

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120523\
 Data File : VY016605.D
 Acq On : 05 Dec 2023 19:02
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Dec 06 09:13:04 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y120423S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 05 01:24:25 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 12/11/2023
 Supervised By :Mahesh Dadoda 12/11/2023

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

Internal Standards						
1) Pentafluorobenzene	7.813	168	203876	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.710	114	309778	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	270217	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	127453	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.161	65	87649	46.514	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	93.020%		
35) Dibromofluoromethane	7.740	113	84984	45.586	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	91.180%		
50) Toluene-d8	10.197	98	326528	46.305	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	92.620%		
62) 4-Bromofluorobenzene	12.495	95	109123	47.057	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	94.120%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.912	85	81489	45.249	ug/l	98
3) Chloromethane	2.125	50	75955	40.656	ug/l	98
4) Vinyl Chloride	2.266	62	76968	40.796	ug/l	97
5) Bromomethane	2.668	94	52197	44.167	ug/l	98
6) Chloroethane	2.814	64	49667	42.619	ug/l	90
7) Trichlorofluoromethane	3.143	101	173881	48.752	ug/l	97
8) Diethyl Ether	3.546	74	46396	46.707	ug/l	84
9) 1,1,2-Trichlorotrifluo...	3.924	101	91291	45.771	ug/l	97
10) Methyl Iodide	4.113	142	106982	50.766	ug/l	99
11) Tert butyl alcohol	4.978	59	28294	220.377	ug/l #	82
12) 1,1-Dichloroethene	3.899	96	85340	47.101	ug/l	89
13) Acrolein	3.747	56	35764	191.605	ug/l	99
14) Allyl chloride	4.509	41	120434	43.556	ug/l #	89
15) Acrylonitrile	5.186	53	89083	222.195	ug/l	98
16) Acetone	3.966	43	82993	194.631	ug/l	97
17) Carbon Disulfide	4.223	76	232534	45.776	ug/l	100
18) Methyl Acetate	4.503	43	76115	45.032	ug/l #	87
19) Methyl tert-butyl Ether	5.241	73	223910	50.273	ug/l	97
20) Methylene Chloride	4.741	84	94883	50.508	ug/l	87
21) trans-1,2-Dichloroethene	5.253	96	96754	47.487	ug/l	91
22) Diisopropyl ether	6.143	45	257914	45.354	ug/l #	90
23) Vinyl Acetate	6.088	43	601745	220.422	ug/l #	93
24) 1,1-Dichloroethane	6.045	63	162618	46.546	ug/l	96
25) 2-Butanone	7.009	43	112491	191.850	ug/l	94
26) 2,2-Dichloropropane	7.009	77	161808	49.265	ug/l	99
27) cis-1,2-Dichloroethene	7.015	96	110630	49.328	ug/l	91
28) Bromochloromethane	7.356	49	65666	46.403	ug/l #	74
29) Tetrahydrofuran	7.374	42	71389	213.549	ug/l #	87
30) Chloroform	7.527	83	183595	49.299	ug/l	98
31) Cyclohexane	7.807	56	131848	40.986	ug/l	91
32) 1,1,1-Trichloroethane	7.728	97	178989	50.785	ug/l	97
36) 1,1-Dichloropropene	7.941	75	133192	47.000	ug/l	98
37) Ethyl Acetate	7.094	43	51019	43.025	ug/l	97
38) Carbon Tetrachloride	7.923	117	166761	50.831	ug/l	98
39) Methylcyclohexane	9.203	83	160416	46.983	ug/l	90
40) Benzene	8.179	78	379762	47.544	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.326	41	28520	41.644	ug/l	98
42) 1,2-Dichloroethane	8.258	62	116022	50.024	ug/l	97
43) Isopropyl Acetate	8.289	43	100710	44.026	ug/l #	90
44) Trichloroethene	8.959	130	119654	49.673	ug/l	97
45) 1,2-Dichloropropane	9.234	63	87591	45.548	ug/l	95
46) Dibromomethane	9.319	93	51583	48.929	ug/l	95
47) Bromodichloromethane	9.514	83	139626	49.748	ug/l	98
48) Methyl methacrylate	9.307	41	59829	45.287	ug/l	91
49) 1,4-Dioxane	9.319	88	10129	949.236	ug/l #	63
51) 4-Methyl-2-Pentanone	10.081	43	259938	218.655	ug/l	93
52) Toluene	10.258	92	249885	49.915	ug/l	92
53) t-1,3-Dichloropropene	10.477	75	132386	49.980	ug/l	99
54) cis-1,3-Dichloropropene	9.947	75	150522	48.386	ug/l	95
55) 1,1,2-Trichloroethane	10.660	97	70666	48.120	ug/l	92
56) Ethyl methacrylate	10.526	69	66234	49.204	ug/l	89
57) 1,3-Dichloropropane	10.807	76	118177	47.637	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.795	63	164288	198.045	ug/l #	86
59) 2-Hexanone	10.843	43	186199	207.046	ug/l	93
60) Dibromochloromethane	11.002	129	99480	50.699	ug/l	100
61) 1,2-Dibromoethane	11.105	107	67762	49.059	ug/l	99
64) Tetrachloroethene	10.734	164	126788	51.197	ug/l	98
65) Chlorobenzene	11.532	112	274994	50.245	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.605	131	110112	51.475	ug/l	98
67) Ethyl Benzene	11.605	91	480206	48.923	ug/l	98
68) m/p-Xylenes	11.715	106	371482	99.694	ug/l	95
69) o-Xylene	12.044	106	177867	51.133	ug/l	96
70) Styrene	12.056	104	254614	51.016	ug/l	100
71) Bromoform	12.221	173	59845	51.810	ug/l	99
73) Isopropylbenzene	12.343	105	483690	51.252	ug/l	98
74) N-amyl acetate	12.154	43	84099	44.690	ug/l #	90
75) 1,1,2,2-Tetrachloroethane	12.593	83	68576	45.685	ug/l	98
76) 1,2,3-Trichloropropane	12.648	75	56854m	49.382	ug/l	
77) Bromobenzene	12.623	156	116442	52.351	ug/l	86
78) n-propylbenzene	12.684	91	542568	49.393	ug/l	95
79) 2-Chlorotoluene	12.770	91	306700	49.548	ug/l	95
80) 1,3,5-Trimethylbenzene	12.825	105	397518	51.837	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.392	75	23011	45.086	ug/l	97
82) 4-Chlorotoluene	12.867	91	312211	48.745	ug/l	96
83) tert-Butylbenzene	13.087	119	352871	51.502	ug/l	99
84) 1,2,4-Trimethylbenzene	13.136	105	387223	51.696	ug/l	97
85) sec-Butylbenzene	13.264	105	484169	50.313	ug/l	97
86) p-Isopropyltoluene	13.379	119	427699	51.201	ug/l	98
87) 1,3-Dichlorobenzene	13.379	146	216834	51.069	ug/l	99
88) 1,4-Dichlorobenzene	13.459	146	210145	50.431	ug/l	99
89) n-Butylbenzene	13.709	91	370039	49.258	ug/l	95
90) Hexachloroethane	13.971	117	81469	49.567	ug/l	97
91) 1,2-Dichlorobenzene	13.751	146	185357	50.847	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.373	75	11846	49.315	ug/l	90
93) 1,2,4-Trichlorobenzene	15.019	180	109263	53.117	ug/l	99
94) Hexachlorobutadiene	15.123	225	66806	51.404	ug/l	98
95) Naphthalene	15.251	128	181237	53.944	ug/l	99
96) 1,2,3-Trichlorobenzene	15.440	180	88040	54.299	ug/l	99

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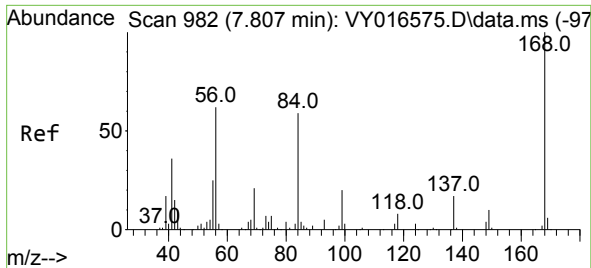
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 12/11/2023

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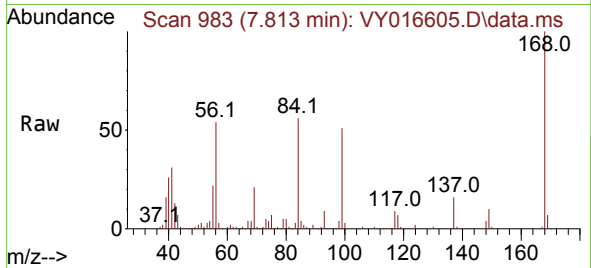
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.813 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY016605.D
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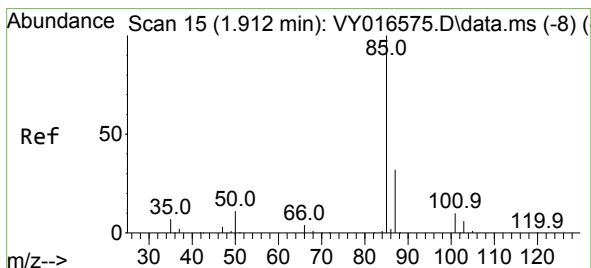
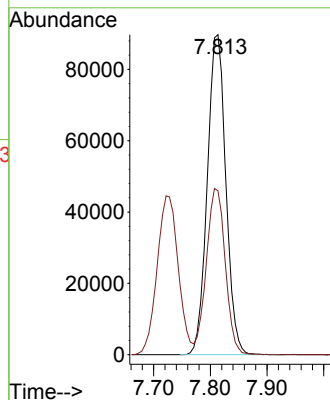
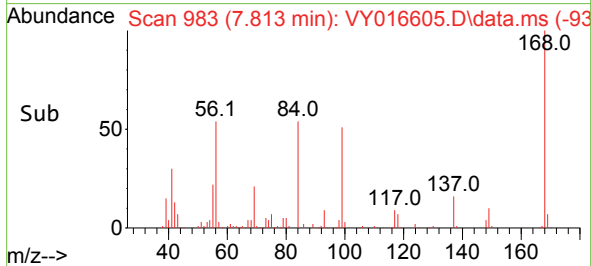
Instrument :
MSVOA_Y
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VSTDCCC050EC



Tgt Ion:168 Resp: 203870
Ion Ratio Lower Upper
168 100
99 51.2 43.4 65.0

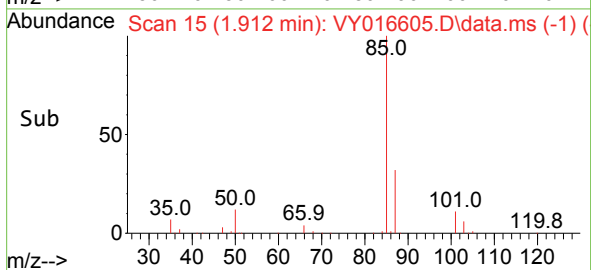
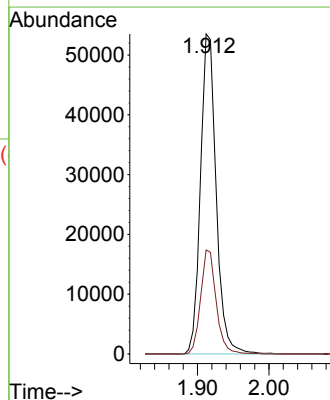
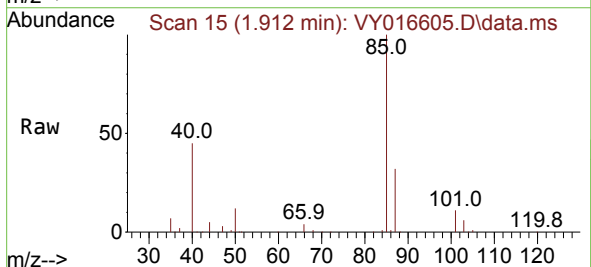
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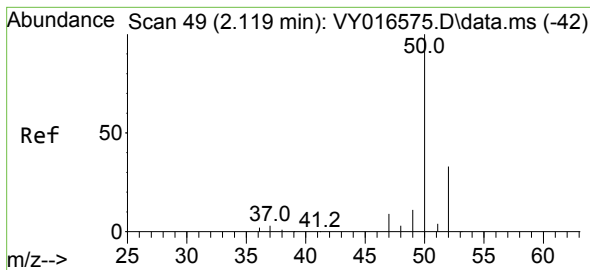
Reviewed By :Semsettin Yesilyurt 12/11/2023
Supervised By :Mahesh Dadoda 12/11/2023



#2
Dichlorodifluoromethane
Concen: 45.249 ug/l
RT: 1.912 min Scan# 15
Delta R.T. -0.000 min
Lab File: VY016605.D
Acq: 05 Dec 2023 19:02

Tgt Ion: 85 Resp: 81489
Ion Ratio Lower Upper
85 100
87 32.5 15.6 46.8





#3

Chloromethane

Concen: 40.656 ug/l

RT: 2.125 min Scan# 50

Delta R.T. 0.006 min

Lab File: VY016605.D

Acq: 05 Dec 2023 19:02

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 50 Resp: 7595

Ion Ratio Lower Upper

50 100

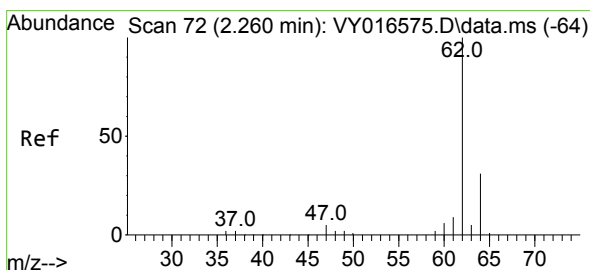
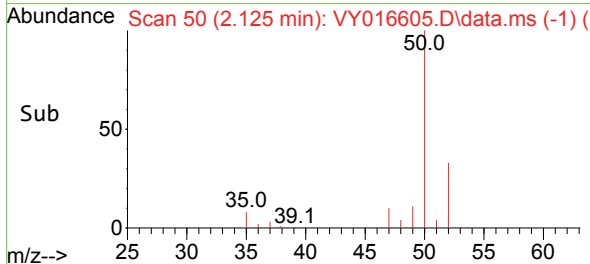
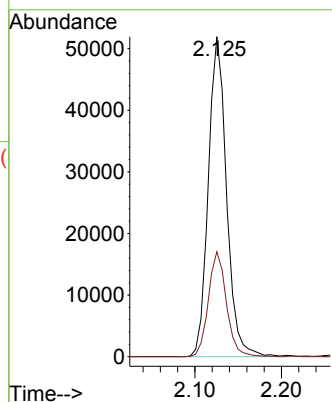
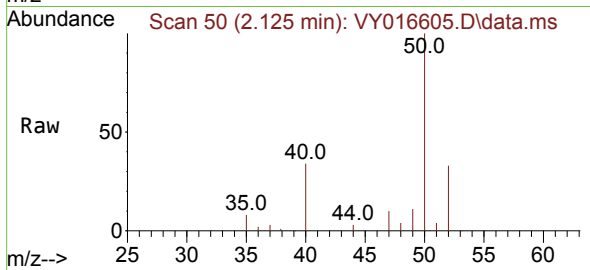
52 32.8 25.4 38.2

Manual Integrations

APPROVED

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Supervised By :Mahesh Dadoda 12/11/2023



#4

Vinyl Chloride

Concen: 40.796 ug/l

RT: 2.266 min Scan# 73

Delta R.T. 0.006 min

Lab File: VY016605.D

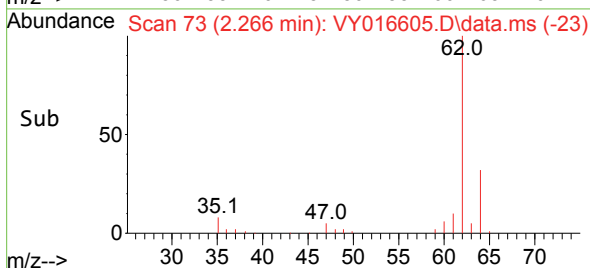
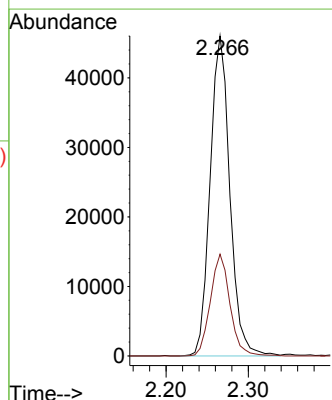
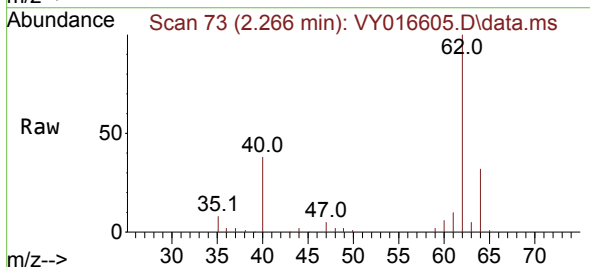
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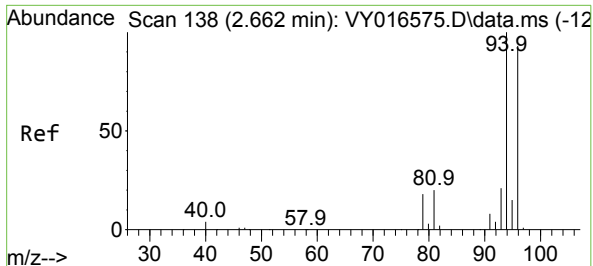
Tgt Ion: 62 Resp: 76968

Ion Ratio Lower Upper

62 100

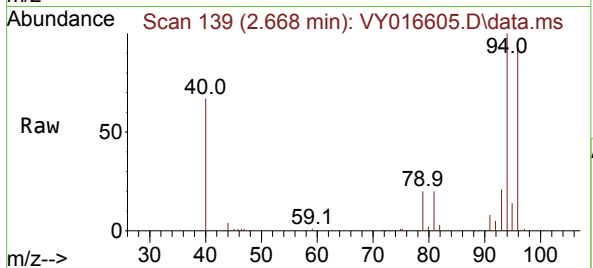
64 31.8 24.3 36.5





#5
Bromomethane
Concen: 44.167 ug/l
RT: 2.668 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY016605.D
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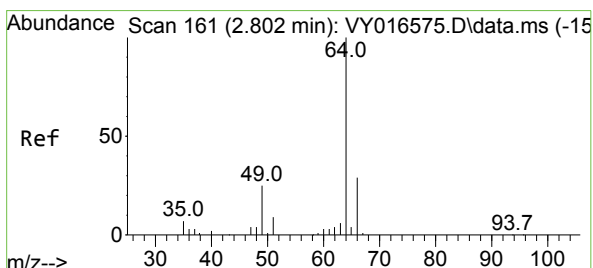
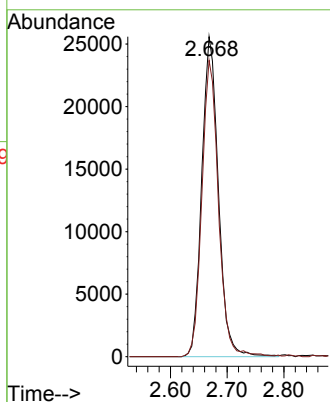
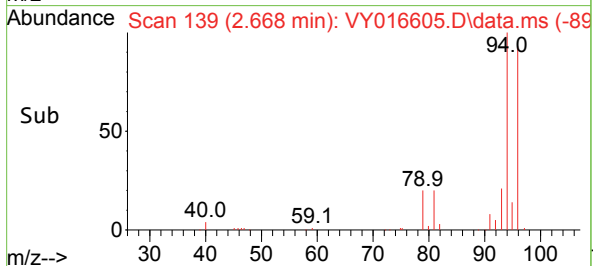
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Tgt Ion: 94 Resp: 5219
Ion Ratio Lower Upper
94 100
96 92.6 75.8 113.6

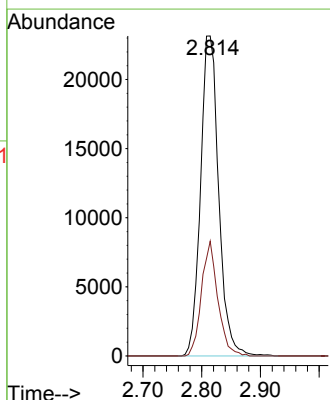
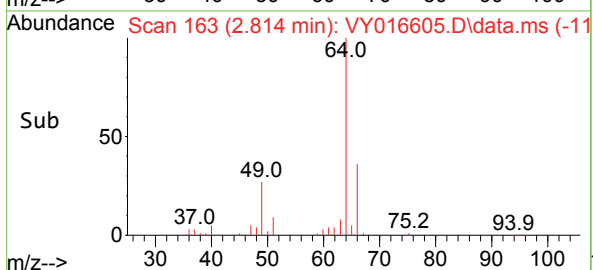
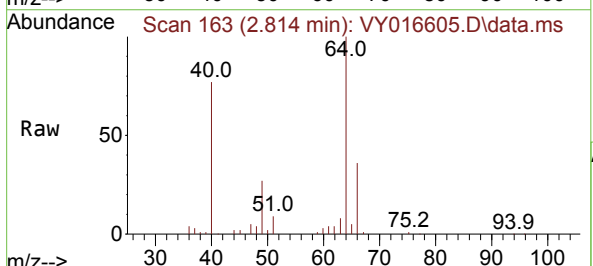
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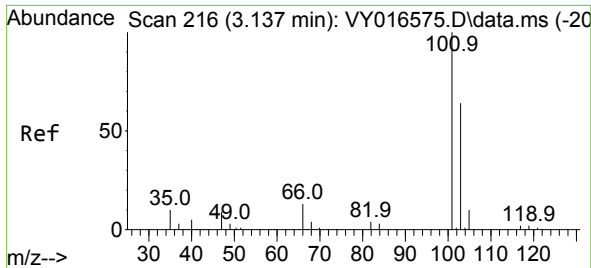
Reviewed By :Semsettin Yesilyurt 12/11/2023
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#6
Chloroethane
Concen: 42.619 ug/l
RT: 2.814 min Scan# 163
Delta R.T. 0.012 min
Lab File: VY016605.D
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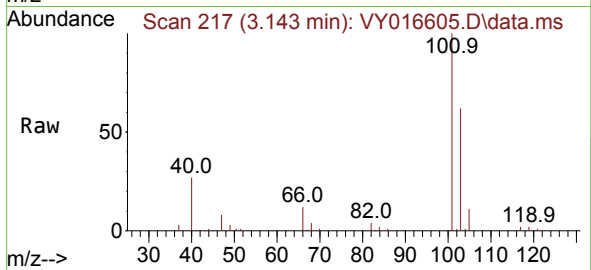
Tgt Ion: 64 Resp: 49667
Ion Ratio Lower Upper
64 100
66 35.8 24.4 36.6





#7
Trichlorofluoromethane
Concen: 48.752 ug/l
RT: 3.143 min Scan# 216
Delta R.T. 0.006 min
Lab File: VY016605.D
Acq: 05 Dec 2023 19:02

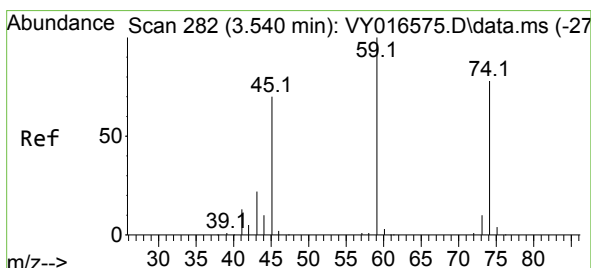
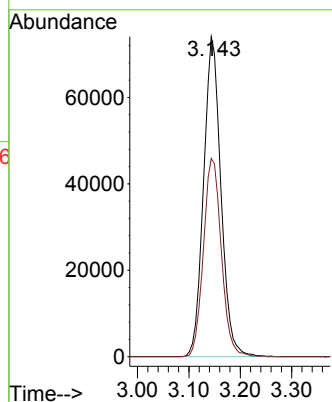
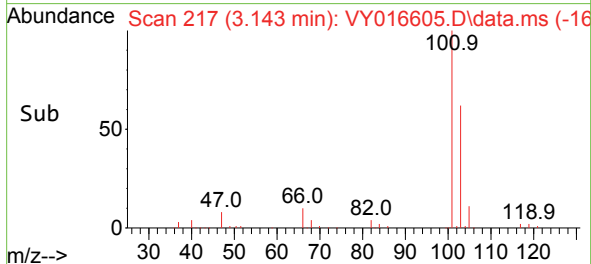
Instrument :
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ClientSampleId :
VSTDCCC050EC



Tgt Ion:101 Resp: 17388
Ion Ratio Lower Upper
101 100
103 61.9 51.4 77.0

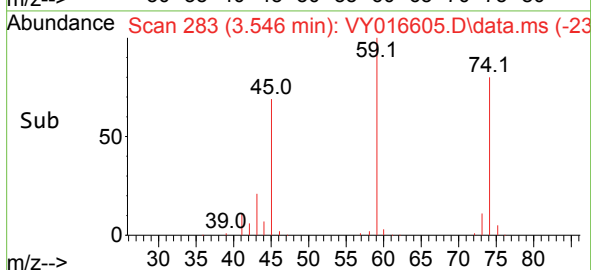
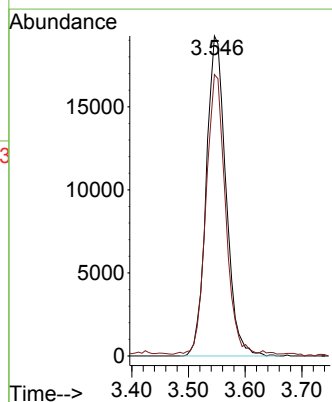
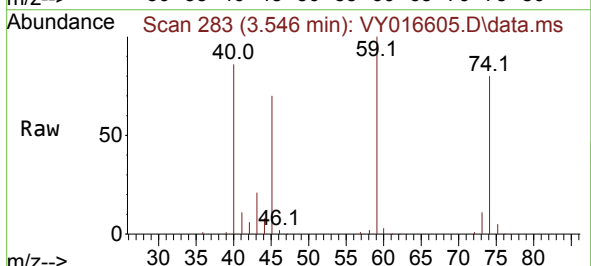
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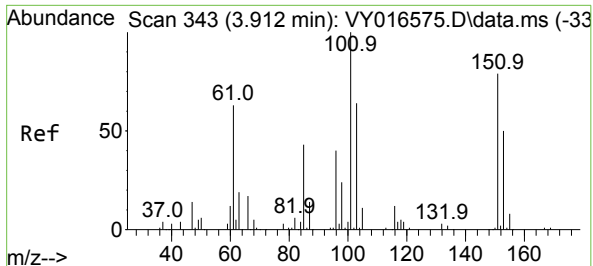
Reviewed By :Semsettin Yesilyurt 12/11/2023
Supervised By :Mahesh Dadoda 12/11/2023



#8
Diethyl Ether
Concen: 46.707 ug/l
RT: 3.546 min Scan# 283
Delta R.T. 0.006 min
Lab File: VY016605.D
Acq: 05 Dec 2023 19:02

Tgt Ion: 74 Resp: 46396
Ion Ratio Lower Upper
74 100
45 86.2 51.5 154.5





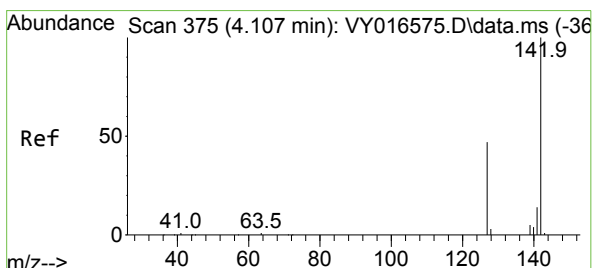
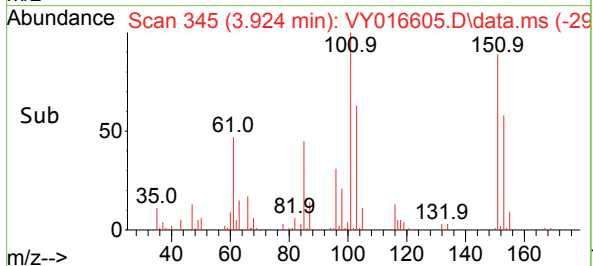
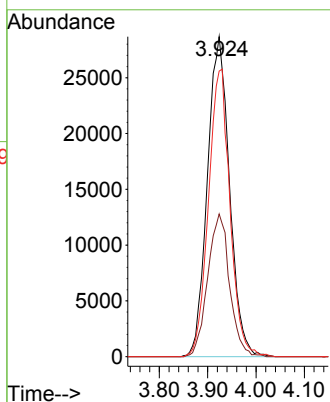
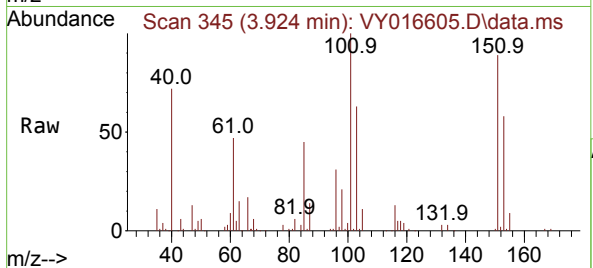
#9
1,1,2-Trichlorotrifluoroethane
Concen: 45.771 ug/l
RT: 3.924 min Scan# 343
Delta R.T. 0.012 min
Lab File: VY016605.D
Acq: 05 Dec 2023 19:02

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 9129
Ion Ratio Lower Upper
101 100
85 44.0 36.6 55.0
151 87.2 67.0 100.6

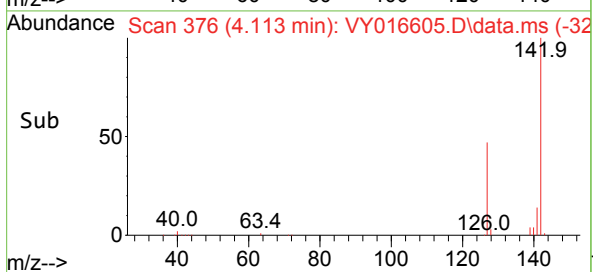
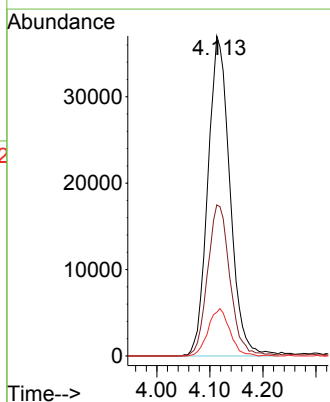
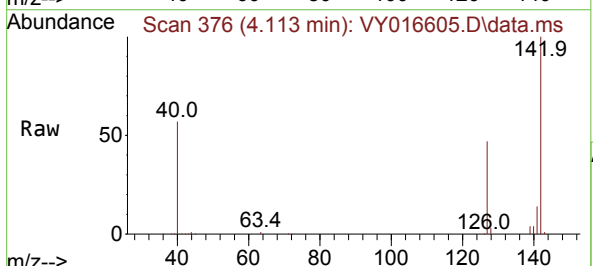
Manual Integrations
APPROVED

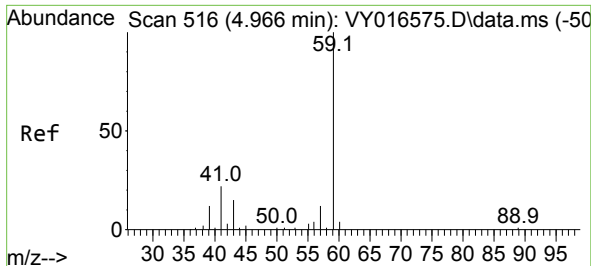
Reviewed By :Semsettin Yesilyurt 12/11/2023
Supervised By :Mahesh Dadoda 12/11/2023



#10
Methyl Iodide
Concen: 50.766 ug/l
RT: 4.113 min Scan# 376
Delta R.T. 0.006 min
Lab File: VY016605.D
Acq: 05 Dec 2023 19:02

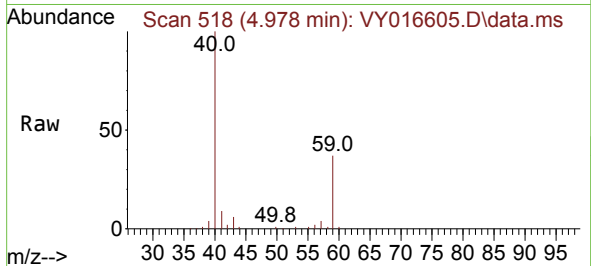
Tgt Ion:142 Resp: 106982
Ion Ratio Lower Upper
142 100
127 47.9 37.6 56.4
141 14.5 11.8 17.8





#11
Tert butyl alcohol
Concen: 220.377 ug/l
RT: 4.978 min Scan# 516
Delta R.T. 0.012 min
Lab File: VY016605.D
Acq: 05 Dec 2023 19:02

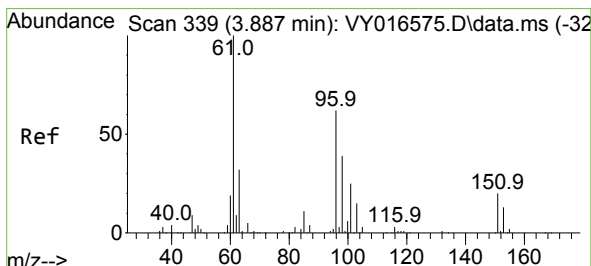
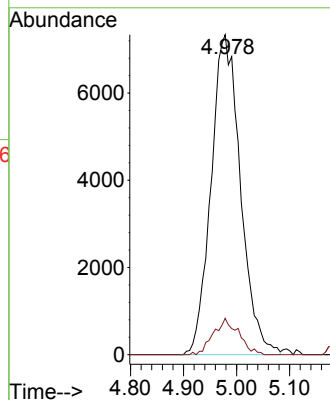
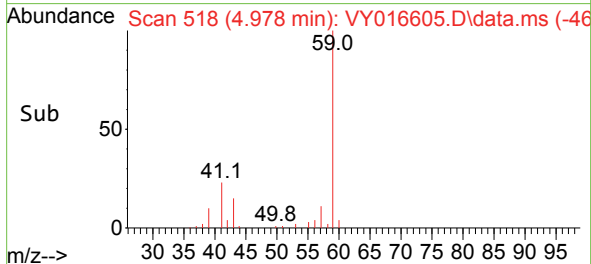
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 59 Resp: 28294
Ion Ratio Lower Upper
59 100
57 9.8 3.0 4.4

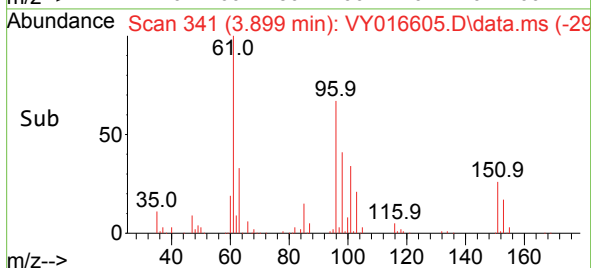
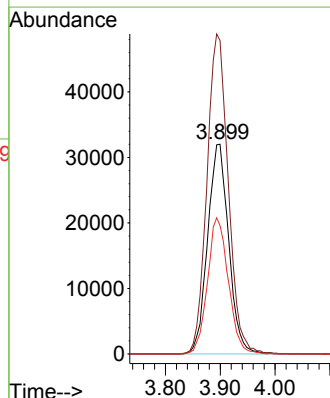
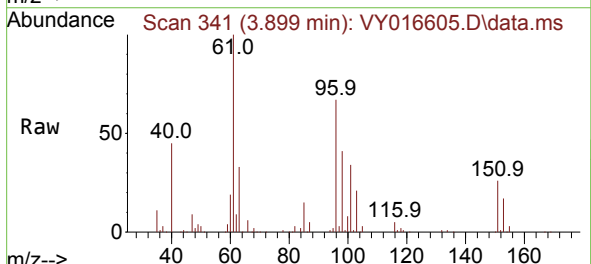
Manual Integrations
APPROVED

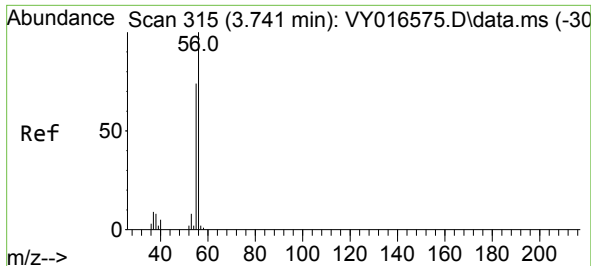
Reviewed By :Semsettin Yesilyurt 12/11/2023
Supervised By :Mahesh Dadoda 12/11/2023



#12
1,1-Dichloroethene
Concen: 47.101 ug/l
RT: 3.899 min Scan# 341
Delta R.T. 0.012 min
Lab File: VY016605.D
Acq: 05 Dec 2023 19:02

Tgt Ion: 96 Resp: 85340
Ion Ratio Lower Upper
96 100
61 149.4 136.4 204.6
98 61.2 49.4 74.2





#13

Acrolein

Concen: 191.605 ug/l

RT: 3.747 min Scan# 315

Delta R.T. 0.006 min

Lab File: VY016605.D

Acq: 05 Dec 2023 19:02

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 56 Resp: 35764

Ion Ratio Lower Upper

56 100

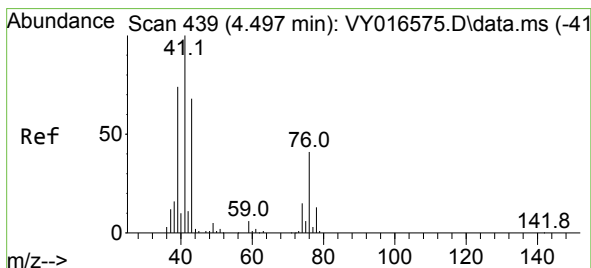
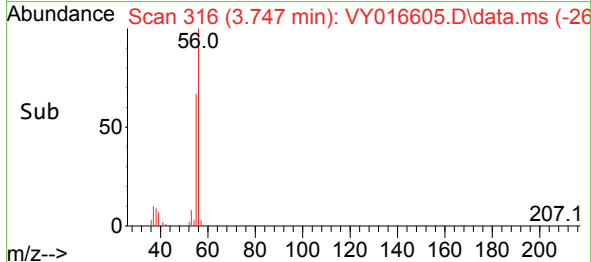
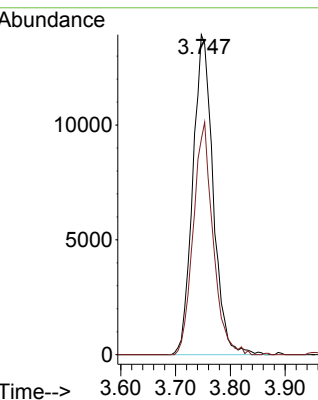
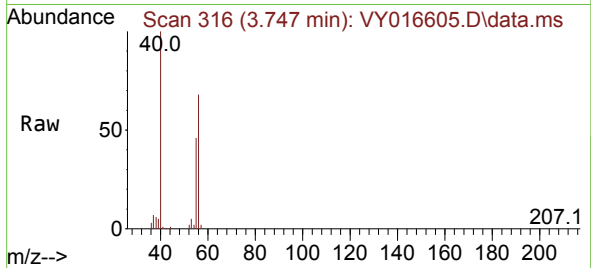
55 70.6 57.0 85.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/11/2023

Supervised By :Mahesh Dadoda 12/11/2023



#14

Allyl chloride

Concen: 43.556 ug/l

RT: 4.509 min Scan# 441

Delta R.T. 0.012 min

Lab File: VY016605.D

Acq: 05 Dec 2023 19:02

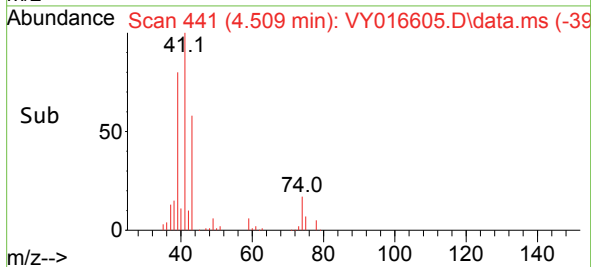
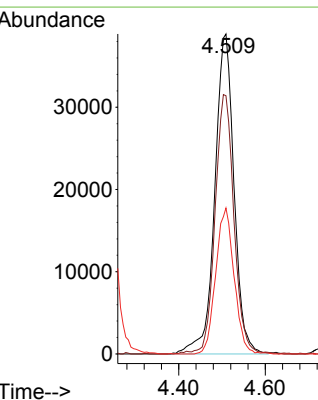
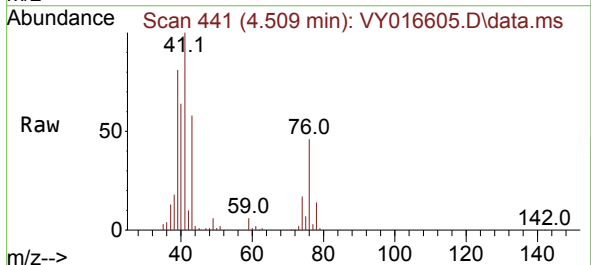
Tgt Ion: 41 Resp: 120434

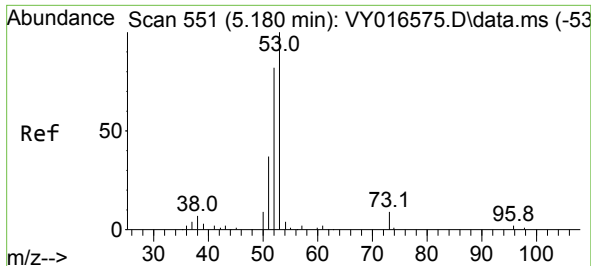
Ion Ratio Lower Upper

41 100

39 79.7 58.0 87.0

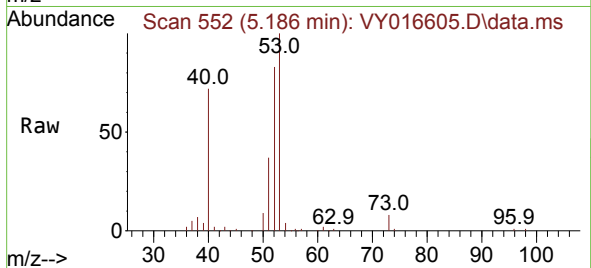
76 43.6 27.4 41.2#





#15
Acrylonitrile
Concen: 222.195 ug/l
RT: 5.186 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY016605.D
Acq: 05 Dec 2023 19:02

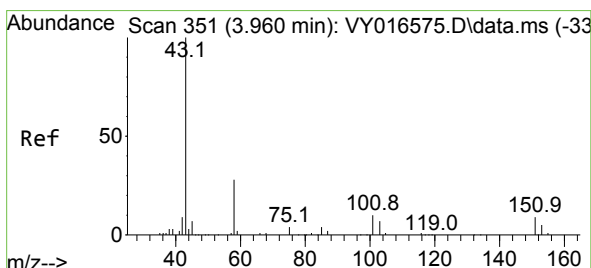
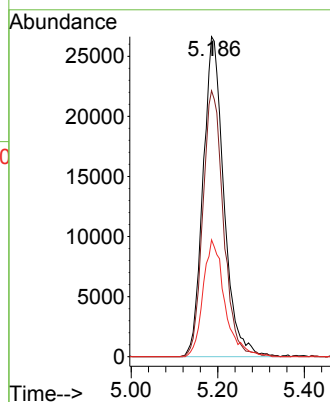
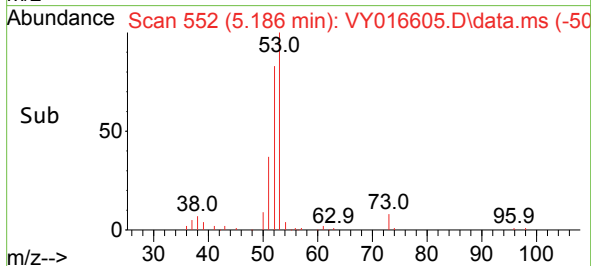
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



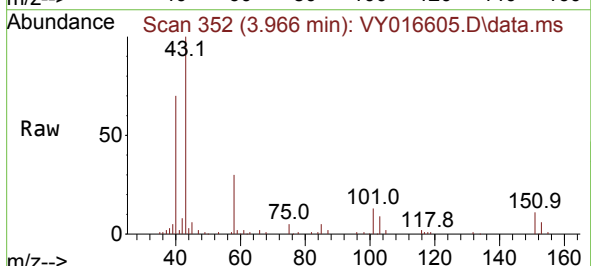
Tgt Ion: 53 Resp: 8908
Ion Ratio Lower Upper
53 100
52 81.9 66.9 100.3
51 37.8 29.8 44.6

Manual Integrations
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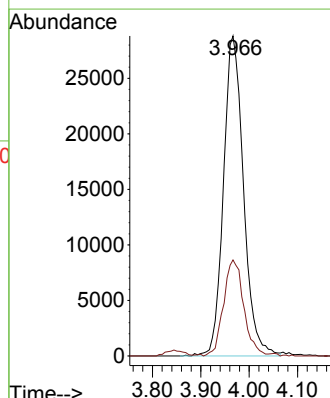
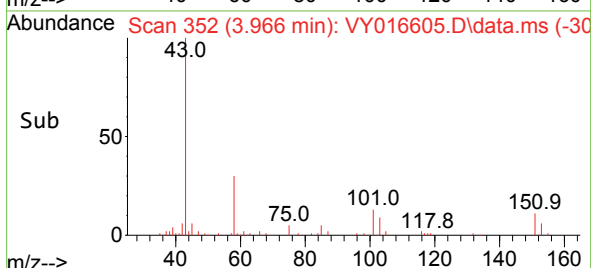
Reviewed By :Semsettin Yesilyurt 12/11/2023
Supervised By :Mahesh Dadoda 12/11/2023

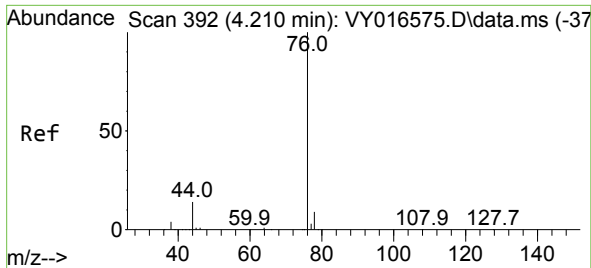


#16
Acetone
Concen: 194.631 ug/l
RT: 3.966 min Scan# 352
Delta R.T. 0.006 min
Lab File: VY016605.D
Acq: 05 Dec 2023 19:02



Tgt Ion: 43 Resp: 82993
Ion Ratio Lower Upper
43 100
58 30.0 22.7 34.1





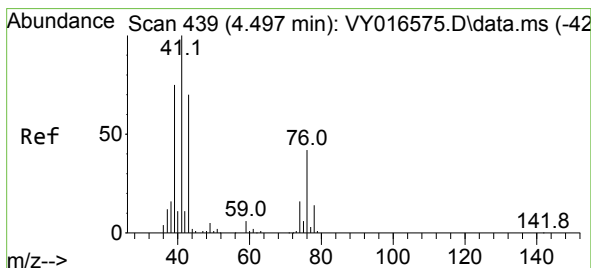
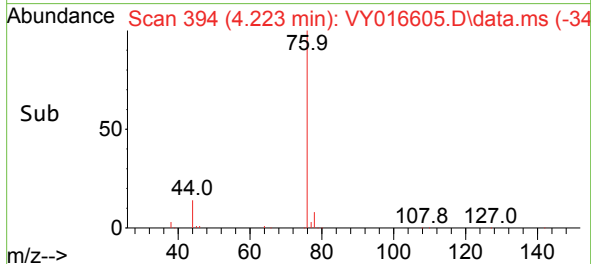
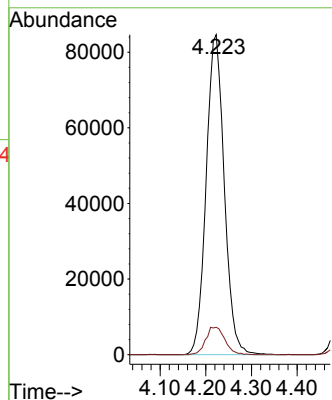
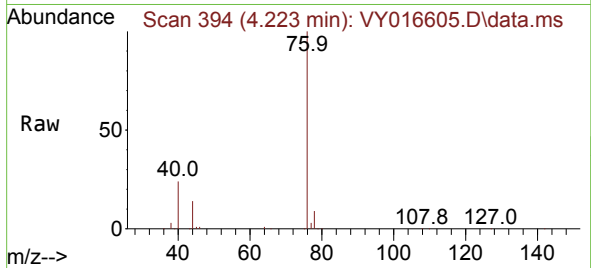
#17
Carbon Disulfide
Concen: 45.776 ug/l
RT: 4.223 min Scan# 392
Delta R.T. 0.012 min
Lab File: VY016605.D
Acq: 05 Dec 2023 19:02

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 76 Resp: 232534
Ion Ratio Lower Upper
76 100
78 8.5 7.0 10.4

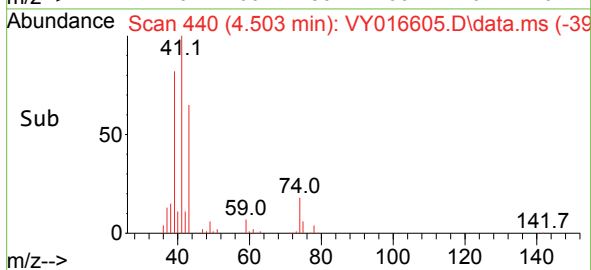
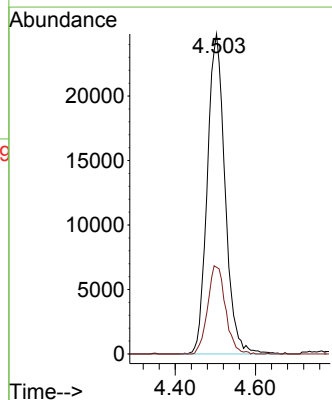
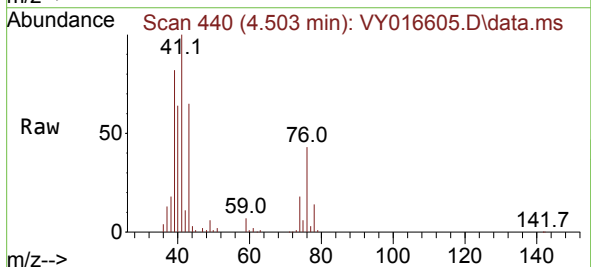
Manual Integrations
APPROVED

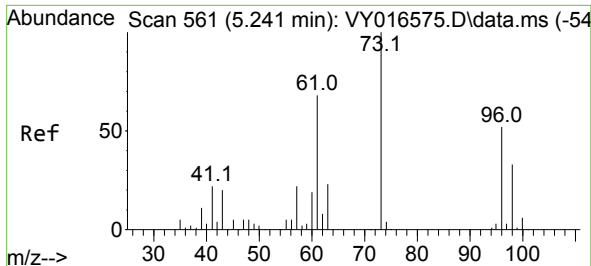
Reviewed By :Semsettin Yesilyurt 12/11/2023
Supervised By :Mahesh Dadoda 12/11/2023



#18
Methyl Acetate
Concen: 45.032 ug/l
RT: 4.503 min Scan# 440
Delta R.T. 0.006 min
Lab File: VY016605.D
Acq: 05 Dec 2023 19:02

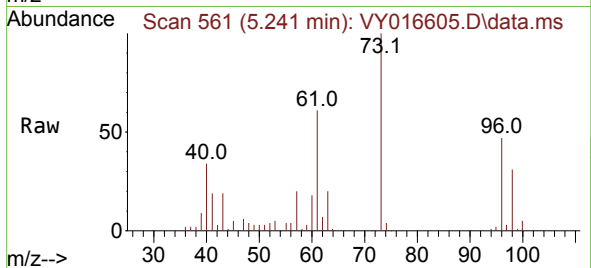
Tgt Ion: 43 Resp: 76115
Ion Ratio Lower Upper
43 100
74 27.7 17.4 26.0#





#19
Methyl tert-butyl Ether
Concen: 50.273 ug/l
RT: 5.241 min Scan# 50
Delta R.T. -0.000 min
Lab File: VY016605.D
Acq: 05 Dec 2023 19:02

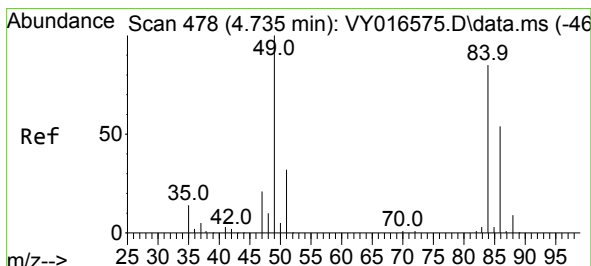
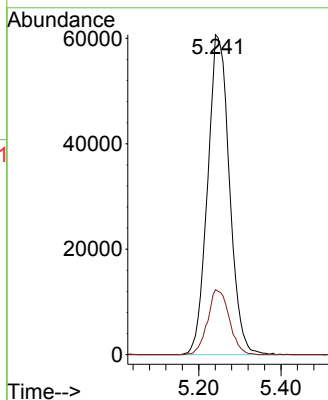
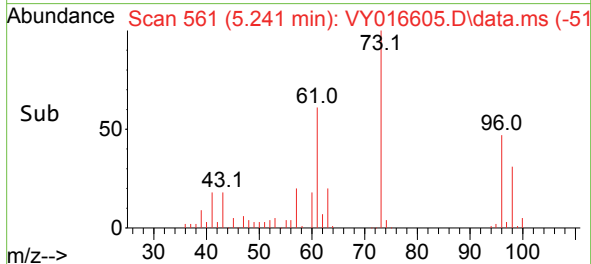
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 73 Resp: 223910
Ion Ratio Lower Upper
73 100
57 20.3 17.3 25.9

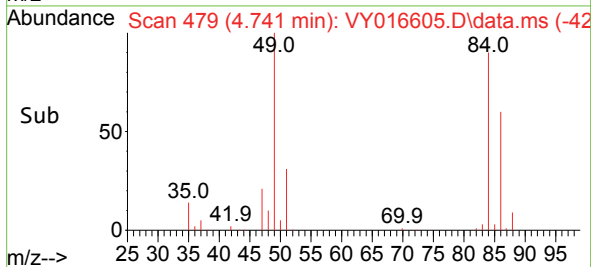
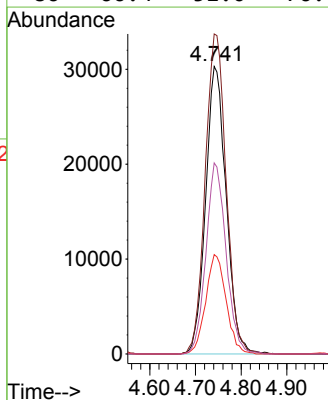
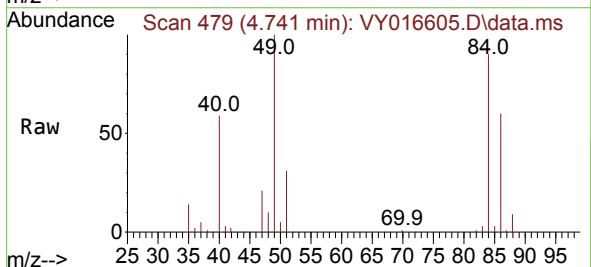
Manual Integrations
APPROVED

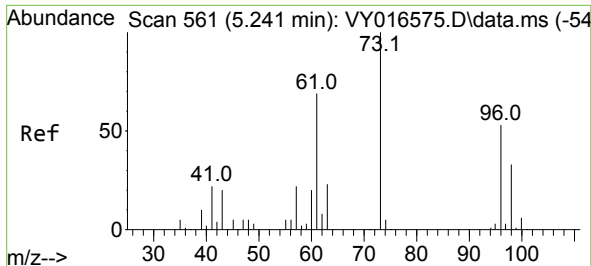
Reviewed By :Semsettin Yesilyurt 12/11/2023
Supervised By :Mahesh Dadoda 12/11/2023



#20
Methylene Chloride
Concen: 50.508 ug/l
RT: 4.741 min Scan# 479
Delta R.T. 0.006 min
Lab File: VY016605.D
Acq: 05 Dec 2023 19:02

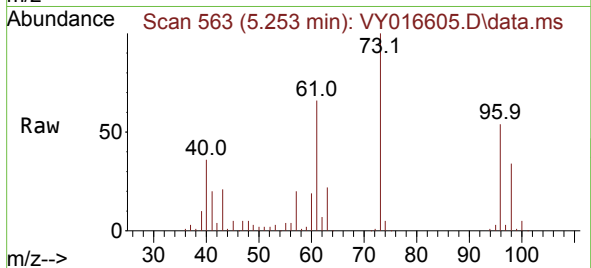
Tgt Ion: 84 Resp: 94883
Ion Ratio Lower Upper
84 100
49 111.3 106.9 160.3
51 34.5 33.2 49.8
86 66.4 51.0 76.6





#21
trans-1,2-Dichloroethene
Concen: 47.487 ug/l
RT: 5.253 min Scan# 509
Delta R.T. 0.012 min
Lab File: VY016605.D
Acq: 05 Dec 2023 19:02

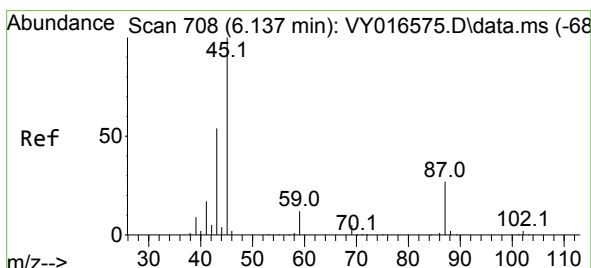
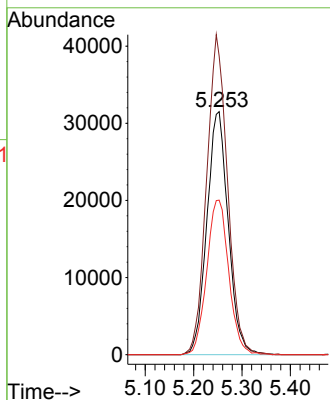
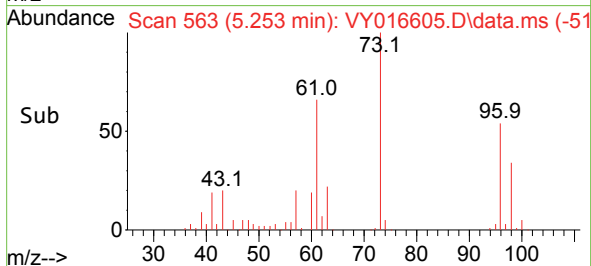
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 96 Resp: 96754
Ion Ratio Lower Upper
96 100
61 122.8 110.2 165.4
98 63.6 51.8 77.6

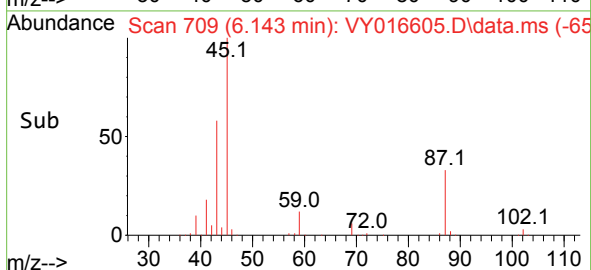
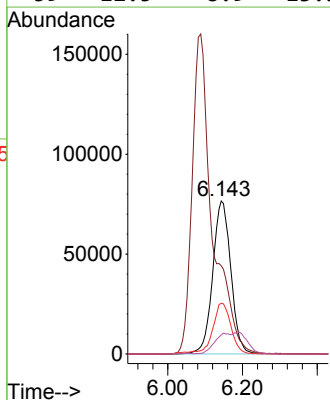
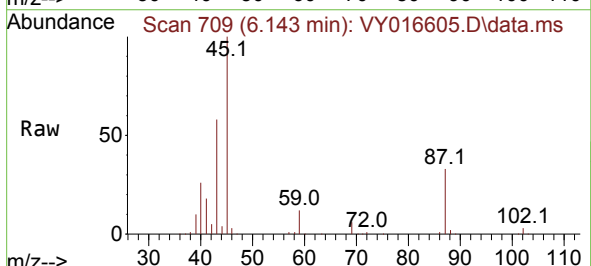
Manual Integrations
APPROVED

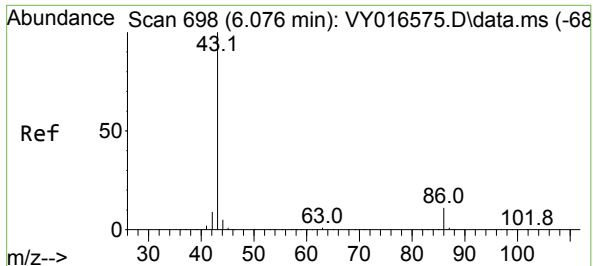
Reviewed By :Semsettin Yesilyurt 12/11/2023
Supervised By :Mahesh Dadoda 12/11/2023



#22
Diisopropyl ether
Concen: 45.354 ug/l
RT: 6.143 min Scan# 709
Delta R.T. 0.006 min
Lab File: VY016605.D
Acq: 05 Dec 2023 19:02

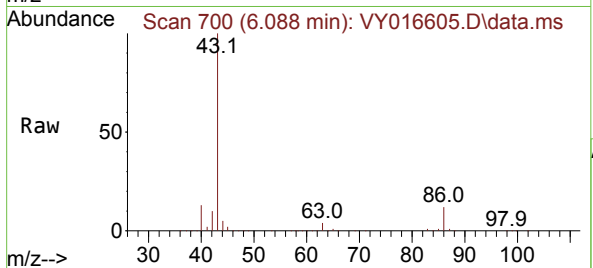
Tgt Ion: 45 Resp: 257914
Ion Ratio Lower Upper
45 100
43 57.3 52.2 78.4
87 33.1 21.0 31.6#
59 12.5 8.9 13.3





#23
 Vinyl Acetate
 Concen: 220.422 ug/l
 RT: 6.088 min Scan# 700
 Delta R.T. 0.012 min
 Lab File: VY016605.D
 Acq: 05 Dec 2023 19:02

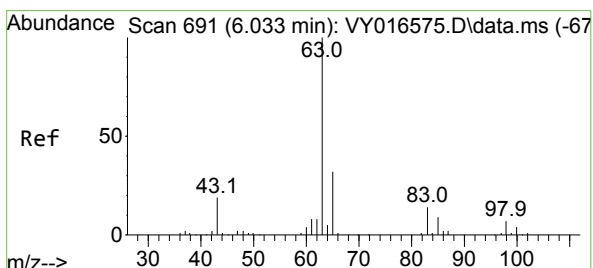
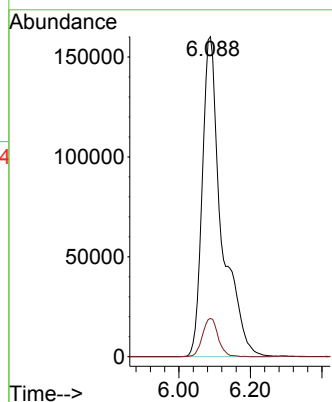
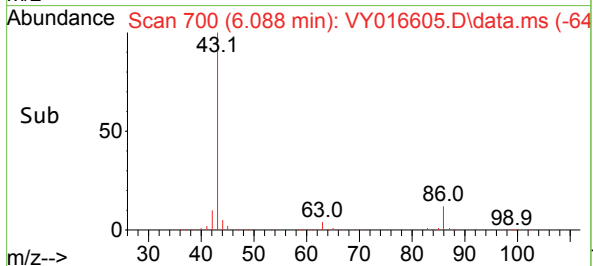
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC



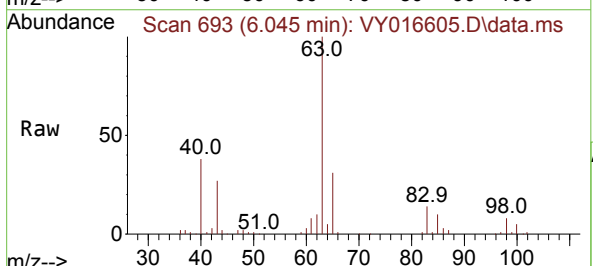
Tgt Ion: 43 Resp: 60174
 Ion Ratio Lower Upper
 43 100
 86 11.9 7.5 11.3

Manual Integrations
 APPROVED

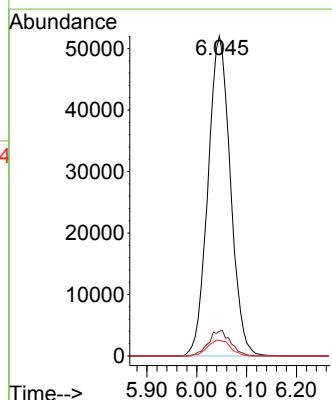
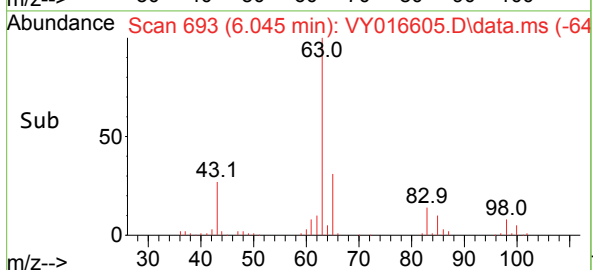
Reviewed By :Semsettin Yesilyurt 12/11/2023
 Supervised By :Mahesh Dadoda 12/11/2023

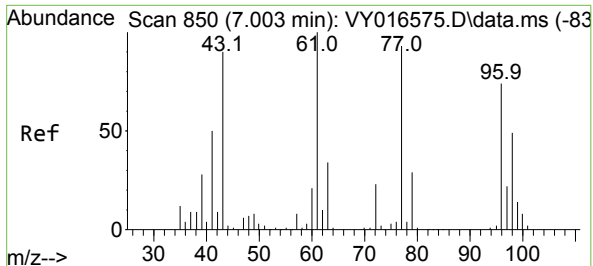


#24
 1,1-Dichloroethane
 Concen: 46.546 ug/l
 RT: 6.045 min Scan# 693
 Delta R.T. 0.012 min
 Lab File: VY016605.D
 Acq: 05 Dec 2023 19:02



Tgt Ion: 63 Resp: 162618
 Ion Ratio Lower Upper
 63 100
 98 7.7 3.1 9.4
 100 4.8 1.8 5.5





#25

2-Butanone

Concen: 191.850 ug/l

RT: 7.009 min Scan# 851

Delta R.T. 0.006 min

Lab File: VY016605.D

Acq: 05 Dec 2023 19:02

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 11249

Ion Ratio Lower Upper

43 100

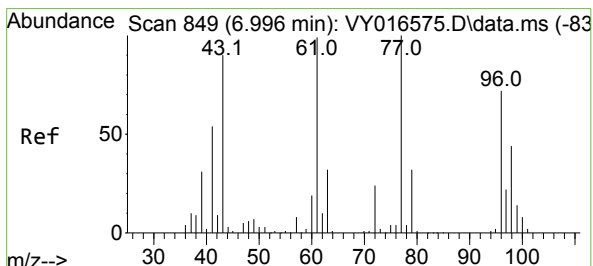
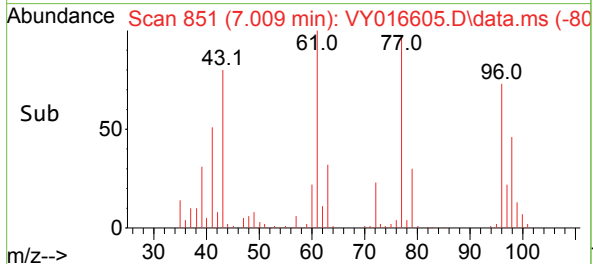
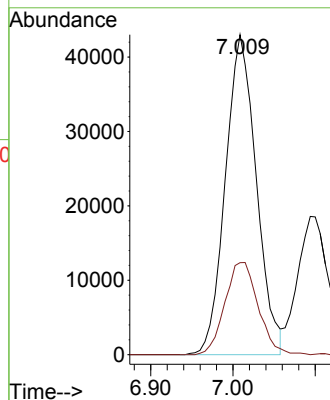
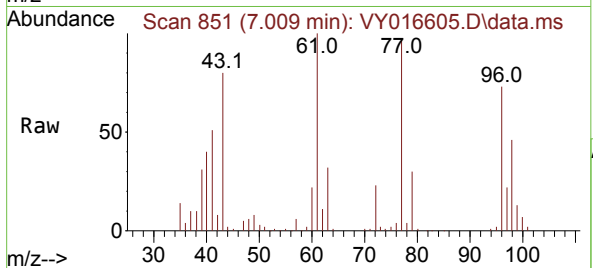
72 28.8 20.5 30.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/11/2023

Supervised By :Mahesh Dadoda 12/11/2023



#26

2,2-Dichloropropane

Concen: 49.265 ug/l

RT: 7.009 min Scan# 851

Delta R.T. 0.012 min

Lab File: VY016605.D

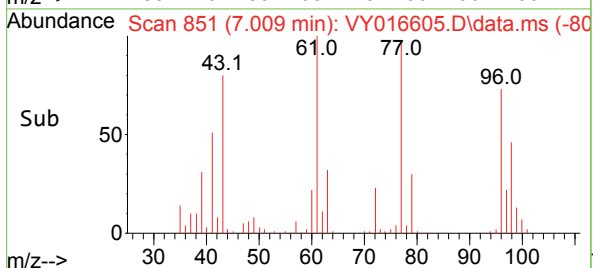
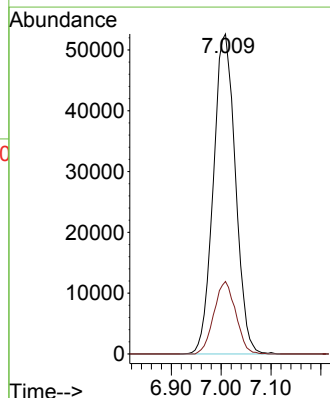
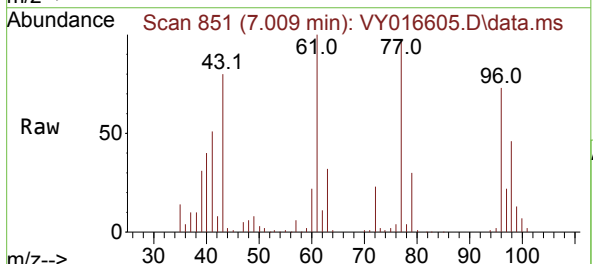
Acq: 05 Dec 2023 19:02

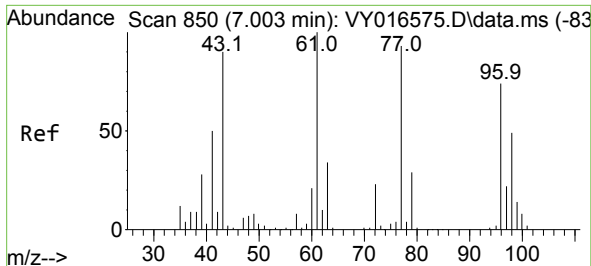
Tgt Ion: 77 Resp: 161808

Ion Ratio Lower Upper

77 100

97 22.4 10.9 32.9





#27

cis-1,2-Dichloroethene

Concen: 49.328 ug/l

RT: 7.015 min Scan# 81

Delta R.T. 0.012 min

Lab File: VY016605.D

Acq: 05 Dec 2023 19:02

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 96 Resp: 110630

Ion Ratio Lower Upper

96 100

61 135.0 0.0 301.4

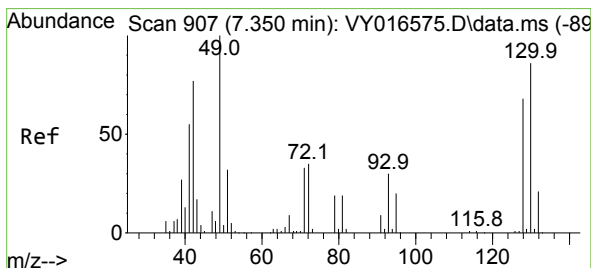
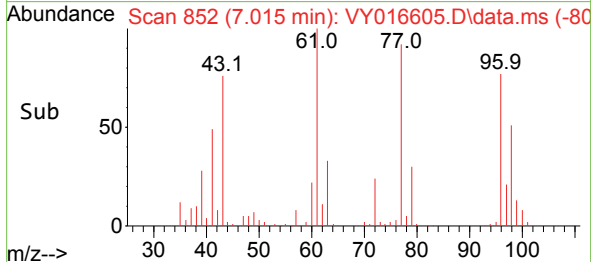
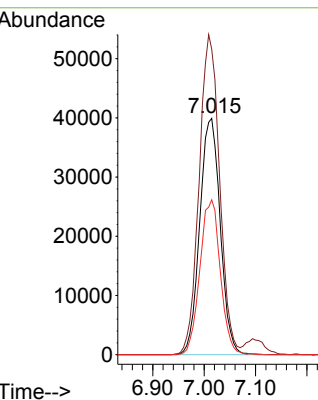
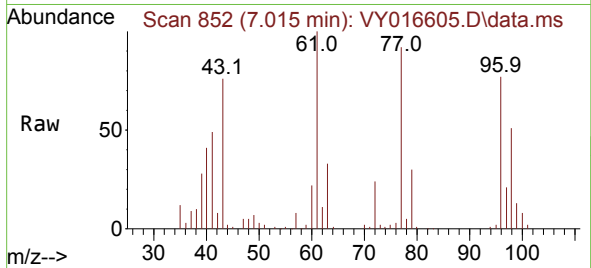
98 65.2 0.0 130.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/11/2023

Supervised By :Mahesh Dadoda 12/11/2023



#28

Bromochloromethane

Concen: 46.403 ug/l

RT: 7.356 min Scan# 908

Delta R.T. 0.006 min

Lab File: VY016605.D

Acq: 05 Dec 2023 19:02

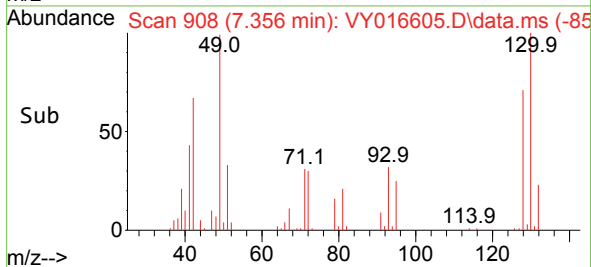
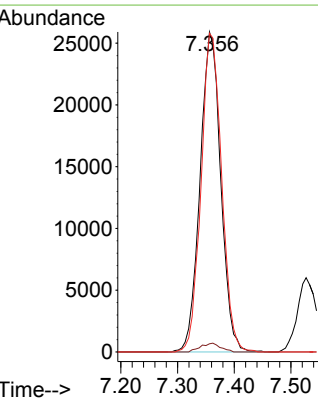
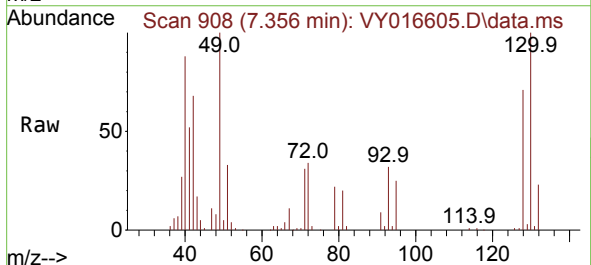
Tgt Ion: 49 Resp: 65666

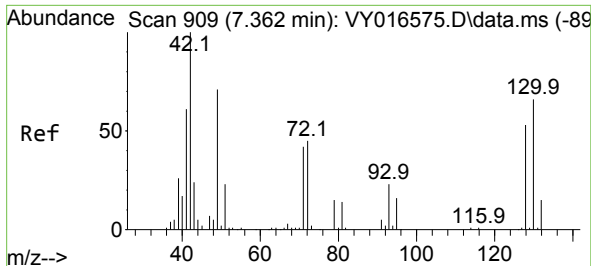
Ion Ratio Lower Upper

49 100

129 2.6 0.0 4.6

130 98.8 60.7 91.1#





#29

Tetrahydrofuran

Concen: 213.549 ug/l

RT: 7.374 min Scan# 911

Delta R.T. 0.012 min

Lab File: VY016605.D

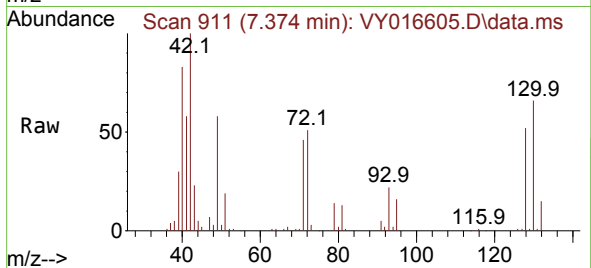
Acq: 05 Dec 2023 19:02

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC



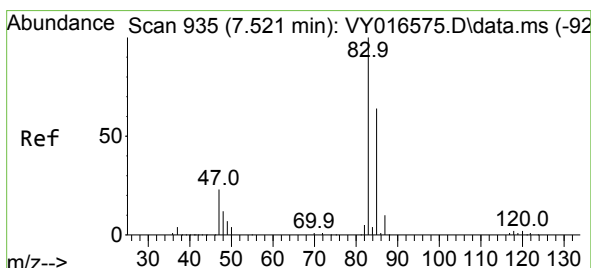
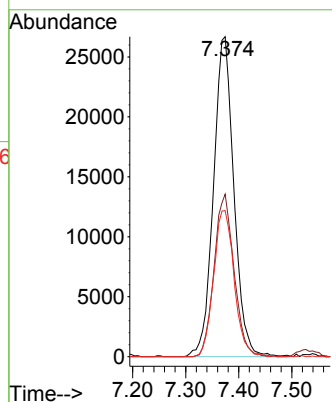
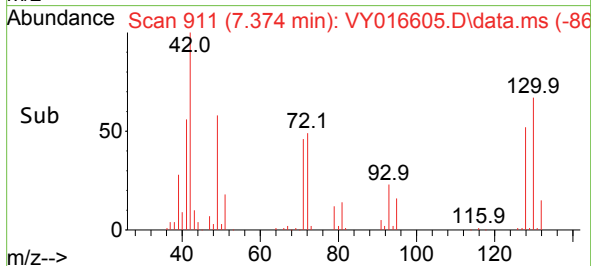
Tgt Ion: 42 Resp: 71389

Ion	Ratio	Lower	Upper
42	100		
72	49.7	32.8	49.2
71	46.0	31.0	46.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/11/2023
Supervised By :Mahesh Dadoda 12/11/2023



#30

Chloroform

Concen: 49.299 ug/l

RT: 7.527 min Scan# 936

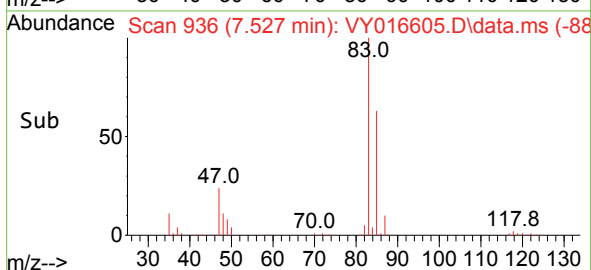
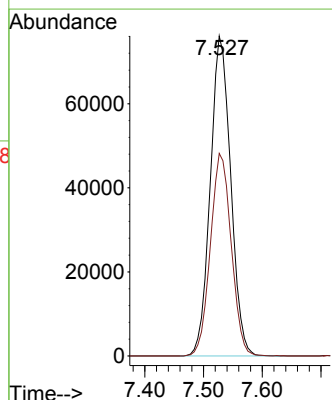
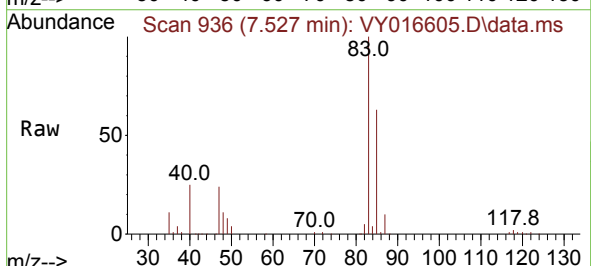
Delta R.T. 0.006 min

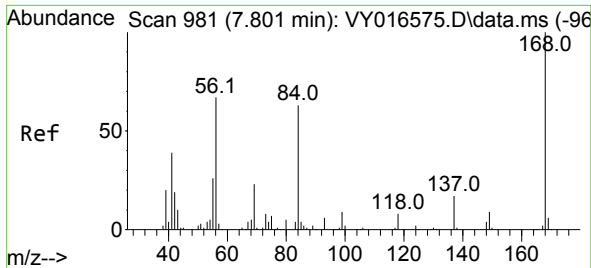
Lab File: VY016605.D

Acq: 05 Dec 2023 19:02

Tgt Ion: 83 Resp: 183595

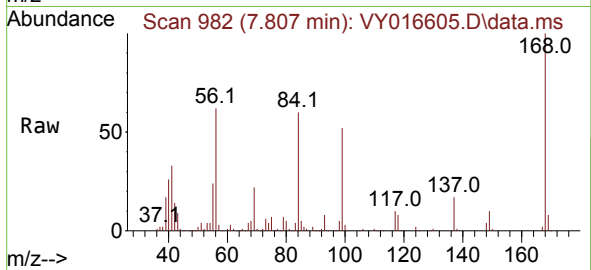
Ion	Ratio	Lower	Upper
83	100		
85	63.3	49.7	74.5





#31
Cyclohexane
Concen: 40.986 ug/l
RT: 7.807 min Scan# 918
Delta R.T. 0.006 min
Lab File: VY016605.D
Acq: 05 Dec 2023 19:02

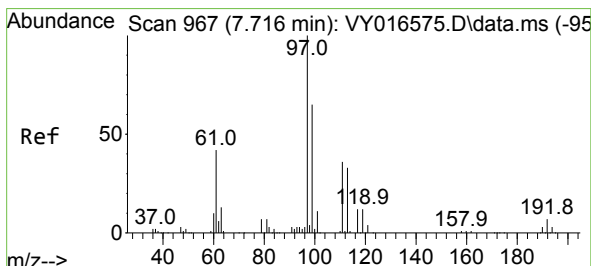
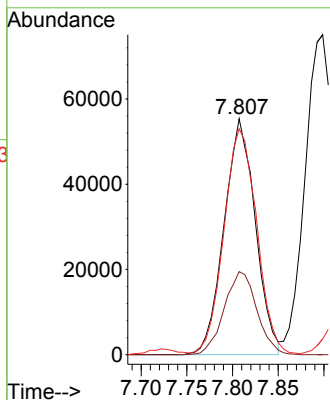
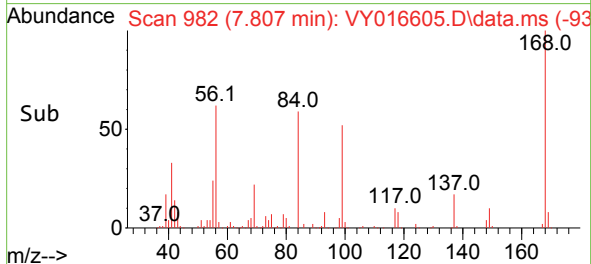
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 131848
Ion Ratio Lower Upper
56 100
69 35.2 27.8 41.6
84 94.7 66.4 99.6

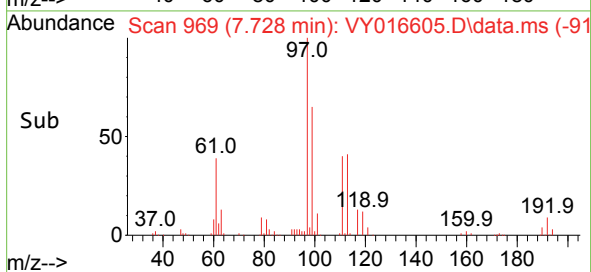
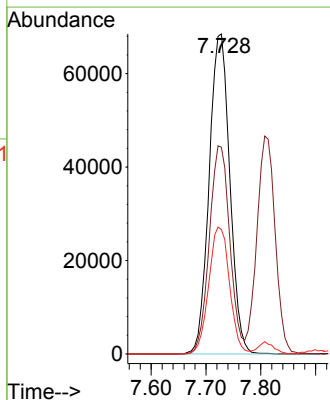
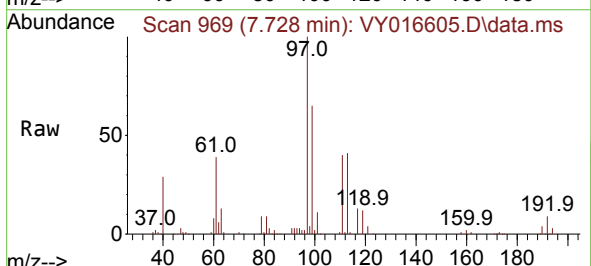
Manual Integrations
APPROVED

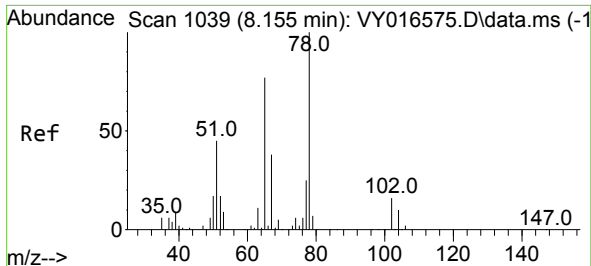
Reviewed By :Semsettin Yesilyurt 12/11/2023
Supervised By :Mahesh Dadoda 12/11/2023



#32
1,1,1-Trichloroethane
Concen: 50.785 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.012 min
Lab File: VY016605.D
Acq: 05 Dec 2023 19:02

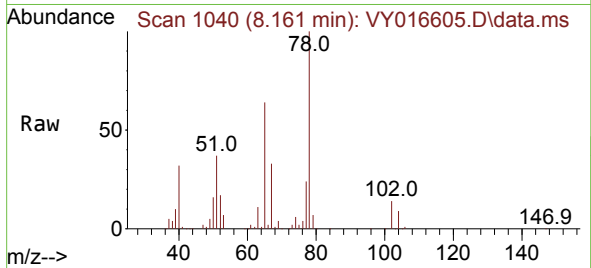
Tgt Ion: 97 Resp: 178989
Ion Ratio Lower Upper
97 100
99 64.7 50.8 76.2
61 39.9 35.1 52.7





#33
1,2-Dichloroethane-d4
Concen: 46.514 ug/l
RT: 8.161 min Scan# 1039
Delta R.T. 0.006 min
Lab File: VY016605.D
Acq: 05 Dec 2023 19:02

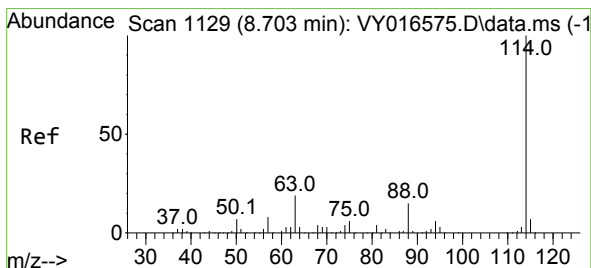
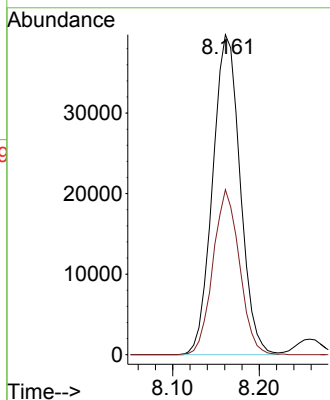
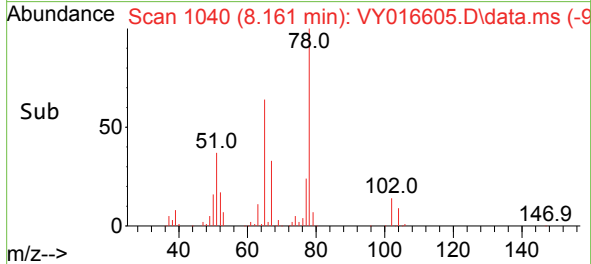
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 65 Resp: 87649
Ion Ratio Lower Upper
65 100
67 49.7 0.0 101.8

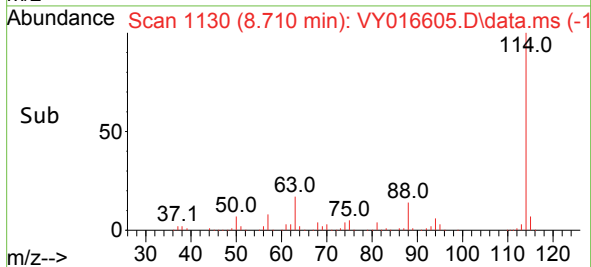
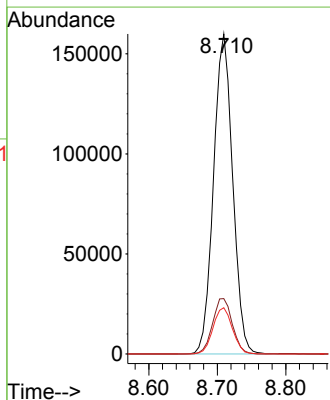
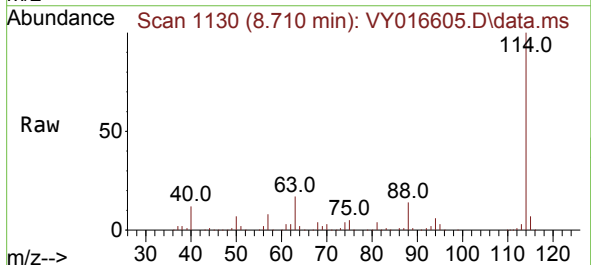
Manual Integrations
APPROVED

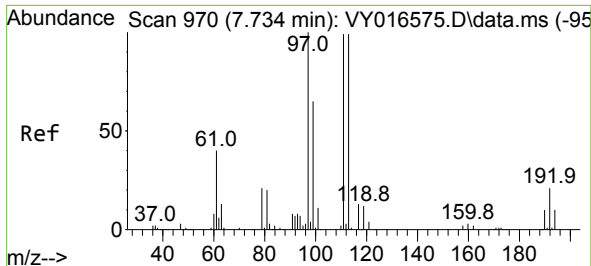
Reviewed By :Semsettin Yesilyurt 12/11/2023
Supervised By :Mahesh Dadoda 12/11/2023



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.710 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VY016605.D
Acq: 05 Dec 2023 19:02

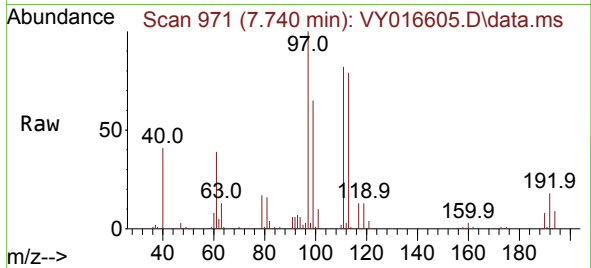
Tgt Ion:114 Resp: 309778
Ion Ratio Lower Upper
114 100
63 17.3 0.0 42.4
88 14.5 0.0 30.6





#35
Dibromofluoromethane
Concen: 45.586 ug/l
RT: 7.740 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY016605.D
Acq: 05 Dec 2023 19:02

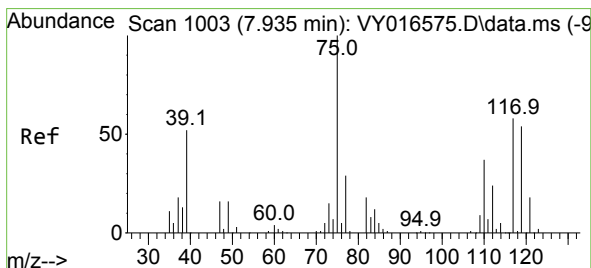
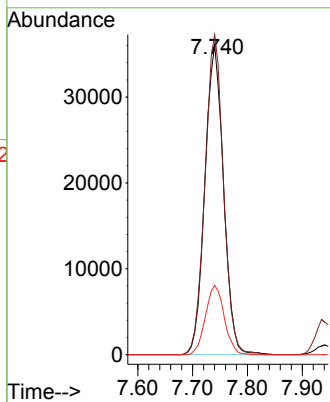
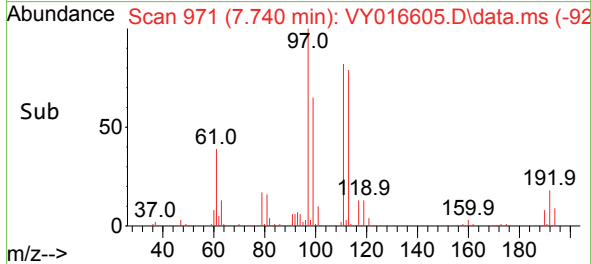
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



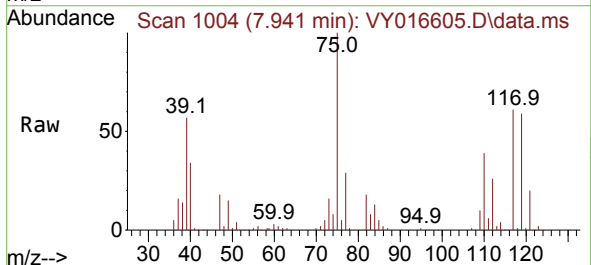
Tgt Ion:113 Resp: 84984
Ion Ratio Lower Upper
113 100
111 102.6 81.3 121.9
192 22.6 16.9 25.3

Manual Integrations
APPROVED

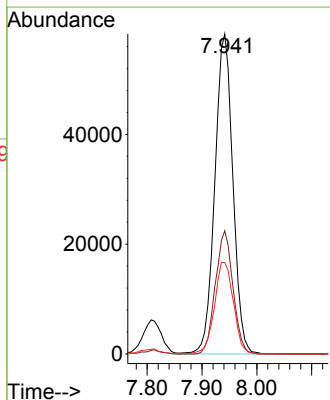
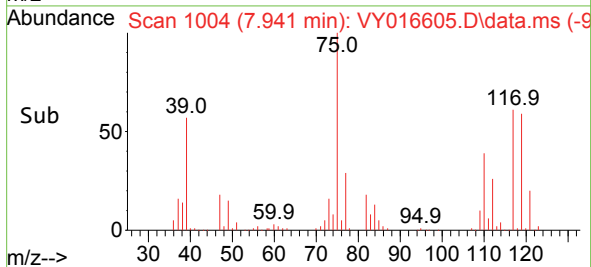
Reviewed By :Semsettin Yesilyurt 12/11/2023
Supervised By :Mahesh Dadoda 12/11/2023

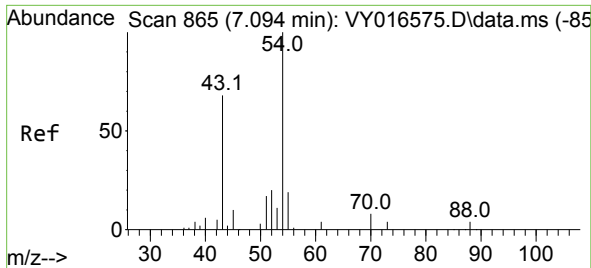


#36
1,1-Dichloropropene
Concen: 47.000 ug/l
RT: 7.941 min Scan# 1004
Delta R.T. 0.006 min
Lab File: VY016605.D
Acq: 05 Dec 2023 19:02



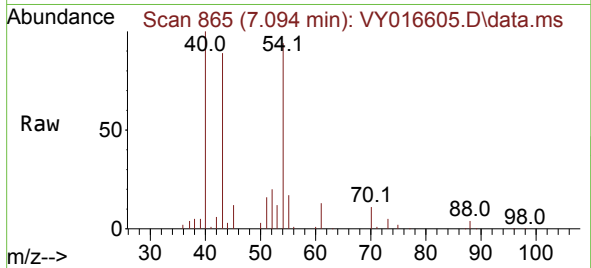
Tgt Ion: 75 Resp: 133192
Ion Ratio Lower Upper
75 100
110 37.6 17.8 53.5
77 30.2 24.4 36.6





#37
Ethyl Acetate
Concen: 43.025 ug/l
RT: 7.094 min Scan# 80
Delta R.T. -0.000 min
Lab File: VY016605.D
Acq: 05 Dec 2023 19:02

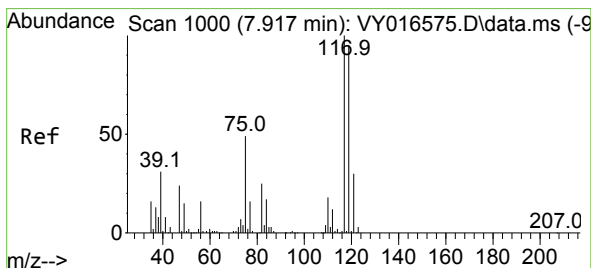
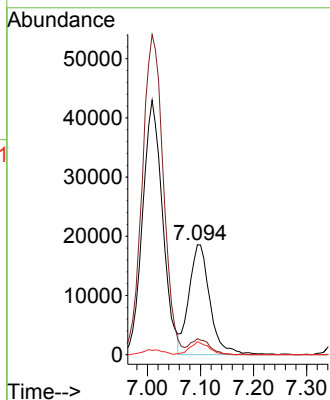
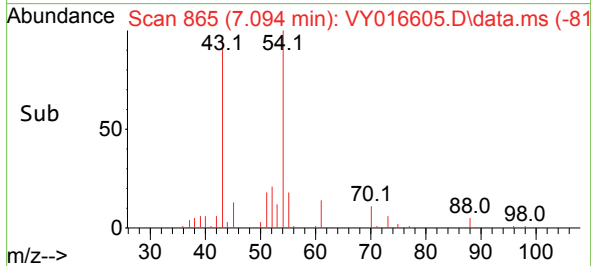
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 51019
Ion Ratio Lower Upper
43 100
61 13.6 10.1 15.1
70 10.6 7.1 10.7

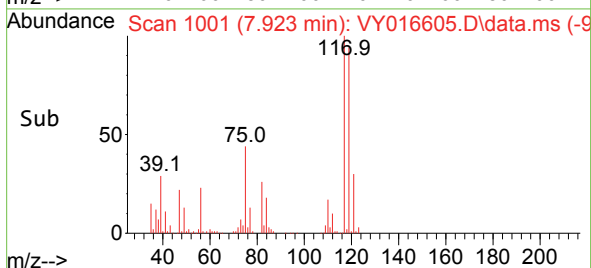
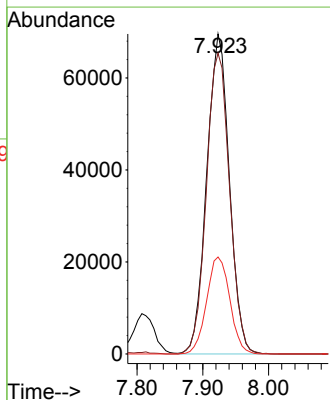
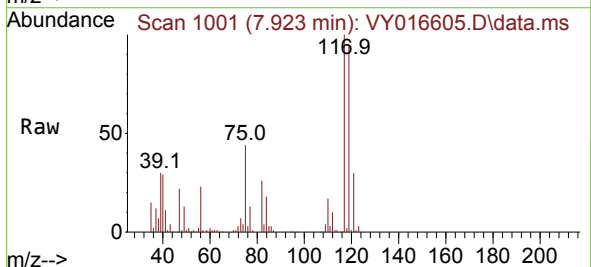
Manual Integrations
APPROVED

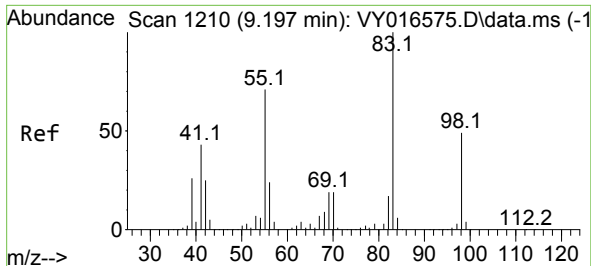
Reviewed By :Semsettin Yesilyurt 12/11/2023
Supervised By :Mahesh Dadoda 12/11/2023



#38
Carbon Tetrachloride
Concen: 50.831 ug/l
RT: 7.923 min Scan# 1001
Delta R.T. 0.006 min
Lab File: VY016605.D
Acq: 05 Dec 2023 19:02

Tgt Ion:117 Resp: 166761
Ion Ratio Lower Upper
117 100
119 94.0 76.4 114.6
121 30.3 25.8 38.6





#39

Methylcyclohexane

Concen: 46.983 ug/l

RT: 9.203 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY016605.D

Acq: 05 Dec 2023 19:02

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 160410

Ion Ratio Lower Upper

83 100

55 68.2 63.0 94.4

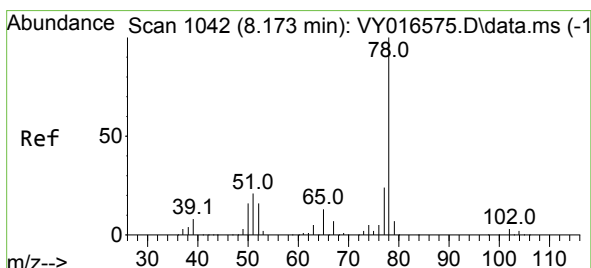
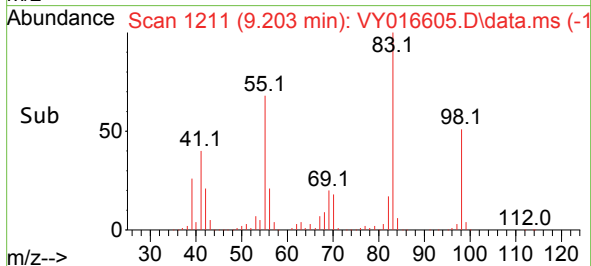
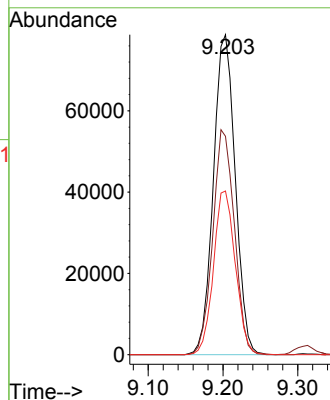
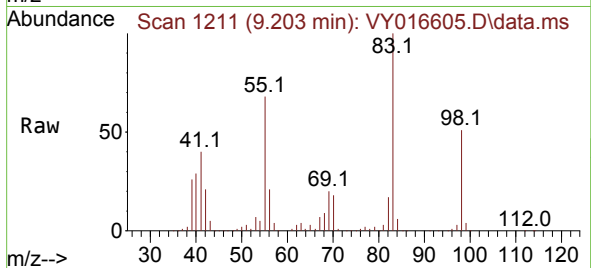
98 51.1 37.4 56.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/11/2023

Supervised By :Mahesh Dadoda 12/11/2023



#40

Benzene

Concen: 47.544 ug/l

RT: 8.179 min Scan# 1043

Delta R.T. 0.006 min

Lab File: VY016605.D

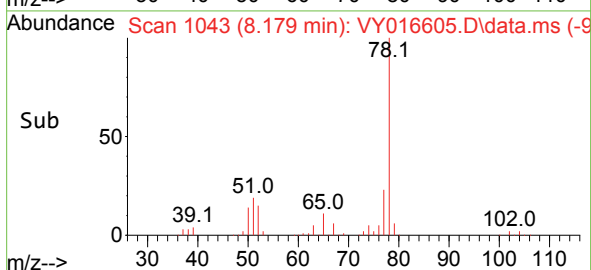
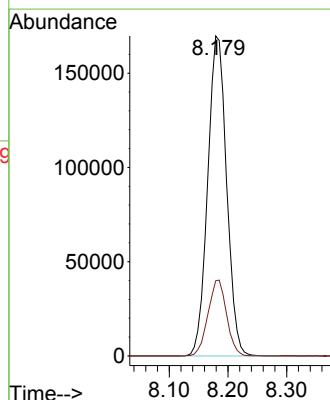
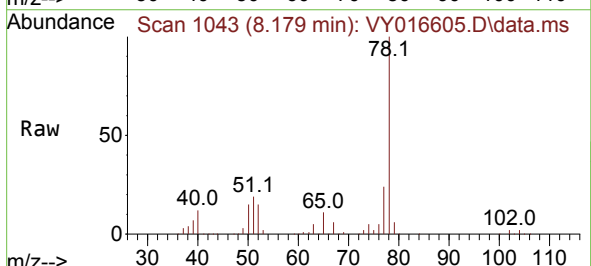
Acq: 05 Dec 2023 19:02

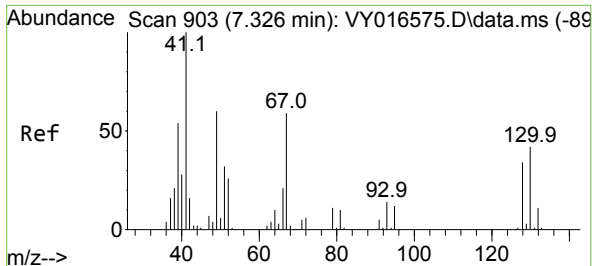
Tgt Ion: 78 Resp: 379762

Ion Ratio Lower Upper

78 100

77 23.5 19.0 28.6





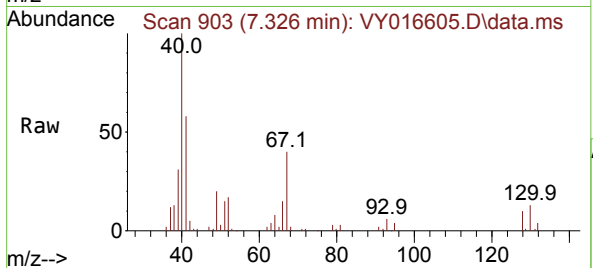
#41
Methacrylonitrile
Concen: 41.644 ug/l
RT: 7.326 min Scan# 903
Delta R.T. -0.000 min
Lab File: VY016605.D
Acq: 05 Dec 2023 19:02

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

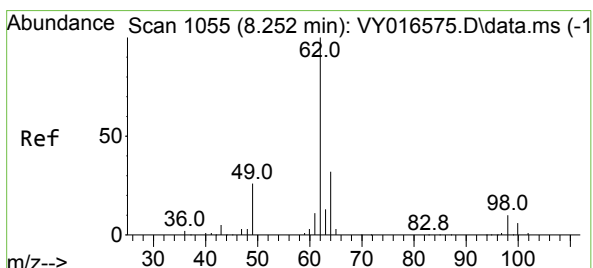
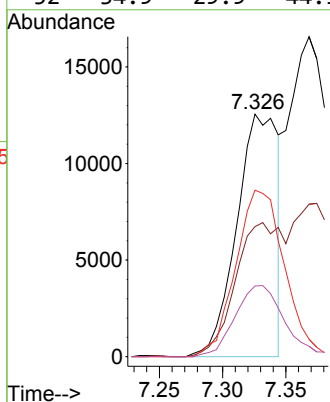
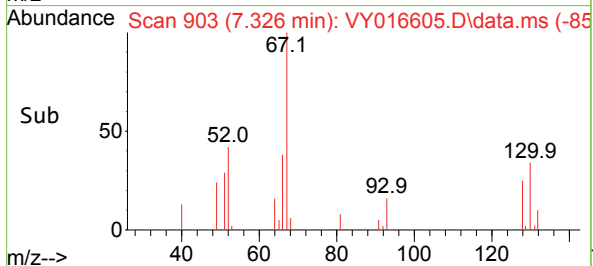


Tgt Ion: 41 Resp: 28520
Ion Ratio Lower Upper
41 100
39 64.8 52.1 78.1
67 81.3 66.2 99.2
52 34.9 29.9 44.9

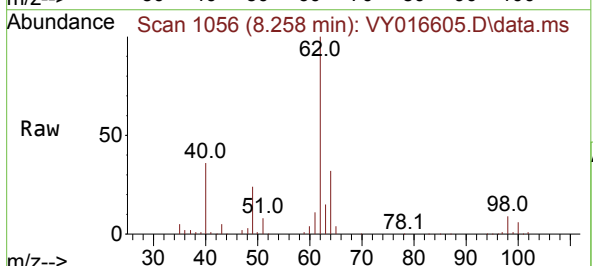
Manual Integrations

APPROVED

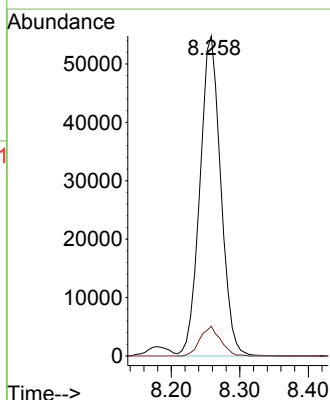
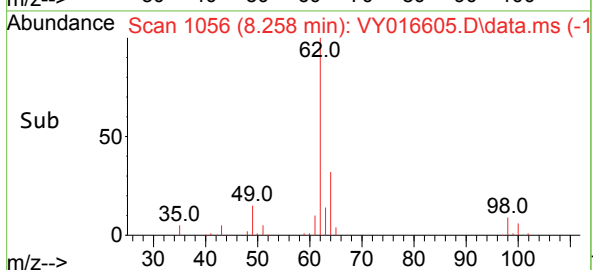
Reviewed By :Semsettin Yesilyurt 12/11/2023
Supervised By :Mahesh Dadoda 12/11/2023

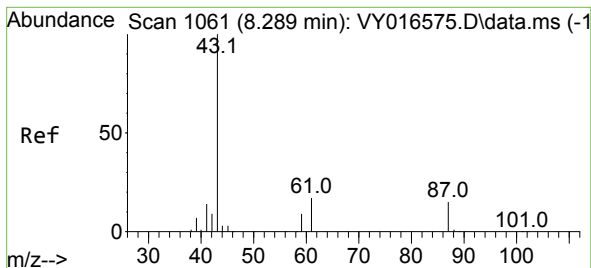


#42
1,2-Dichloroethane
Concen: 50.024 ug/l
RT: 8.258 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VY016605.D
Acq: 05 Dec 2023 19:02



Tgt Ion: 62 Resp: 116022
Ion Ratio Lower Upper
62 100
98 9.1 0.0 15.8





#43

Isopropyl Acetate

Concen: 44.026 ug/l

RT: 8.289 min Scan# 1061

Delta R.T. -0.000 min

Lab File: VY016605.D

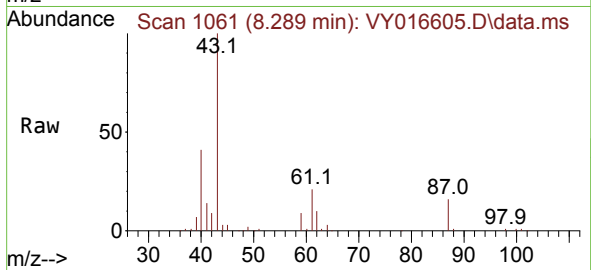
Acq: 05 Dec 2023 19:02

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC



Tgt Ion: 43 Resp: 100710

Ion Ratio Lower Upper

43 100

61 31.6 21.1 31.7

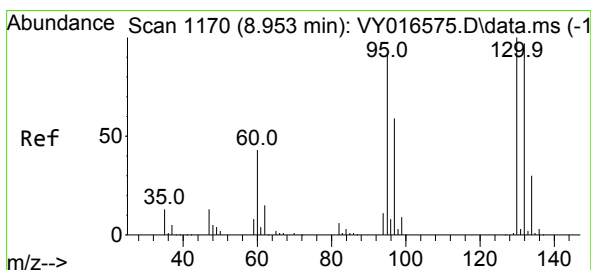
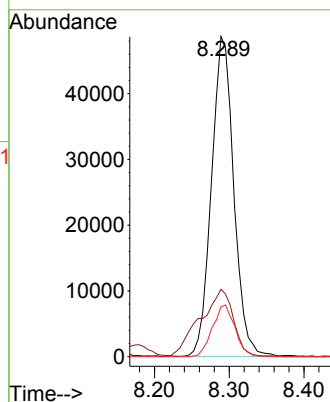
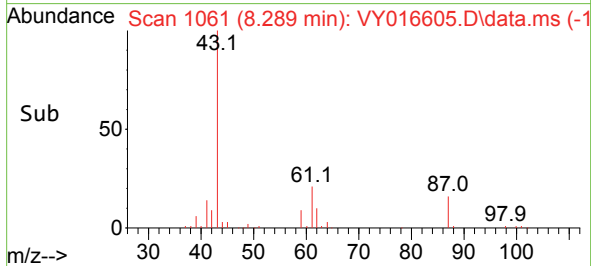
87 16.3 9.8 14.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/11/2023

Supervised By :Mahesh Dadoda 12/11/2023



#44

Trichloroethene

Concen: 49.673 ug/l

RT: 8.959 min Scan# 1171

Delta R.T. 0.006 min

Lab File: VY016605.D

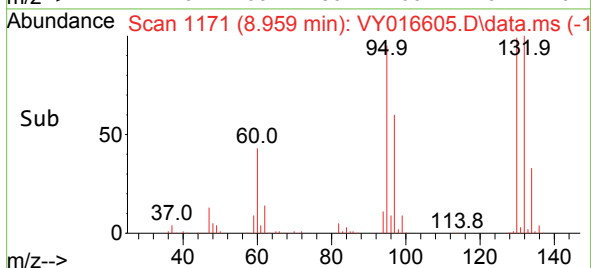
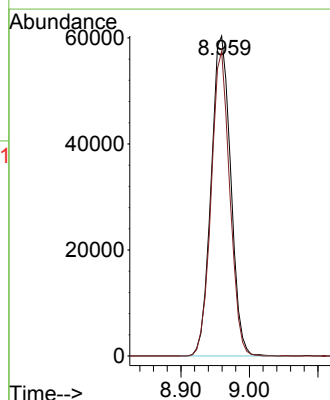
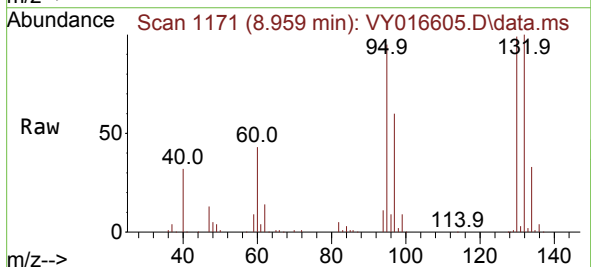
Acq: 05 Dec 2023 19:02

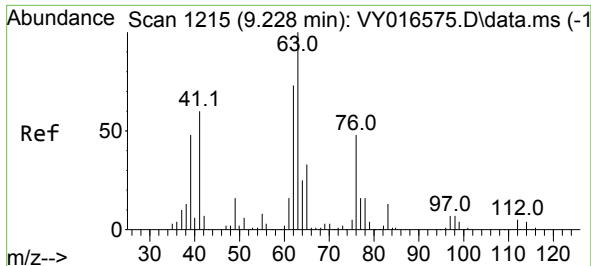
Tgt Ion:130 Resp: 119654

Ion Ratio Lower Upper

130 100

95 95.3 0.0 196.0





#45

1,2-Dichloropropane

Concen: 45.548 ug/l

RT: 9.234 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY016605.D

Acq: 05 Dec 2023 19:02

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 8759

Ion Ratio Lower Upper

63 100

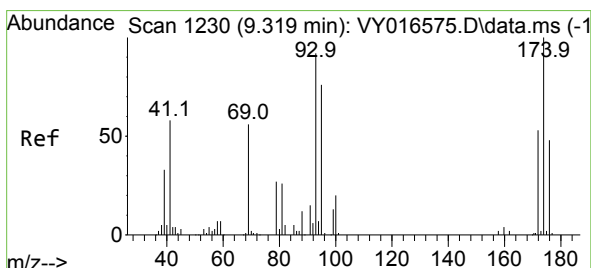
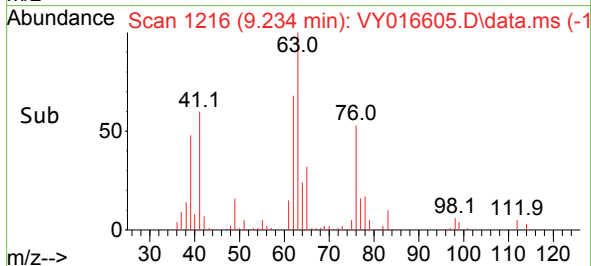
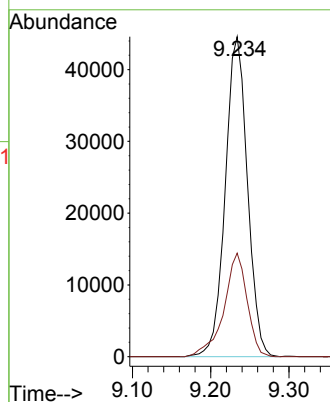
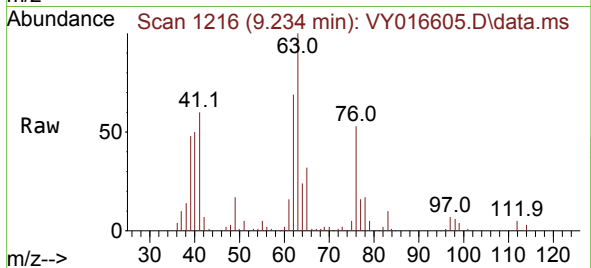
65 32.3 23.8 35.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/11/2023

Supervised By :Mahesh Dadoda 12/11/2023



#46

Dibromomethane

Concen: 48.929 ug/l

RT: 9.319 min Scan# 1230

Delta R.T. -0.000 min

Lab File: VY016605.D

Acq: 05 Dec 2023 19:02

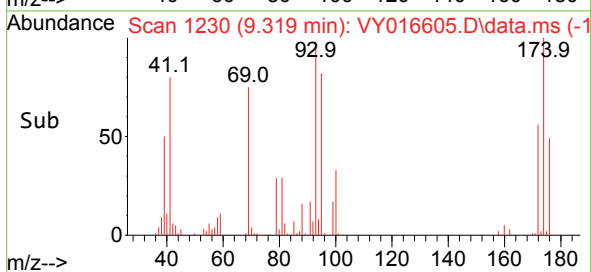
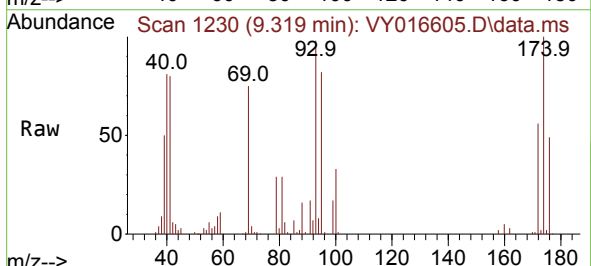
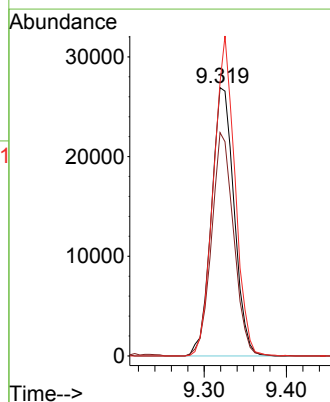
Tgt Ion: 93 Resp: 51583

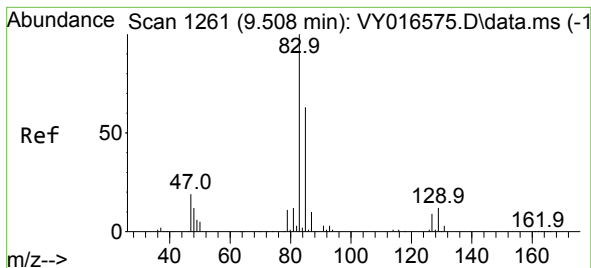
Ion Ratio Lower Upper

93 100

95 81.2 66.6 100.0

174 112.8 84.8 127.2





#47

Bromodichloromethane

Concen: 49.748 ug/l

RT: 9.514 min Scan# 1262

Delta R.T. 0.006 min

Lab File: VY016605.D

Acq: 05 Dec 2023 19:02

Instrument :

MSVOA_Y

ClientSampleId :

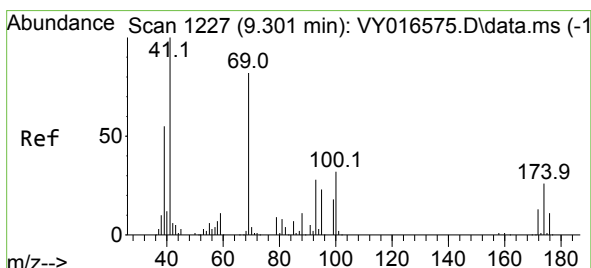
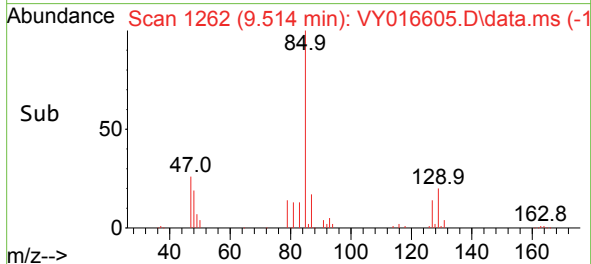
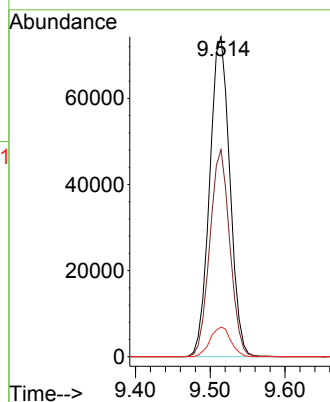
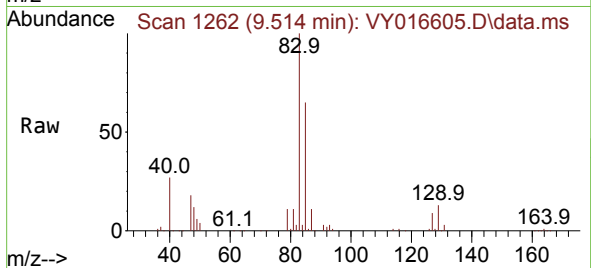
VSTDCCC050EC

Tgt Ion:	83	Resp:	139620
Ion Ratio	Lower	Upper	
83	100		
85	64.7	50.1	75.1
127	9.2	7.1	10.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/11/2023
Supervised By :Mahesh Dadoda 12/11/2023



#48

Methyl methacrylate

Concen: 45.287 ug/l

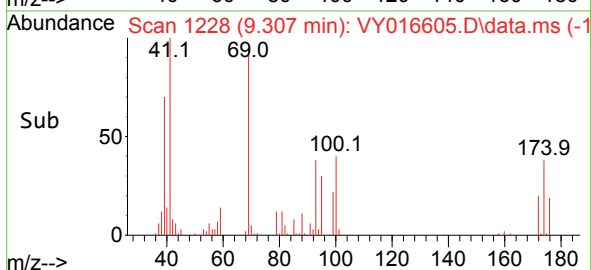
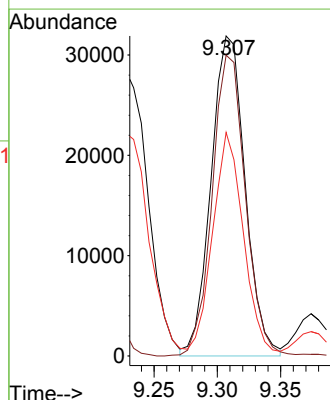
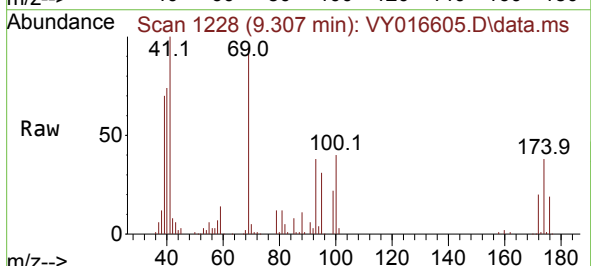
RT: 9.307 min Scan# 1228

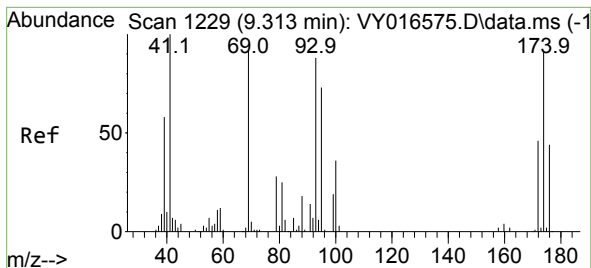
Delta R.T. 0.006 min

Lab File: VY016605.D

Acq: 05 Dec 2023 19:02

Tgt Ion:	41	Resp:	59829
Ion Ratio	Lower	Upper	
41	100		
69	91.9	64.5	96.7
39	60.2	50.8	76.2





#49

1,4-Dioxane

Concen: 949.236 ug/l

RT: 9.319 min Scan# 1229

Delta R.T. 0.006 min

Lab File: VY016605.D

Acq: 05 Dec 2023 19:02

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 88 Resp: 10129

Ion Ratio Lower Upper

88 100

43 33.0 0.0 0.0

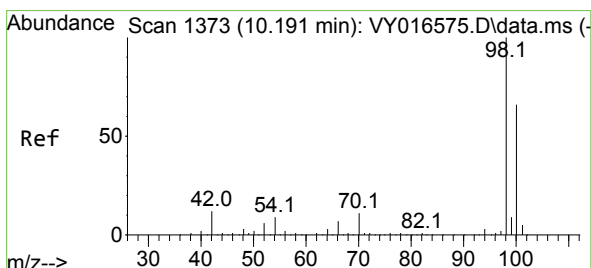
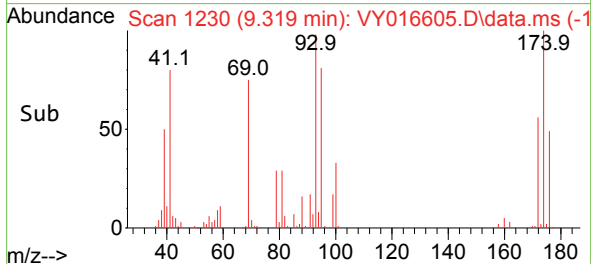
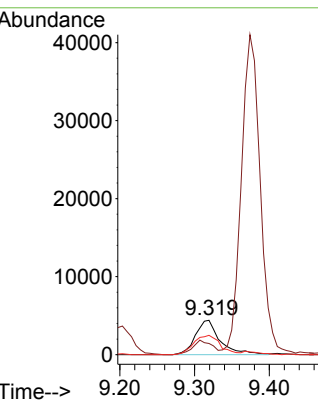
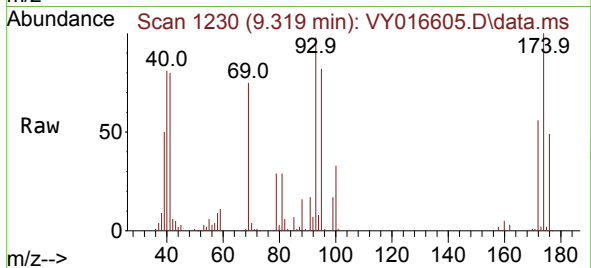
58 61.0 30.9 46.3

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/11/2023

Supervised By :Mahesh Dadoda 12/11/2023



#50

Toluene-d8

Concen: 46.305 ug/l

RT: 10.197 min Scan# 1374

Delta R.T. 0.006 min

Lab File: VY016605.D

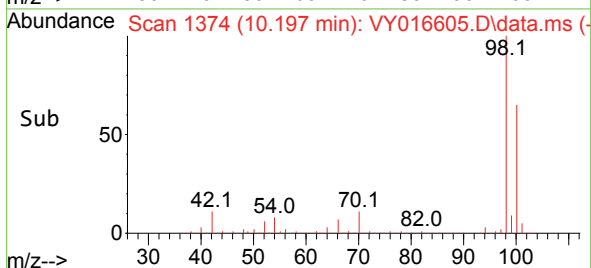
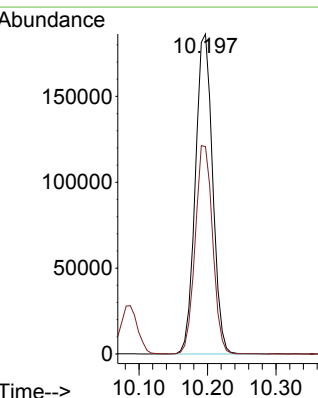
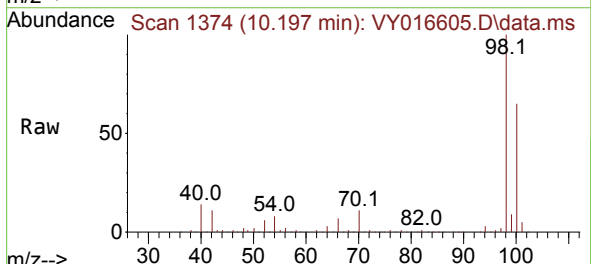
Acq: 05 Dec 2023 19:02

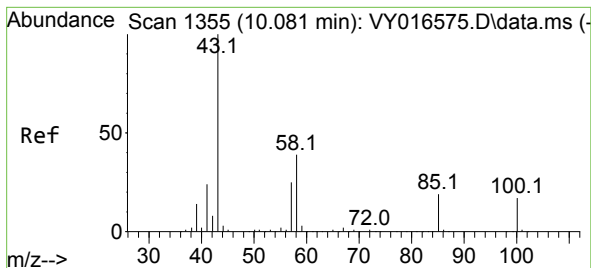
Tgt Ion: 98 Resp: 326528

Ion Ratio Lower Upper

98 100

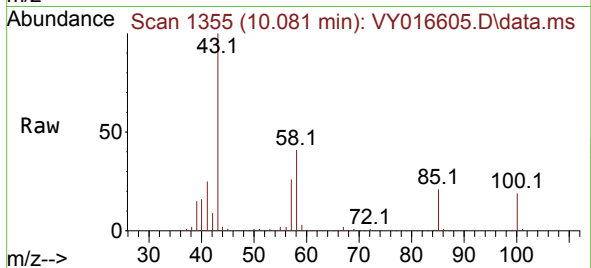
100 65.8 50.1 75.1





#51
4-Methyl-2-Pentanone
Concen: 218.655 ug/l
RT: 10.081 min Scan# 1355
Delta R.T. -0.000 min
Lab File: VY016605.D
Acq: 05 Dec 2023 19:02

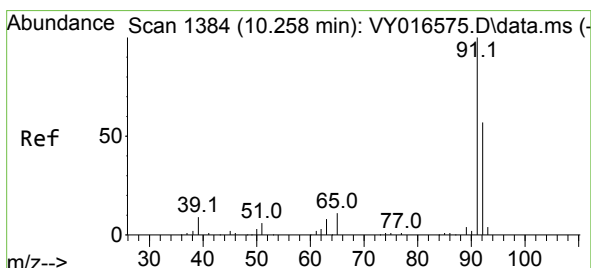
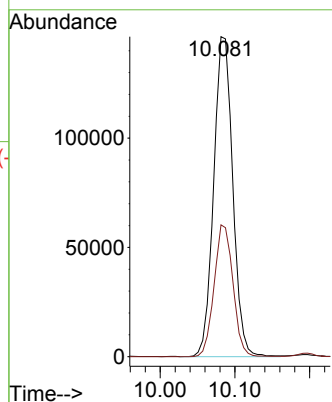
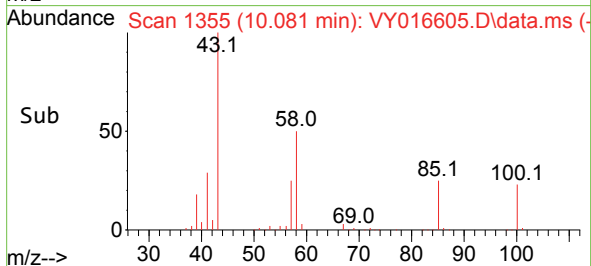
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



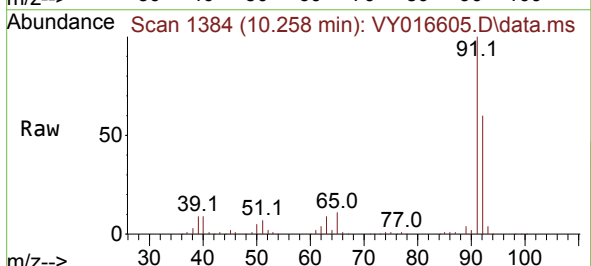
Tgt Ion: 43 Resp: 259938
Ion Ratio Lower Upper
43 100
58 40.7 29.0 43.6

Manual Integrations
APPROVED

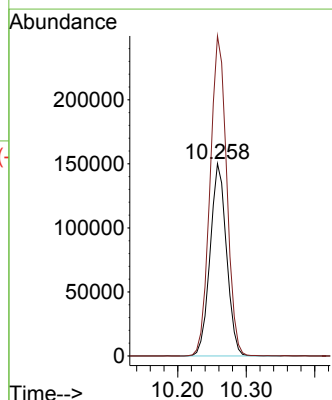
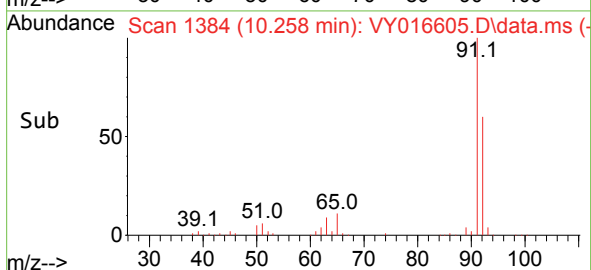
Reviewed By :Semsettin Yesilyurt 12/11/2023
Supervised By :Mahesh Dadoda 12/11/2023

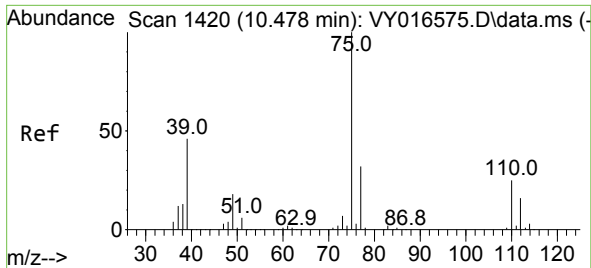


#52
Toluene
Concen: 49.915 ug/l
RT: 10.258 min Scan# 1384
Delta R.T. -0.000 min
Lab File: VY016605.D
Acq: 05 Dec 2023 19:02



Tgt Ion: 92 Resp: 249885
Ion Ratio Lower Upper
92 100
91 168.9 143.8 215.6





#53
t-1,3-Dichloropropene
Concen: 49.980 ug/l
RT: 10.477 min Scan# 1420
Delta R.T. -0.000 min
Lab File: VY016605.D
Acq: 05 Dec 2023 19:02

Instrument :

MSVOA_Y

ClientSampleId :

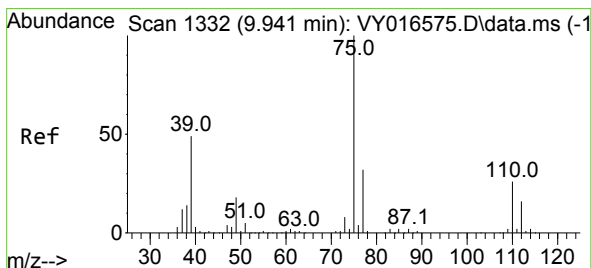
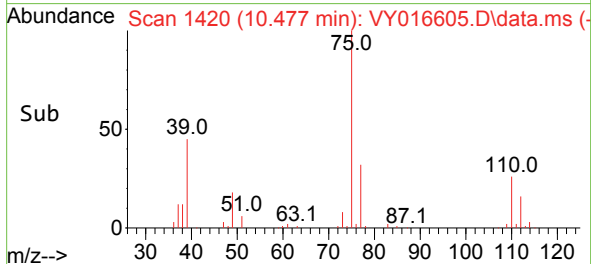
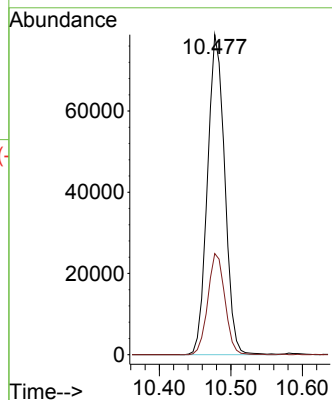
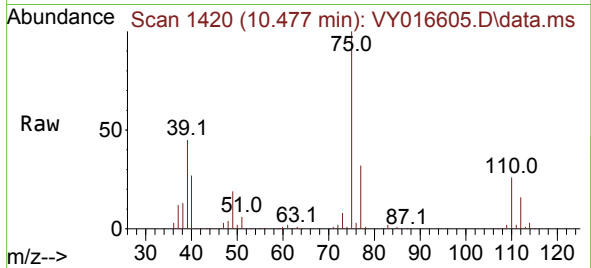
VSTDCCC050EC

Tgt Ion: 75 Resp: 132380
Ion Ratio Lower Upper
75 100
77 31.6 25.0 37.4

Manual Integrations

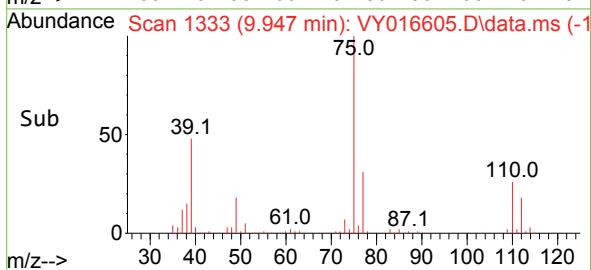
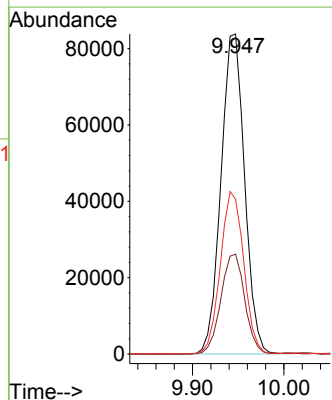
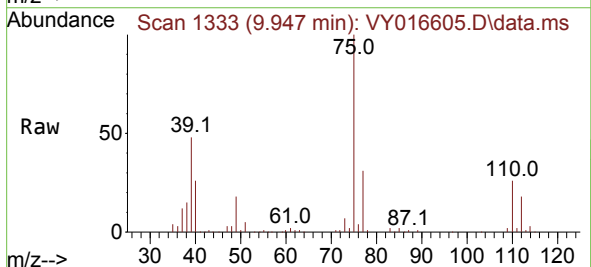
APPROVED

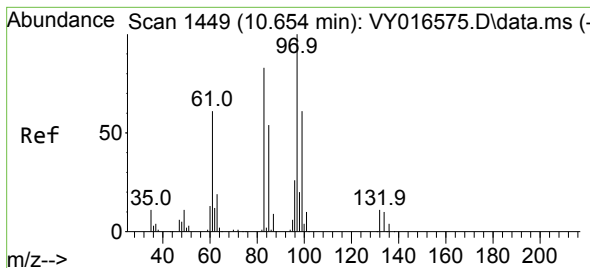
Reviewed By :Semsettin Yesilyurt 12/11/2023
Supervised By :Mahesh Dadoda 12/11/2023



#54
cis-1,3-Dichloropropene
Concen: 48.386 ug/l
RT: 9.947 min Scan# 1333
Delta R.T. 0.006 min
Lab File: VY016605.D
Acq: 05 Dec 2023 19:02

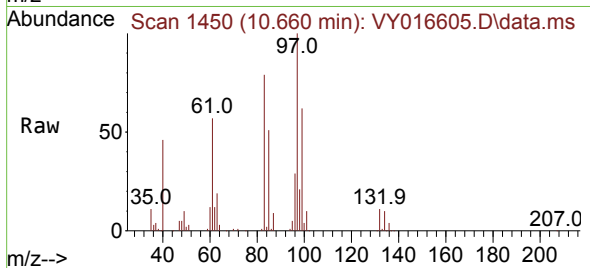
Tgt Ion: 75 Resp: 150522
Ion Ratio Lower Upper
75 100
77 31.2 24.2 36.4
39 48.3 42.2 63.4





#55
1,1,2-Trichloroethane
Concen: 48.120 ug/l
RT: 10.660 min Scan# 1449
Delta R.T. 0.006 min
Lab File: VY016605.D
Acq: 05 Dec 2023 19:02

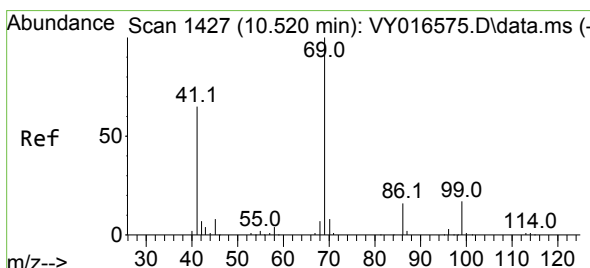
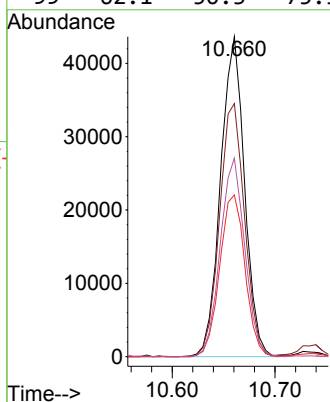
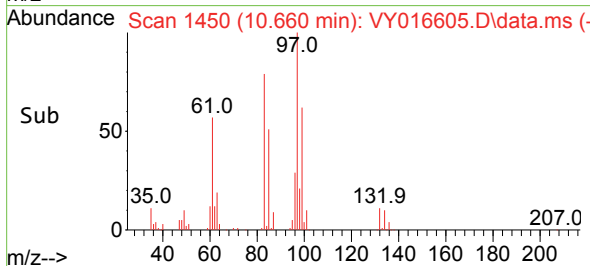
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



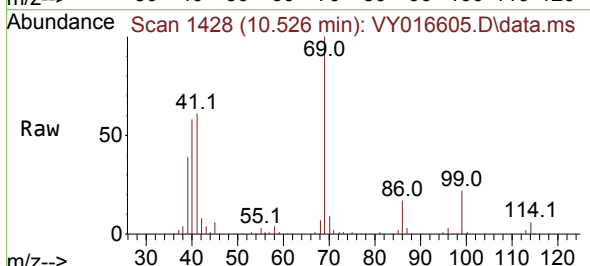
Tgt Ion: 97 Resp: 70660
Ion Ratio Lower Upper
97 100
83 79.1 72.0 108.0
85 50.5 45.4 68.0
99 62.1 50.3 75.5

Manual Integrations
APPROVED

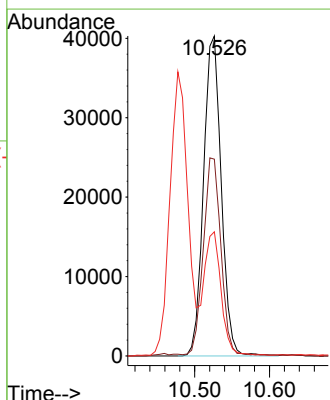
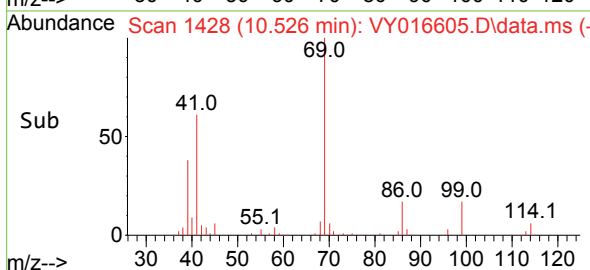
Reviewed By :Semsettin Yesilyurt 12/11/2023
Supervised By :Mahesh Dadoda 12/11/2023

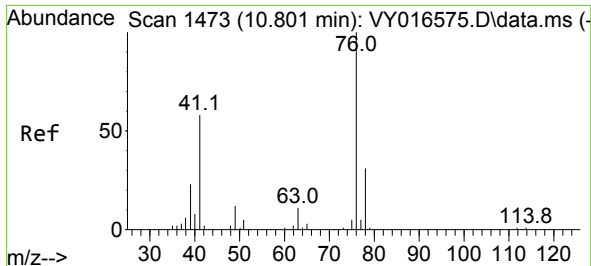


#56
Ethyl methacrylate
Concen: 49.204 ug/l
RT: 10.526 min Scan# 1428
Delta R.T. 0.006 min
Lab File: VY016605.D
Acq: 05 Dec 2023 19:02



Tgt Ion: 69 Resp: 66234
Ion Ratio Lower Upper
69 100
41 60.9 57.6 86.4
39 37.8 34.1 51.1





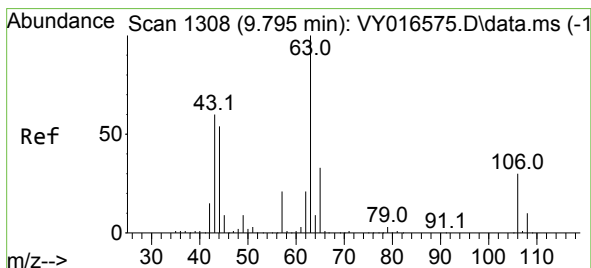
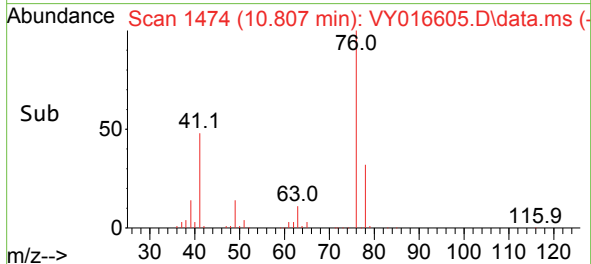
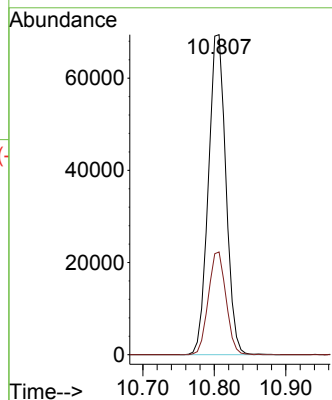
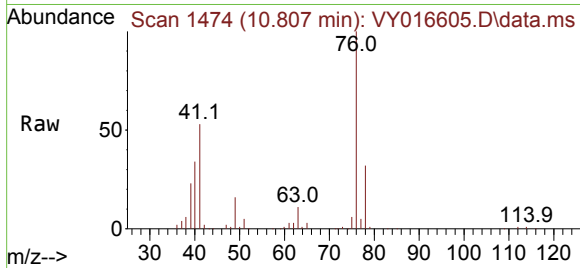
#57
1,3-Dichloropropane
Concen: 47.637 ug/l
RT: 10.807 min Scan# 1473
Delta R.T. 0.006 min
Lab File: VY016605.D
Acq: 05 Dec 2023 19:02

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 76 Resp: 11817
Ion Ratio Lower Upper
76 100
78 32.3 25.3 37.9

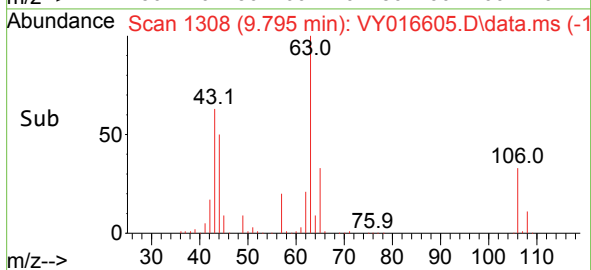
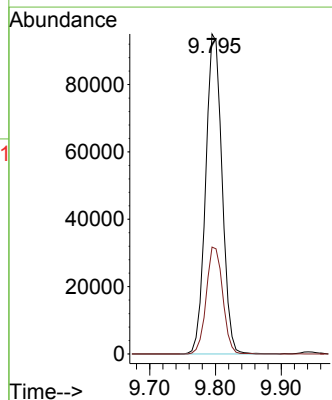
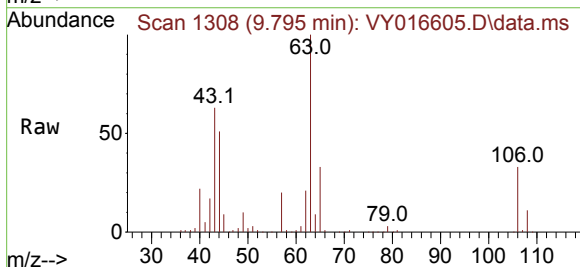
Manual Integrations
APPROVED

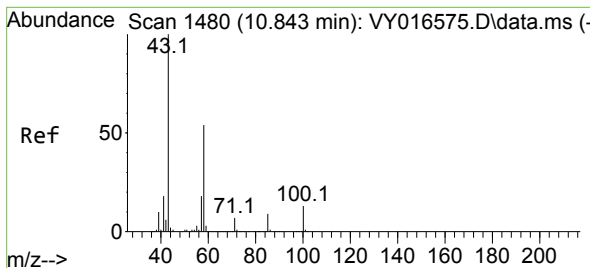
Reviewed By :Semsettin Yesilyurt 12/11/2023
Supervised By :Mahesh Dadoda 12/11/2023



#58
2-Chloroethyl Vinyl ether
Concen: 198.045 ug/l
RT: 9.795 min Scan# 1308
Delta R.T. -0.000 min
Lab File: VY016605.D
Acq: 05 Dec 2023 19:02

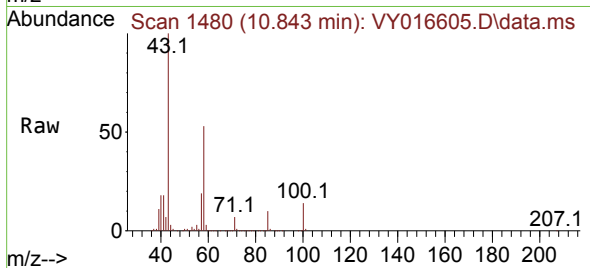
Tgt Ion: 63 Resp: 164288
Ion Ratio Lower Upper
63 100
106 33.6 21.2 31.8#





#59
2-Hexanone
Concen: 207.046 ug/l
RT: 10.843 min Scan# 1480
Delta R.T. -0.000 min
Lab File: VY016605.D
Acq: 05 Dec 2023 19:02

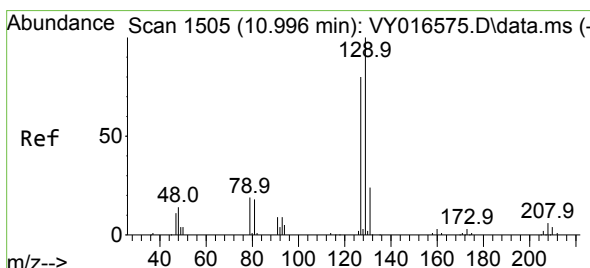
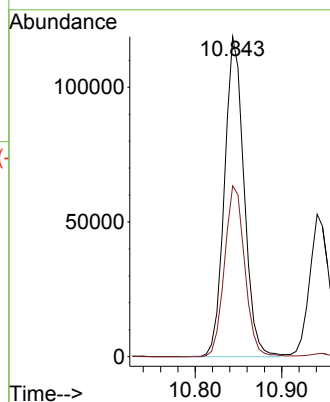
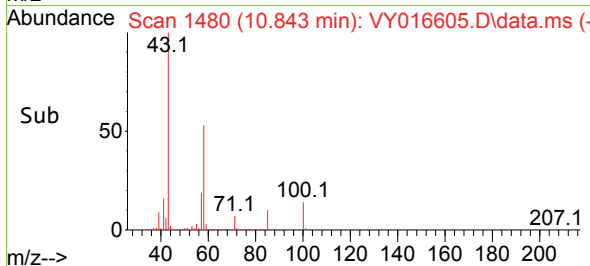
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



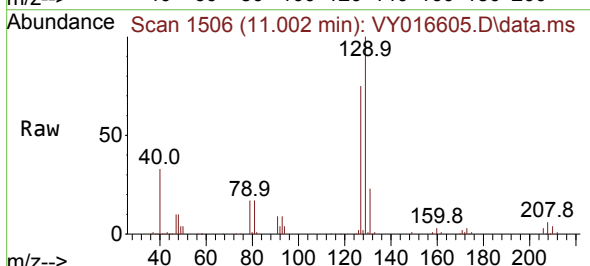
Tgt Ion: 43 Resp: 186199
Ion Ratio Lower Upper
43 100
58 55.3 25.1 75.3

Manual Integrations
APPROVED

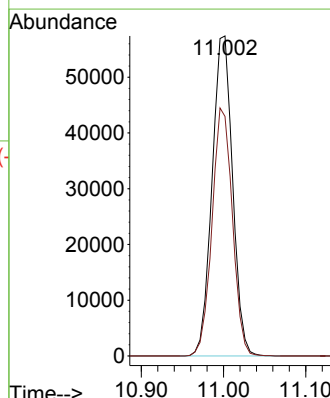
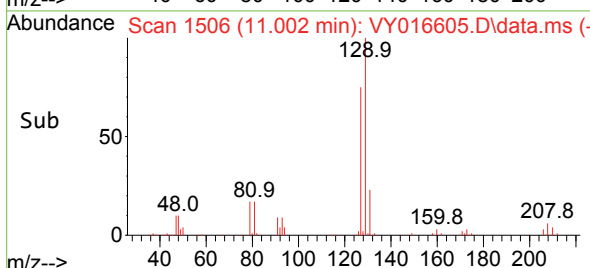
Reviewed By :Semsettin Yesilyurt 12/11/2023
Supervised By :Mahesh Dadoda 12/11/2023

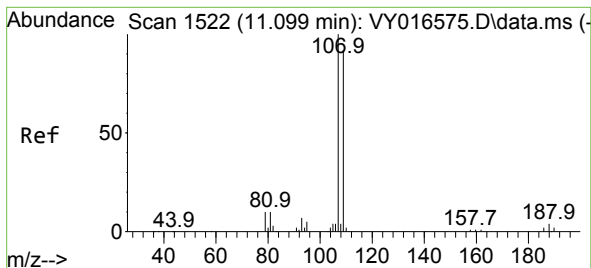


#60
Dibromochloromethane
Concen: 50.699 ug/l
RT: 11.002 min Scan# 1506
Delta R.T. 0.006 min
Lab File: VY016605.D
Acq: 05 Dec 2023 19:02



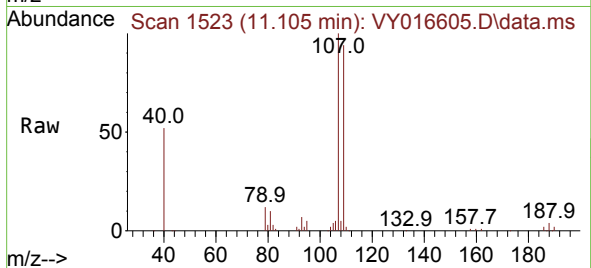
Tgt Ion:129 Resp: 99480
Ion Ratio Lower Upper
129 100
127 77.0 38.5 115.5





#61
1,2-Dibromoethane
Concen: 49.059 ug/l
RT: 11.105 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY016605.D
Acq: 05 Dec 2023 19:02

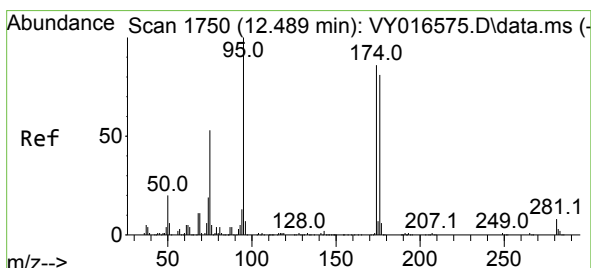
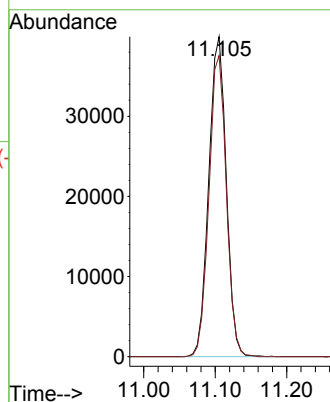
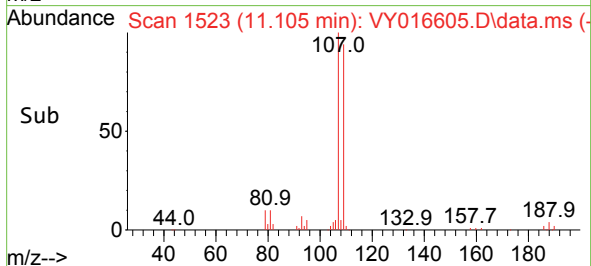
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



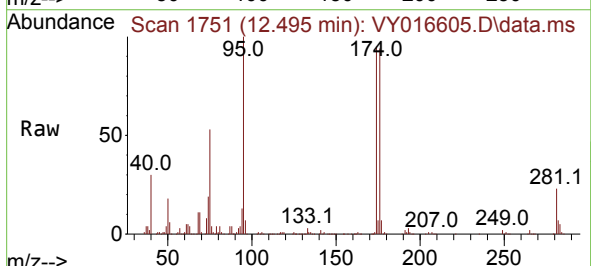
Tgt Ion:107 Resp: 67762
Ion Ratio Lower Upper
107 100
109 93.4 75.6 113.4

Manual Integrations
APPROVED

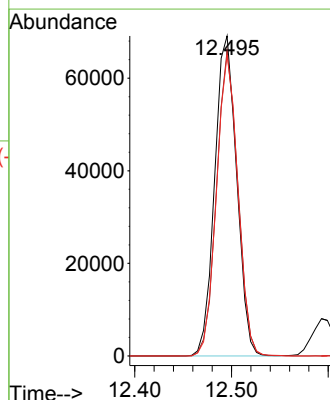
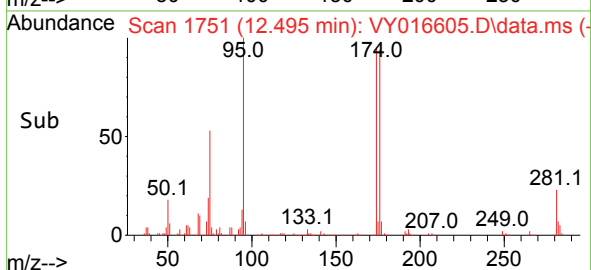
Reviewed By :Semsettin Yesilyurt 12/11/2023
Supervised By :Mahesh Dadoda 12/11/2023

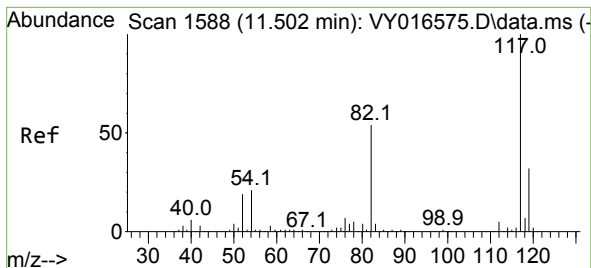


#62
4-Bromofluorobenzene
Concen: 47.057 ug/l
RT: 12.495 min Scan# 1751
Delta R.T. 0.006 min
Lab File: VY016605.D
Acq: 05 Dec 2023 19:02



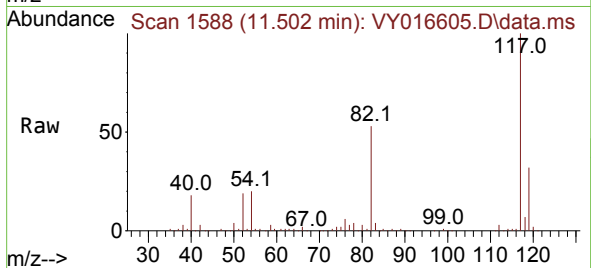
Tgt Ion: 95 Resp: 109123
Ion Ratio Lower Upper
95 100
174 91.9 0.0 178.2
176 91.4 0.0 173.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY016605.D
Acq: 05 Dec 2023 19:02

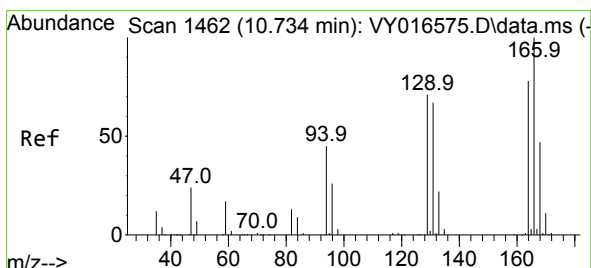
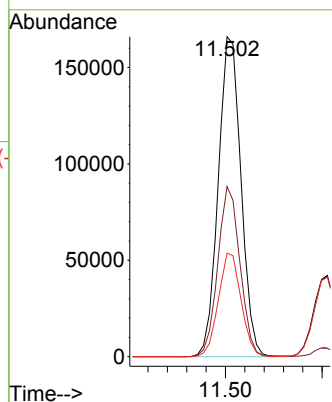
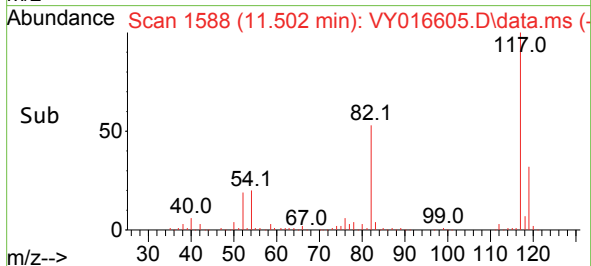
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



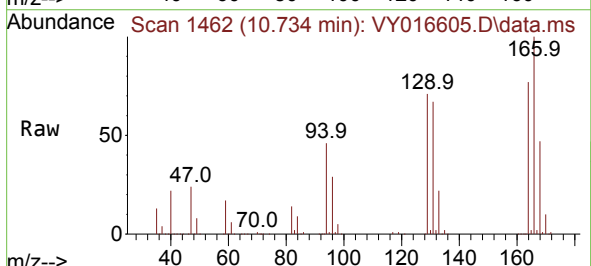
Tgt Ion:117 Resp: 27021
Ion Ratio Lower Upper
117 100
82 53.1 43.4 65.0
119 32.4 26.3 39.5

Manual Integrations
APPROVED

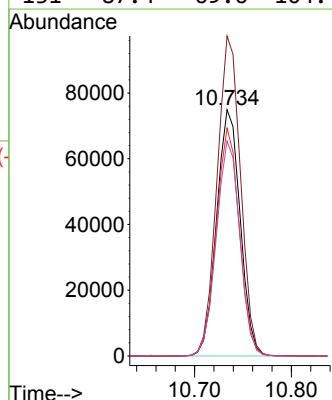
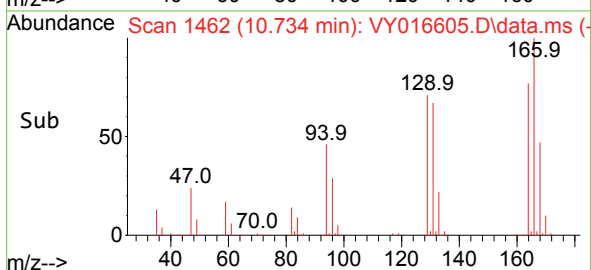
Reviewed By :Semsettin Yesilyurt 12/11/2023
Supervised By :Mahesh Dadoda 12/11/2023

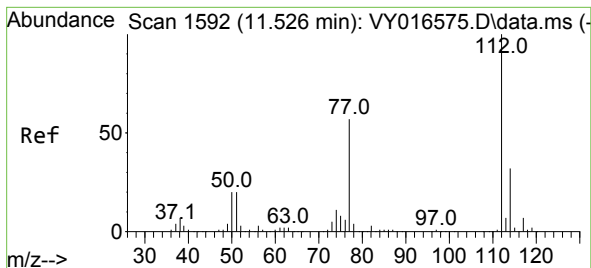


#64
Tetrachloroethene
Concen: 51.197 ug/l
RT: 10.734 min Scan# 1462
Delta R.T. -0.000 min
Lab File: VY016605.D
Acq: 05 Dec 2023 19:02



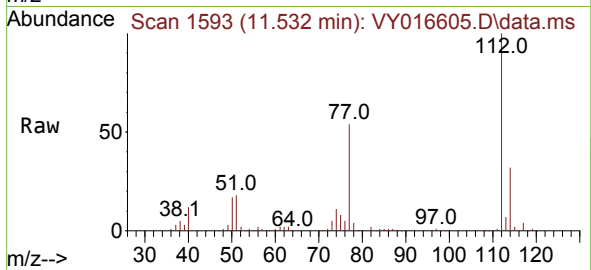
Tgt Ion:164 Resp: 126788
Ion Ratio Lower Upper
164 100
166 130.0 103.0 154.6
129 92.6 77.2 115.8
131 87.4 69.6 104.4





#65
Chlorobenzene
Concen: 50.245 ug/l
RT: 11.532 min Scan# 11532
Delta R.T. 0.006 min
Lab File: VY016605.D
Acq: 05 Dec 2023 19:02

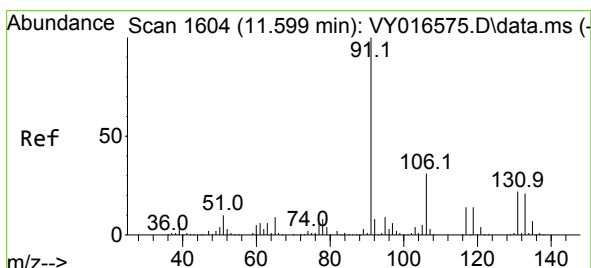
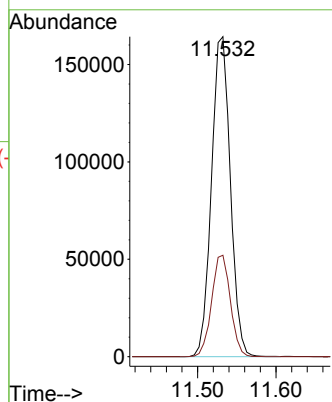
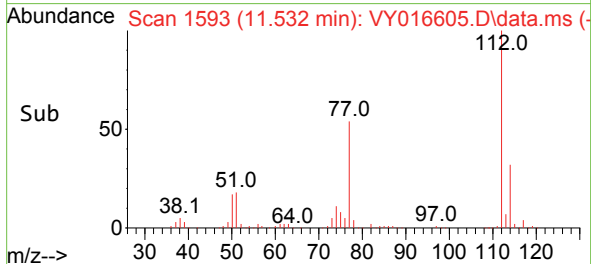
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



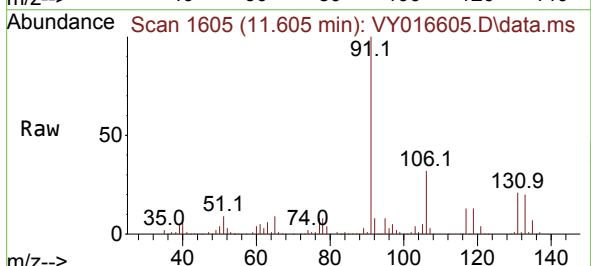
Tgt Ion:112 Resp: 274994
Ion Ratio Lower Upper
112 100
114 31.7 25.5 38.3

Manual Integrations
APPROVED

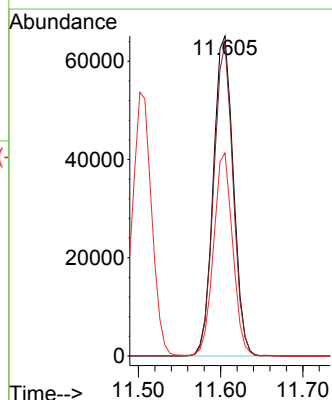
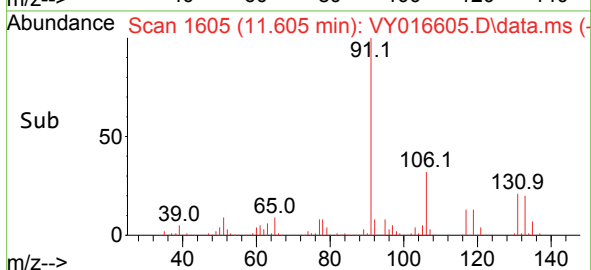
Reviewed By :Semsettin Yesilyurt 12/11/2023
Supervised By :Mahesh Dadoda 12/11/2023

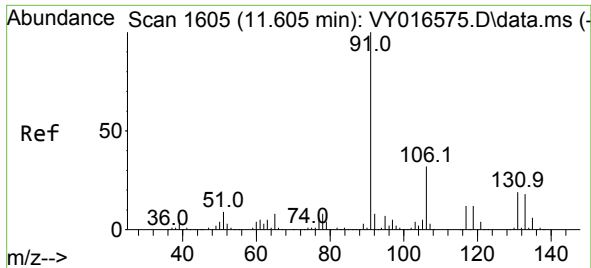


#66
1,1,1,2-Tetrachloroethane
Concen: 51.475 ug/l
RT: 11.605 min Scan# 1605
Delta R.T. 0.006 min
Lab File: VY016605.D
Acq: 05 Dec 2023 19:02



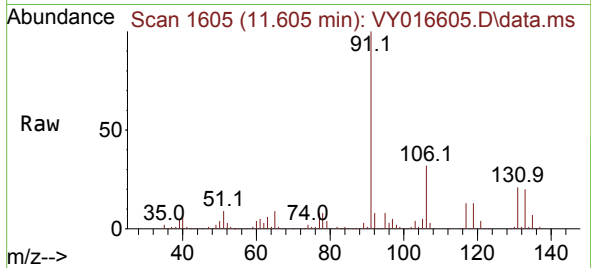
Tgt Ion:131 Resp: 110112
Ion Ratio Lower Upper
131 100
133 94.5 47.5 142.6
119 60.7 31.6 94.7





#67
Ethyl Benzene
Concen: 48.923 ug/l
RT: 11.605 min Scan# 1605
Delta R.T. -0.000 min
Lab File: VY016605.D
Acq: 05 Dec 2023 19:02

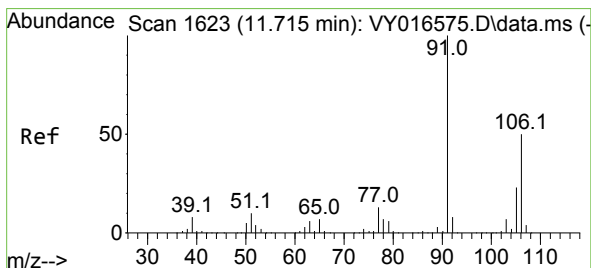
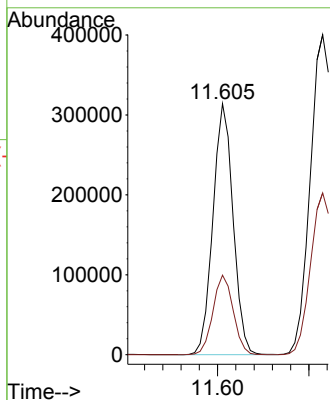
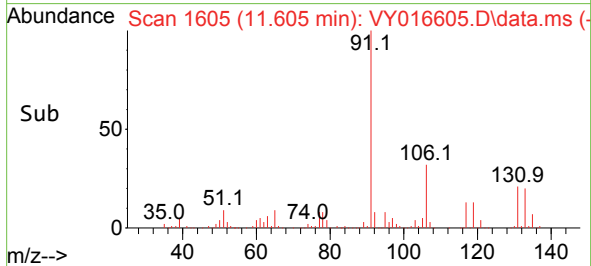
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



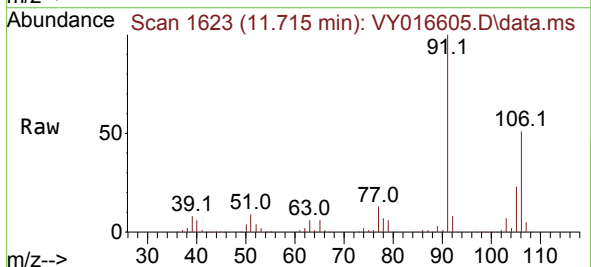
Tgt Ion: 91 Resp: 480200
Ion Ratio Lower Upper
91 100
106 31.7 24.6 36.8

Manual Integrations
APPROVED

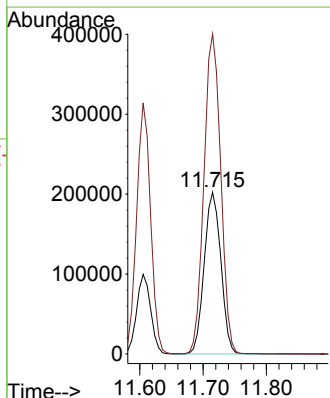
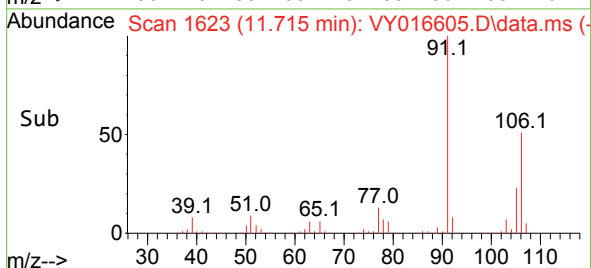
Reviewed By :Semsettin Yesilyurt 12/11/2023
Supervised By :Mahesh Dadoda 12/11/2023

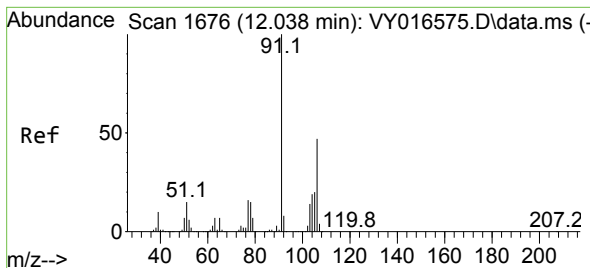


#68
m/p-Xylenes
Concen: 99.694 ug/l
RT: 11.715 min Scan# 1623
Delta R.T. -0.000 min
Lab File: VY016605.D
Acq: 05 Dec 2023 19:02



Tgt Ion:106 Resp: 371482
Ion Ratio Lower Upper
106 100
91 199.6 166.1 249.1





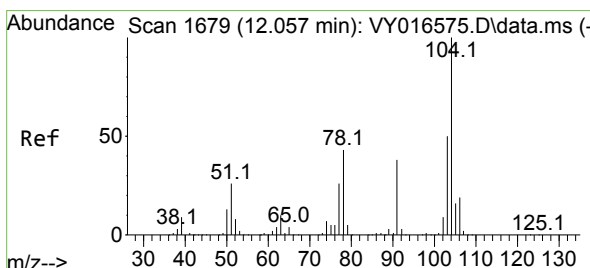
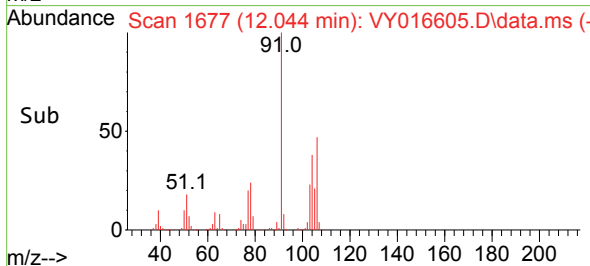
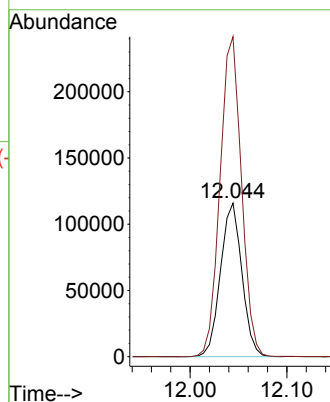
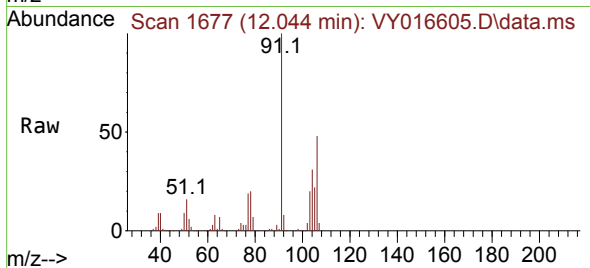
#69
o-Xylene
Concen: 51.133 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.006 min
Lab File: VY016605.D
Acq: 05 Dec 2023 19:02

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 17786
Ion Ratio Lower Upper
106 100
91 209.3 108.1 324.3

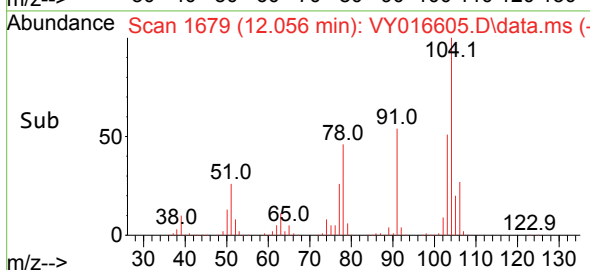
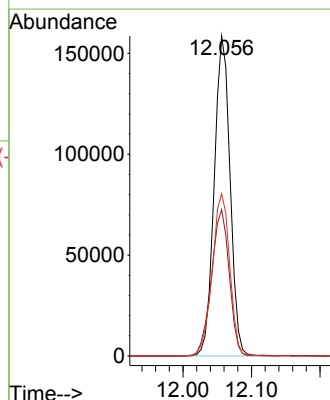
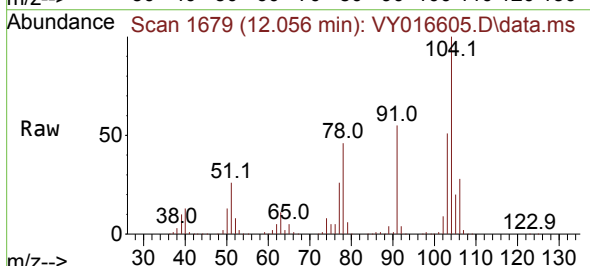
Manual Integrations
APPROVED

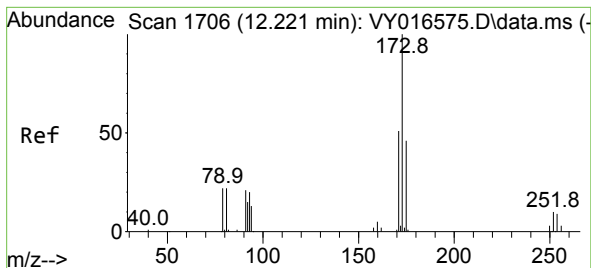
Reviewed By :Semsettin Yesilyurt 12/11/2023
Supervised By :Mahesh Dadoda 12/11/2023



#70
Styrene
Concen: 51.016 ug/l
RT: 12.056 min Scan# 1679
Delta R.T. -0.000 min
Lab File: VY016605.D
Acq: 05 Dec 2023 19:02

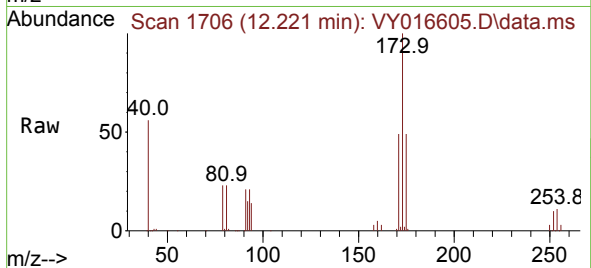
Tgt Ion:104 Resp: 254614
Ion Ratio Lower Upper
104 100
78 51.4 41.5 62.3
103 55.8 44.6 67.0





#71
Bromoform
Concen: 51.810 ug/l
RT: 12.221 min Scan# 1706
Delta R.T. -0.000 min
Lab File: VY016605.D
Acq: 05 Dec 2023 19:02

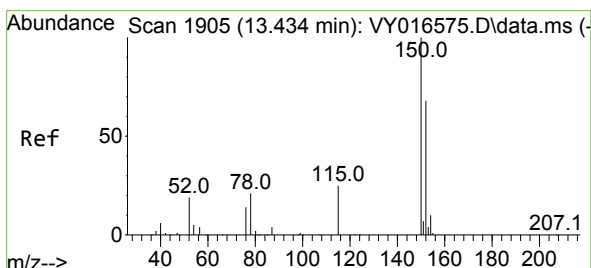
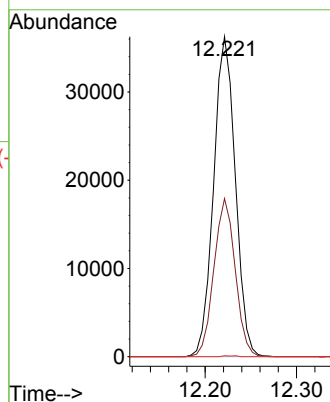
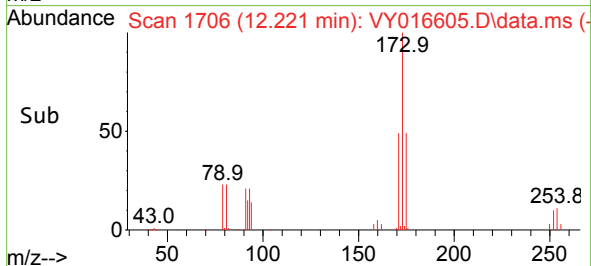
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



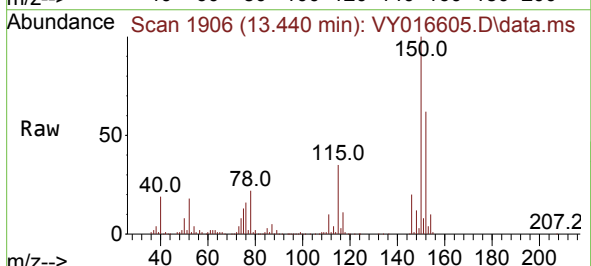
Tgt Ion:173 Resp: 5984
Ion Ratio Lower Upper
173 100
175 48.4 24.6 73.8
254 0.2 0.2 0.2

Manual Integrations
APPROVED

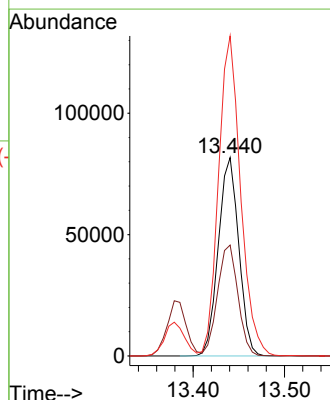
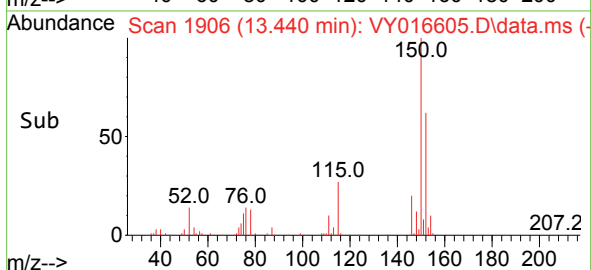
Reviewed By :Semsettin Yesilyurt 12/11/2023
Supervised By :Mahesh Dadoda 12/11/2023

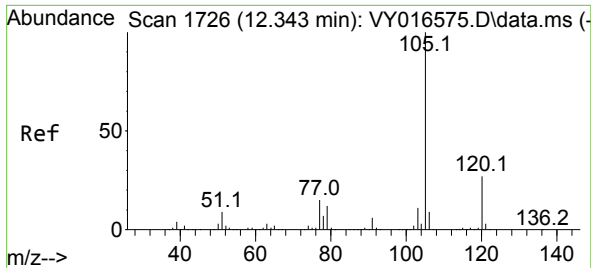


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.440 min Scan# 1906
Delta R.T. 0.006 min
Lab File: VY016605.D
Acq: 05 Dec 2023 19:02



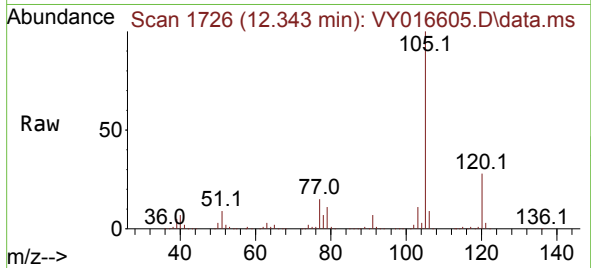
Tgt Ion:152 Resp: 127453
Ion Ratio Lower Upper
152 100
115 55.7 28.8 86.5
150 173.2 0.0 348.8





#73
Isopropylbenzene
Concen: 51.252 ug/l
RT: 12.343 min Scan# 1726
Delta R.T. -0.000 min
Lab File: VY016605.D
Acq: 05 Dec 2023 19:02

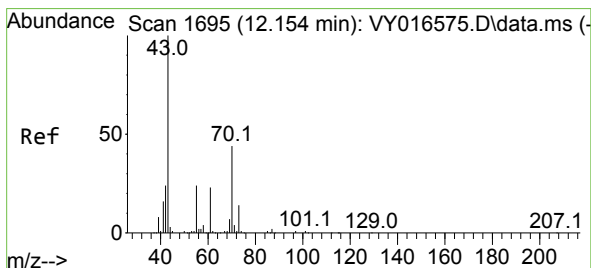
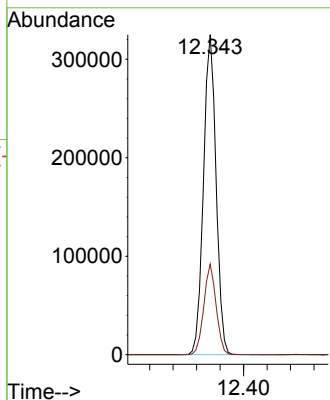
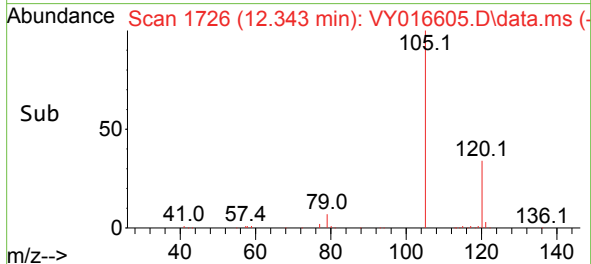
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion:105 Resp: 483690
Ion Ratio Lower Upper
105 100
120 27.7 13.3 39.9

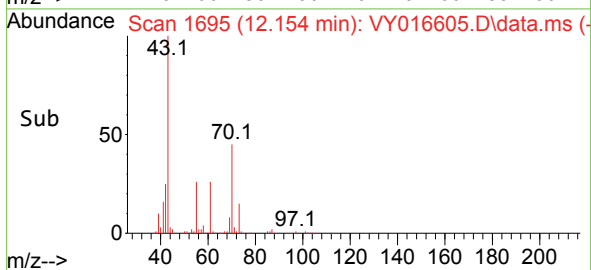
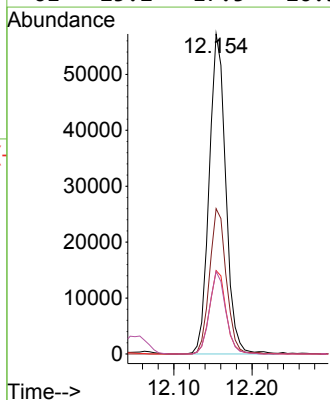
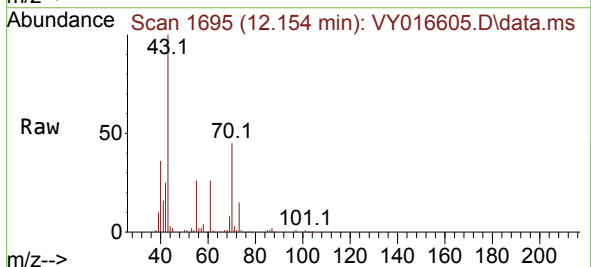
Manual Integrations
APPROVED

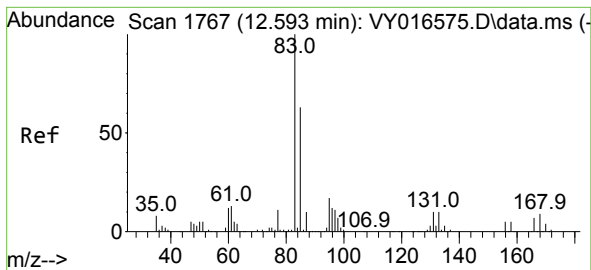
Reviewed By :Semsettin Yesilyurt 12/11/2023
Supervised By :Mahesh Dadoda 12/11/2023



#74
N-ethyl acetate
Concen: 44.690 ug/l
RT: 12.154 min Scan# 1695
Delta R.T. -0.000 min
Lab File: VY016605.D
Acq: 05 Dec 2023 19:02

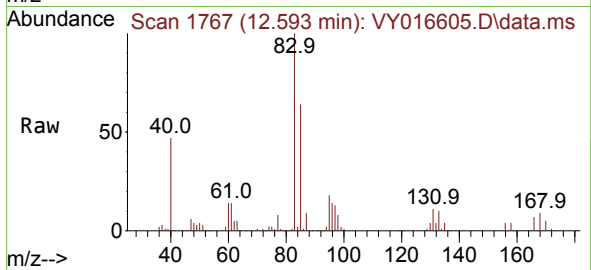
Tgt Ion: 43 Resp: 84099
Ion Ratio Lower Upper
43 100
70 45.9 29.7 44.5#
55 25.9 18.3 27.5
61 25.2 17.5 26.3





#75
1,1,2,2-Tetrachloroethane
Concen: 45.685 ug/l
RT: 12.593 min Scan# 1767
Delta R.T. -0.000 min
Lab File: VY016605.D
Acq: 05 Dec 2023 19:02

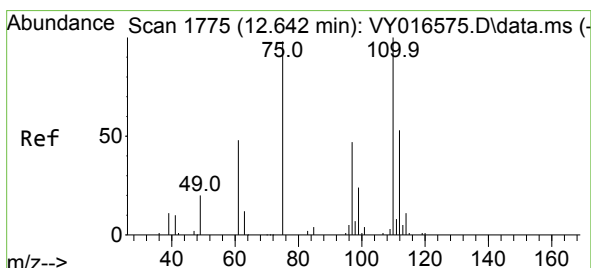
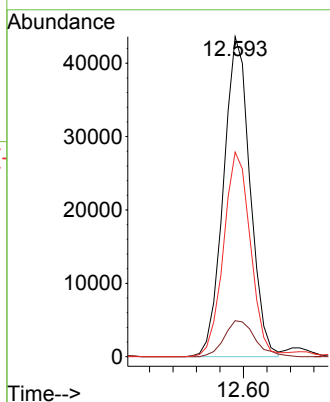
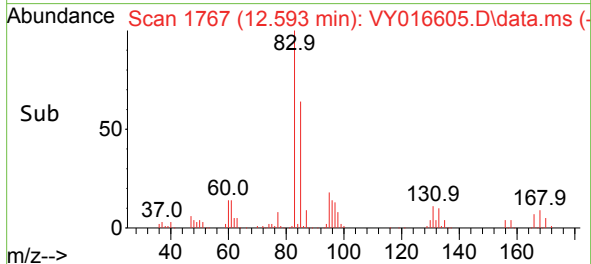
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 68570
Ion Ratio Lower Upper
83 100
131 13.0 5.4 16.2
85 64.9 31.8 95.4

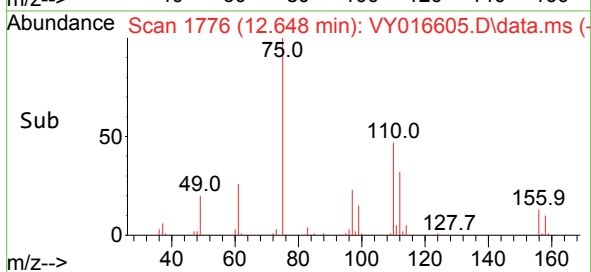
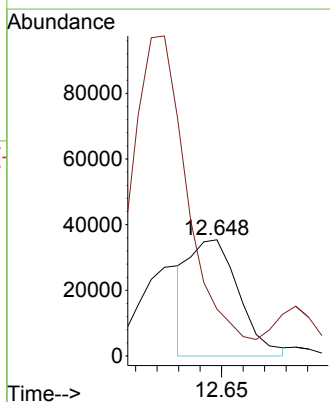
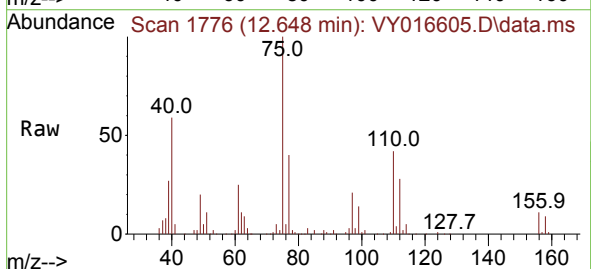
Manual Integrations
APPROVED

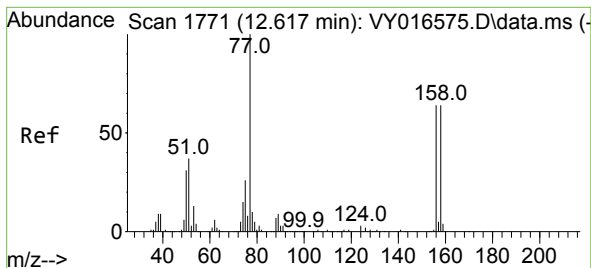
Reviewed By :Semsettin Yesilyurt 12/11/2023
Supervised By :Mahesh Dadoda 12/11/2023



#76
1,2,3-Trichloropropane
Concen: 49.382 ug/l m
RT: 12.648 min Scan# 1776
Delta R.T. 0.006 min
Lab File: VY016605.D
Acq: 05 Dec 2023 19:02

Tgt Ion: 75 Resp: 56854
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 52.351 ug/l

RT: 12.623 min Scan# 1771

Delta R.T. 0.006 min

Lab File: VY016605.D

Acq: 05 Dec 2023 19:02

Instrument :

MSVOA_Y

ClientSampleId :

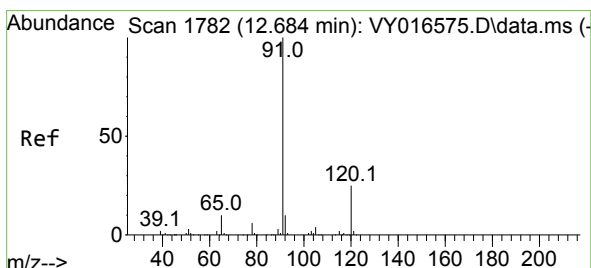
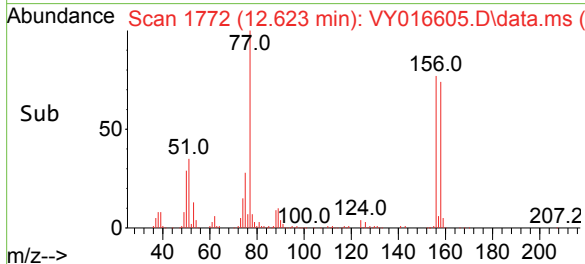
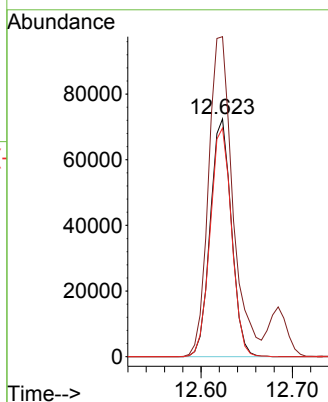
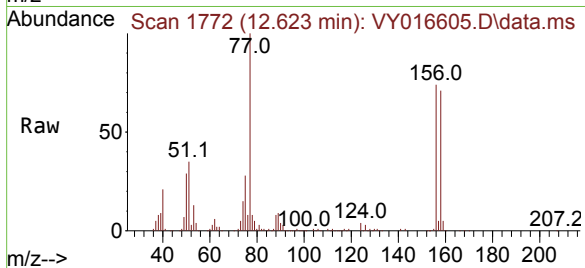
VSTDCCC050EC

Tgt Ion:	156	Resp:	11644
Ion Ratio	Lower	Upper	
156	100		
77	154.8	92.8	278.6
158	97.2	48.4	145.3

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/11/2023
Supervised By :Mahesh Dadoda 12/11/2023



#78

n-propylbenzene

Concen: 49.393 ug/l

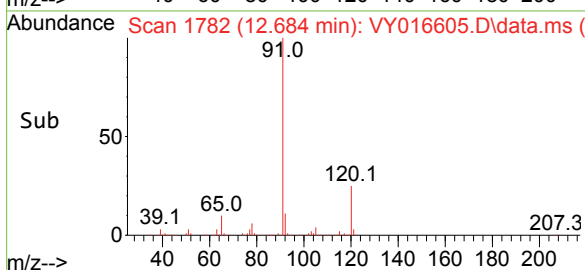
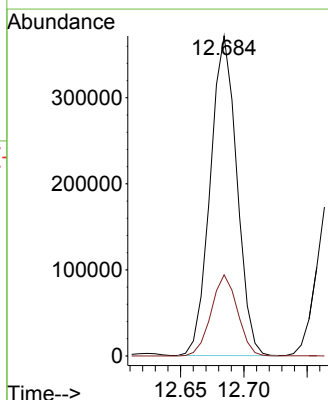
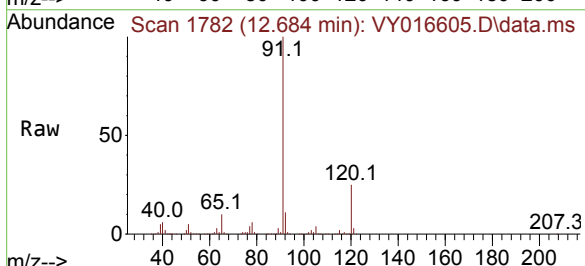
RT: 12.684 min Scan# 1782

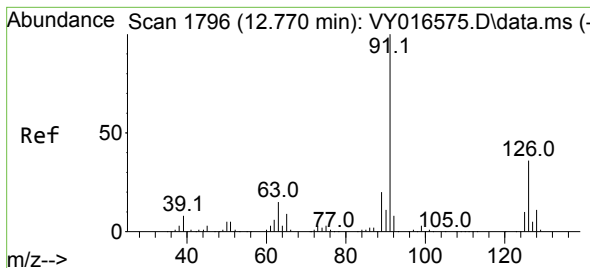
Delta R.T. -0.000 min

Lab File: VY016605.D

Acq: 05 Dec 2023 19:02

Tgt Ion:	91	Resp:	542568
Ion Ratio	Lower	Upper	
91	100		
120	25.1	11.5	34.4





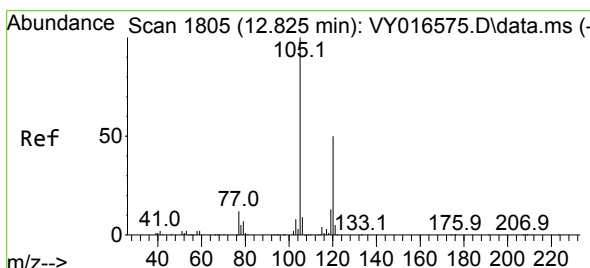
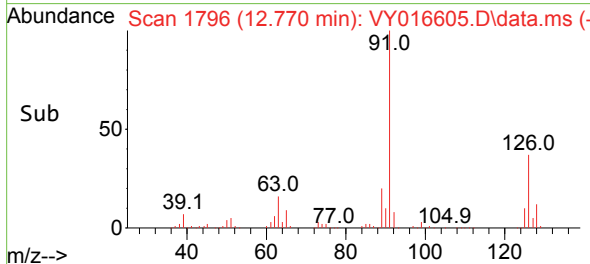
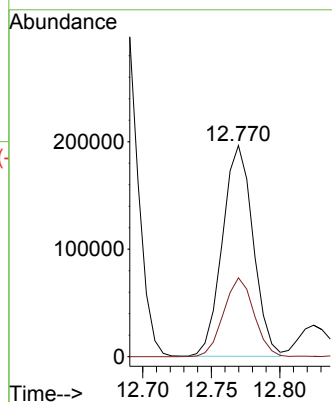
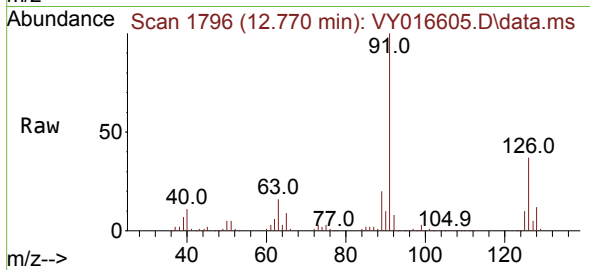
#79
2-Chlorotoluene
Concen: 49.548 ug/l
RT: 12.770 min Scan# 1796
Delta R.T. -0.000 min
Lab File: VY016605.D
Acq: 05 Dec 2023 19:02

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 306700
Ion Ratio Lower Upper
91 100
126 37.1 17.3 51.7

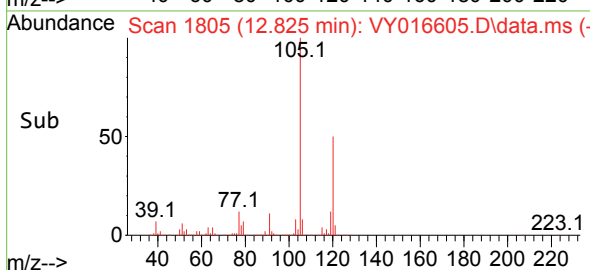
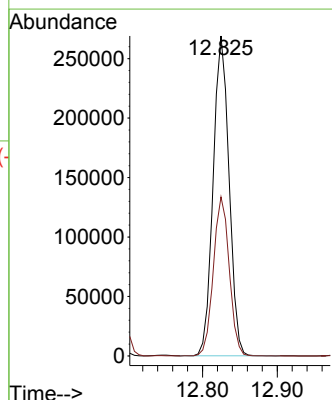
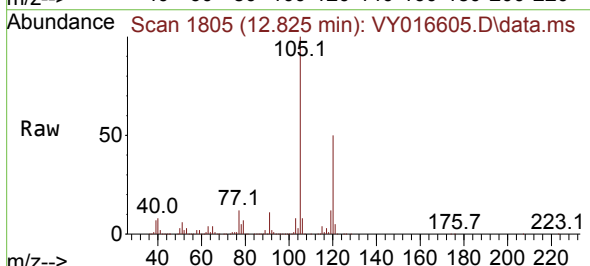
Manual Integrations
APPROVED

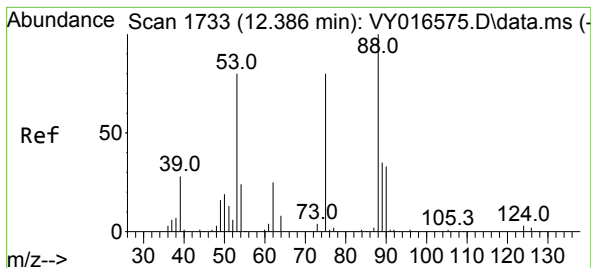
Reviewed By :Semsettin Yesilyurt 12/11/2023
Supervised By :Mahesh Dadoda 12/11/2023



#80
1,3,5-Trimethylbenzene
Concen: 51.837 ug/l
RT: 12.825 min Scan# 1805
Delta R.T. -0.000 min
Lab File: VY016605.D
Acq: 05 Dec 2023 19:02

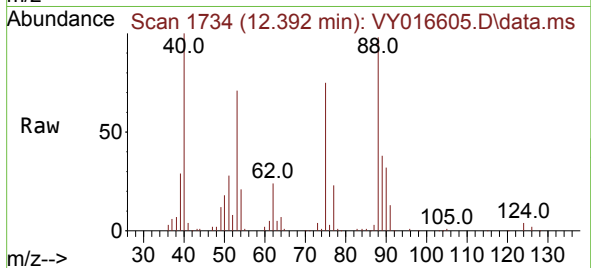
Tgt Ion:105 Resp: 397518
Ion Ratio Lower Upper
105 100
120 49.7 23.9 71.7





#81
trans-1,4-Dichloro-2-butene
Concen: 45.086 ug/l
RT: 12.392 min Scan# 1734
Delta R.T. 0.006 min
Lab File: VY016605.D
Acq: 05 Dec 2023 19:02

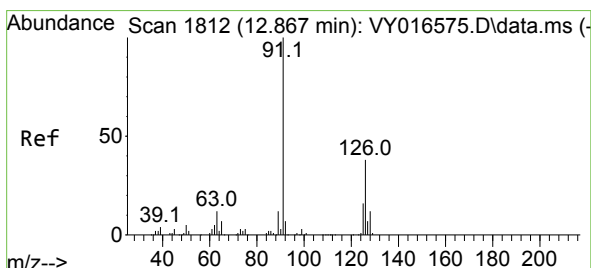
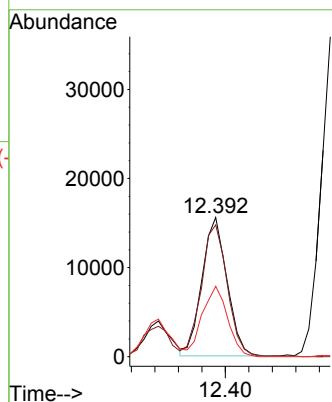
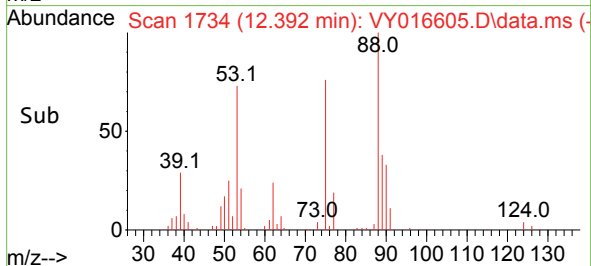
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 2301
Ion Ratio Lower Upper
75 100
53 98.2 77.8 116.8
89 51.1 37.4 56.0

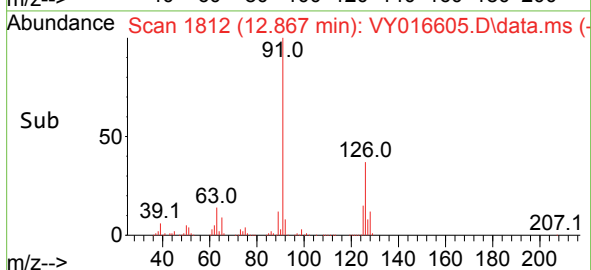
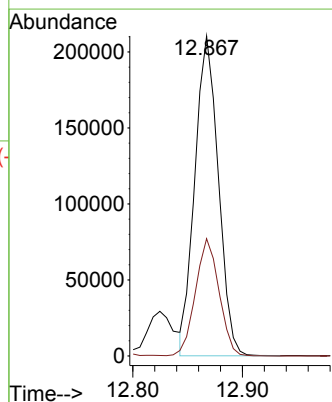
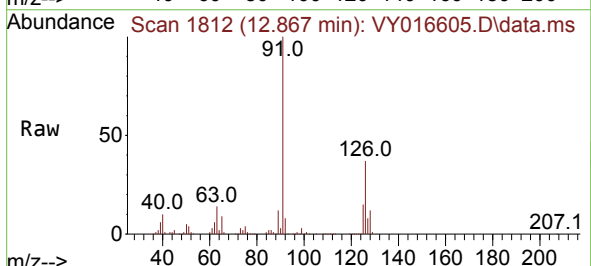
Manual Integrations
APPROVED

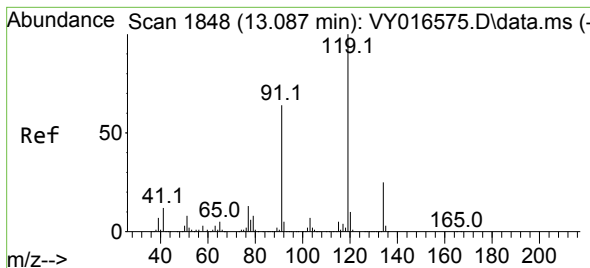
Reviewed By :Semsettin Yesilyurt 12/11/2023
Supervised By :Mahesh Dadoda 12/11/2023



#82
4-Chlorotoluene
Concen: 48.745 ug/l
RT: 12.867 min Scan# 1812
Delta R.T. -0.000 min
Lab File: VY016605.D
Acq: 05 Dec 2023 19:02

Tgt Ion: 91 Resp: 312211
Ion Ratio Lower Upper
91 100
126 36.9 17.2 51.6





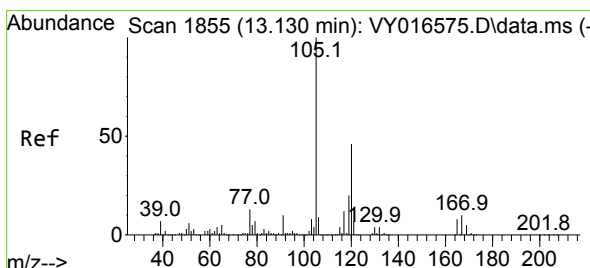
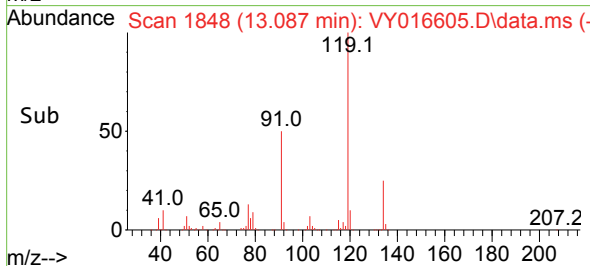
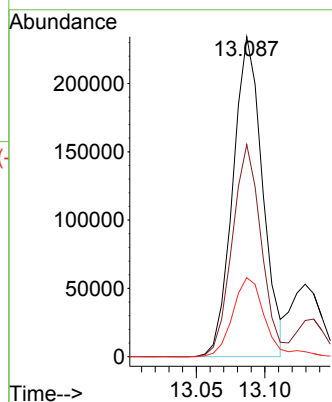
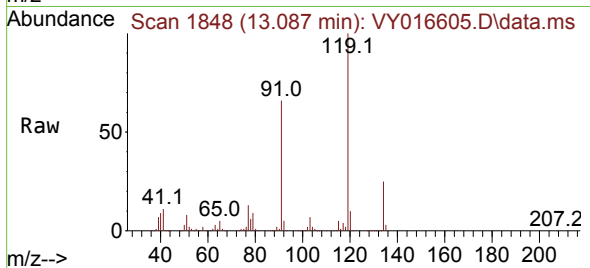
#83
tert-Butylbenzene
Concen: 51.502 ug/l
RT: 13.087 min Scan# 1848
Delta R.T. -0.000 min
Lab File: VY016605.D
Acq: 05 Dec 2023 19:02

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:119 Resp: 35287
Ion Ratio Lower Upper
119 100
91 65.7 32.9 98.6
134 27.1 13.0 38.9

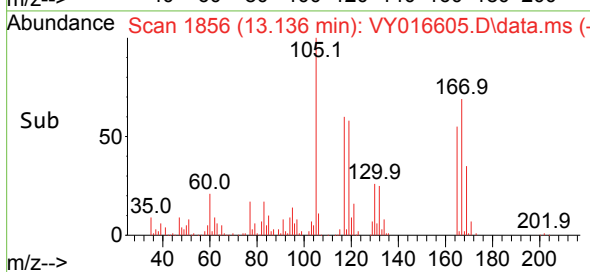
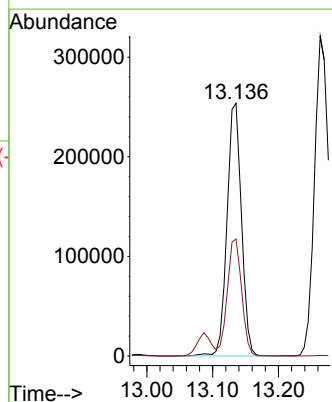
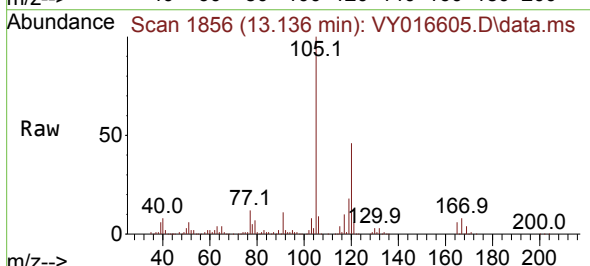
Manual Integrations
APPROVED

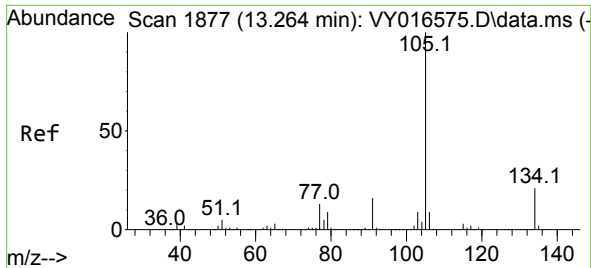
Reviewed By :Semsettin Yesilyurt 12/11/2023
Supervised By :Mahesh Dadoda 12/11/2023



#84
1,2,4-Trimethylbenzene
Concen: 51.696 ug/l
RT: 13.136 min Scan# 1856
Delta R.T. 0.006 min
Lab File: VY016605.D
Acq: 05 Dec 2023 19:02

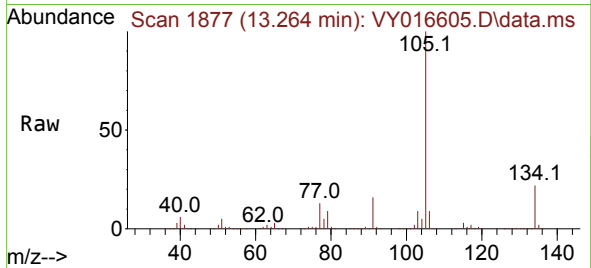
Tgt Ion:105 Resp: 387223
Ion Ratio Lower Upper
105 100
120 46.0 22.2 66.6





#85
 sec-Butylbenzene
 Concen: 50.313 ug/l
 RT: 13.264 min Scan# 1877
 Delta R.T. -0.000 min
 Lab File: VY016605.D
 Acq: 05 Dec 2023 19:02

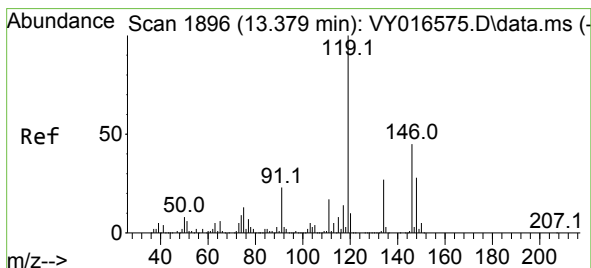
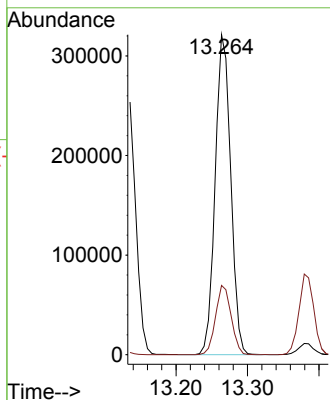
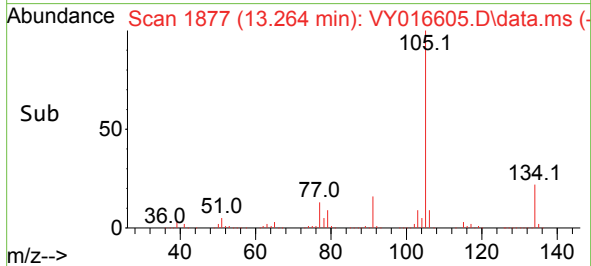
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC



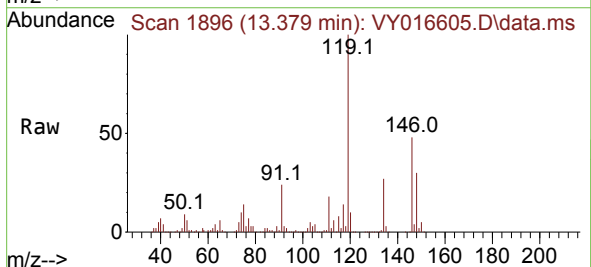
Tgt Ion:105 Resp: 484169
 Ion Ratio Lower Upper
 105 100
 134 21.6 10.2 30.6

Manual Integrations
 APPROVED

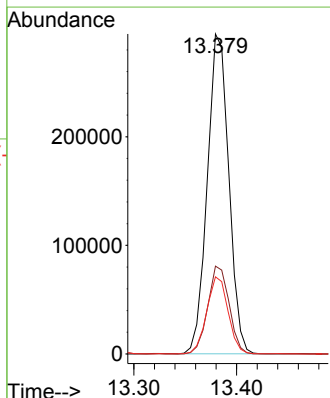
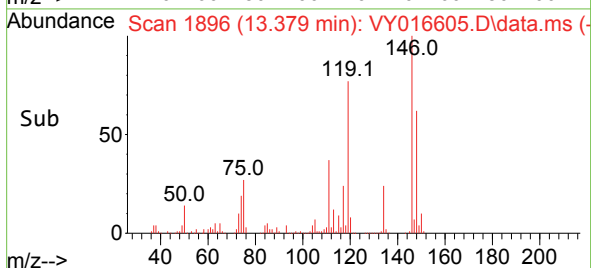
Reviewed By :Semsettin Yesilyurt 12/11/2023
 Supervised By :Mahesh Dadoda 12/11/2023

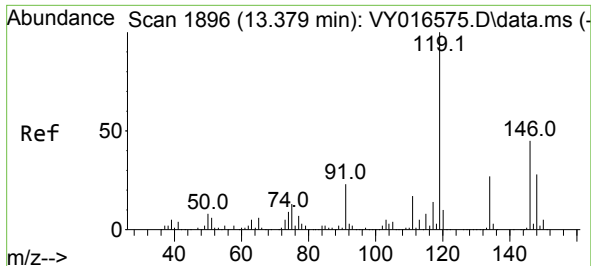


#86
 p-Isopropyltoluene
 Concen: 51.201 ug/l
 RT: 13.379 min Scan# 1896
 Delta R.T. -0.000 min
 Lab File: VY016605.D
 Acq: 05 Dec 2023 19:02



Tgt Ion:119 Resp: 427699
 Ion Ratio Lower Upper
 119 100
 134 27.3 13.3 39.8
 91 23.8 12.4 37.4





#87

1,3-Dichlorobenzene

Concen: 51.069 ug/l

RT: 13.379 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY016605.D

Acq: 05 Dec 2023 19:02

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

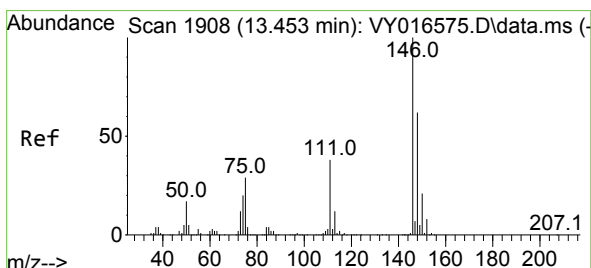
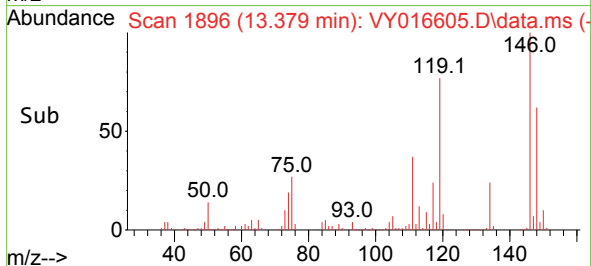
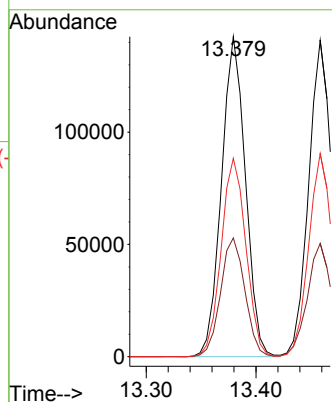
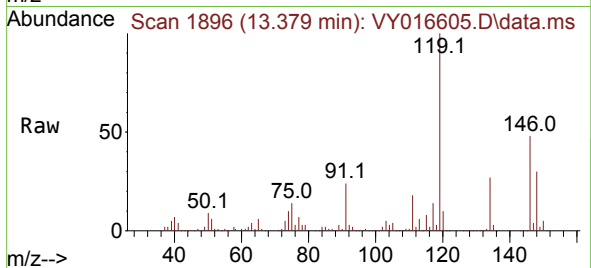
Tgt Ion:146 Resp: 216834

Ion	Ratio	Lower	Upper
146	100		
111	37.7	19.4	58.2
148	63.8	31.9	95.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/11/2023
Supervised By :Mahesh Dadoda 12/11/2023



#88

1,4-Dichlorobenzene

Concen: 50.431 ug/l

RT: 13.459 min Scan# 1909

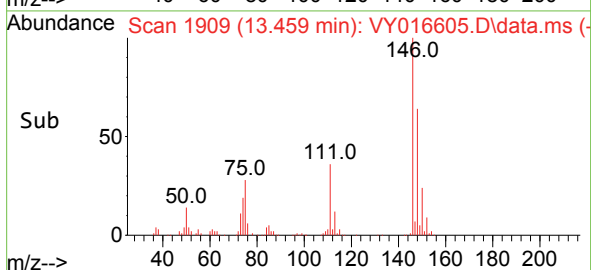
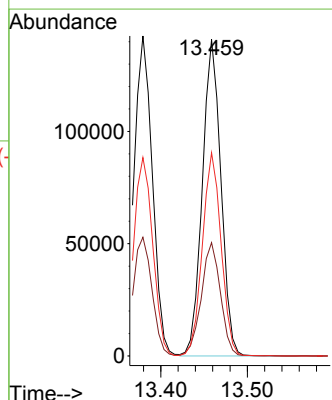
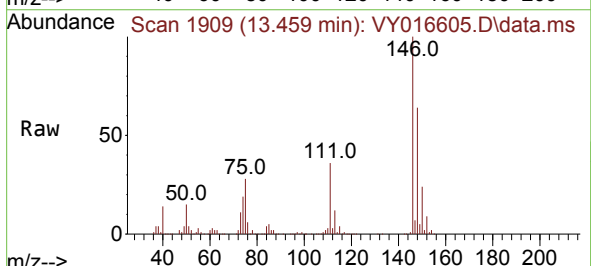
Delta R.T. 0.006 min

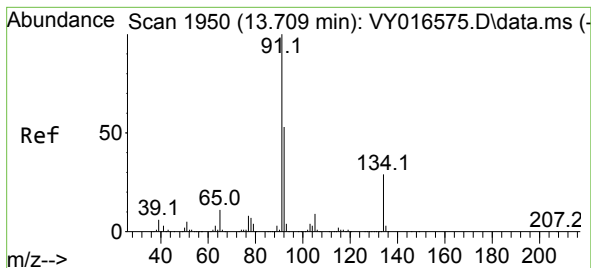
Lab File: VY016605.D

Acq: 05 Dec 2023 19:02

Tgt Ion:146 Resp: 210145

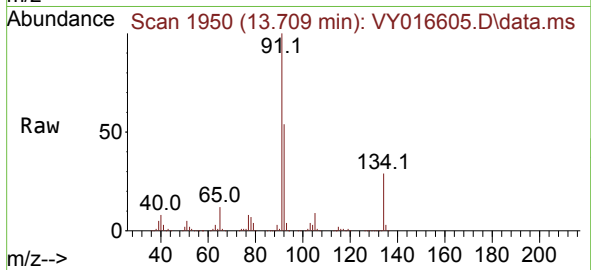
Ion	Ratio	Lower	Upper
146	100		
111	37.0	18.9	56.7
148	64.8	32.1	96.5





#89
n-Butylbenzene
Concen: 49.258 ug/l
RT: 13.709 min Scan# 1950
Delta R.T. -0.000 min
Lab File: VY016605.D
Acq: 05 Dec 2023 19:02

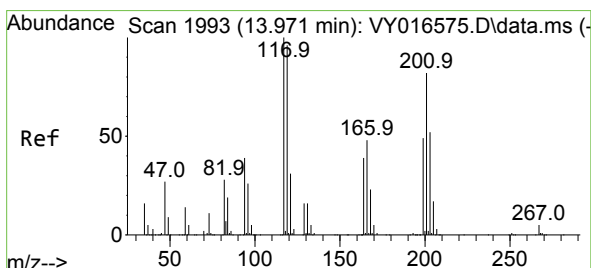
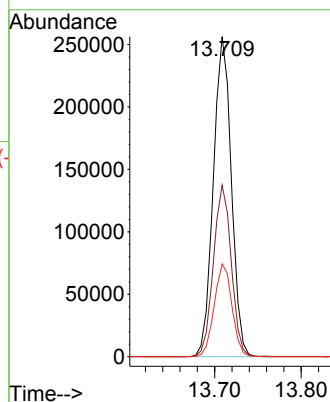
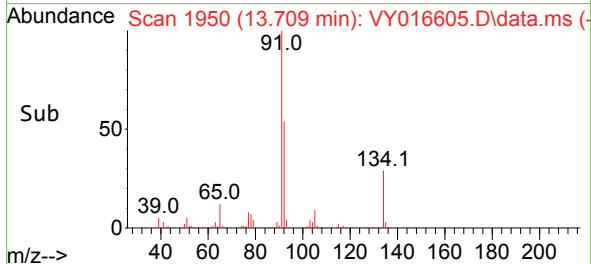
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 370039
Ion Ratio Lower Upper
91 100
92 53.1 25.4 76.0
134 28.5 12.6 37.6

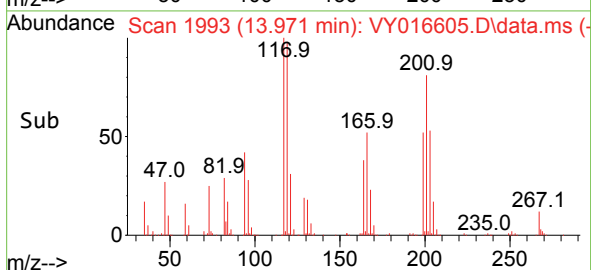
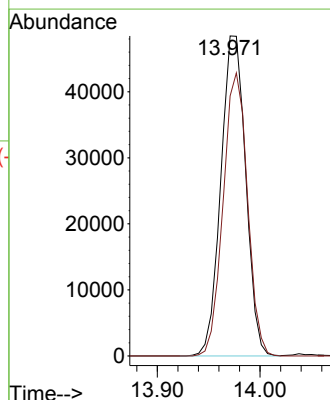
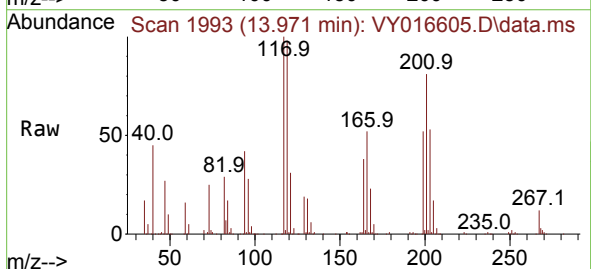
Manual Integrations
APPROVED

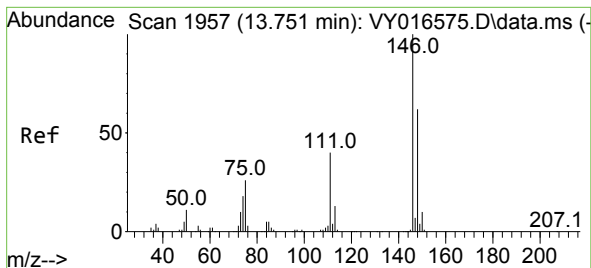
Reviewed By :Semsettin Yesilyurt 12/11/2023
Supervised By :Mahesh Dadoda 12/11/2023



#90
Hexachloroethane
Concen: 49.567 ug/l
RT: 13.971 min Scan# 1993
Delta R.T. -0.000 min
Lab File: VY016605.D
Acq: 05 Dec 2023 19:02

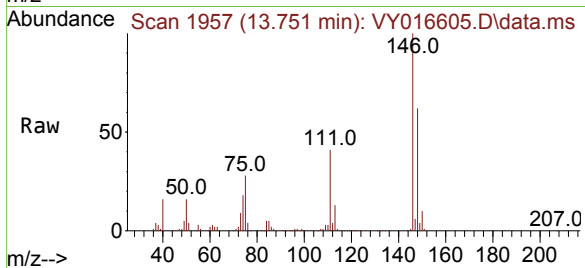
Tgt Ion:117 Resp: 81469
Ion Ratio Lower Upper
117 100
201 86.3 41.6 124.8





#91
1,2-Dichlorobenzene
Concen: 50.847 ug/l
RT: 13.751 min Scan# 1957
Delta R.T. -0.000 min
Lab File: VY016605.D
Acq: 05 Dec 2023 19:02

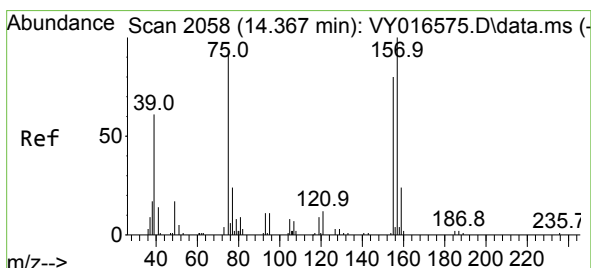
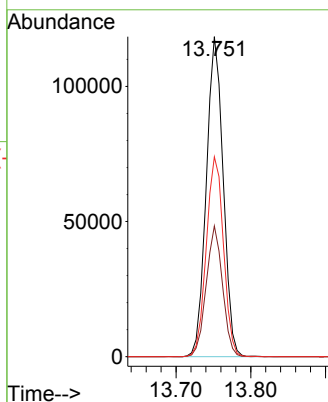
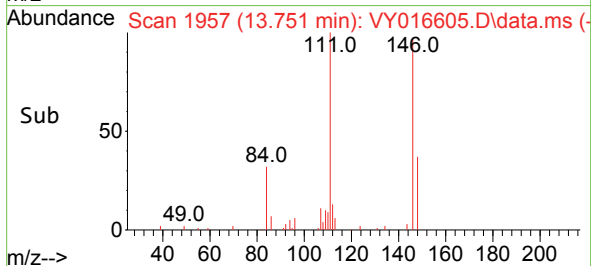
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



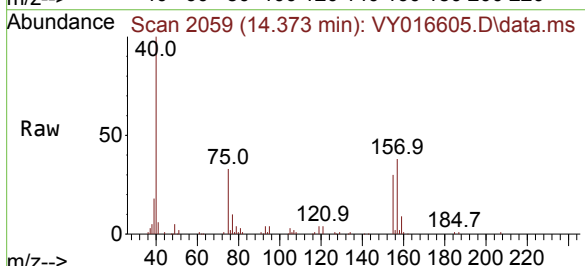
Tgt Ion:146 Resp: 18535
Ion Ratio Lower Upper
146 100
111 39.6 19.7 59.0
148 63.6 32.0 96.2

Manual Integrations
APPROVED

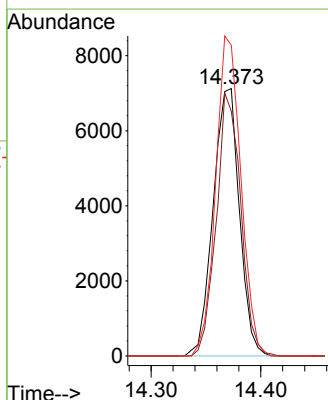
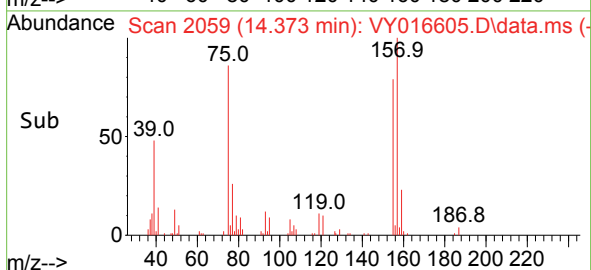
Reviewed By :Semsettin Yesilyurt 12/11/2023
Supervised By :Mahesh Dadoda 12/11/2023

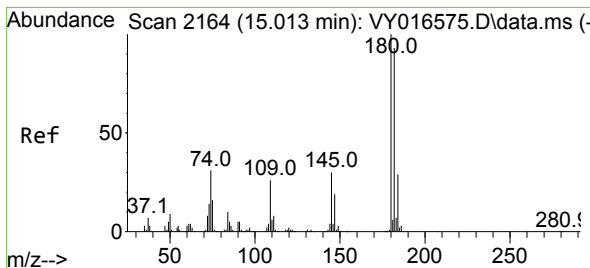


#92
1,2-Dibromo-3-Chloropropane
Concen: 49.315 ug/l
RT: 14.373 min Scan# 2059
Delta R.T. 0.006 min
Lab File: VY016605.D
Acq: 05 Dec 2023 19:02



Tgt Ion: 75 Resp: 11846
Ion Ratio Lower Upper
75 100
155 91.8 41.5 124.6
157 115.0 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 53.117 ug/l

RT: 15.019 min Scan# 2165

Delta R.T. 0.006 min

Lab File: VY016605.D

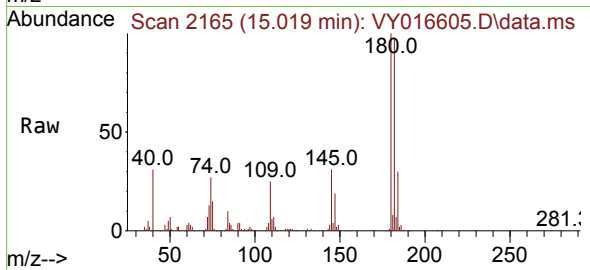
Acq: 05 Dec 2023 19:02

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC



Tgt Ion:180 Resp: 10926

Ion Ratio Lower Upper

180 100

182 95.4 47.0 141.2

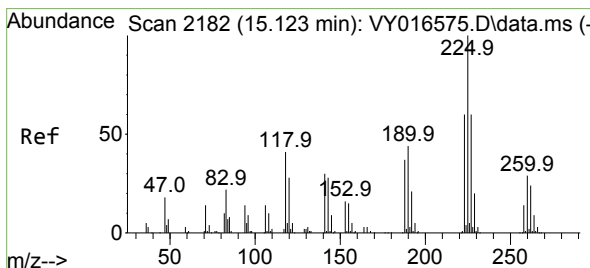
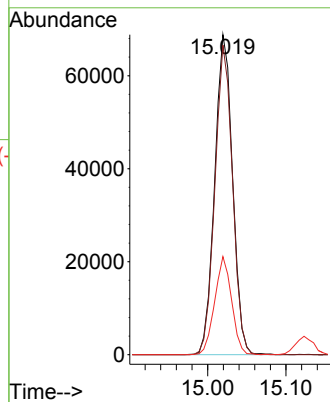
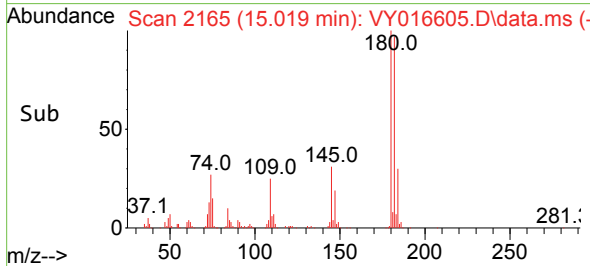
145 29.0 14.5 43.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/11/2023

Supervised By :Mahesh Dadoda 12/11/2023



#94

Hexachlorobutadiene

Concen: 51.404 ug/l

RT: 15.123 min Scan# 2182

Delta R.T. -0.000 min

Lab File: VY016605.D

Acq: 05 Dec 2023 19:02

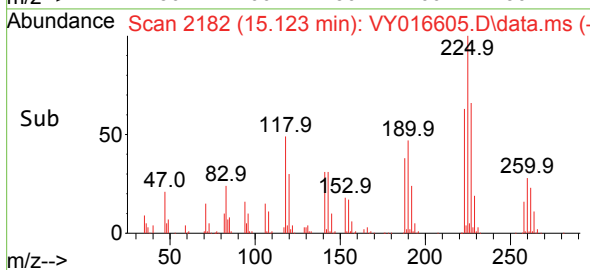
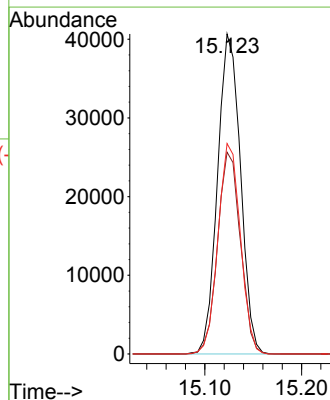
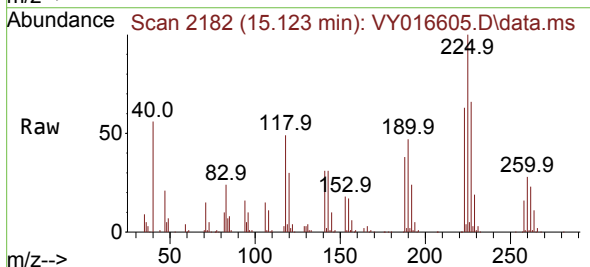
Tgt Ion:225 Resp: 66806

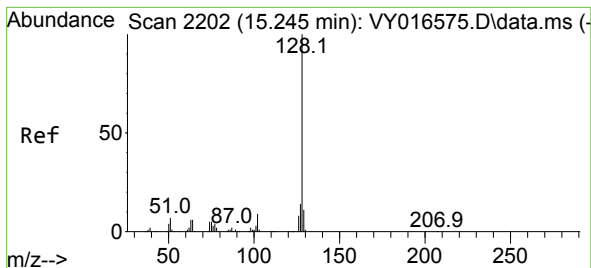
Ion Ratio Lower Upper

225 100

223 62.7 31.9 95.9

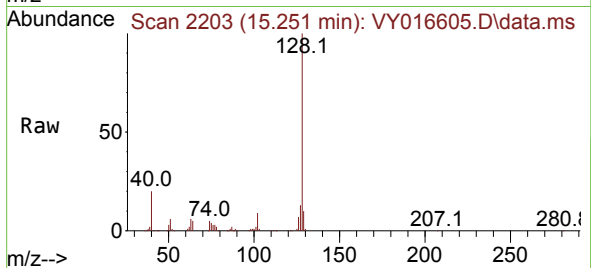
227 64.3 33.0 98.9





#95
Naphthalene
Concen: 53.944 ug/l
RT: 15.251 min Scan# 2202
Delta R.T. 0.006 min
Lab File: VY016605.D
Acq: 05 Dec 2023 19:02

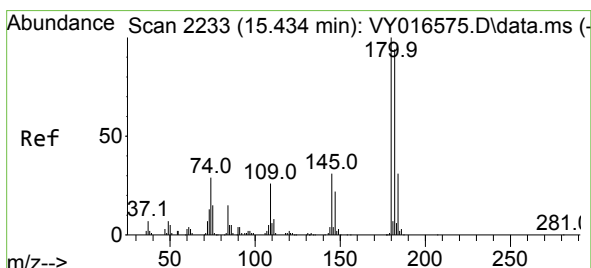
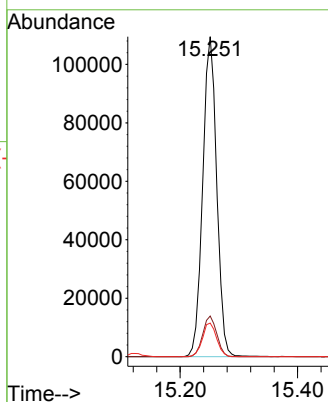
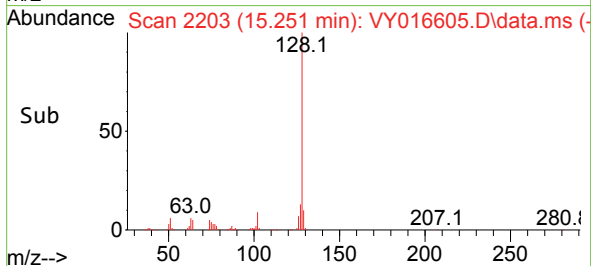
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



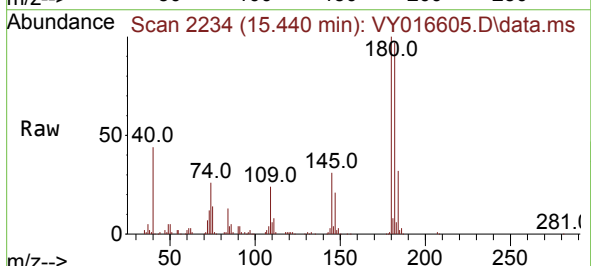
Tgt Ion:128 Resp: 18123
Ion Ratio Lower Upper
128 100
127 12.7 10.8 16.2
129 10.7 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 12/11/2023
Supervised By :Mahesh Dadoda 12/11/2023



#96
1,2,3-Trichlorobenzene
Concen: 54.299 ug/l
RT: 15.440 min Scan# 2234
Delta R.T. 0.006 min
Lab File: VY016605.D
Acq: 05 Dec 2023 19:02



Tgt Ion:180 Resp: 88040
Ion Ratio Lower Upper
180 100
182 94.7 47.3 141.8
145 31.9 15.4 46.2

