloroethane

Concen: 52.747 ug/l

RT: 11.611 min Scan# 1606

Delta R.T. 0.012 min

Lab File: VY016774.D

Acq: 21 Dec 2023 22:04

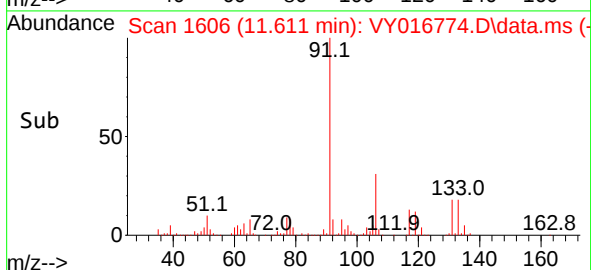
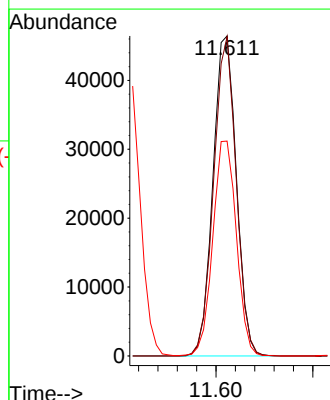
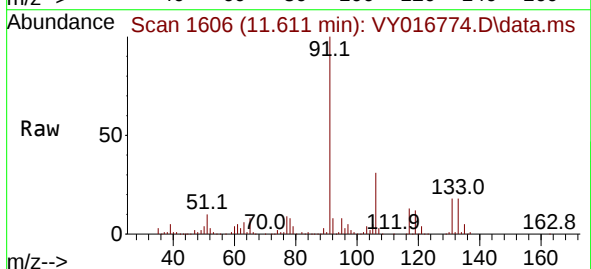
Tgt Ion:131 Resp: 77854

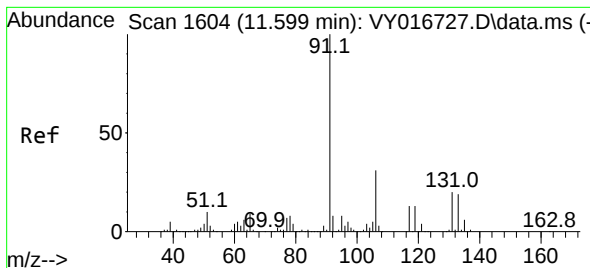
Ion Ratio Lower Upper

131 100

133 96.1 47.0 141.0

119 67.9 33.3 99.9





#67

Ethyl Benzene

Concen: 53.647 ug/l

RT: 11.611 min Scan# 1606

Delta R.T. 0.012 min

Lab File: VY016774.D

Acq: 21 Dec 2023 22:04

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 91 Resp: 38735

Ion Ratio Lower Upper

91 100

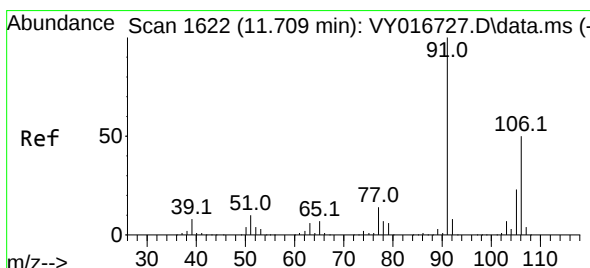
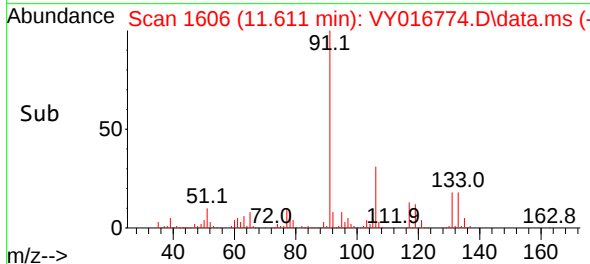
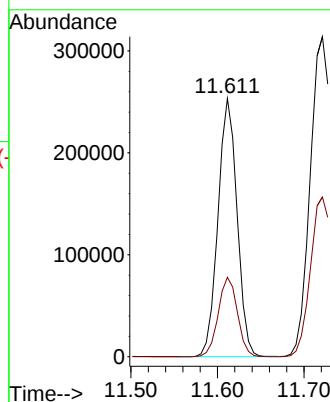
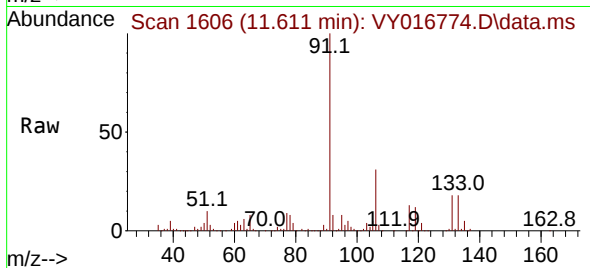
106 30.7 25.0 37.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/22/2023

Supervised By :Semsettin Yesilyurt 12/22/2023



#68

m/p-Xylenes

Concen: 107.973 ug/l

RT: 11.721 min Scan# 1624

Delta R.T. 0.012 min

Lab File: VY016774.D

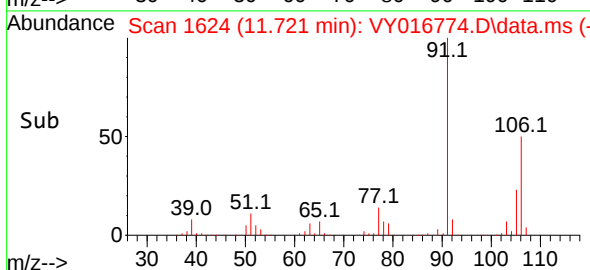
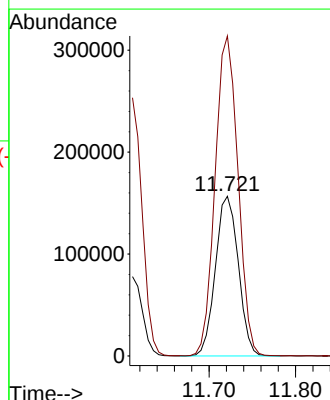
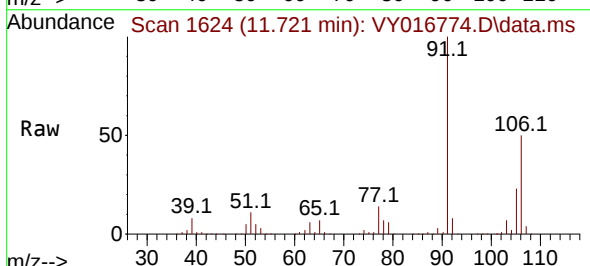
Acq: 21 Dec 2023 22:04

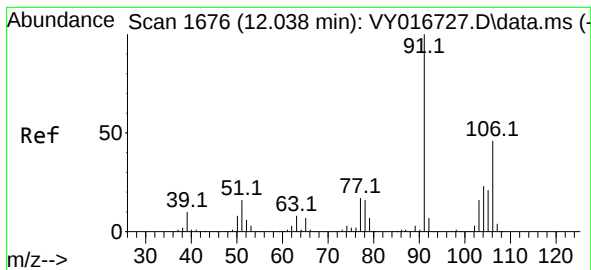
Tgt Ion:106 Resp: 287892

Ion Ratio Lower Upper

106 100

91 200.2 160.7 241.1





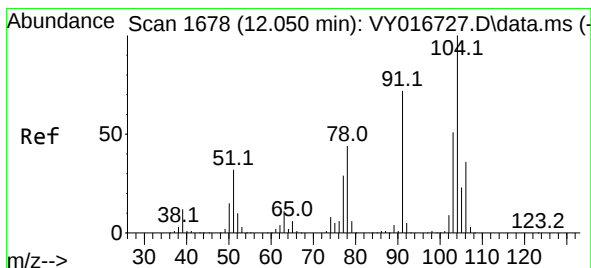
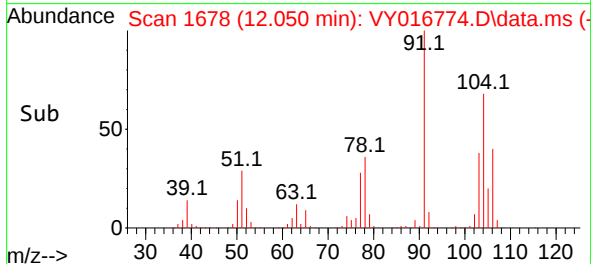
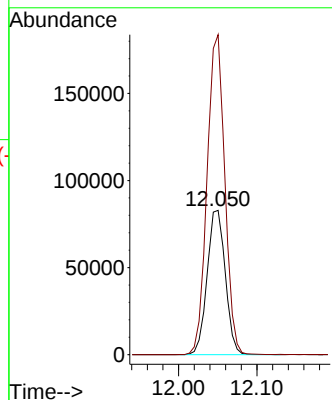
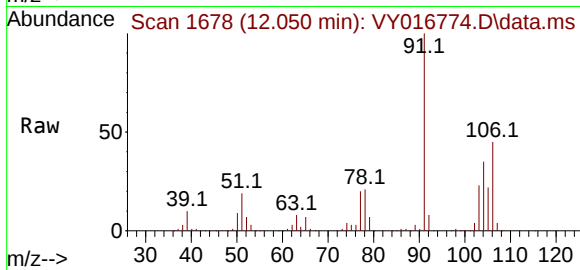
#69
o-Xylene
Concen: 54.459 ug/l
RT: 12.050 min Scan# 1678
Delta R.T. 0.012 min
Lab File: VY016774.D
Acq: 21 Dec 2023 22:04

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 13321
Ion Ratio Lower Upper
106 100
91 216.7 106.5 319.5

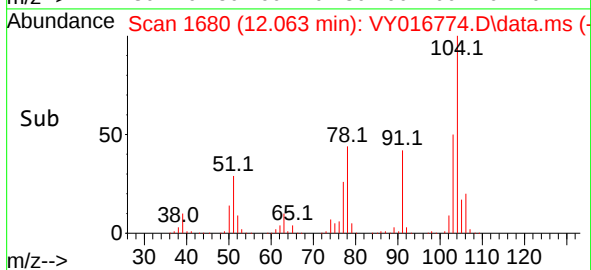
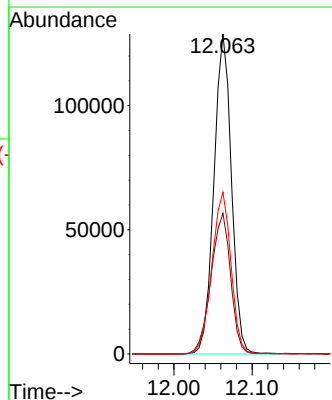
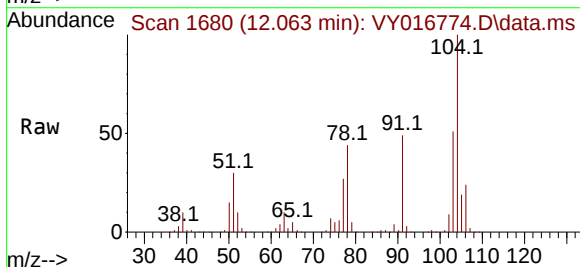
Manual Integrations
APPROVED

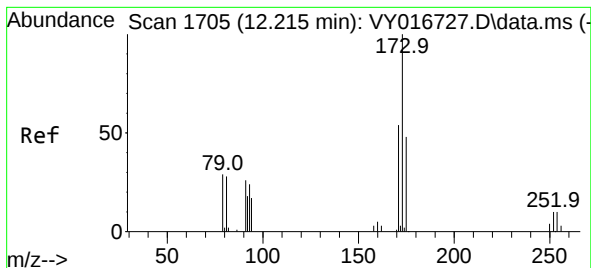
Reviewed By :Mahesh Dadoda 12/22/2023
Supervised By :Semsettin Yesilyurt 12/22/2023



#70
Styrene
Concen: 55.352 ug/l
RT: 12.063 min Scan# 1680
Delta R.T. 0.012 min
Lab File: VY016774.D
Acq: 21 Dec 2023 22:04

Tgt Ion:104 Resp: 200352
Ion Ratio Lower Upper
104 100
78 49.2 39.2 58.8
103 55.2 43.8 65.6





#71

Bromoform

Concen: 56.047 ug/l

RT: 12.227 min Scan# 1705

Delta R.T. 0.012 min

Lab File: VY016774.D

Acq: 21 Dec 2023 22:04

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

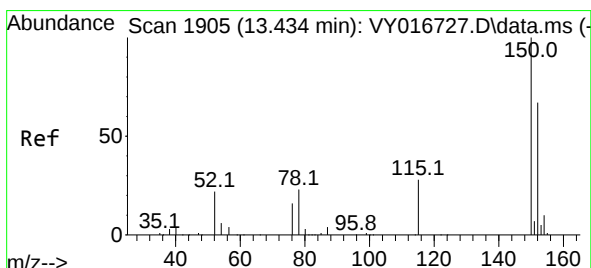
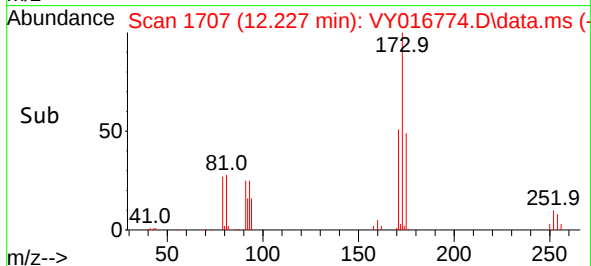
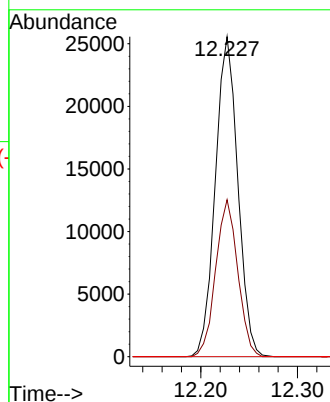
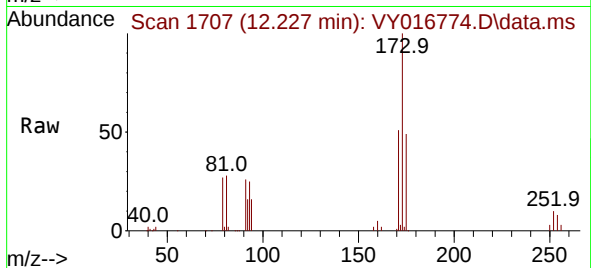
Tgt Ion:173 Resp: 4124

Ion	Ratio	Lower	Upper
173	100		
175	48.1	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

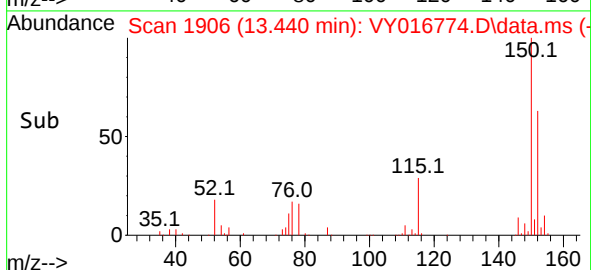
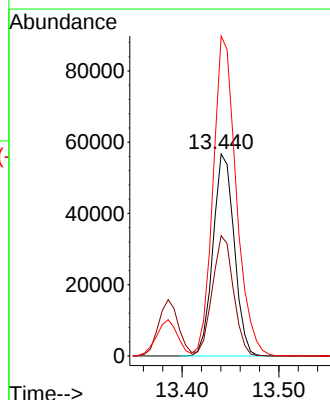
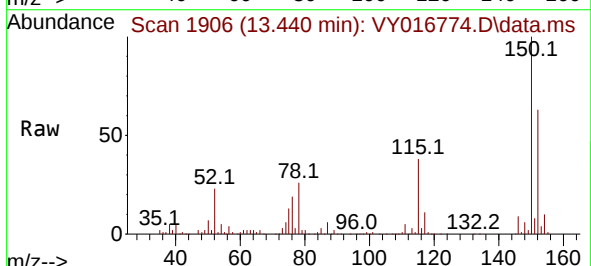
Delta R.T. 0.006 min

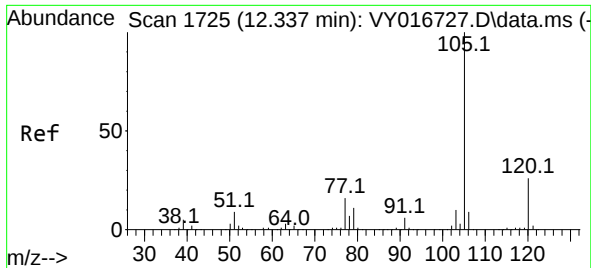
Lab File: VY016774.D

Acq: 21 Dec 2023 22:04

Tgt Ion:152 Resp: 86240

Ion	Ratio	Lower	Upper
152	100		
115	59.6	30.0	90.0
150	173.1	0.0	344.6





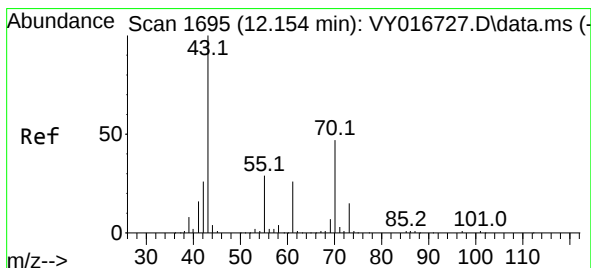
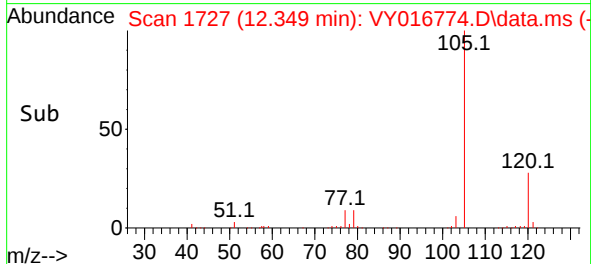
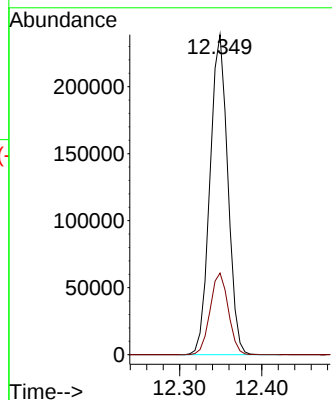
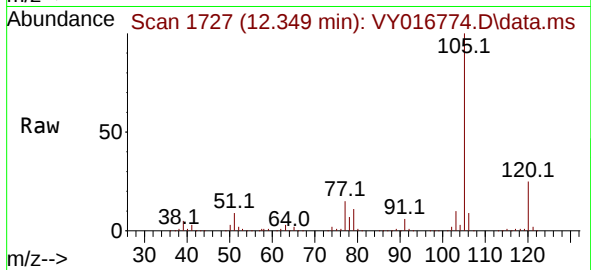
#73
Isopropylbenzene
Concen: 53.468 ug/l
RT: 12.349 min Scan# 1725
Delta R.T. 0.012 min
Lab File: VY016774.D
Acq: 21 Dec 2023 22:04

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:105 Resp: 35911
Ion Ratio Lower Upper
105 100
120 26.0 13.0 39.0

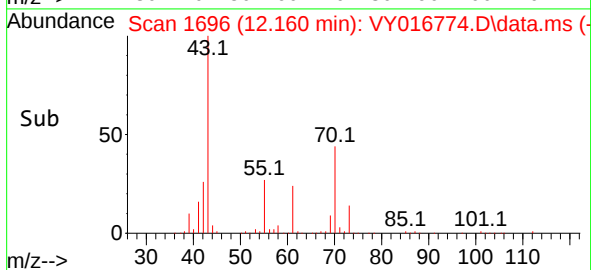
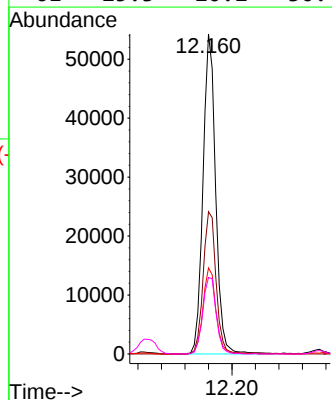
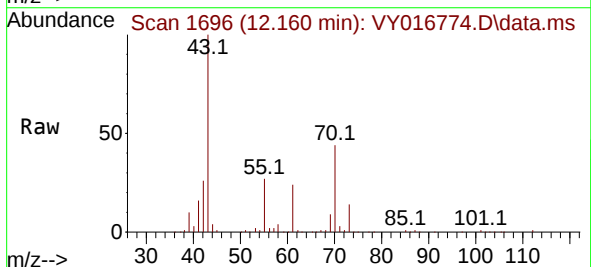
Manual Integrations
APPROVED

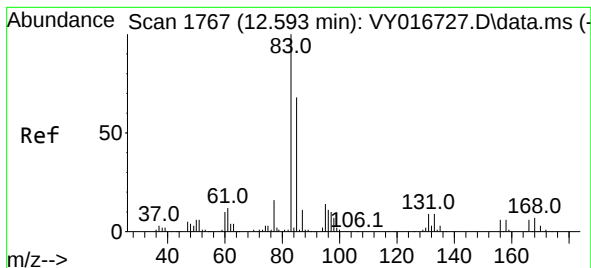
Reviewed By :Mahesh Dadoda 12/22/2023
Supervised By :Semsettin Yesilyurt 12/22/2023



#74
N-ethyl acetate
Concen: 57.430 ug/l
RT: 12.160 min Scan# 1696
Delta R.T. 0.006 min
Lab File: VY016774.D
Acq: 21 Dec 2023 22:04

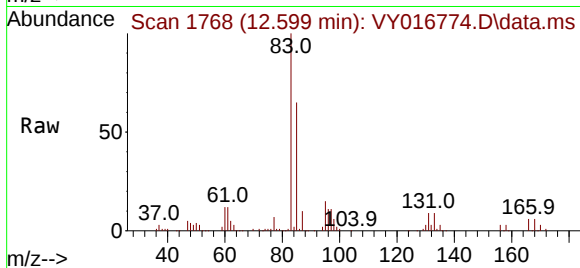
Tgt Ion: 43 Resp: 80951
Ion Ratio Lower Upper
43 100
70 45.4 36.6 55.0
55 27.8 22.2 33.4
61 25.3 20.2 30.4





#75
1,1,2,2-Tetrachloroethane
Concen: 55.831 ug/l
RT: 12.599 min Scan# 1768
Delta R.T. 0.006 min
Lab File: VY016774.D
Acq: 21 Dec 2023 22:04

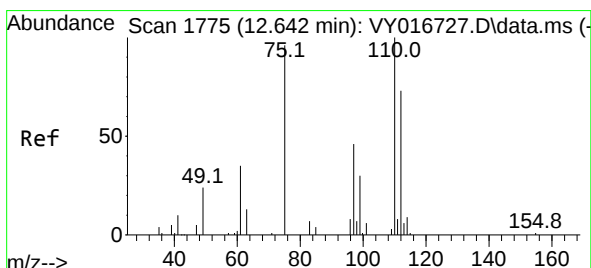
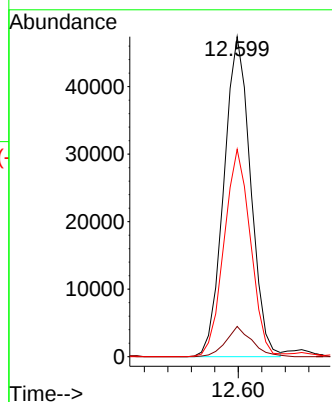
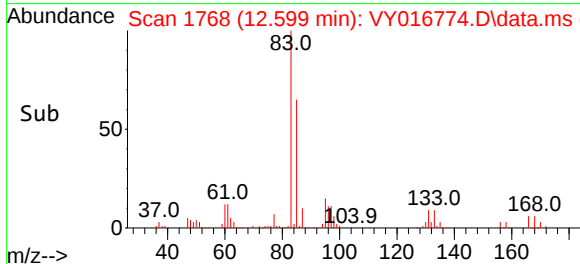
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 74935
Ion Ratio Lower Upper
83 100
131 9.2 4.9 14.6
85 64.3 32.6 98.0

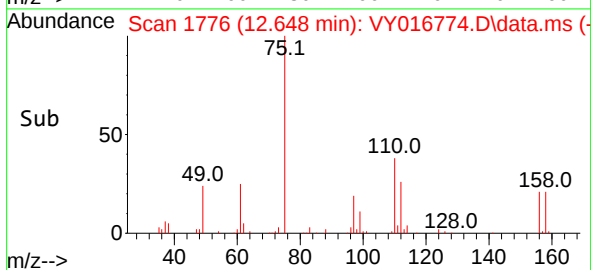
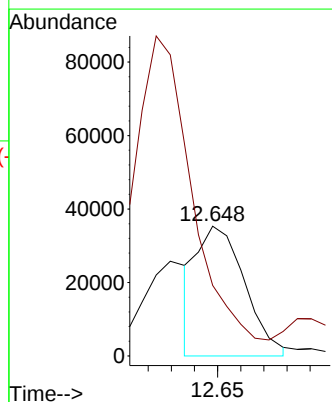
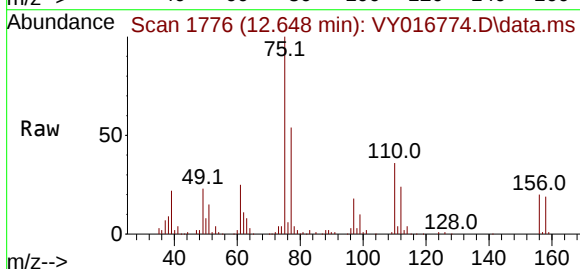
Manual Integrations
APPROVED

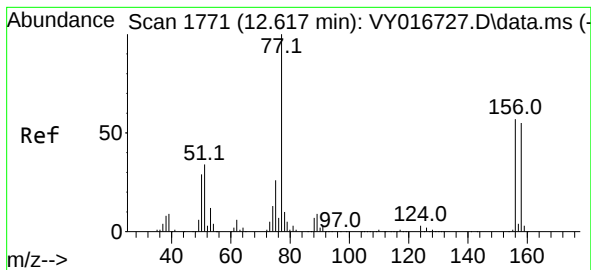
Reviewed By :Mahesh Dadoda 12/22/2023
Supervised By :Semsettin Yesilyurt 12/22/2023



#76
1,2,3-Trichloropropane
Concen: 53.310 ug/l m
RT: 12.648 min Scan# 1776
Delta R.T. 0.006 min
Lab File: VY016774.D
Acq: 21 Dec 2023 22:04

Tgt Ion: 75 Resp: 50822
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 52.828 ug/l

RT: 12.630 min Scan# 1773

Delta R.T. 0.012 min

Lab File: VY016774.D

Acq: 21 Dec 2023 22:04

Instrument :

MSVOA_Y

ClientSampleId :

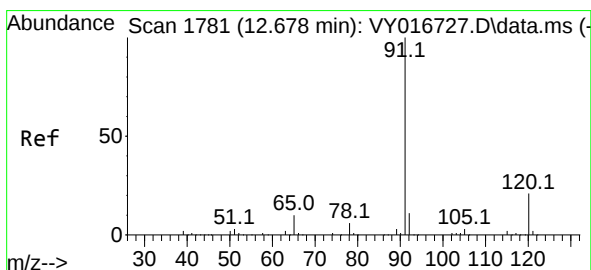
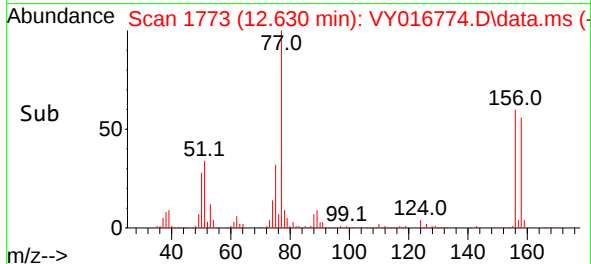
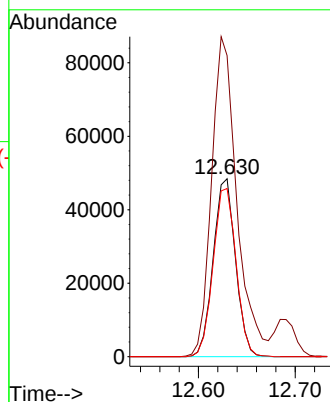
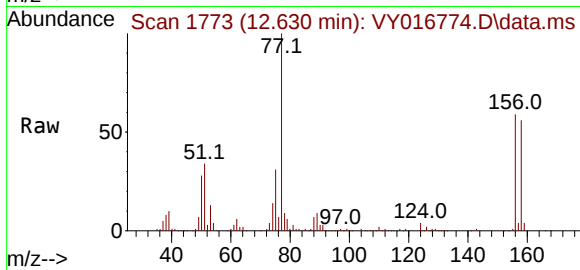
VSTDCCC050EC

Tgt Ion:	156	Resp:	77400
Ion Ratio	Lower	Upper	
156	100		
77	204.3	97.3	291.8
158	97.4	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: 53.017 ug/l

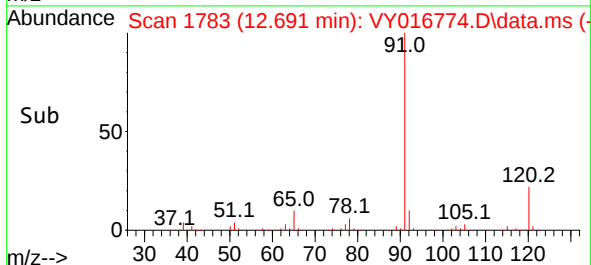
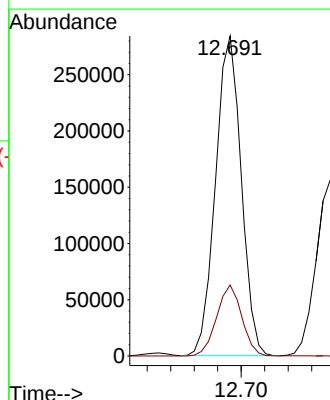
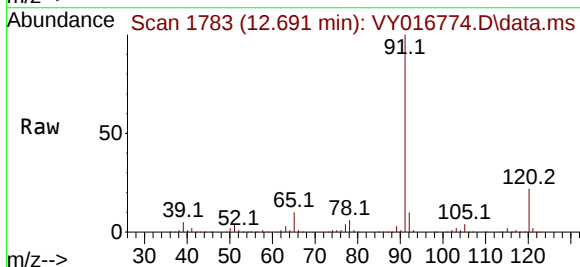
RT: 12.691 min Scan# 1783

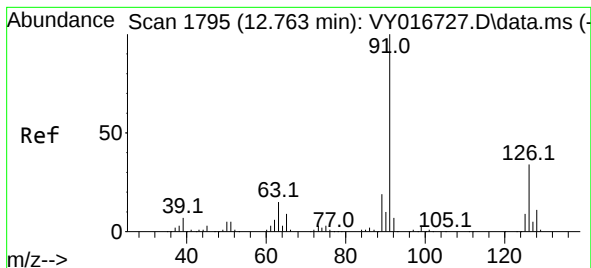
Delta R.T. 0.012 min

Lab File: VY016774.D

Acq: 21 Dec 2023 22:04

Tgt Ion:	91	Resp:	431429
Ion Ratio	Lower	Upper	
91	100		
120	21.7	11.0	33.0





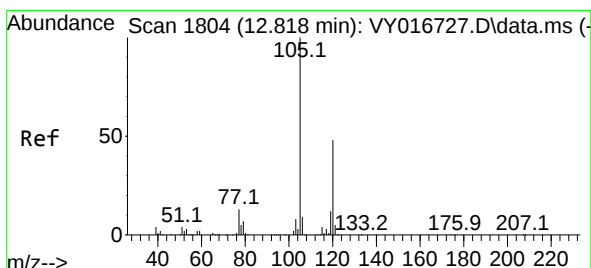
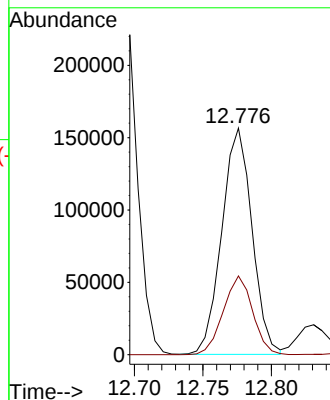
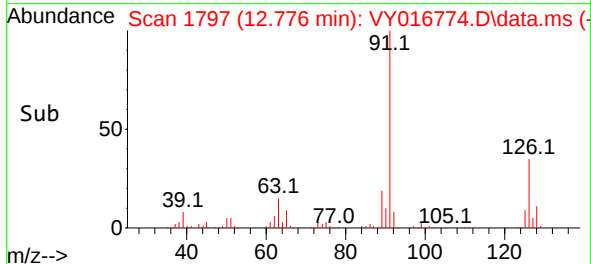
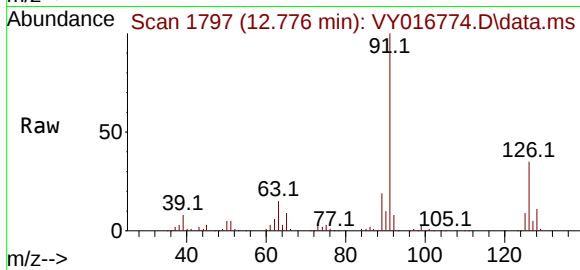
#79
2-Chlorotoluene
Concen: 53.317 ug/l
RT: 12.776 min Scan# 1795
Delta R.T. 0.012 min
Lab File: VY016774.D
Acq: 21 Dec 2023 22:04

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 240080
Ion Ratio Lower Upper
91 100
126 33.9 17.0 51.0

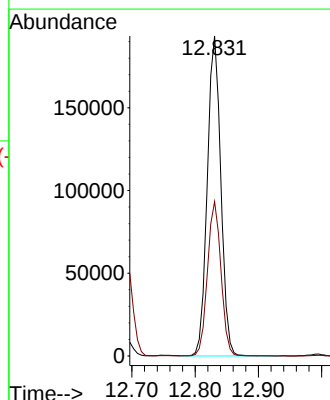
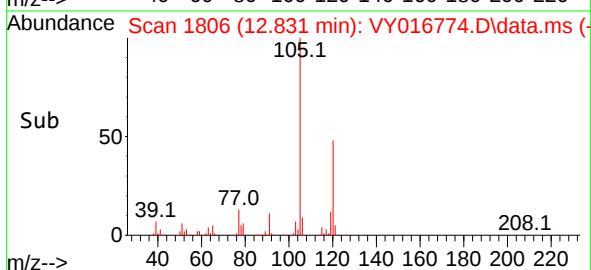
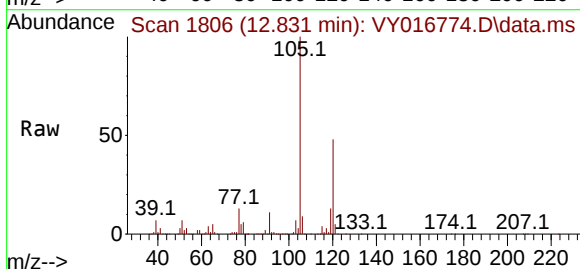
Manual Integrations
APPROVED

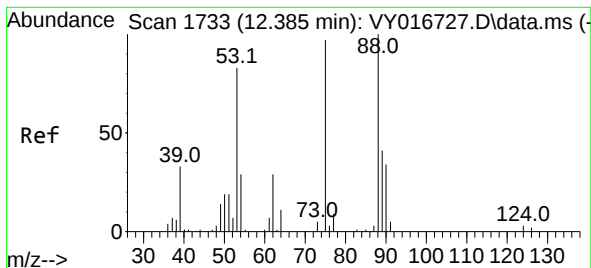
Reviewed By :Mahesh Dadoda 12/22/2023
Supervised By :Semsettin Yesilyurt 12/22/2023



#80
1,3,5-Trimethylbenzene
Concen: 54.158 ug/l
RT: 12.831 min Scan# 1806
Delta R.T. 0.012 min
Lab File: VY016774.D
Acq: 21 Dec 2023 22:04

Tgt Ion:105 Resp: 287940
Ion Ratio Lower Upper
105 100
120 47.9 24.3 72.8





#81

trans-1,4-Dichloro-2-butene

Concen: 53.867 ug/l

RT: 12.398 min Scan# 11

Delta R.T. 0.012 min

Lab File: VY016774.D

Acq: 21 Dec 2023 22:04

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 75 Resp: 2186

Ion Ratio Lower Upper

75 100

53 91.1 74.0 111.0

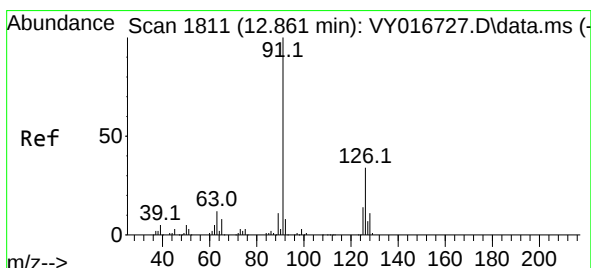
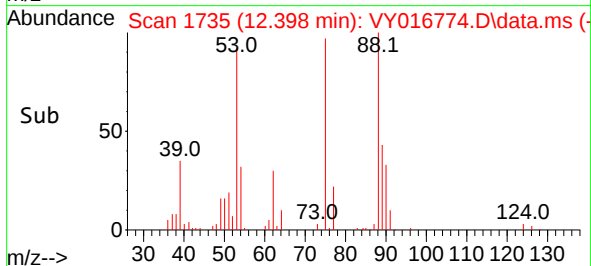
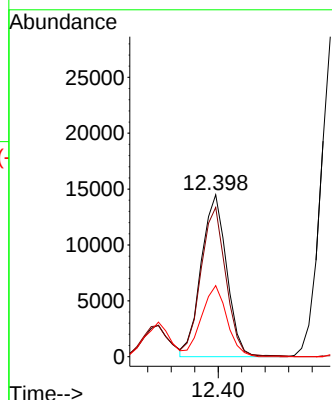
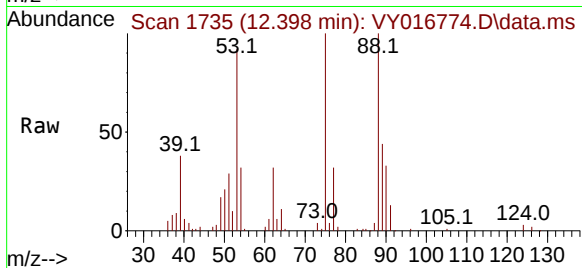
89 44.0 36.5 54.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/22/2023

Supervised By :Semsettin Yesilyurt 12/22/2023



#82

4-Chlorotoluene

Concen: 53.780 ug/l

RT: 12.873 min Scan# 1813

Delta R.T. 0.012 min

Lab File: VY016774.D

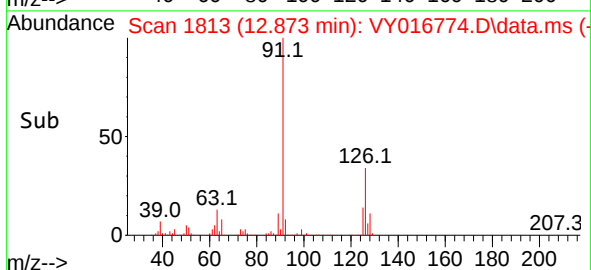
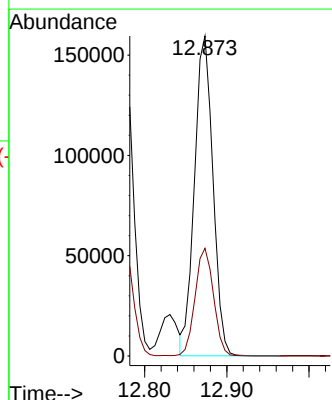
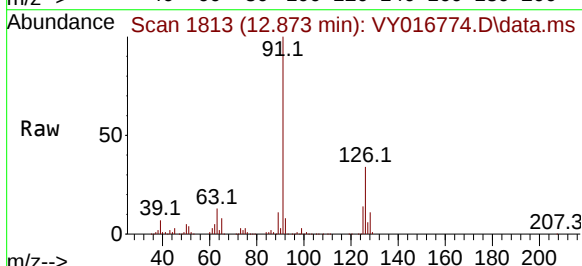
Acq: 21 Dec 2023 22:04

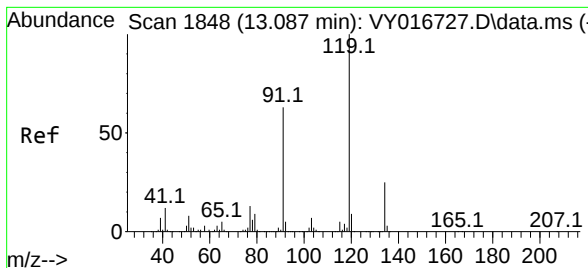
Tgt Ion: 91 Resp: 248436

Ion Ratio Lower Upper

91 100

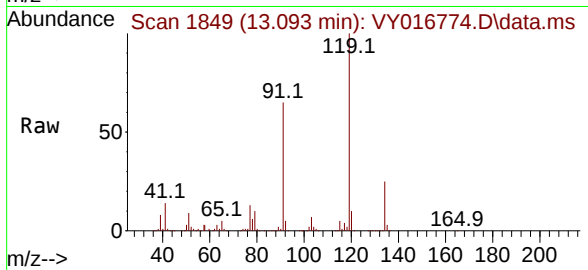
126 33.7 17.1 51.2





#83
tert-Butylbenzene
Concen: 53.216 ug/l
RT: 13.093 min Scan# 1848
Delta R.T. 0.006 min
Lab File: VY016774.D
Acq: 21 Dec 2023 22:04

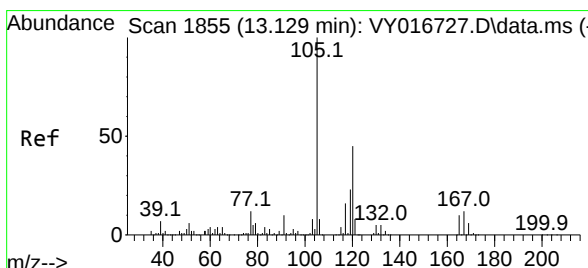
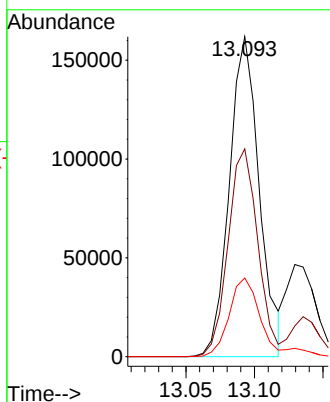
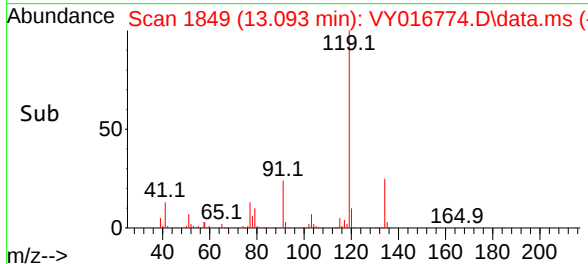
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



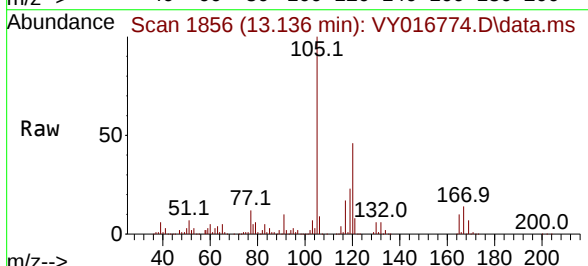
Tgt Ion:119 Resp: 24610
Ion Ratio Lower Upper
119 100
91 64.5 31.5 94.5
134 26.7 13.1 39.3

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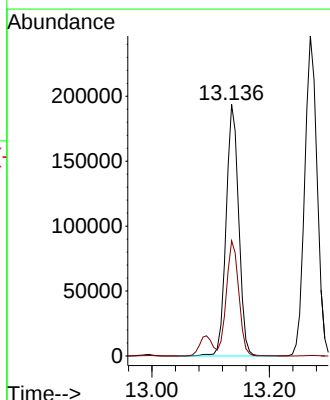
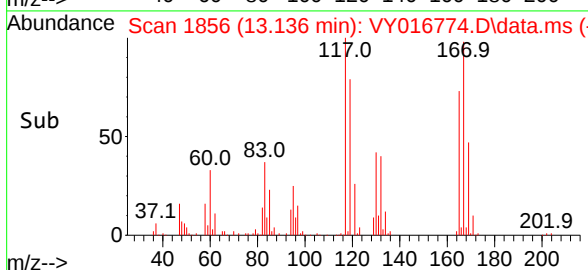
Reviewed By :Mahesh Dadoda 12/22/2023
Supervised By :Semsettin Yesilyurt 12/22/2023

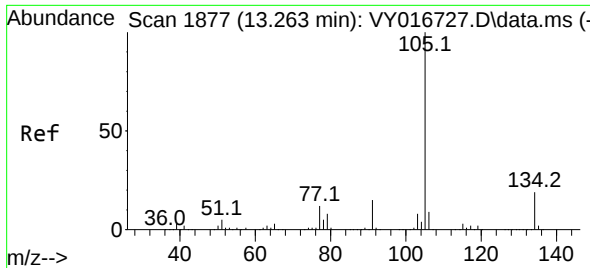


#84
1,2,4-Trimethylbenzene
Concen: 54.949 ug/l
RT: 13.136 min Scan# 1856
Delta R.T. 0.006 min
Lab File: VY016774.D
Acq: 21 Dec 2023 22:04



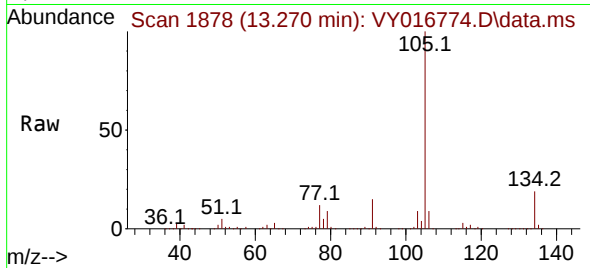
Tgt Ion:105 Resp: 288076
Ion Ratio Lower Upper
105 100
120 44.7 22.1 66.3





#85
 sec-Butylbenzene
 Concen: 52.653 ug/l
 RT: 13.270 min Scan# 1877
 Delta R.T. 0.006 min
 Lab File: VY016774.D
 Acq: 21 Dec 2023 22:04

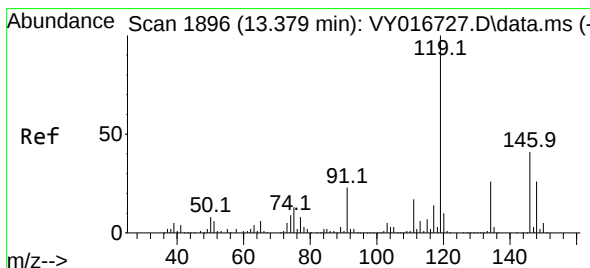
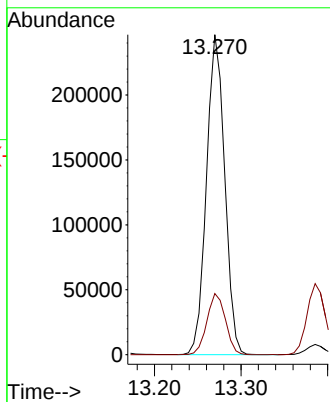
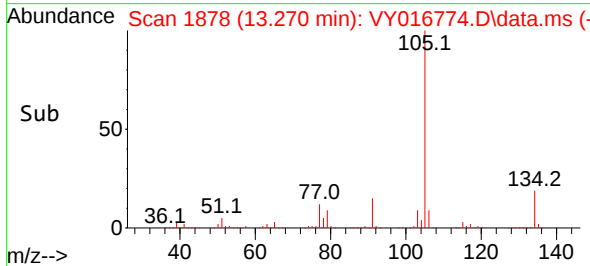
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC



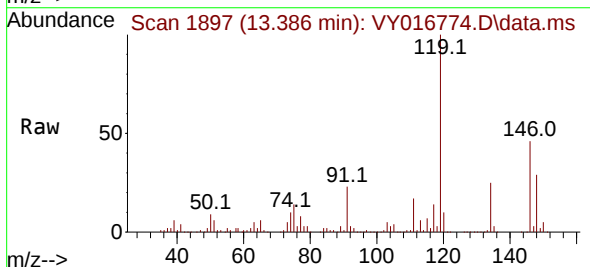
Tgt Ion:105 Resp: 360660
 Ion Ratio Lower Upper
 105 100
 134 19.4 9.7 28.9

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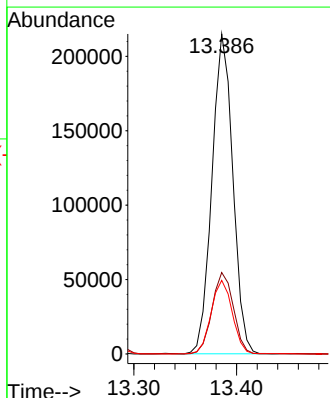
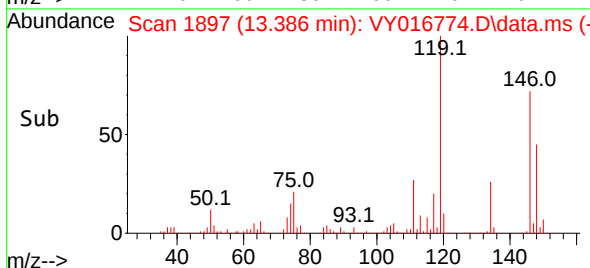
Reviewed By :Mahesh Dadoda 12/22/2023
 Supervised By :Semsettin Yesilyurt 12/22/2023

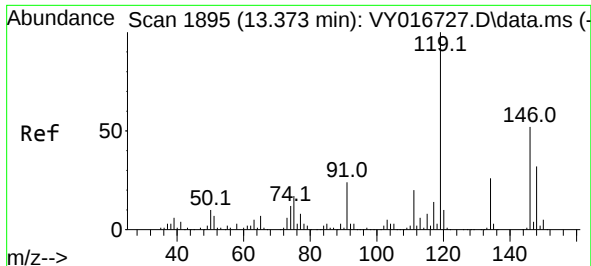


#86
 p-Isopropyltoluene
 Concen: 53.035 ug/l
 RT: 13.386 min Scan# 1897
 Delta R.T. 0.006 min
 Lab File: VY016774.D
 Acq: 21 Dec 2023 22:04



Tgt Ion:119 Resp: 302539
 Ion Ratio Lower Upper
 119 100
 134 26.2 13.1 39.1
 91 23.4 11.7 35.0





#87

1,3-Dichlorobenzene

Concen: 52.240 ug/l

RT: 13.386 min Scan# 1895

Delta R.T. 0.012 min

Lab File: VY016774.D

Acq: 21 Dec 2023 22:04

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion:146 Resp: 149590

Ion Ratio Lower Upper

146 100

111 40.5 20.2 60.5

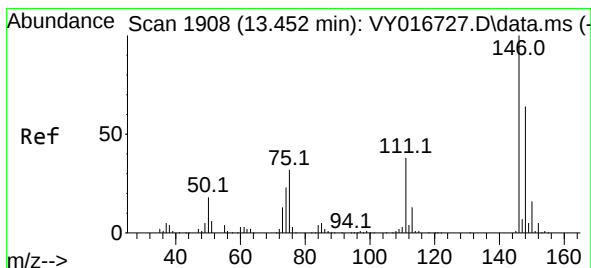
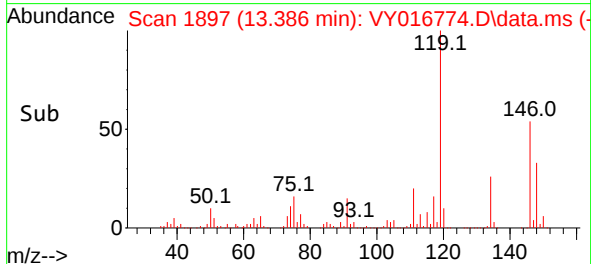
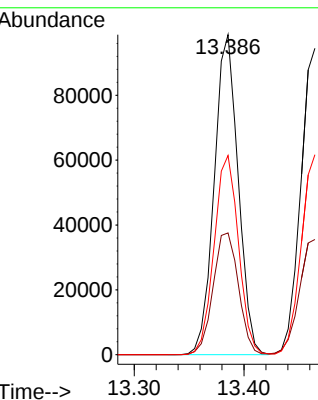
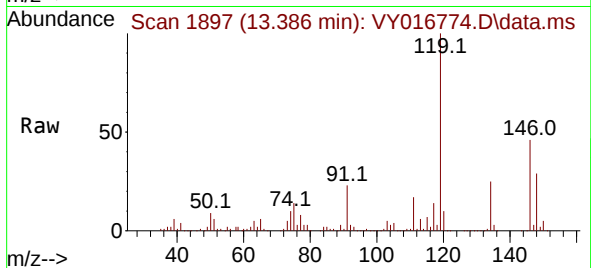
148 63.4 31.9 95.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/22/2023

Supervised By :Semsettin Yesilyurt 12/22/2023



#88

1,4-Dichlorobenzene

Concen: 52.079 ug/l

RT: 13.465 min Scan# 1910

Delta R.T. 0.012 min

Lab File: VY016774.D

Acq: 21 Dec 2023 22:04

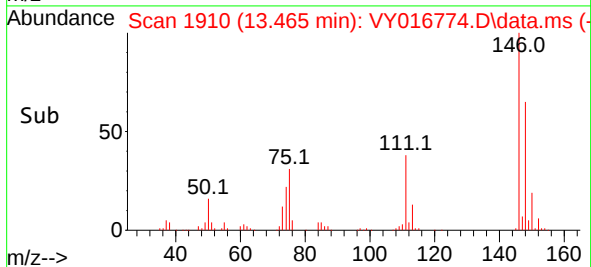
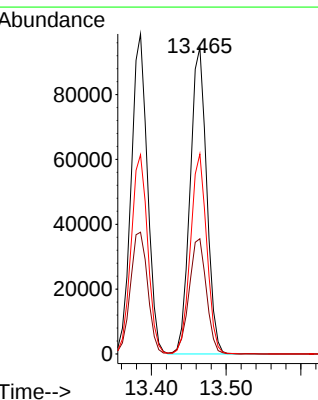
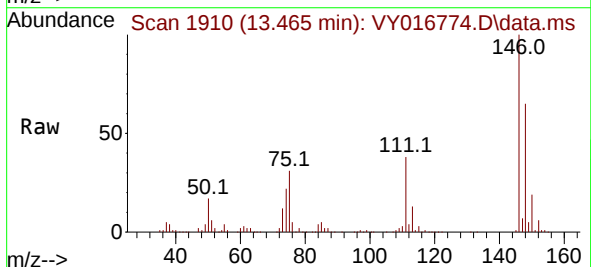
Tgt Ion:146 Resp: 145619

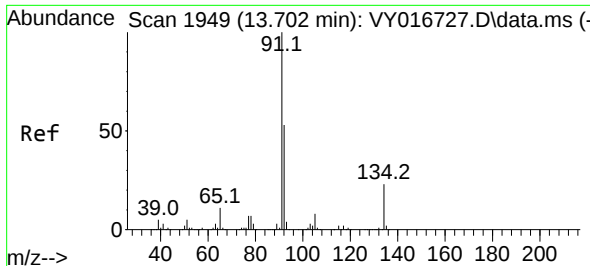
Ion Ratio Lower Upper

146 100

111 39.2 19.3 57.9

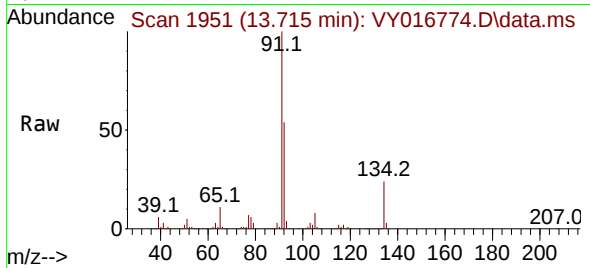
148 64.1 31.6 94.7





#89
n-Butylbenzene
Concen: 52.588 ug/l
RT: 13.715 min Scan# 1951
Delta R.T. 0.012 min
Lab File: VY016774.D
Acq: 21 Dec 2023 22:04

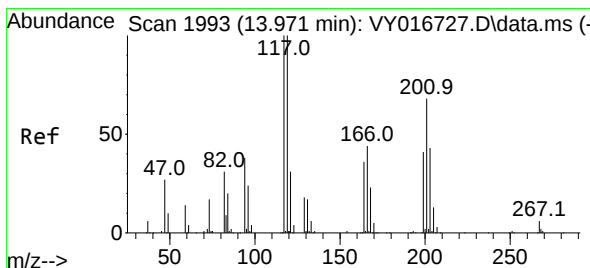
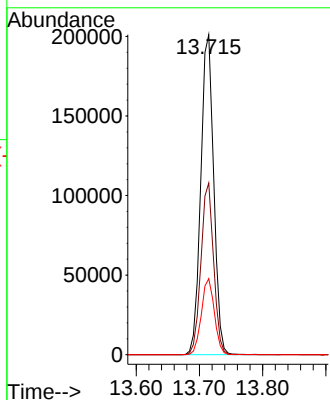
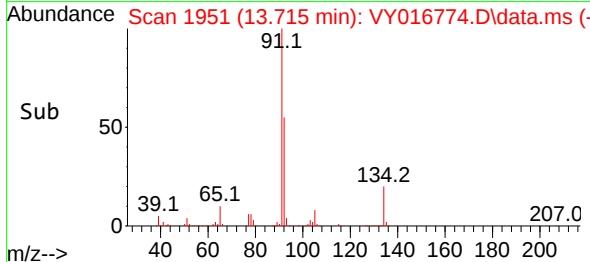
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 28676
Ion Ratio Lower Upper
91 100
92 52.6 26.4 79.2
134 23.8 12.3 36.8

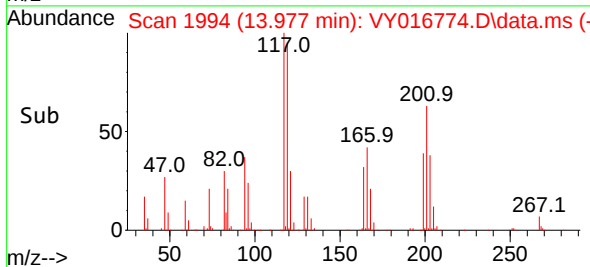
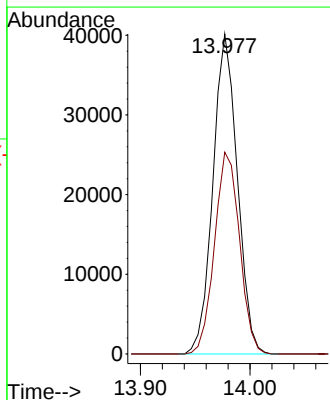
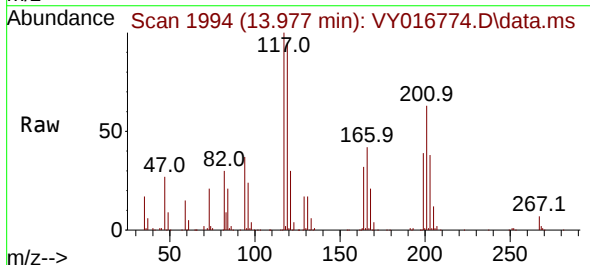
Manual Integrations
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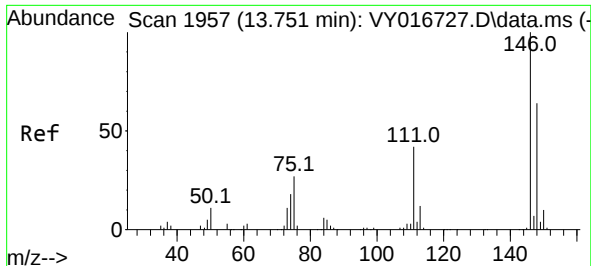
Reviewed By :Mahesh Dadoda 12/22/2023
Supervised By :Semsettin Yesilyurt 12/22/2023



#90
Hexachloroethane
Concen: 52.373 ug/l
RT: 13.977 min Scan# 1994
Delta R.T. 0.006 min
Lab File: VY016774.D
Acq: 21 Dec 2023 22:04

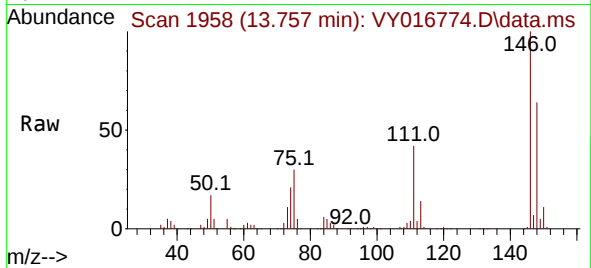
Tgt Ion:117 Resp: 62211
Ion Ratio Lower Upper
117 100
201 64.7 33.4 100.1





#91
1,2-Dichlorobenzene
Concen: 53.804 ug/l
RT: 13.757 min Scan# 1957
Delta R.T. 0.006 min
Lab File: VY016774.D
Acq: 21 Dec 2023 22:04

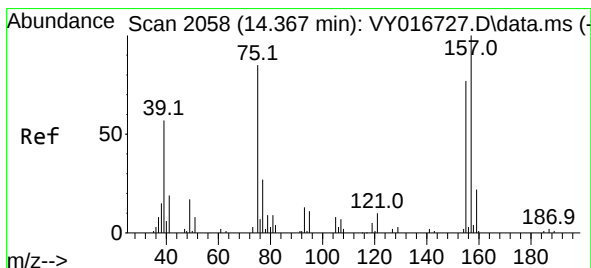
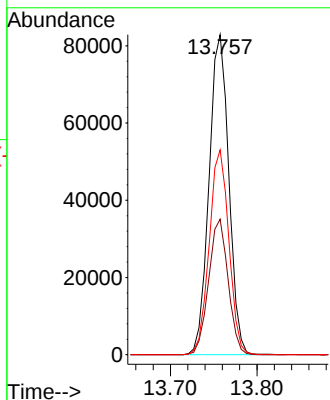
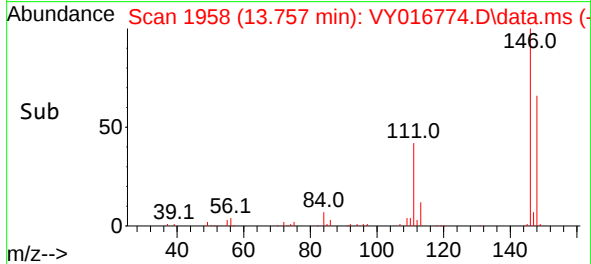
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



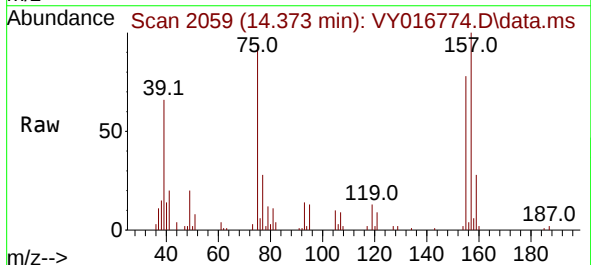
Tgt Ion:146 Resp: 131252
Ion Ratio Lower Upper
146 100
111 41.8 20.5 61.6
148 63.6 31.4 94.3

Manual Integrations
APPROVED

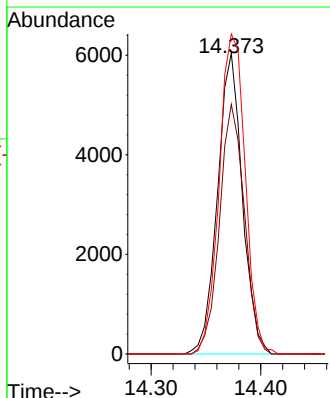
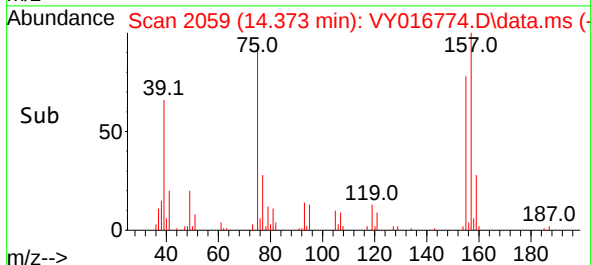
Reviewed By :Mahesh Dadoda 12/22/2023
Supervised By :Semsettin Yesilyurt 12/22/2023

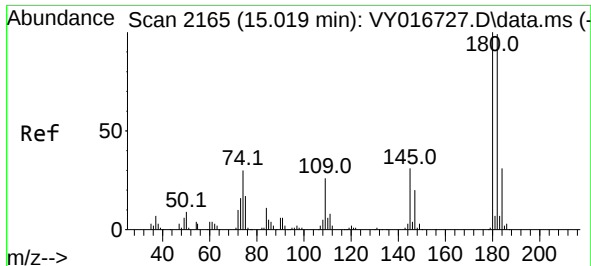


#92
1,2-Dibromo-3-Chloropropane
Concen: 54.649 ug/l
RT: 14.373 min Scan# 2059
Delta R.T. 0.006 min
Lab File: VY016774.D
Acq: 21 Dec 2023 22:04



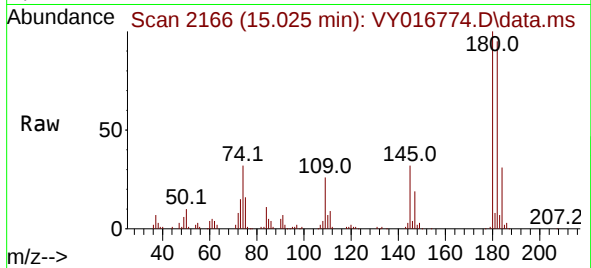
Tgt Ion: 75 Resp: 9508
Ion Ratio Lower Upper
75 100
155 83.1 42.1 126.3
157 111.5 55.8 167.4





#93
1,2,4-Trichlorobenzene
Concen: 52.181 ug/l
RT: 15.025 min Scan# 2166
Delta R.T. 0.006 min
Lab File: VY016774.D
Acq: 21 Dec 2023 22:04

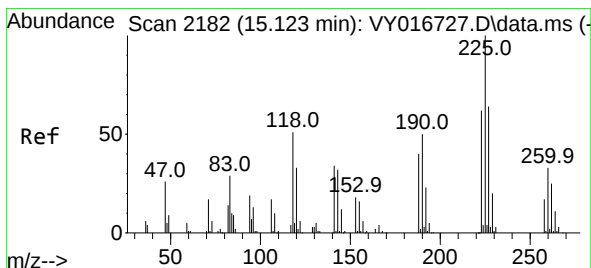
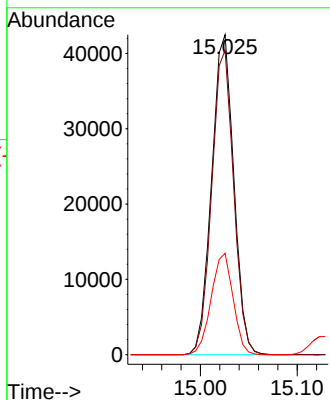
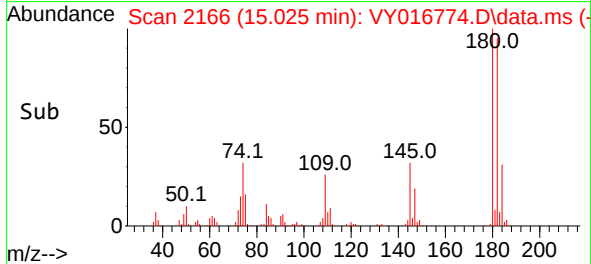
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



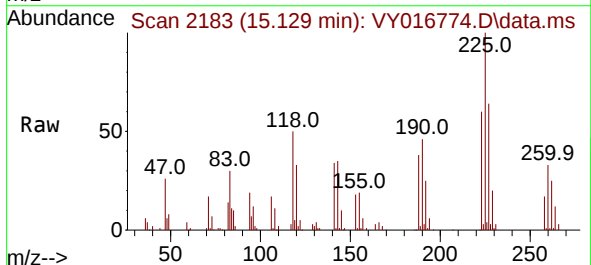
Tgt Ion:180 Resp: 67544
Ion Ratio Lower Upper
180 100
182 93.9 47.9 143.7
145 31.4 15.9 47.7

Manual Integrations
APPROVED

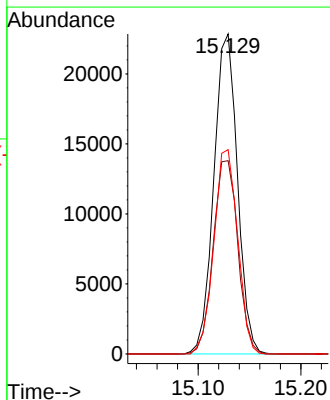
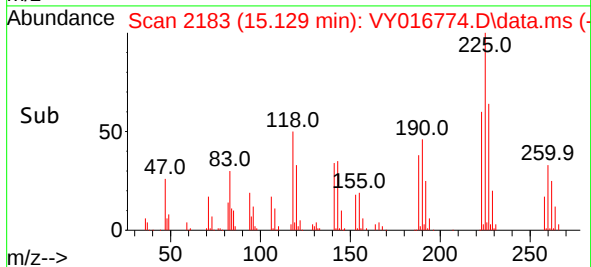
Reviewed By :Mahesh Dadoda 12/22/2023
Supervised By :Semsettin Yesilyurt 12/22/2023

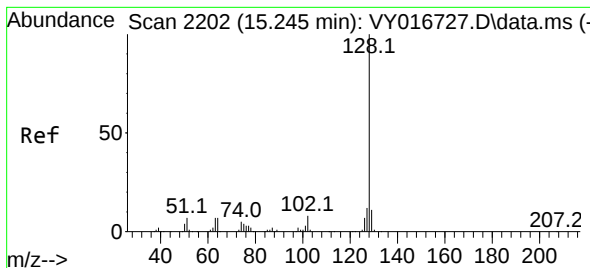


#94
Hexachlorobutadiene
Concen: 49.527 ug/l
RT: 15.129 min Scan# 2183
Delta R.T. 0.006 min
Lab File: VY016774.D
Acq: 21 Dec 2023 22:04



Tgt Ion:225 Resp: 36412
Ion Ratio Lower Upper
225 100
223 63.2 31.4 94.3
227 64.4 32.3 96.8





#95

Naphthalene

Concen: 49.343 ug/l

RT: 15.251 min Scan# 21

Delta R.T. 0.006 min

Lab File: VY016774.D

Acq: 21 Dec 2023 22:04

Instrument :

MSVOA_Y

ClientSampleId :

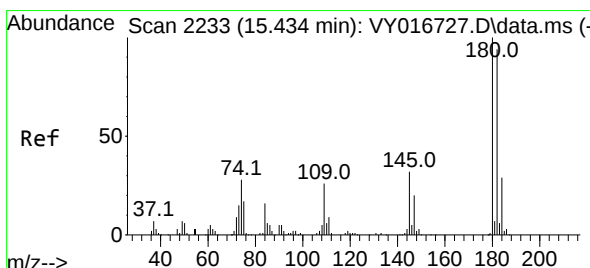
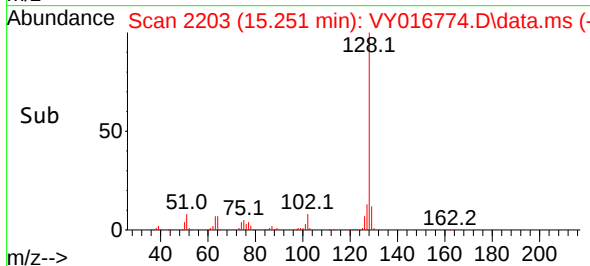
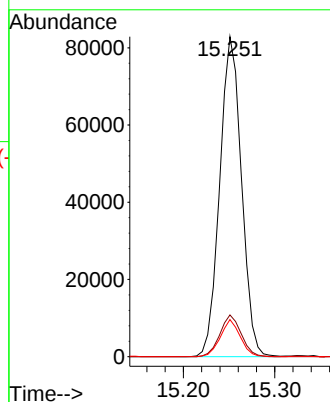
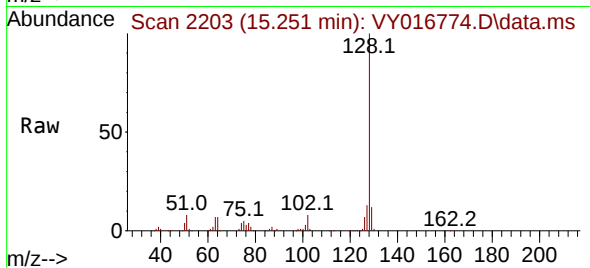
VSTDCCC050EC

Tgt Ion:128	Resp: 137354
Ion Ratio	Lower Upper
128 100	
127 12.8	10.2 15.4
129 10.6	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: 52.953 ug/l

RT: 15.440 min Scan# 2234

Delta R.T. 0.006 min

Lab File: VY016774.D

Acq: 21 Dec 2023 22:04

Tgt Ion:180	Resp: 58376
Ion Ratio	Lower Upper
180 100	
182 94.0	46.3 138.8
145 32.9	16.1 48.2

