

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050124\
 Data File : VY018090.D
 Acq On : 01 May 2024 10:09
 Operator : SY/MD
 Sample : VSTDIC020
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020

Manual Integrations
 APPROVED

Reviewed By :Romaben Patel 05/02/2024
 Supervised By :Semsettin Yesilyurt 05/02/2024

Quant Time: May 01 16:02:37 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050124S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 01 14:41:51 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	362251	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	569529	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	477608	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	219412	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	50047	17.527	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	35.060%#		
35) Dibromofluoromethane	7.716	113	63565	19.422	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	38.840%#		
50) Toluene-d8	10.179	98	246845	19.319	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	38.640%#		
62) 4-Bromofluorobenzene	12.483	95	81028	18.427	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	36.860%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	56404	19.506	ug/l	99
3) Chloromethane	2.107	50	75037	19.860	ug/l	96
4) Vinyl Chloride	2.241	62	79213	19.378	ug/l	95
5) Bromomethane	2.644	94	46700	18.508	ug/l	97
6) Chloroethane	2.790	64	48022	18.863	ug/l	99
7) Trichlorofluoromethane	3.119	101	104696	19.238	ug/l	96
8) Diethyl Ether	3.522	74	30629	17.528	ug/l	94
9) 1,1,2-Trichlorotrifluo...	3.893	101	63515	18.701	ug/l	92
10) Methyl Iodide	4.082	142	85949	19.094	ug/l	97
11) Tert butyl alcohol	4.960	59	18803	82.607	ug/l #	88
12) 1,1-Dichloroethene	3.863	96	64878	18.733	ug/l	95
13) Acrolein	3.723	56	29044	83.850	ug/l	96
14) Allyl chloride	4.466	41	84013	18.348	ug/l	98
15) Acrylonitrile	5.149	53	54322	82.762	ug/l	98
16) Acetone	3.936	43	37727	68.345	ug/l	90
17) Carbon Disulfide	4.186	76	196638	19.015	ug/l	97
18) Methyl Acetate	4.473	43	21487	15.423	ug/l	92
19) Methyl tert-butyl Ether	5.210	73	138867	17.474	ug/l	97
20) Methylene Chloride	4.698	84	68759	18.039	ug/l	96
21) trans-1,2-Dichloroethene	5.216	96	69765	18.950	ug/l	93
22) Diisopropyl ether	6.113	45	166966	17.705	ug/l	98
23) Vinyl Acetate	6.052	43	495596	82.857	ug/l	100
24) 1,1-Dichloroethane	6.009	63	104188	18.296	ug/l	98
25) 2-Butanone	6.978	43	65962	77.945	ug/l	91
26) 2,2-Dichloropropane	6.978	77	99755	18.731	ug/l	97
27) cis-1,2-Dichloroethene	6.978	96	79635	18.138	ug/l	96
28) Bromochloromethane	7.326	49	41166	17.888	ug/l	90
29) Tetrahydrofuran	7.344	42	42296	78.619	ug/l	96
30) Chloroform	7.496	83	112273	18.632	ug/l	97
31) Cyclohexane	7.777	56	101737	18.595	ug/l	85
32) 1,1,1-Trichloroethane	7.698	97	104780	19.051	ug/l	99
36) 1,1-Dichloropropene	7.911	75	82536	18.892	ug/l	96
37) Ethyl Acetate	7.070	43	30391	15.985	ug/l #	93
38) Carbon Tetrachloride	7.899	117	94403	19.038	ug/l	98
39) Methylcyclohexane	9.179	83	123455	19.239	ug/l	97
40) Benzene	8.155	78	264032	18.808	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.301	41	18586	15.595	ug/l	95
42) 1,2-Dichloroethane	8.228	62	57489	17.676	ug/l	97
43) Isopropyl Acetate	8.265	43	67556	16.913	ug/l	97
44) Trichloroethene	8.935	130	76094	19.114	ug/l	92
45) 1,2-Dichloropropane	9.210	63	55744	18.199	ug/l	96
46) Dibromomethane	9.307	93	32092	17.233	ug/l	92
47) Bromodichloromethane	9.490	83	82812	18.114	ug/l	99
48) Methyl methacrylate	9.289	41	32053	17.531	ug/l	91
49) 1,4-Dioxane	9.307	88	6852	331.642	ug/l #	94
51) 4-Methyl-2-Pentanone	10.069	43	161412	82.740	ug/l	97
52) Toluene	10.240	92	174537	18.785	ug/l	97
53) t-1,3-Dichloropropene	10.465	75	77845	17.622	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	94685	18.245	ug/l	95
55) 1,1,2-Trichloroethane	10.642	97	43815	17.493	ug/l	97
56) Ethyl methacrylate	10.508	69	59156	16.705	ug/l #	87
57) 1,3-Dichloropropane	10.789	76	70533	17.627	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.783	63	143208	86.629	ug/l	91
59) 2-Hexanone	10.831	43	109942	78.961	ug/l	96
60) Dibromochloromethane	10.984	129	59070	17.363	ug/l	97
61) 1,2-Dibromoethane	11.087	107	41601	17.333	ug/l	98
64) Tetrachloroethene	10.715	164	67677	19.575	ug/l	98
65) Chlorobenzene	11.514	112	190891	18.936	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.587	131	62642	18.473	ug/l	99
67) Ethyl Benzene	11.593	91	323615	19.143	ug/l	96
68) m/p-Xylenes	11.697	106	258050	38.095	ug/l	97
69) o-Xylene	12.026	106	124099	19.070	ug/l	93
70) Styrene	12.044	104	202766	18.514	ug/l	99
71) Bromoform	12.209	173	33936	17.077	ug/l #	99
73) Isopropylbenzene	12.325	105	318527	19.289	ug/l	98
74) N-amyl acetate	12.142	43	62197	17.160	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.581	83	45945	17.485	ug/l	98
76) 1,2,3-Trichloropropane	12.630	75	31387m	9.216	ug/l	
77) Bromobenzene	12.605	156	73533	18.740	ug/l	90
78) n-propylbenzene	12.672	91	365046	19.197	ug/l	96
79) 2-Chlorotoluene	12.752	91	201278	18.637	ug/l	95
80) 1,3,5-Trimethylbenzene	12.813	105	250103	18.792	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.380	75	17254	17.070	ug/l	98
82) 4-Chlorotoluene	12.855	91	204177	18.449	ug/l	95
83) tert-Butylbenzene	13.075	119	236654	19.422	ug/l	98
84) 1,2,4-Trimethylbenzene	13.117	105	244411	18.746	ug/l	97
85) sec-Butylbenzene	13.252	105	341455	19.528	ug/l	97
86) p-Isopropyltoluene	13.367	119	281649	19.328	ug/l	97
87) 1,3-Dichlorobenzene	13.367	146	141304	18.828	ug/l	100
88) 1,4-Dichlorobenzene	13.447	146	138965	18.787	ug/l	99
89) n-Butylbenzene	13.697	91	251015	19.465	ug/l	98
90) Hexachloroethane	13.959	117	56349	19.033	ug/l	97
91) 1,2-Dichlorobenzene	13.739	146	120837	18.478	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	6820	17.206	ug/l	97
93) 1,2,4-Trichlorobenzene	15.007	180	69898	19.124	ug/l	99
94) Hexachlorobutadiene	15.111	225	40937	20.234	ug/l	97
95) Naphthalene	15.233	128	117837	17.510	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	57452	18.838	ug/l	98

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

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Manual Integrations

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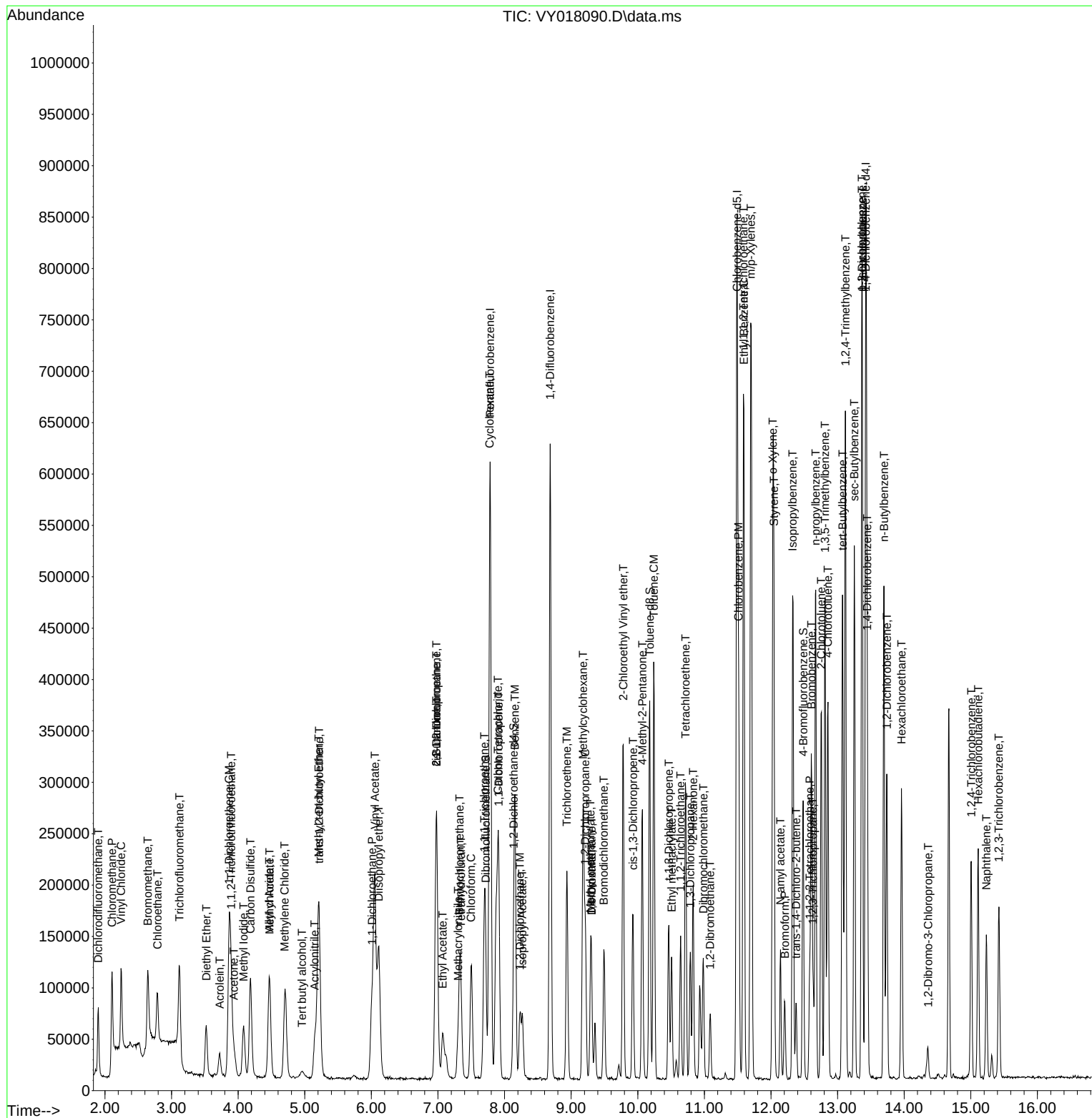
Quant Time: May 01 16:02:37 2024

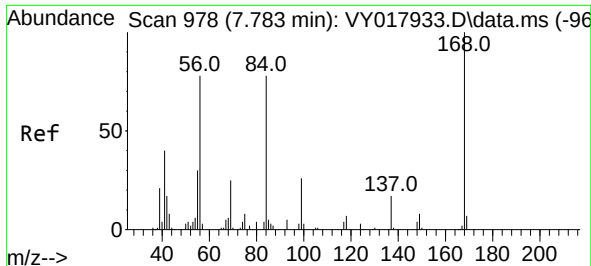
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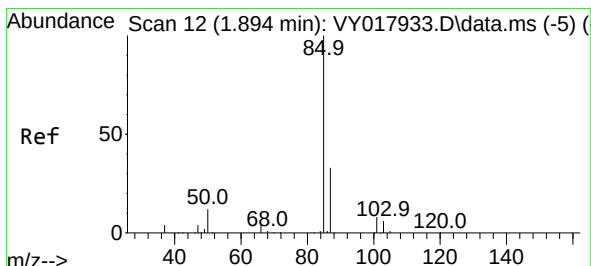
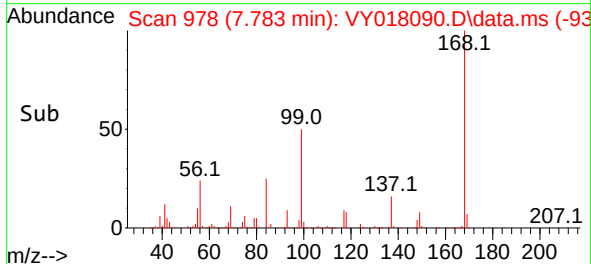
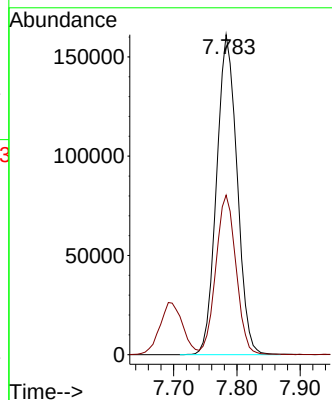
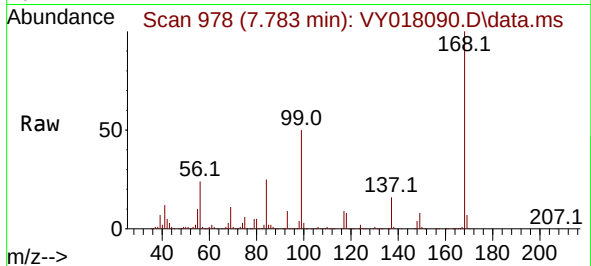
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY018090.D
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Tgt Ion:168 Resp: 36225
Ion Ratio Lower Upper
168 100
99 49.7 39.1 58.7

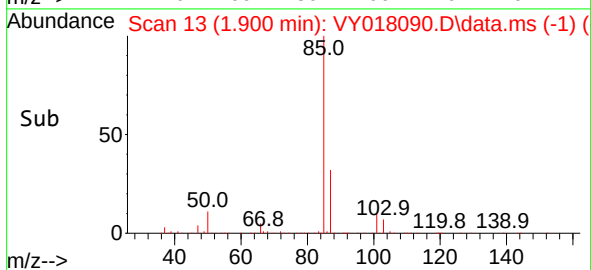
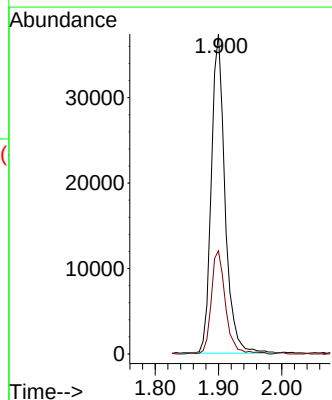
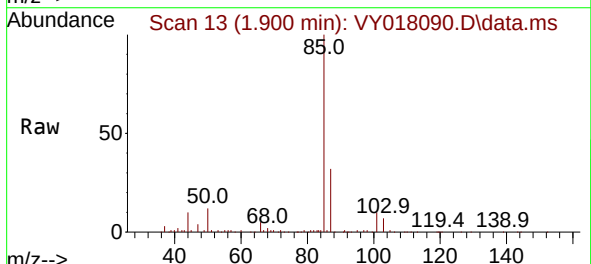
Manual Integrations
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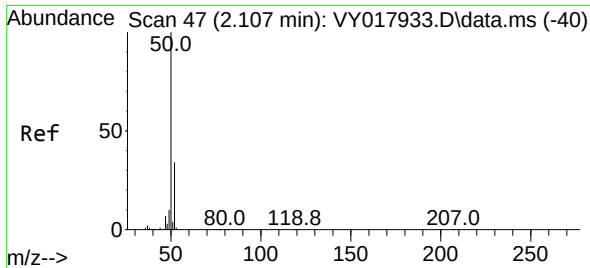
Reviewed By :Romaben Patel 05/02/2024
Supervised By :Semsettin Yesilyurt 05/02/2024



#2
Dichlorodifluoromethane
Concen: 19.506 ug/l
RT: 1.900 min Scan# 13
Delta R.T. -0.000 min
Lab File: VY018090.D
Acq: 01 May 2024 10:09

Tgt Ion: 85 Resp: 56404
Ion Ratio Lower Upper
85 100
87 32.4 16.0 48.0





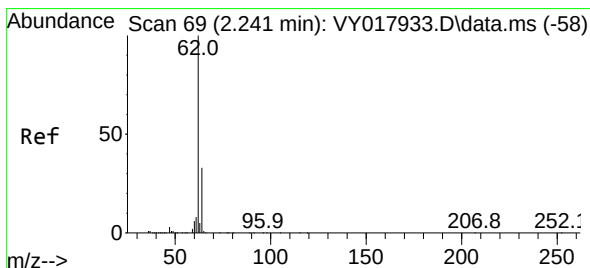
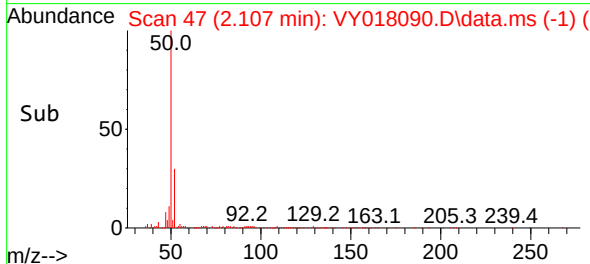
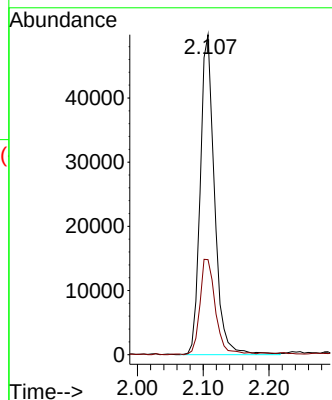
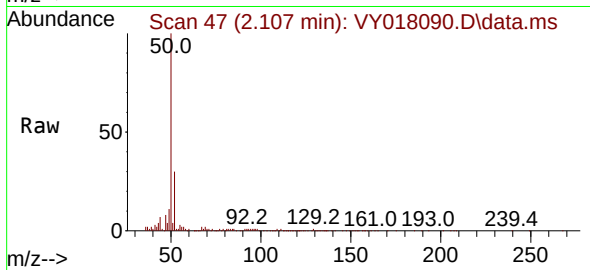
#3
Chloromethane
Concen: 19.860 ug/l
RT: 2.107 min Scan# 47
Delta R.T. -0.006 min
Lab File: VY018090.D
Acq: 01 May 2024 10:09

Instrument :
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VSTDICC020

Tgt Ion: 50 Resp: 7503
Ion Ratio Lower Upper
50 100
52 29.5 25.6 38.4

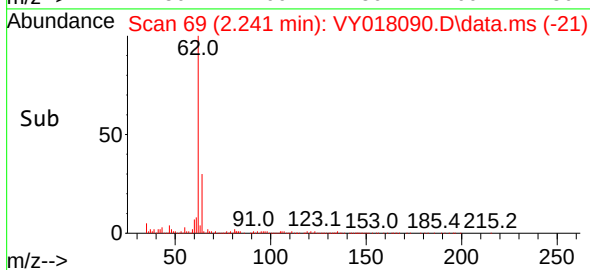
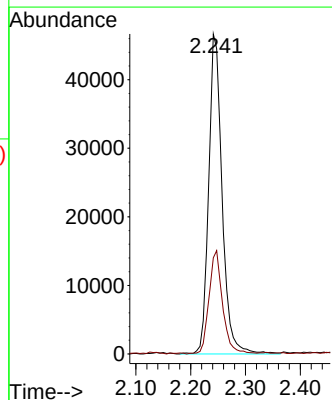
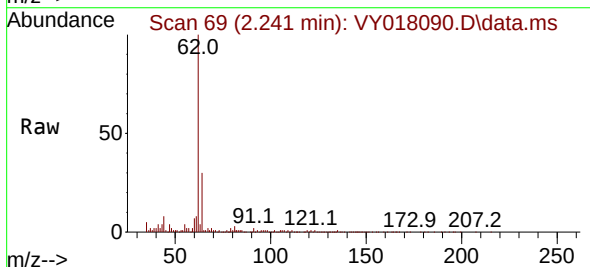
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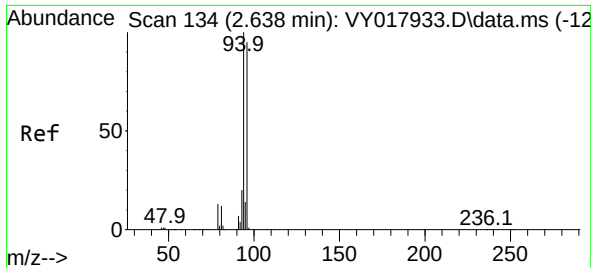
Reviewed By :Romaben Patel 05/02/2024
Supervised By :Semsettin Yesilyurt 05/02/2024



#4
Vinyl Chloride
Concen: 19.378 ug/l
RT: 2.241 min Scan# 69
Delta R.T. -0.006 min
Lab File: VY018090.D
Acq: 01 May 2024 10:09

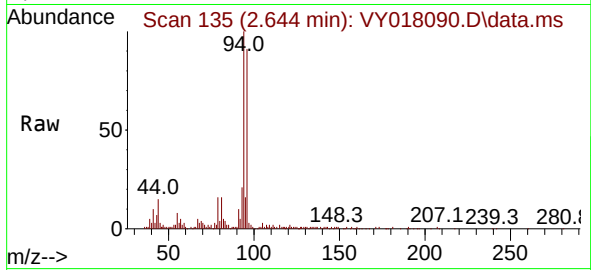
Tgt Ion: 62 Resp: 79213
Ion Ratio Lower Upper
62 100
64 29.8 26.1 39.1





#5
Bromomethane
Concen: 18.508 ug/l
RT: 2.644 min Scan# 11
Delta R.T. -0.005 min
Lab File: VY018090.D
Acq: 01 May 2024 10:09

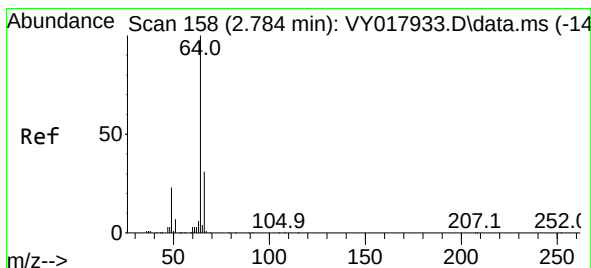
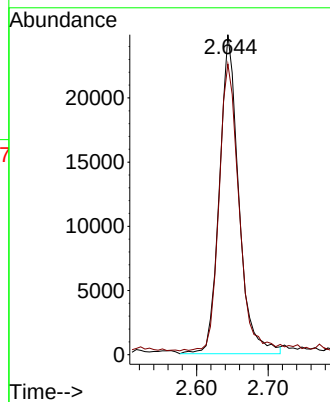
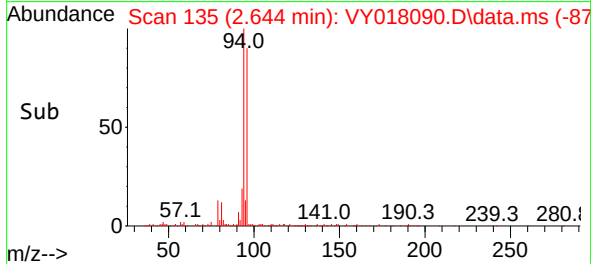
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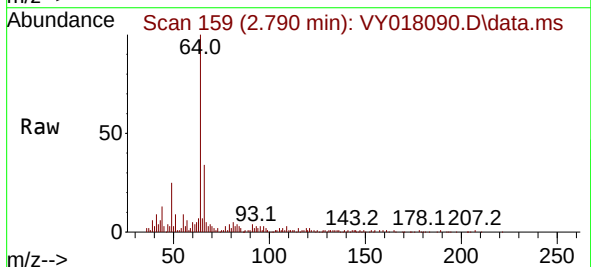
Tgt Ion: 94 Resp: 46700
Ion Ratio Lower Upper
94 100
96 89.9 74.1 111.1

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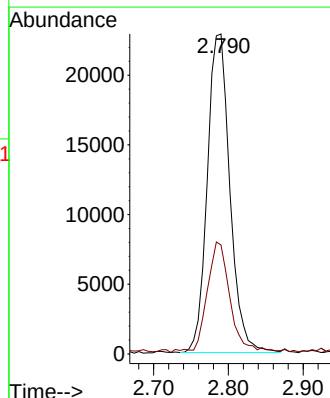
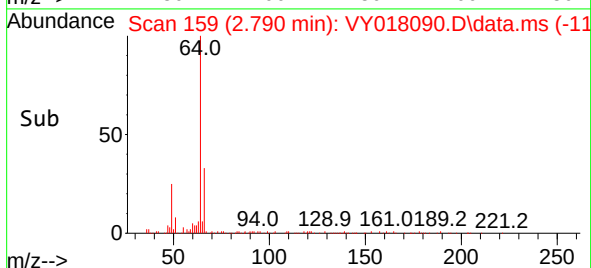
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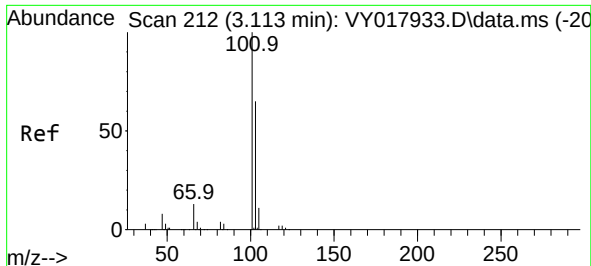


#6
Chloroethane
Concen: 18.863 ug/l
RT: 2.790 min Scan# 159
Delta R.T. -0.000 min
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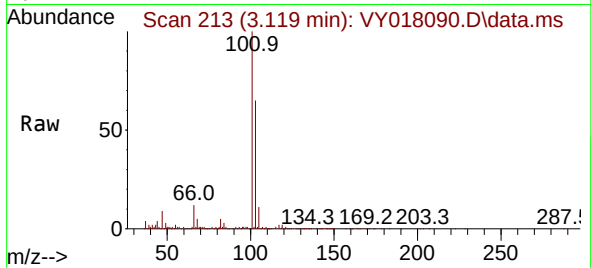
Tgt Ion: 64 Resp: 48022
Ion Ratio Lower Upper
64 100
66 33.2 26.1 39.1





#7
Trichlorofluoromethane
Concen: 19.238 ug/l
RT: 3.119 min Scan# 212
Delta R.T. -0.006 min
Lab File: VY018090.D
Acq: 01 May 2024 10:09

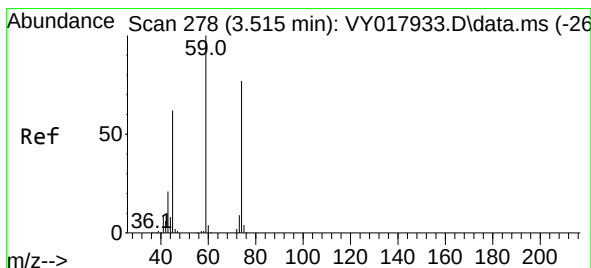
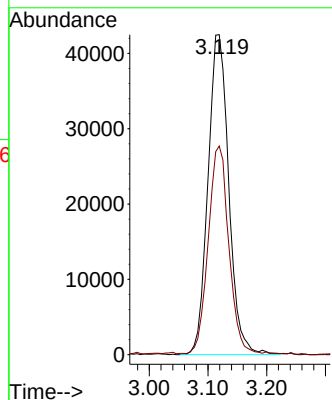
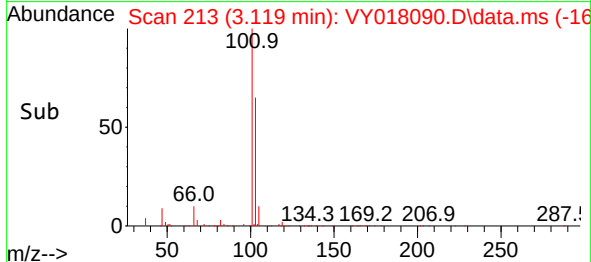
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Tgt Ion:101 Resp: 104690
Ion Ratio Lower Upper
101 100
103 64.9 49.3 73.9

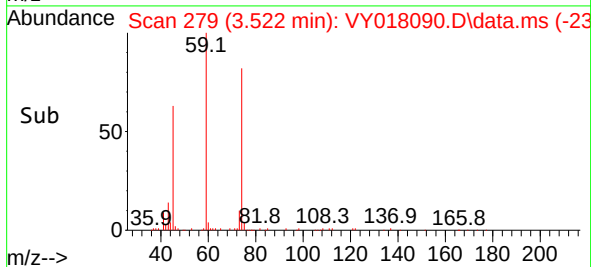
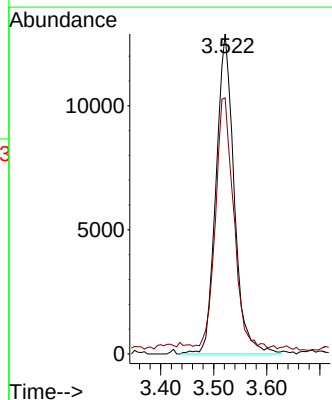
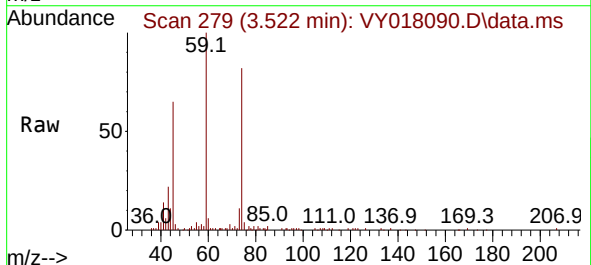
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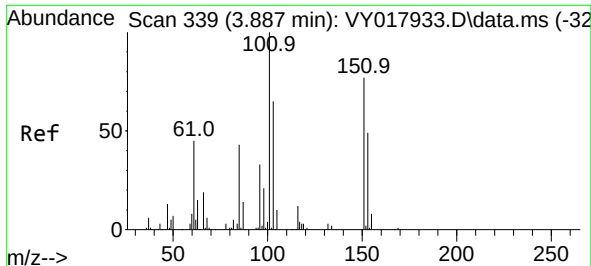
Reviewed By :Romaben Patel 05/02/2024
Supervised By :Semsettin Yesilyurt 05/02/2024



#8
Diethyl Ether
Concen: 17.528 ug/l
RT: 3.522 min Scan# 279
Delta R.T. -0.005 min
Lab File: VY018090.D
Acq: 01 May 2024 10:09

Tgt Ion: 74 Resp: 30629
Ion Ratio Lower Upper
74 100
45 77.4 41.3 124.1





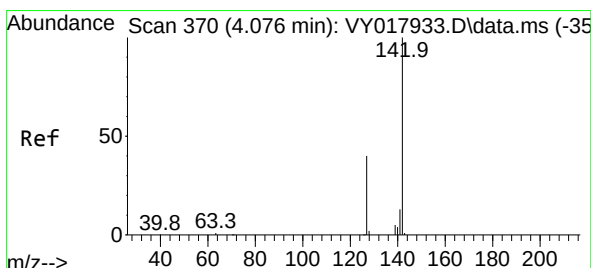
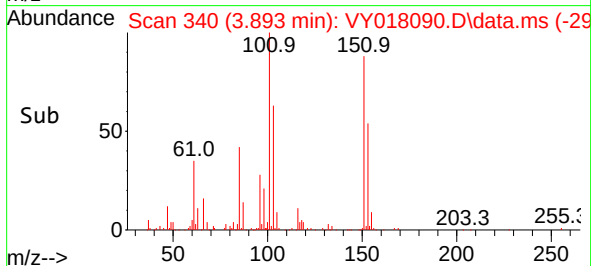
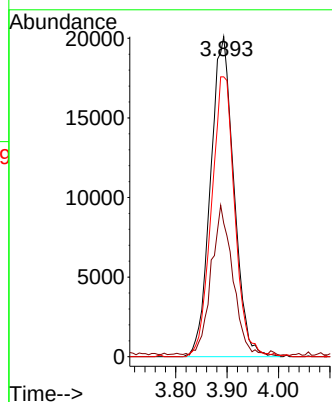
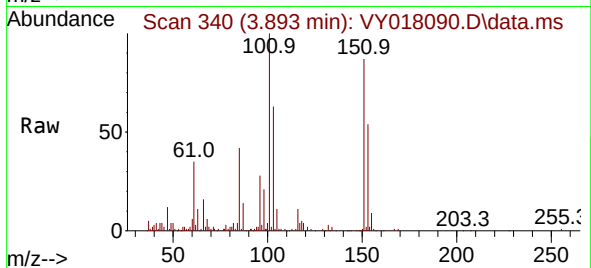
#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.701 ug/l
RT: 3.893 min Scan# 341
Delta R.T. -0.006 min
Lab File: VY018090.D
Acq: 01 May 2024 10:09

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion:101 Resp: 6351
Ion Ratio Lower Upper
101 100
85 42.4 34.5 51.7
151 87.3 61.7 92.5

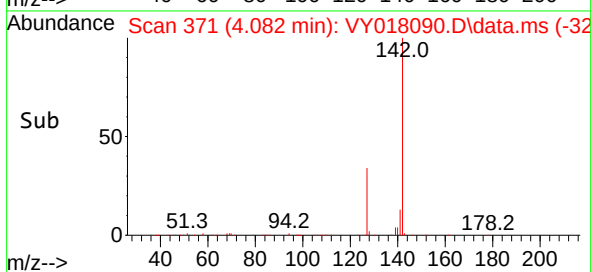
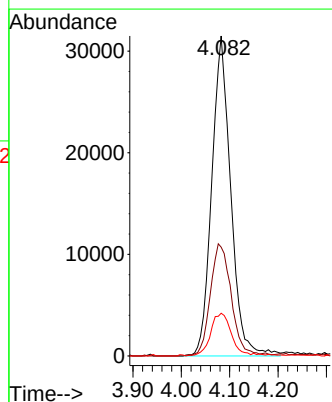
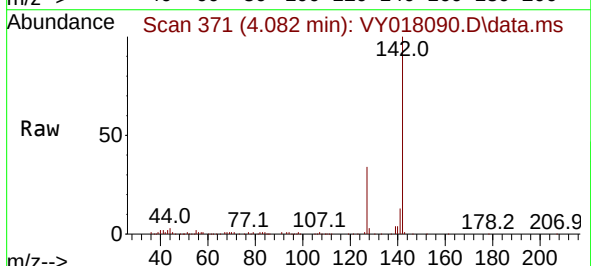
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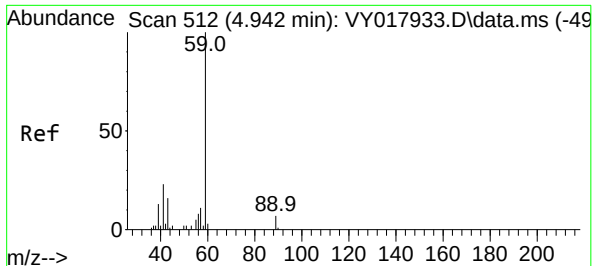
Reviewed By :Romaben Patel 05/02/2024
Supervised By :Semsettin Yesilyurt 05/02/2024



#10
Methyl Iodide
Concen: 19.094 ug/l
RT: 4.082 min Scan# 371
Delta R.T. -0.006 min
Lab File: VY018090.D
Acq: 01 May 2024 10:09

Tgt Ion:142 Resp: 85949
Ion Ratio Lower Upper
142 100
127 38.7 32.8 49.2
141 14.8 11.4 17.2





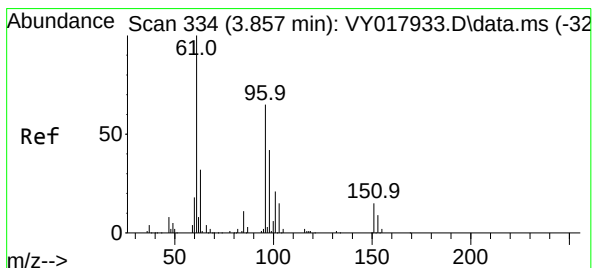
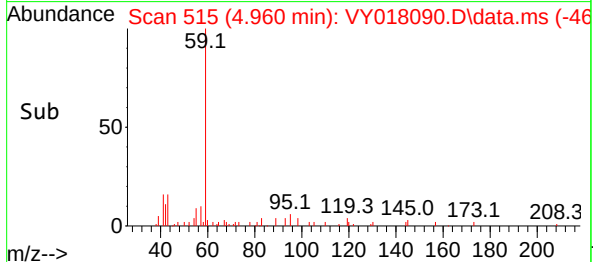
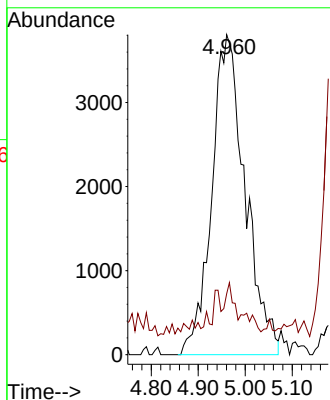
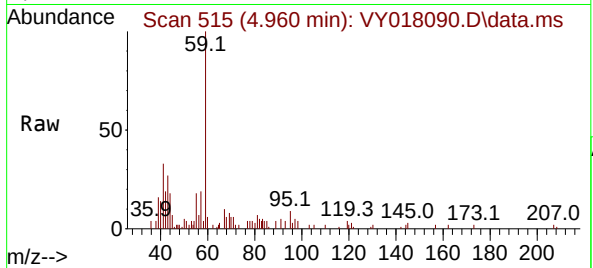
#11
Tert butyl alcohol
Concen: 82.607 ug/l
RT: 4.960 min Scan# 512
Delta R.T. 0.006 min
Lab File: VY018090.D
Acq: 01 May 2024 10:09

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion: 59 Resp: 1880
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.6

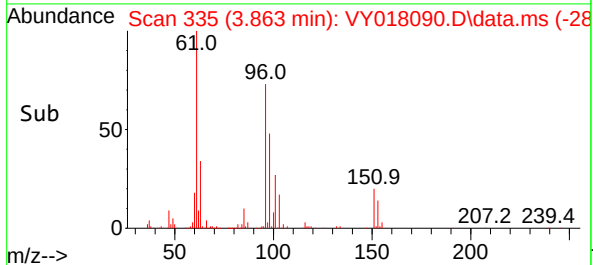
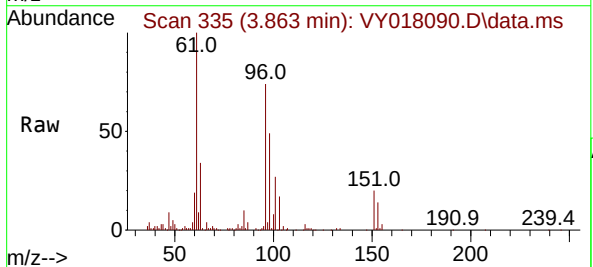
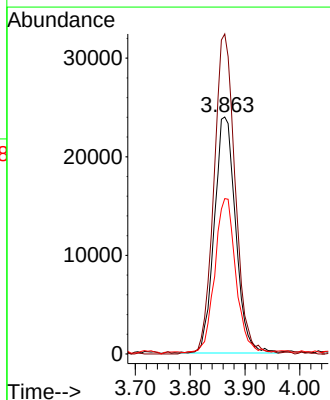
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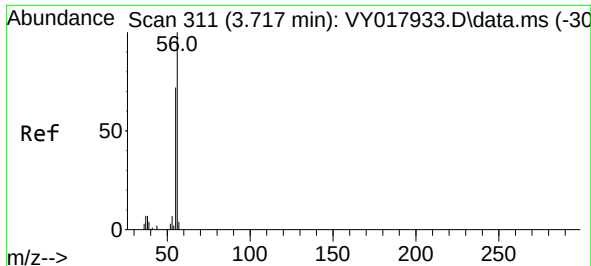
Reviewed By :Romaben Patel 05/02/2024
Supervised By :Semsettin Yesilyurt 05/02/2024



#12
1,1-Dichloroethene
Concen: 18.733 ug/l
RT: 3.863 min Scan# 335
Delta R.T. -0.012 min
Lab File: VY018090.D
Acq: 01 May 2024 10:09

Tgt Ion: 96 Resp: 64878
Ion Ratio Lower Upper
96 100
61 135.6 114.6 171.8
98 65.0 50.8 76.2





#13

Acrolein

Concen: 83.850 ug/l

RT: 3.723 min Scan# 311

Delta R.T. -0.006 min

Lab File: VY018090.D

Acq: 01 May 2024 10:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

Tgt Ion: 56 Resp: 2904

Ion Ratio Lower Upper

56 100

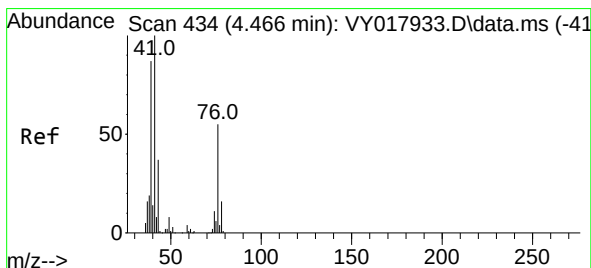
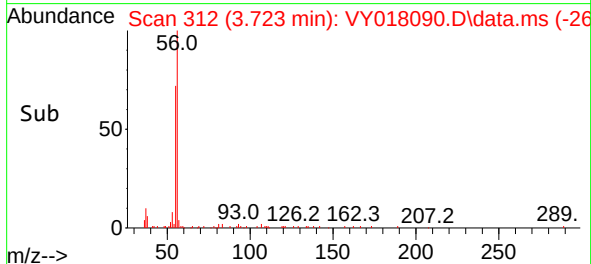
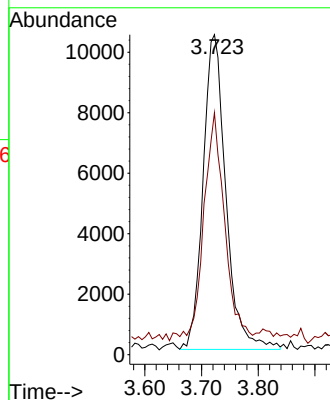
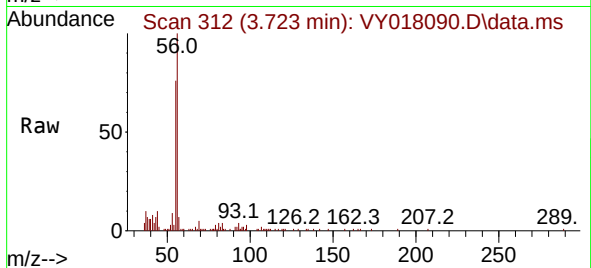
55 66.1 55.7 83.5

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 05/02/2024

Supervised By :Semsettin Yesilyurt 05/02/2024



#14

Allyl chloride

Concen: 18.348 ug/l

RT: 4.466 min Scan# 434

Delta R.T. -0.011 min

Lab File: VY018090.D

Acq: 01 May 2024 10:09

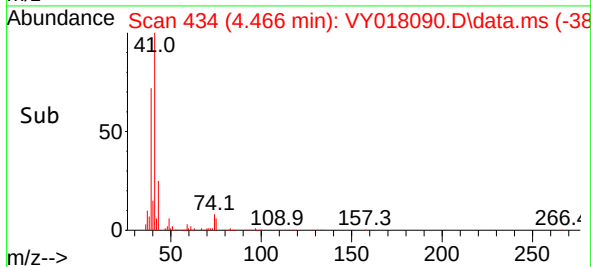
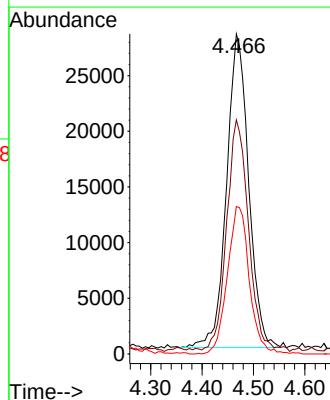
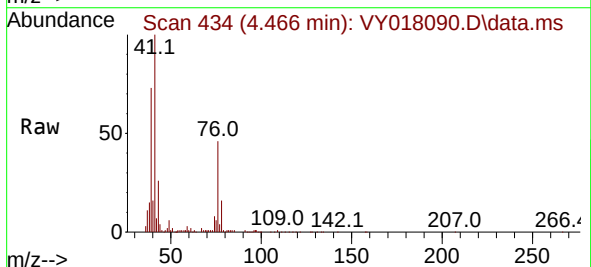
Tgt Ion: 41 Resp: 84013

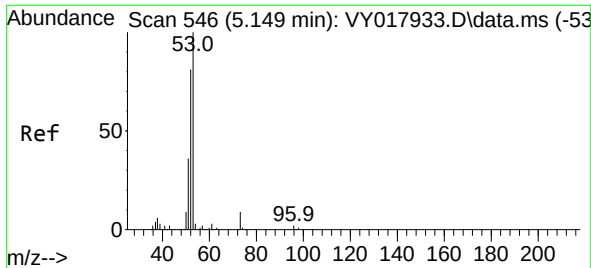
Ion Ratio Lower Upper

41 100

39 71.9 58.3 87.5

76 46.8 39.0 58.6





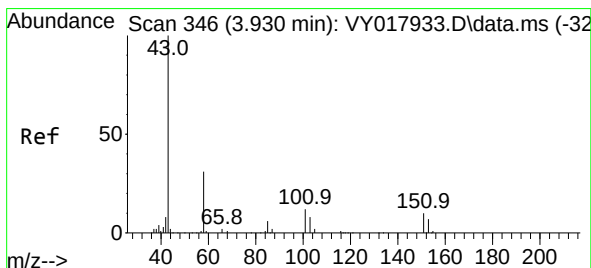
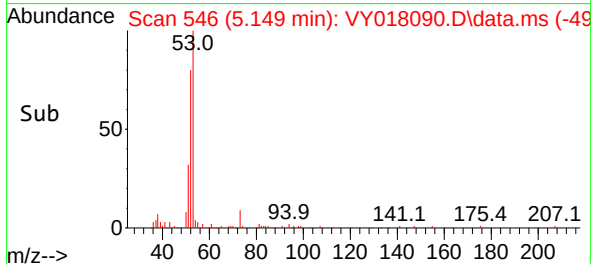
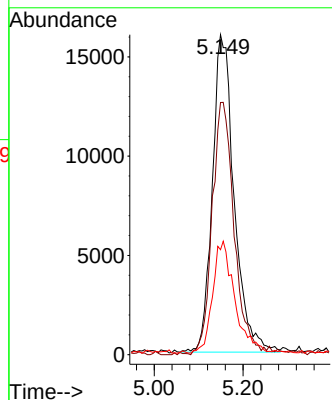
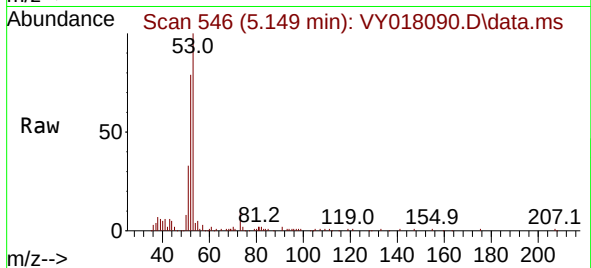
#15
Acrylonitrile
Concen: 82.762 ug/l
RT: 5.149 min Scan# 546
Delta R.T. -0.012 min
Lab File: VY018090.D
Acq: 01 May 2024 10:09

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion: 53 Resp: 5432
Ion Ratio Lower Upper
53 100
52 78.9 64.7 97.1
51 35.7 28.4 42.6

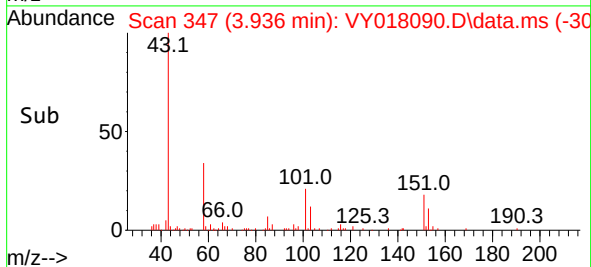
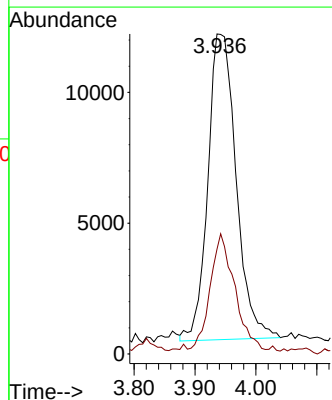
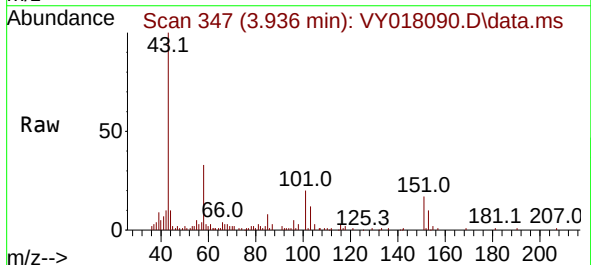
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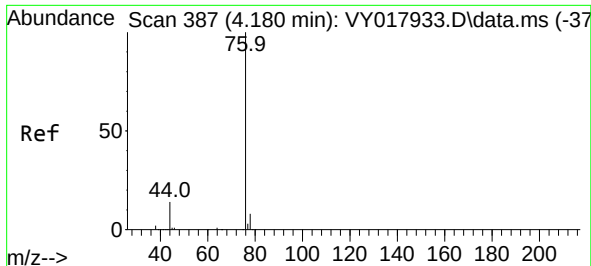
Reviewed By :Romaben Patel 05/02/2024
Supervised By :Semsettin Yesilyurt 05/02/2024



#16
Acetone
Concen: 68.345 ug/l
RT: 3.936 min Scan# 347
Delta R.T. -0.012 min
Lab File: VY018090.D
Acq: 01 May 2024 10:09

Tgt Ion: 43 Resp: 37727
Ion Ratio Lower Upper
43 100
58 33.6 31.7 47.5





#17

Carbon Disulfide

Concen: 19.015 ug/l

RT: 4.186 min Scan# 387

Delta R.T. -0.006 min

Lab File: VY018090.D

Acq: 01 May 2024 10:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

Tgt Ion: 76 Resp: 196638

Ion Ratio Lower Upper

76 100

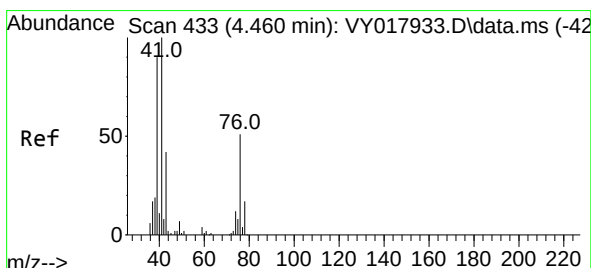
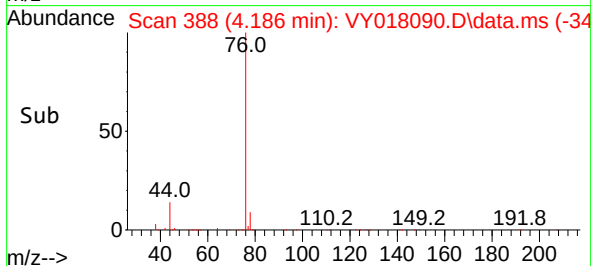
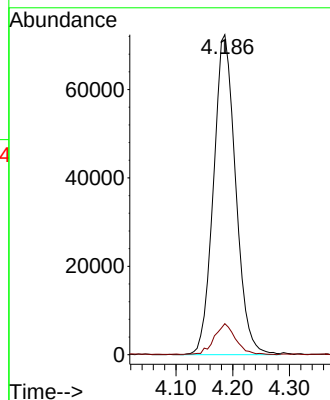
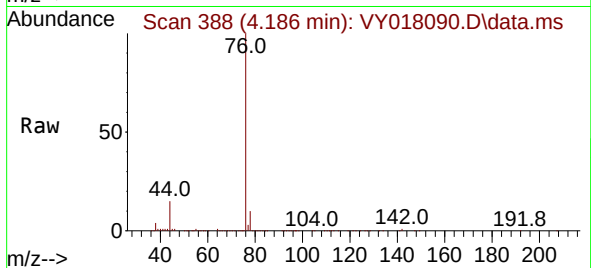
78 9.6 6.8 10.2

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Reviewed By :Romaben Patel 05/02/2024

Supervised By :Semsettin Yesilyurt 05/02/2024



#18

Methyl Acetate

Concen: 15.423 ug/l

RT: 4.473 min Scan# 435

Delta R.T. -0.005 min

Lab File: VY018090.D

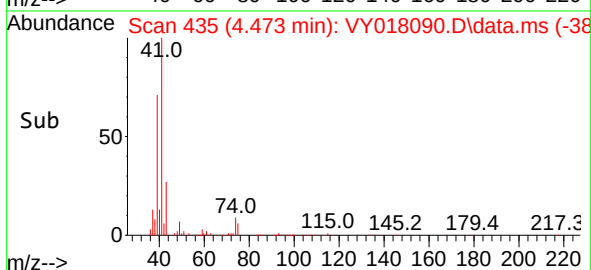
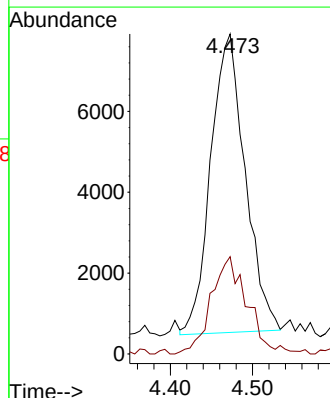
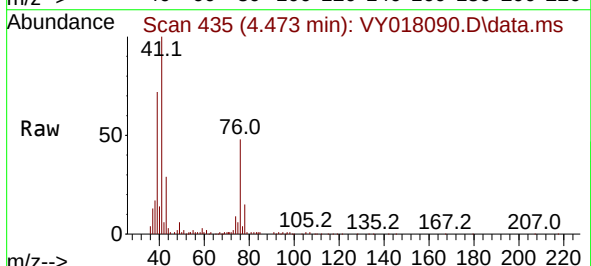
Acq: 01 May 2024 10:09

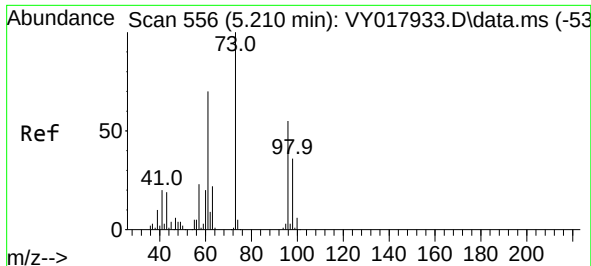
Tgt Ion: 43 Resp: 21487

Ion Ratio Lower Upper

43 100

74 33.3 23.3 34.9





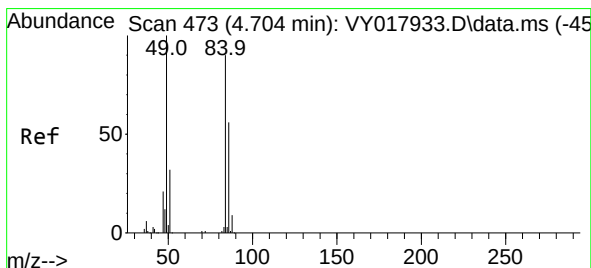
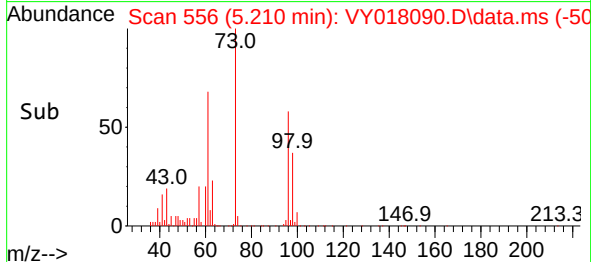
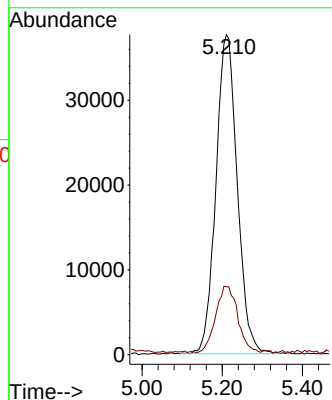
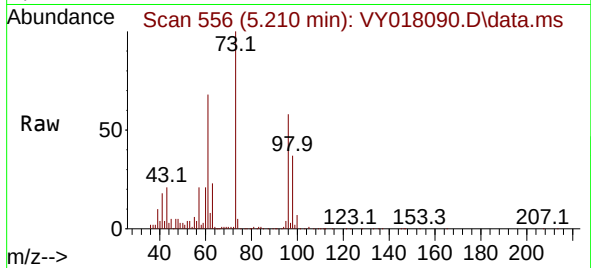
#19
Methyl tert-butyl Ether
Concen: 17.474 ug/l
RT: 5.210 min Scan# 51
Delta R.T. -0.012 min
Lab File: VY018090.D
Acq: 01 May 2024 10:09

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion: 73 Resp: 13886
Ion Ratio Lower Upper
73 100
57 20.4 17.3 25.9

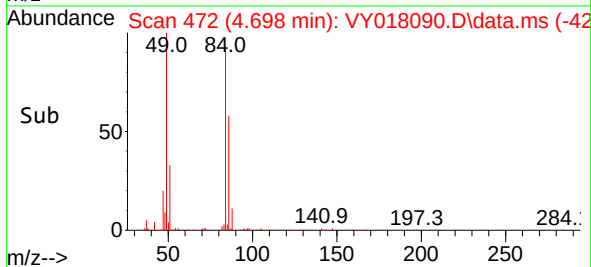
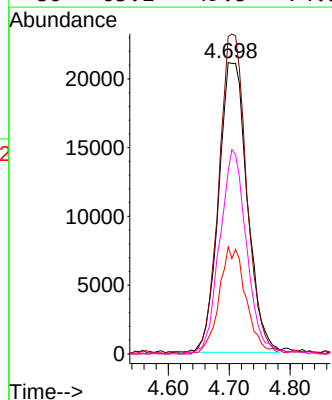
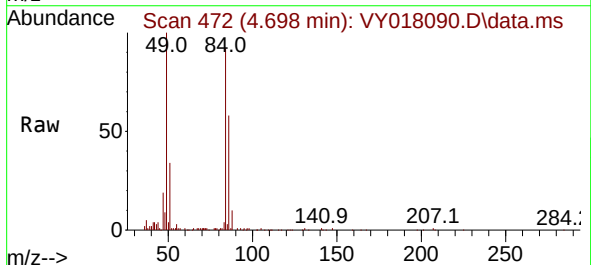
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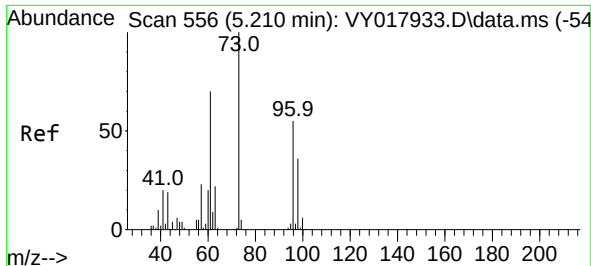
Reviewed By :Romaben Patel 05/02/2024
Supervised By :Semsettin Yesilyurt 05/02/2024



#20
Methylene Chloride
Concen: 18.039 ug/l
RT: 4.698 min Scan# 472
Delta R.T. -0.018 min
Lab File: VY018090.D
Acq: 01 May 2024 10:09

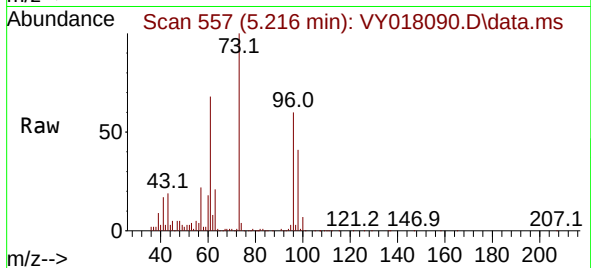
Tgt Ion: 84 Resp: 68759
Ion Ratio Lower Upper
84 100
49 109.6 84.4 126.6
51 36.0 26.0 39.0
86 63.1 49.5 74.3





#21
trans-1,2-Dichloroethene
Concen: 18.950 ug/l
RT: 5.216 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY018090.D
Acq: 01 May 2024 10:09

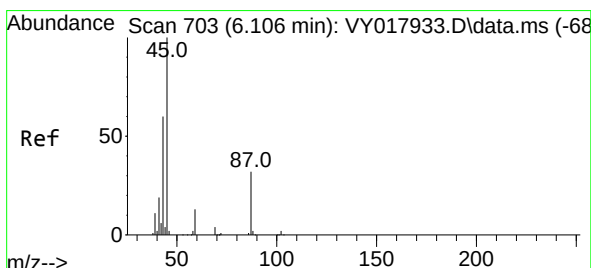
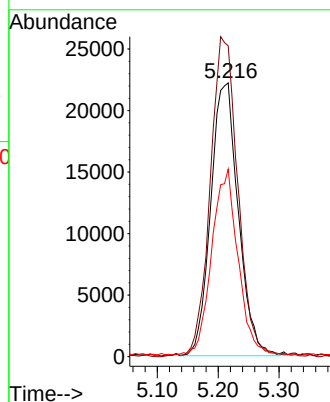
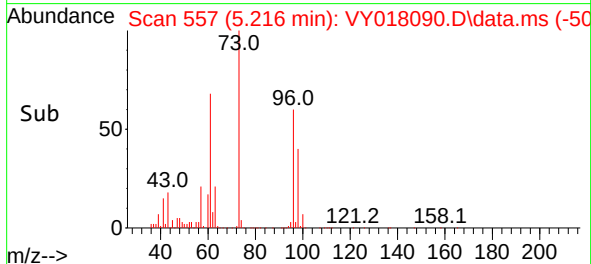
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020



Tgt Ion: 96 Resp: 6976
Ion Ratio Lower Upper
96 100
61 113.4 97.5 146.3
98 67.7 50.5 75.7

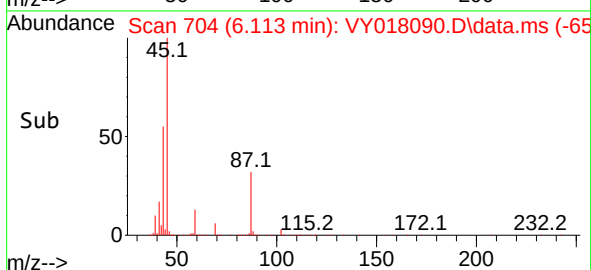
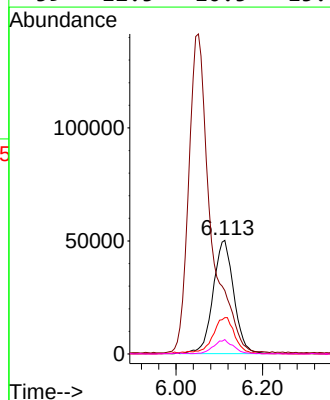
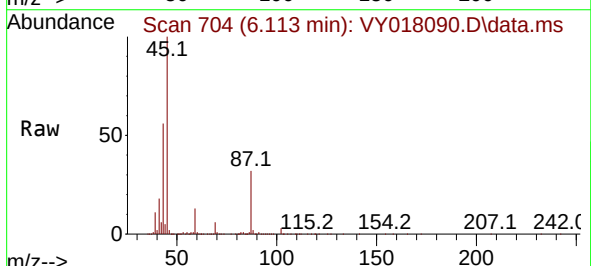
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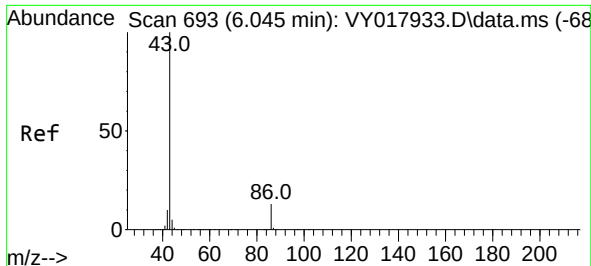
Reviewed By :Romaben Patel 05/02/2024
Supervised By :Semsettin Yesilyurt 05/02/2024



#22
Diisopropyl ether
Concen: 17.705 ug/l
RT: 6.113 min Scan# 704
Delta R.T. -0.005 min
Lab File: VY018090.D
Acq: 01 May 2024 10:09

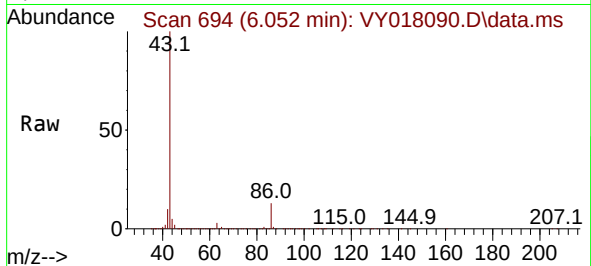
Tgt Ion: 45 Resp: 166966
Ion Ratio Lower Upper
45 100
43 54.4 42.2 63.2
87 31.6 25.0 37.6
59 12.5 10.5 15.7





#23
Vinyl Acetate
Concen: 82.857 ug/l
RT: 6.052 min Scan# 694
Delta R.T. -0.012 min
Lab File: VY018090.D
Acq: 01 May 2024 10:09

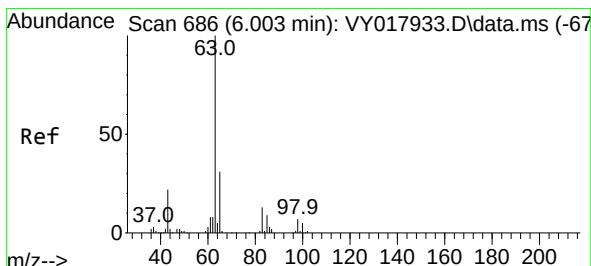
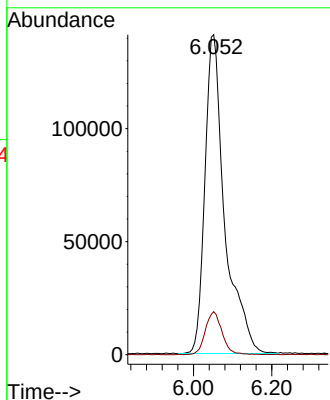
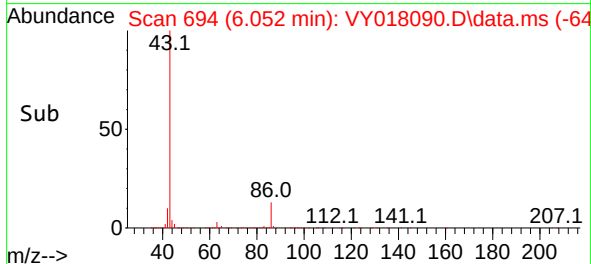
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020



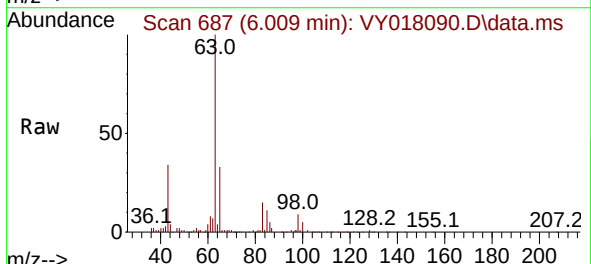
Tgt Ion: 43 Resp: 495590
Ion Ratio Lower Upper
43 100
86 13.4 10.6 16.0

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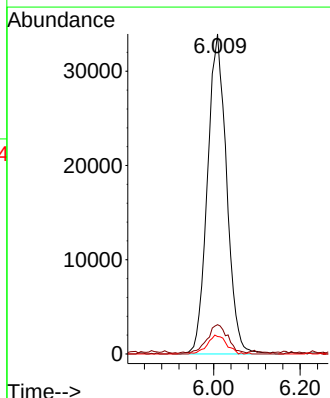
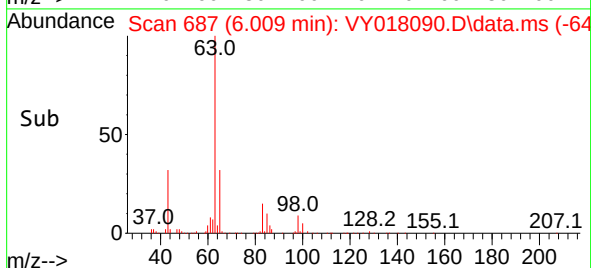
Reviewed By :Romaben Patel 05/02/2024
Supervised By :Semsettin Yesilyurt 05/02/2024

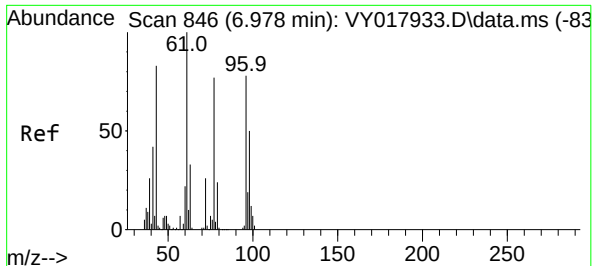


#24
1,1-Dichloroethane
Concen: 18.296 ug/l
RT: 6.009 min Scan# 687
Delta R.T. -0.012 min
Lab File: VY018090.D
Acq: 01 May 2024 10:09



Tgt Ion: 63 Resp: 104188
Ion Ratio Lower Upper
63 100
98 9.0 4.0 12.2
100 5.5 2.6 8.0





#25

2-Butanone

Concen: 77.945 ug/l

RT: 6.978 min Scan# 846

Delta R.T. -0.006 min

Lab File: VY018090.D

Acq: 01 May 2024 10:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

Tgt Ion: 43 Resp: 65962

Ion Ratio Lower Upper

43 100

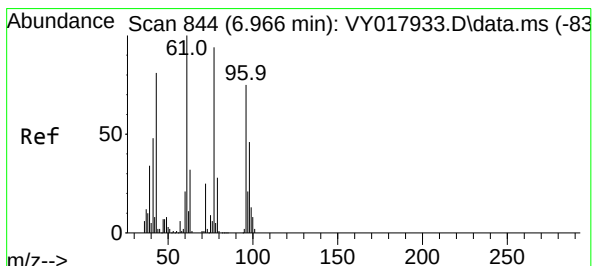
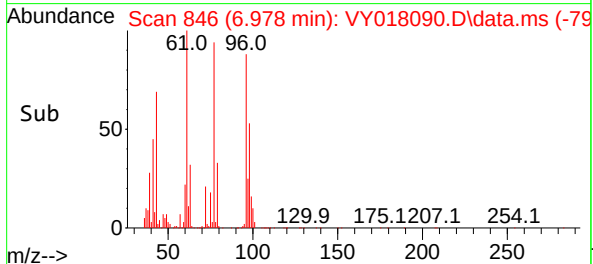
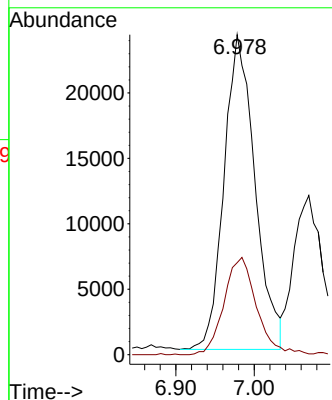
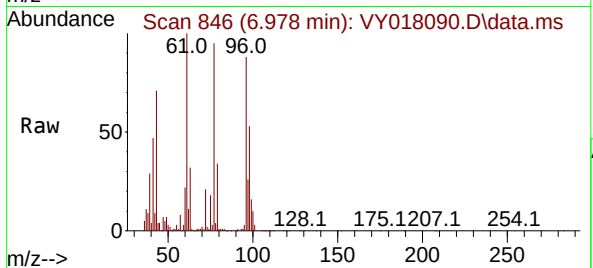
72 29.2 27.3 40.9

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 05/02/2024

Supervised By :Semsettin Yesilyurt 05/02/2024



#26

2,2-Dichloropropane

Concen: 18.731 ug/l

RT: 6.978 min Scan# 846

Delta R.T. 0.000 min

Lab File: VY018090.D

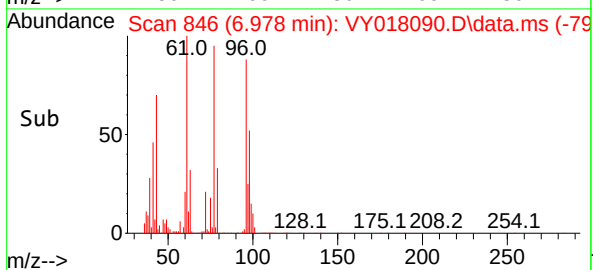
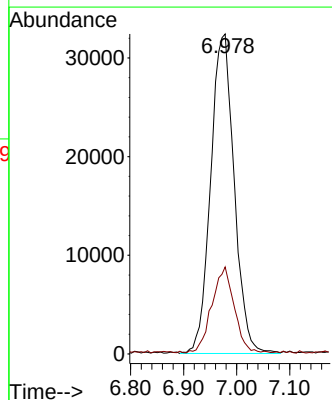
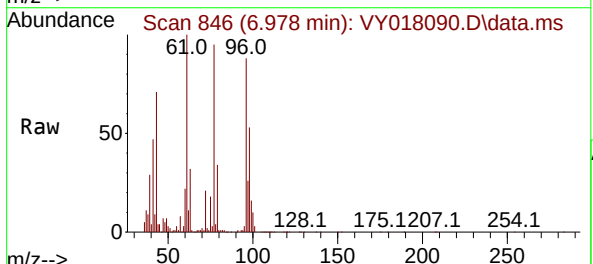
Acq: 01 May 2024 10:09

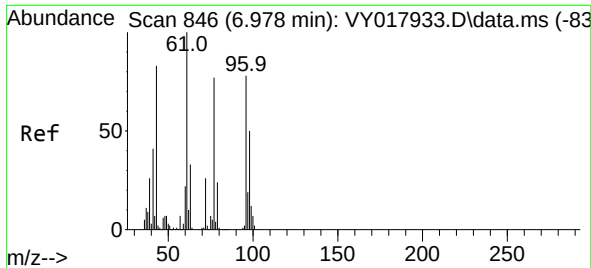
Tgt Ion: 77 Resp: 99755

Ion Ratio Lower Upper

77 100

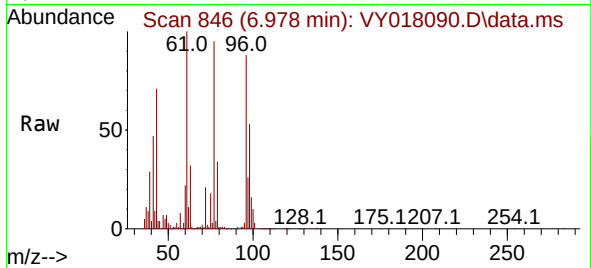
97 25.4 12.0 36.1





#27
cis-1,2-Dichloroethene
Concen: 18.138 ug/l
RT: 6.978 min Scan# 846
Delta R.T. -0.006 min
Lab File: VY018090.D
Acq: 01 May 2024 10:09

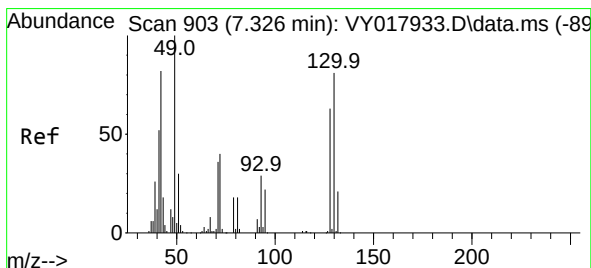
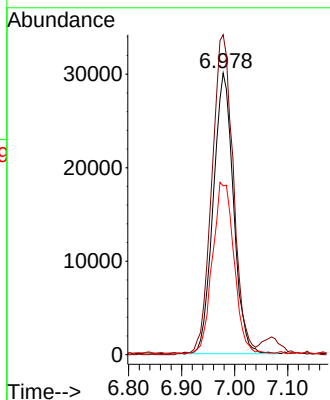
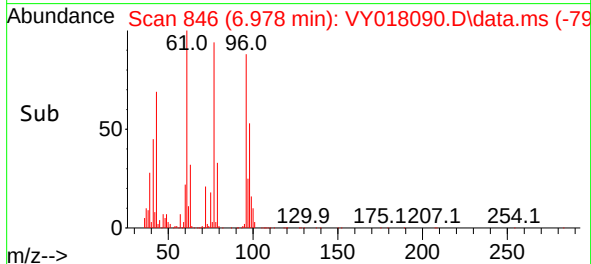
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020



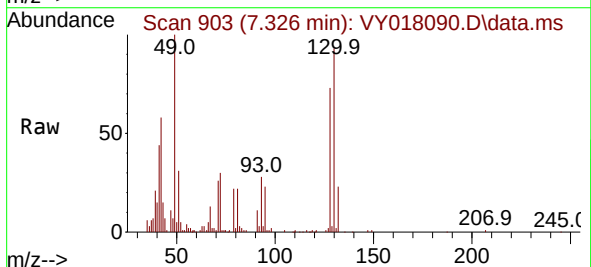
Tgt Ion: 96 Resp: 7963
Ion Ratio Lower Upper
96 100
61 120.5 0.0 256.2
98 64.8 0.0 130.0

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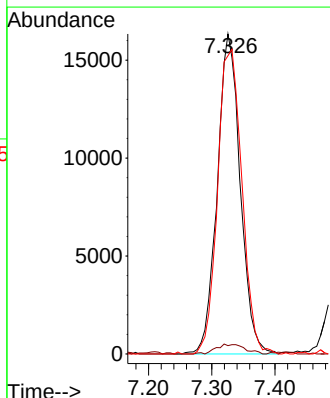
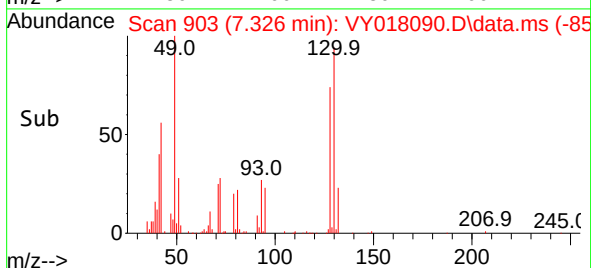
Reviewed By :Romaben Patel 05/02/2024
Supervised By :Semsettin Yesilyurt 05/02/2024

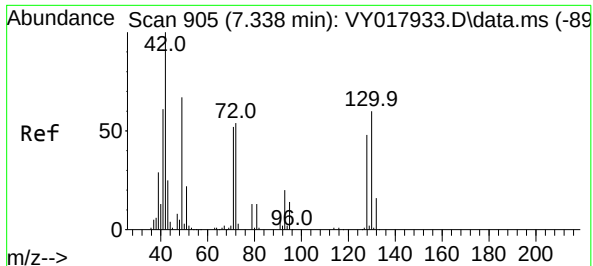


#28
Bromochloromethane
Concen: 17.888 ug/l
RT: 7.326 min Scan# 903
Delta R.T. -0.012 min
Lab File: VY018090.D
Acq: 01 May 2024 10:09



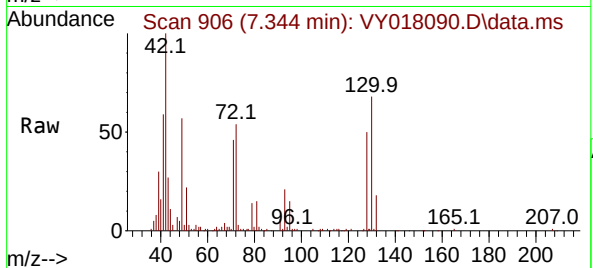
Tgt Ion: 49 Resp: 41166
Ion Ratio Lower Upper
49 100
129 3.8 0.0 4.6
130 100.7 72.7 109.1





#29
Tetrahydrofuran
Concen: 78.619 ug/l
RT: 7.344 min Scan# 905
Delta R.T. -0.006 min
Lab File: VY018090.D
Acq: 01 May 2024 10:09

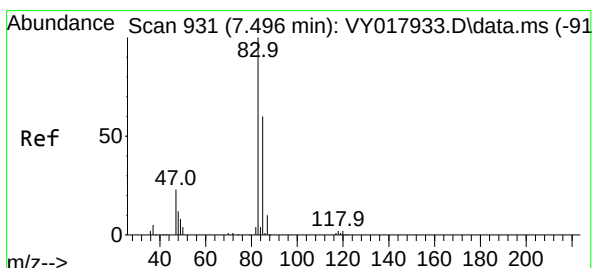
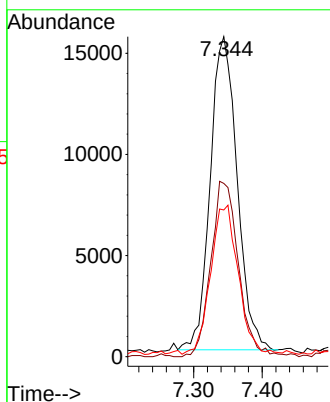
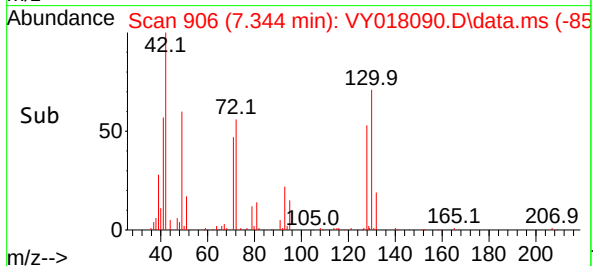
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020



Tgt Ion: 42 Resp: 42290
Ion Ratio Lower Upper
42 100
72 57.4 43.0 64.4
71 48.8 40.8 61.2

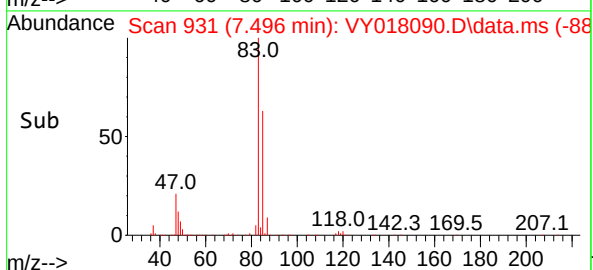
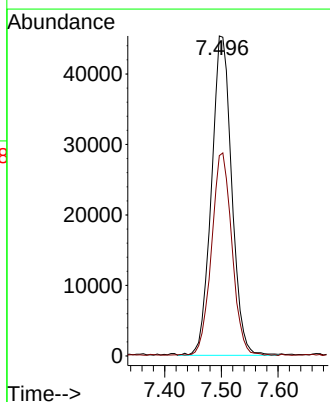
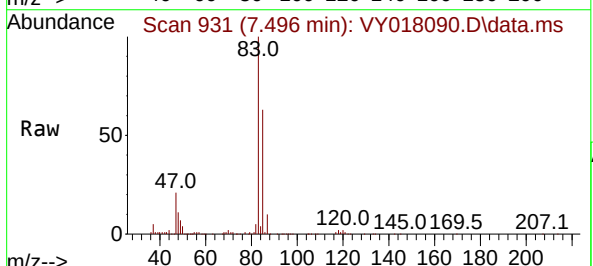
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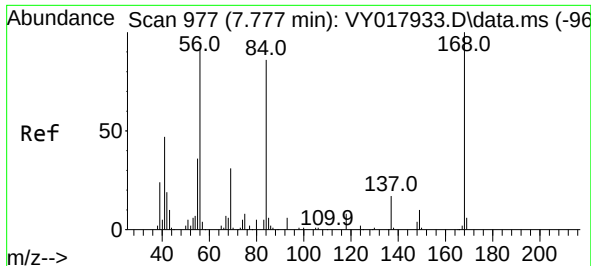
Reviewed By :Romaben Patel 05/02/2024
Supervised By :Semsettin Yesilyurt 05/02/2024



#30
Chloroform
Concen: 18.632 ug/l
RT: 7.496 min Scan# 931
Delta R.T. -0.012 min
Lab File: VY018090.D
Acq: 01 May 2024 10:09

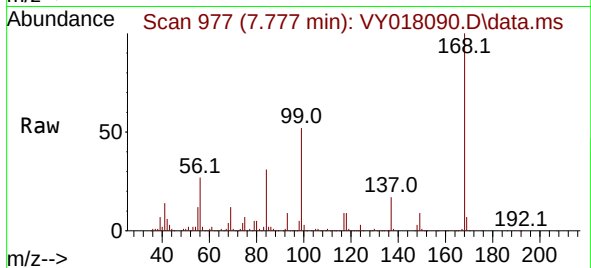
Tgt Ion: 83 Resp: 112273
Ion Ratio Lower Upper
83 100
85 62.6 52.2 78.4





#31
Cyclohexane
Concen: 18.595 ug/l
RT: 7.777 min Scan# 911
Delta R.T. -0.006 min
Lab File: VY018090.D
Acq: 01 May 2024 10:09

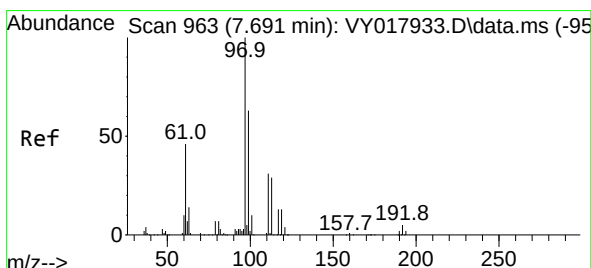
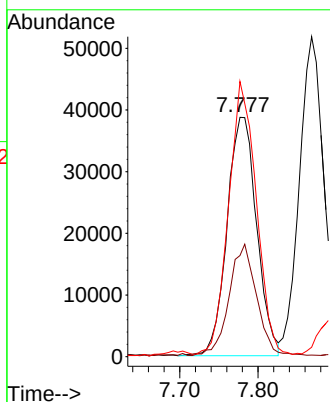
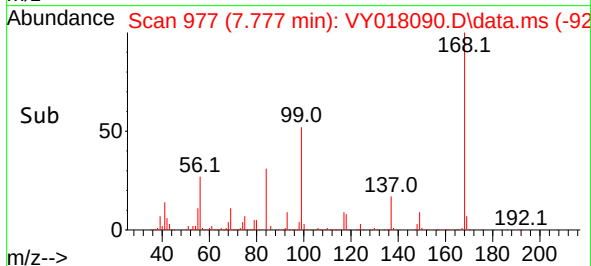
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020



Tgt Ion: 56 Resp: 10173
Ion Ratio Lower Upper
56 100
69 41.8 28.7 43.1
84 113.6 77.7 116.5

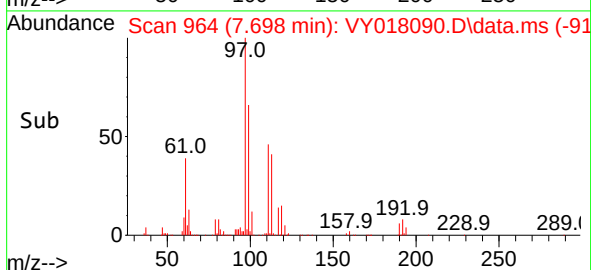
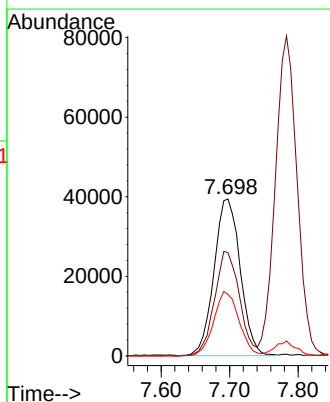
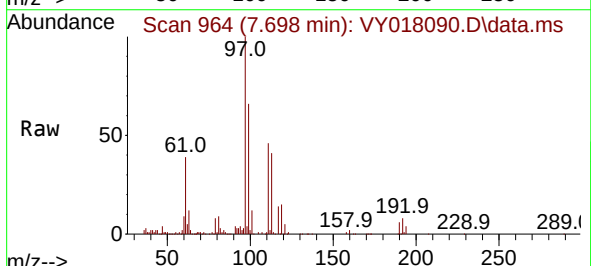
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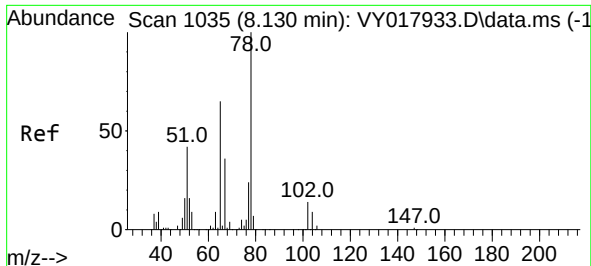
Reviewed By :Romaben Patel 05/02/2024
Supervised By :Semsettin Yesilyurt 05/02/2024



#32
1,1,1-Trichloroethane
Concen: 19.051 ug/l
RT: 7.698 min Scan# 964
Delta R.T. -0.005 min
Lab File: VY018090.D
Acq: 01 May 2024 10:09

Tgt Ion: 97 Resp: 104780
Ion Ratio Lower Upper
97 100
99 63.8 50.3 75.5
61 39.6 32.6 48.8





#33

1,2-Dichloroethane-d4

Concen: 17.527 ug/l

RT: 8.137 min Scan# 1035

Delta R.T. -0.005 min

Lab File: VY018090.D

Acq: 01 May 2024 10:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

Tgt Ion: 65 Resp: 5004

Ion Ratio Lower Upper

65 100

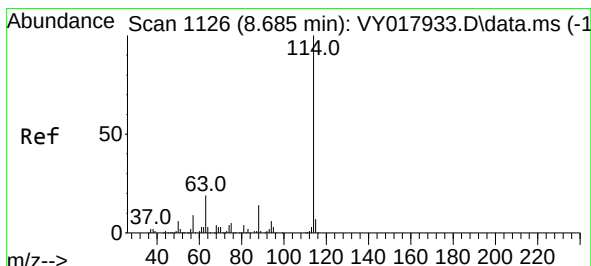
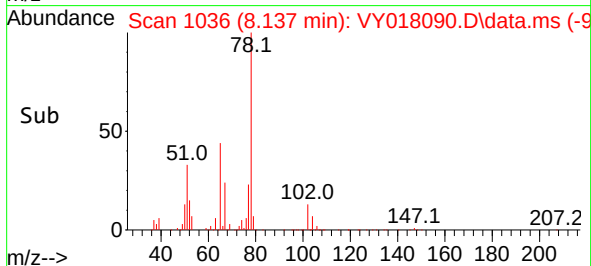
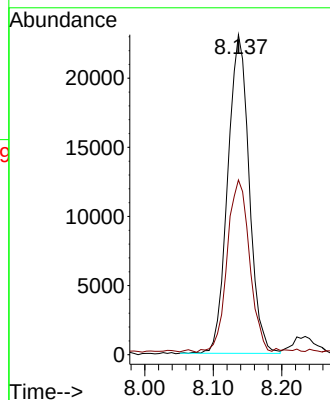
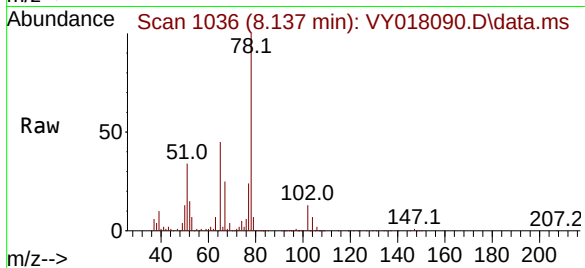
67 56.5 0.0 109.6

Manual Integrations

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Reviewed By :Romaben Patel 05/02/2024

Supervised By :Semsettin Yesilyurt 05/02/2024



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY018090.D

Acq: 01 May 2024 10:09

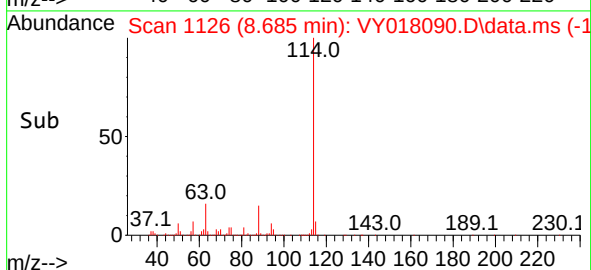
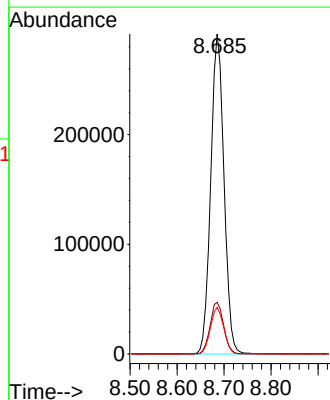
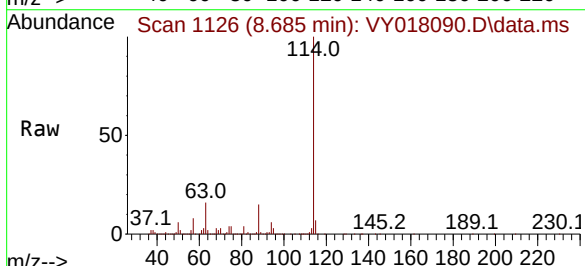
Tgt Ion:114 Resp: 569529

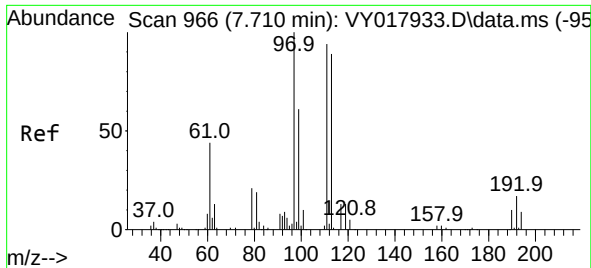
Ion Ratio Lower Upper

114 100

63 16.2 0.0 35.0

88 14.6 0.0 27.2





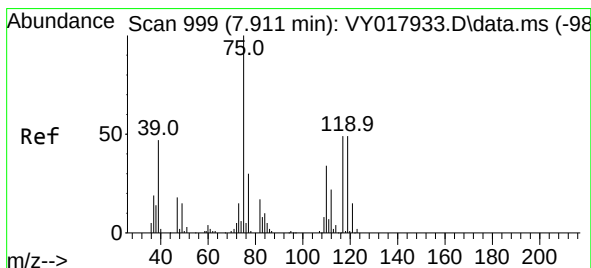
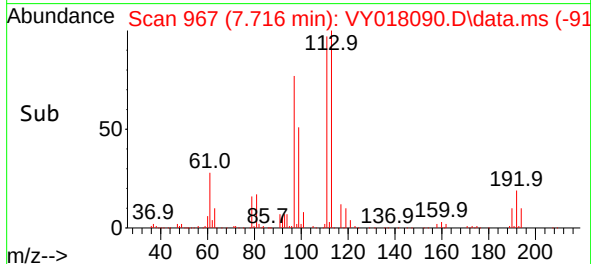
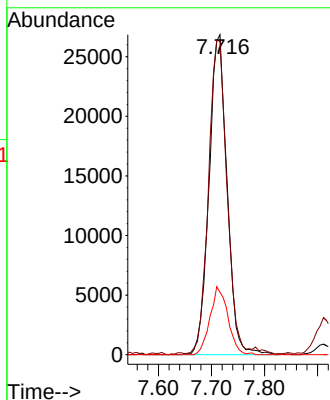
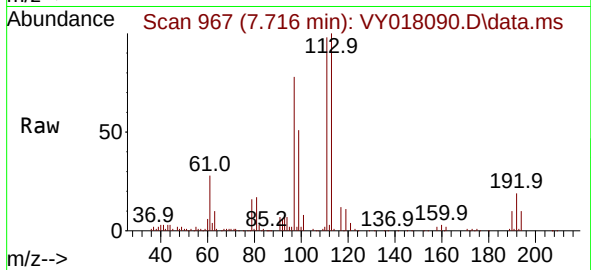
#35
Dibromofluoromethane
Concen: 19.422 ug/l
RT: 7.716 min Scan# 901
Delta R.T. -0.006 min
Lab File: VY018090.D
Acq: 01 May 2024 10:09

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tgt Ion:113 Resp: 6356
Ion Ratio Lower Upper
113 100
111 99.4 82.2 123.4
192 21.0 15.9 23.9

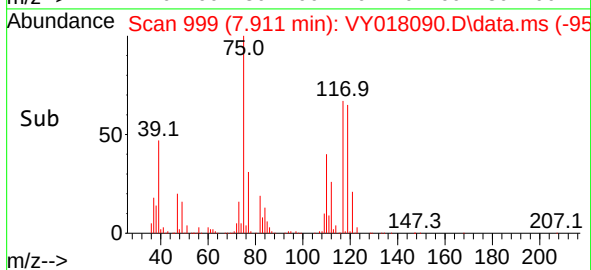
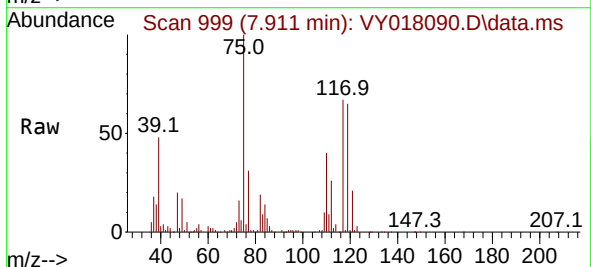
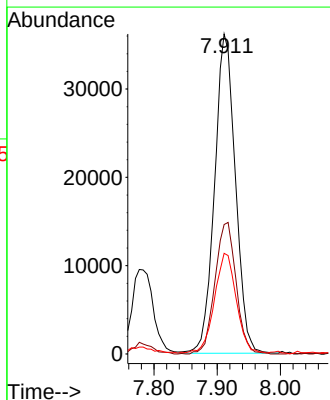
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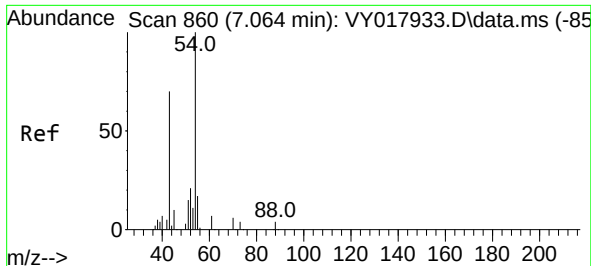
Reviewed By :Romaben Patel 05/02/2024
Supervised By :Semsettin Yesilyurt 05/02/2024



#36
1,1-Dichloropropene
Concen: 18.892 ug/l
RT: 7.911 min Scan# 999
Delta R.T. -0.006 min
Lab File: VY018090.D
Acq: 01 May 2024 10:09

Tgt Ion: 75 Resp: 82536
Ion Ratio Lower Upper
75 100
110 41.9 19.0 57.0
77 32.8 25.3 37.9





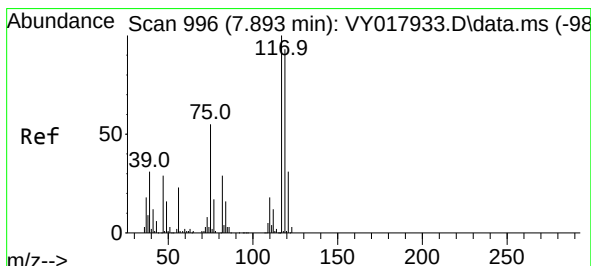
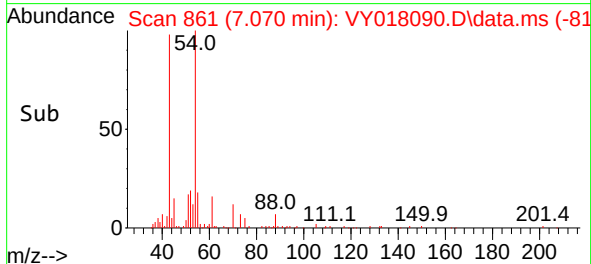
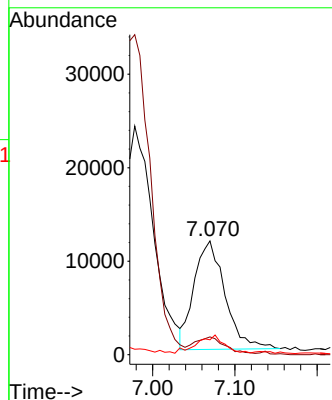
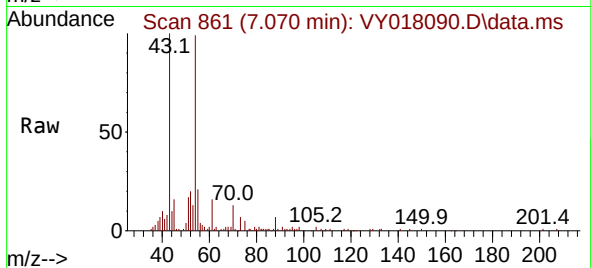
#37
Ethyl Acetate
Concen: 15.985 ug/l
RT: 7.070 min Scan# 80
Delta R.T. -0.006 min
Lab File: VY018090.D
Acq: 01 May 2024 10:09

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion: 43 Resp: 3039
Ion Ratio Lower Upper
43 100
61 14.2 12.6 19.0
70 14.2 7.8 11.8

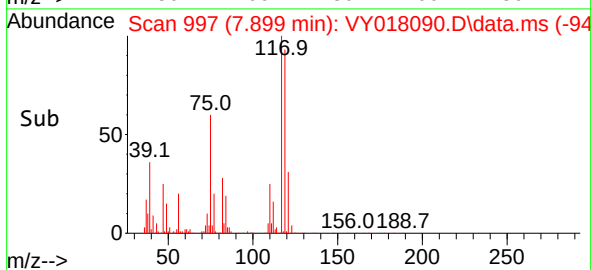
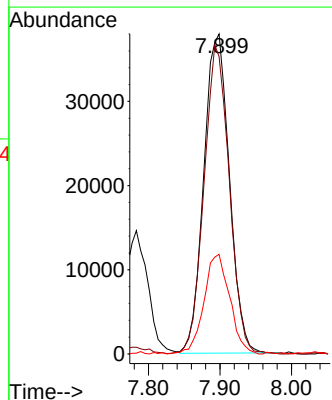
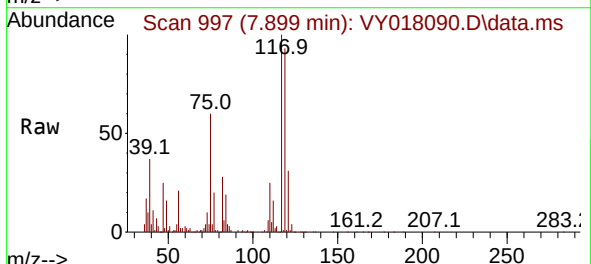
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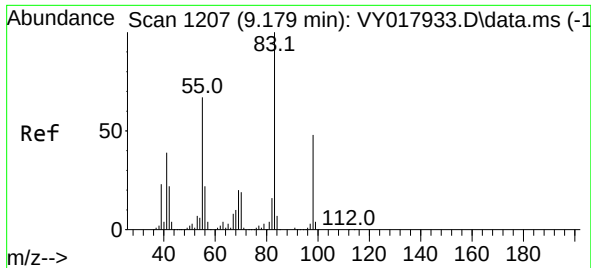
Reviewed By :Romaben Patel 05/02/2024
Supervised By :Semsettin Yesilyurt 05/02/2024



#38
Carbon Tetrachloride
Concen: 19.038 ug/l
RT: 7.899 min Scan# 997
Delta R.T. -0.006 min
Lab File: VY018090.D
Acq: 01 May 2024 10:09

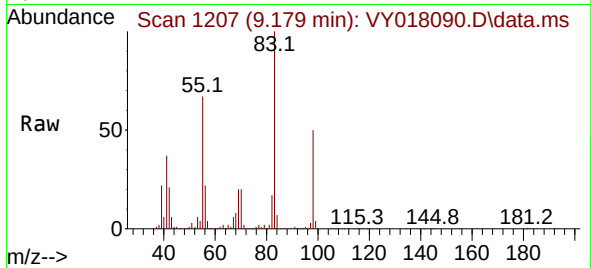
Tgt Ion:117 Resp: 94403
Ion Ratio Lower Upper
117 100
119 93.2 75.8 113.6
121 30.9 24.0 36.0





#39
Methylcyclohexane
Concen: 19.239 ug/l
RT: 9.179 min Scan# 1207
Delta R.T. -0.006 min
Lab File: VY018090.D
Acq: 01 May 2024 10:09

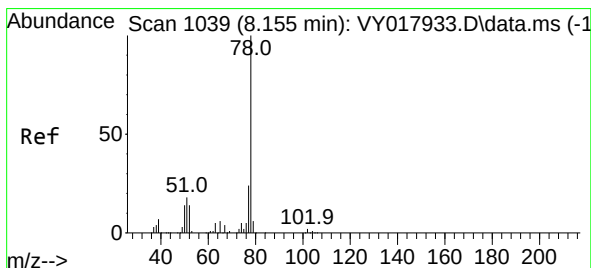
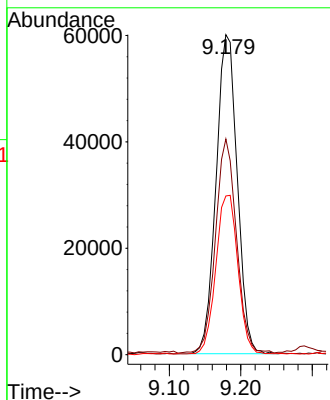
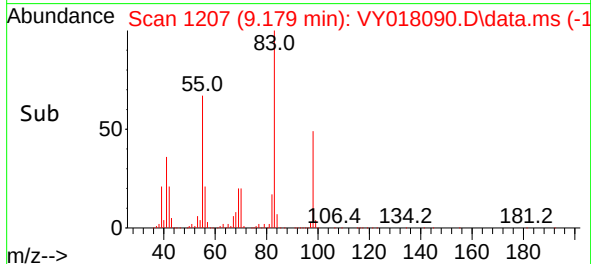
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020



Tgt Ion: 83 Resp: 12345
Ion Ratio Lower Upper
83 100
55 67.1 51.5 77.3
98 49.5 40.5 60.7

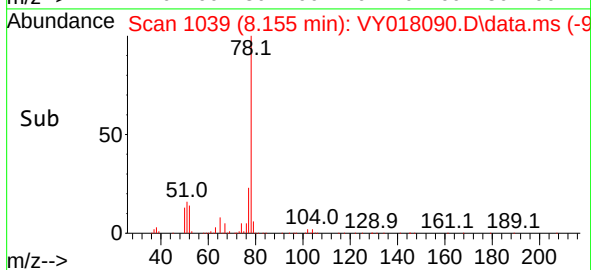
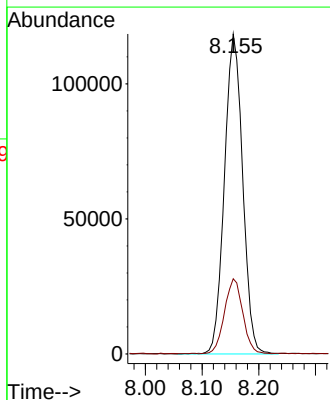
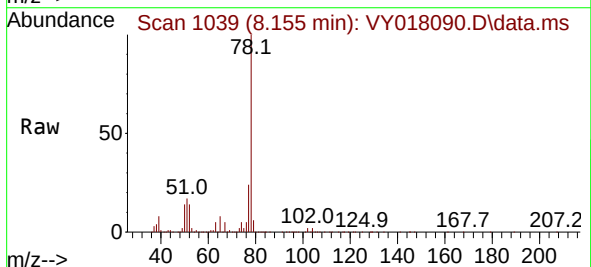
Manual Integrations
APPROVED

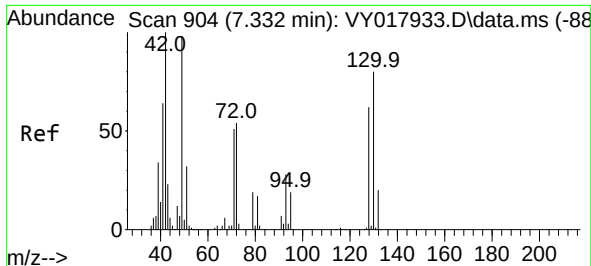
Reviewed By :Romaben Patel 05/02/2024
Supervised By :Semsettin Yesilyurt 05/02/2024



#40
Benzene
Concen: 18.808 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. -0.006 min
Lab File: VY018090.D
Acq: 01 May 2024 10:09

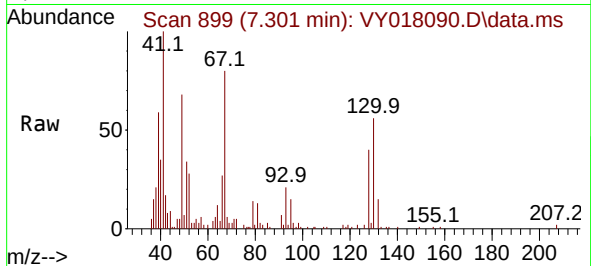
Tgt Ion: 78 Resp: 264032
Ion Ratio Lower Upper
78 100
77 23.4 19.5 29.3





#41
Methacrylonitrile
Concen: 15.595 ug/l
RT: 7.301 min Scan# 899
Delta R.T. -0.031 min
Lab File: VY018090.D
Acq: 01 May 2024 10:09

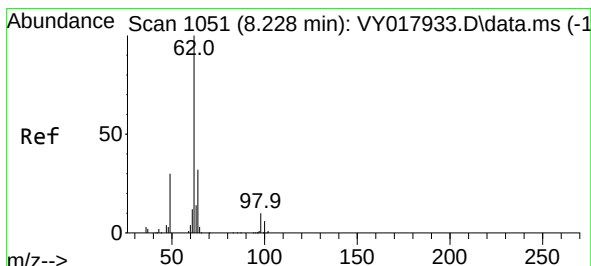
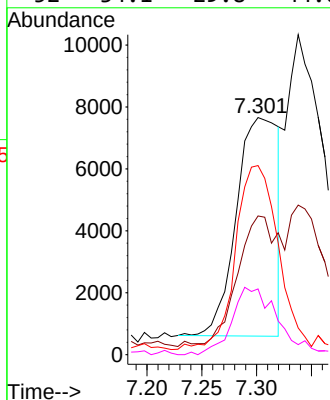
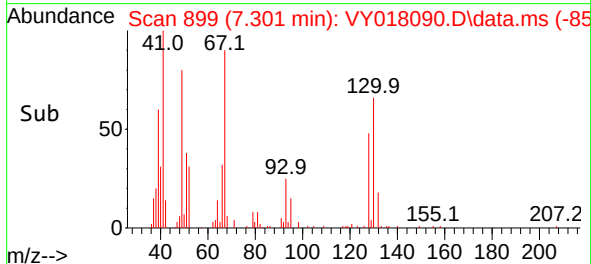
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020



Tgt Ion: 41 Resp: 18580
Ion Ratio Lower Upper
41 100
39 59.6 48.0 72.0
67 86.4 75.1 112.7
52 34.1 29.8 44.6

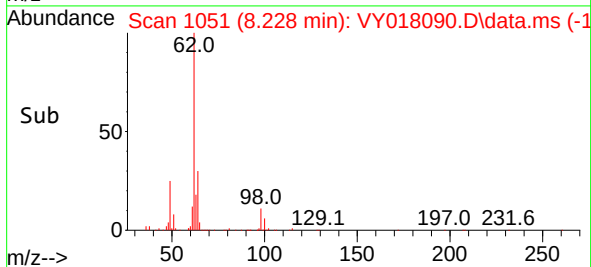
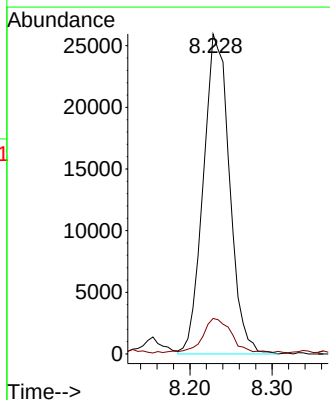
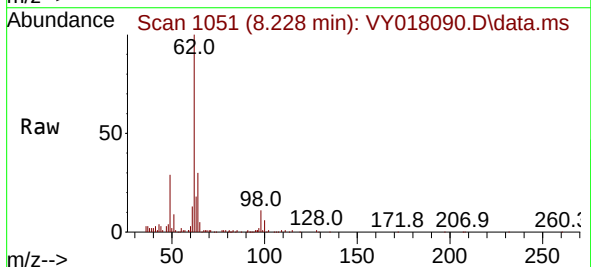
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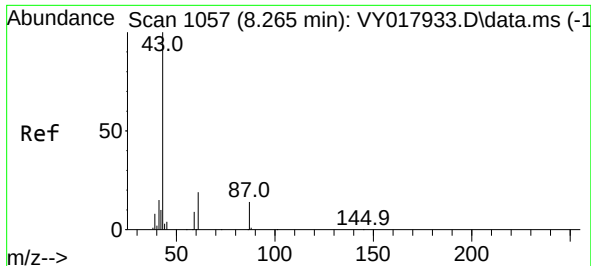
Reviewed By :Romaben Patel 05/02/2024
Supervised By :Semsettin Yesilyurt 05/02/2024



#42
1,2-Dichloroethane
Concen: 17.676 ug/l
RT: 8.228 min Scan# 1051
Delta R.T. -0.012 min
Lab File: VY018090.D
Acq: 01 May 2024 10:09

Tgt Ion: 62 Resp: 57489
Ion Ratio Lower Upper
62 100
98 12.2 0.0 22.0





#43

Isopropyl Acetate

Concen: 16.913 ug/l

RT: 8.265 min Scan# 1057

Delta R.T. -0.005 min

Lab File: VY018090.D

Acq: 01 May 2024 10:09

Instrument :

MSVOA_Y

ClientSampleId :

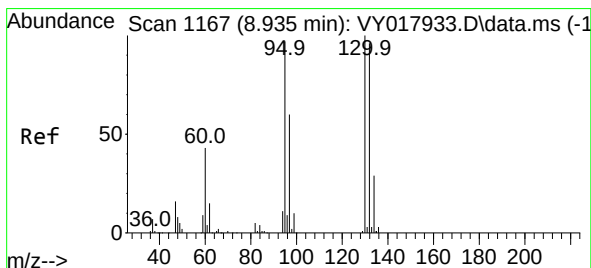
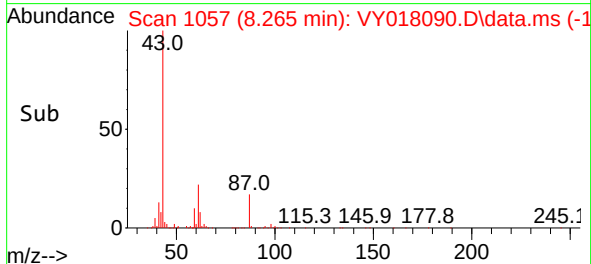
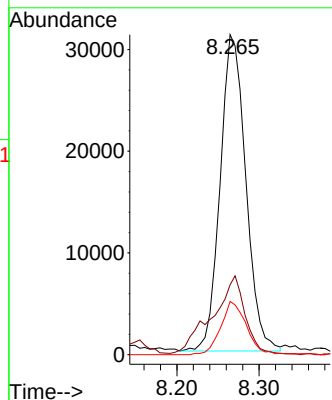
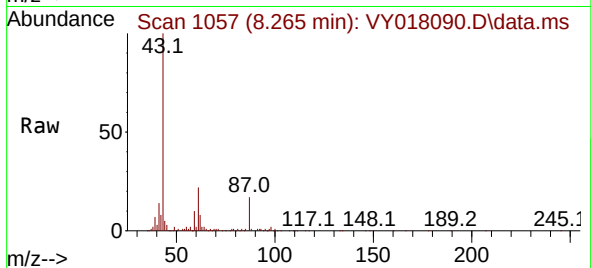
VSTDICC020

Tgt Ion: 43	Resp: 67550
Ion Ratio	Lower Upper
43 100	
61 32.3	27.9 41.9
87 16.9	13.1 19.7

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 05/02/2024
Supervised By :Semsettin Yesilyurt 05/02/2024



#44

Trichloroethene

Concen: 19.114 ug/l

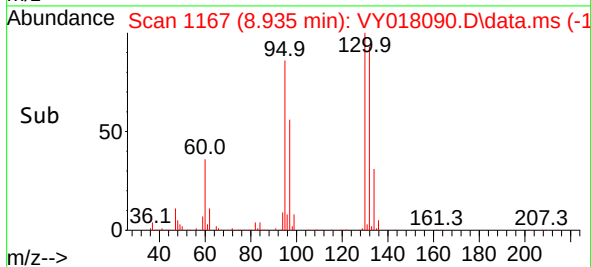
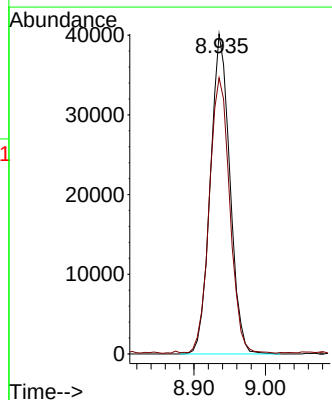
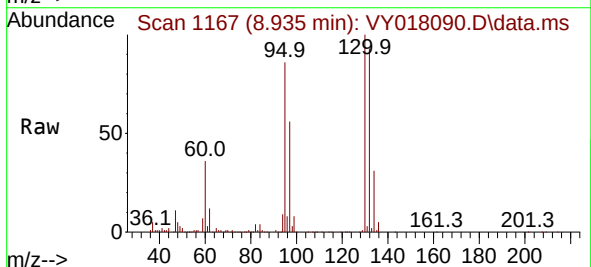
RT: 8.935 min Scan# 1167

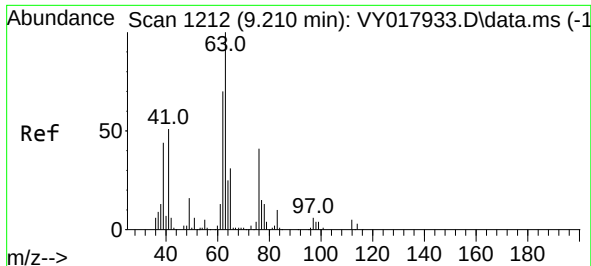
Delta R.T. -0.006 min

Lab File: VY018090.D

Acq: 01 May 2024 10:09

Tgt Ion:130	Resp: 76094
Ion Ratio	Lower Upper
130 100	
95 85.9	0.0 188.0





#45

1,2-Dichloropropane

Concen: 18.199 ug/l

RT: 9.210 min Scan# 1212

Delta R.T. -0.005 min

Lab File: VY018090.D

Acq: 01 May 2024 10:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

Tgt Ion: 63 Resp: 5574

Ion Ratio Lower Upper

63 100

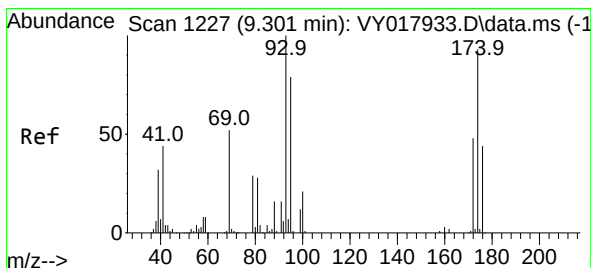
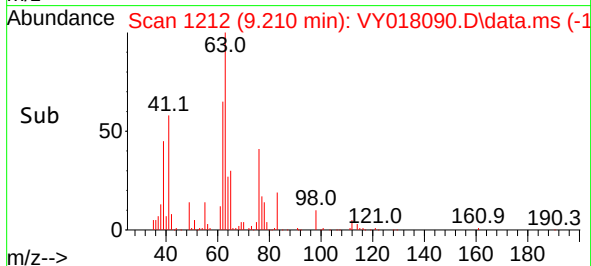
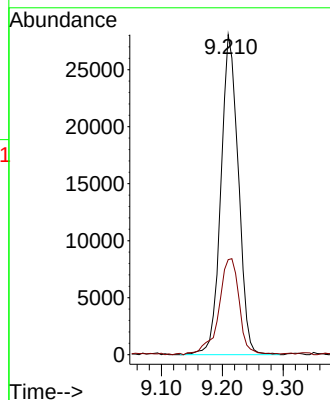
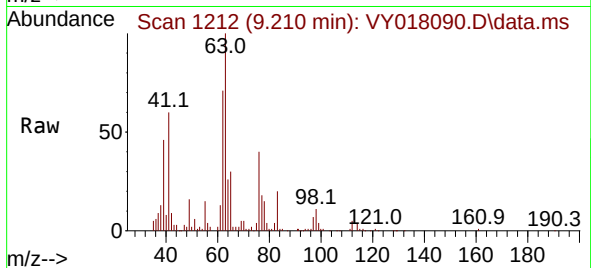
65 29.5 25.4 38.2

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 05/02/2024

Supervised By :Semsettin Yesilyurt 05/02/2024



#46

Dibromomethane

Concen: 17.233 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VY018090.D

Acq: 01 May 2024 10:09

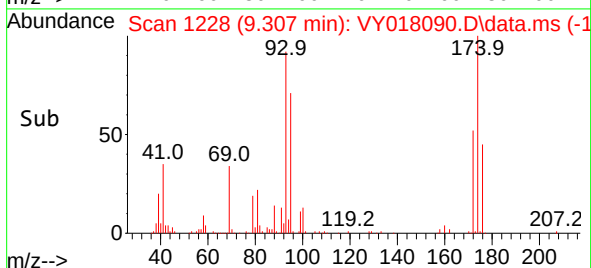
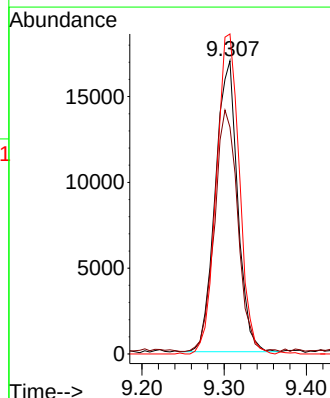
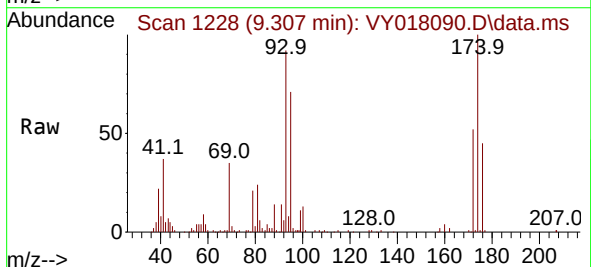
Tgt Ion: 93 Resp: 32092

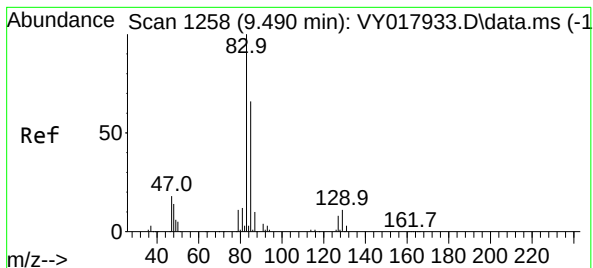
Ion Ratio Lower Upper

93 100

95 86.0 66.2 99.4

174 112.8 80.9 121.3





#47

Bromodichloromethane

Concen: 18.114 ug/l

RT: 9.490 min Scan# 1258

Delta R.T. -0.006 min

Lab File: VY018090.D

Acq: 01 May 2024 10:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

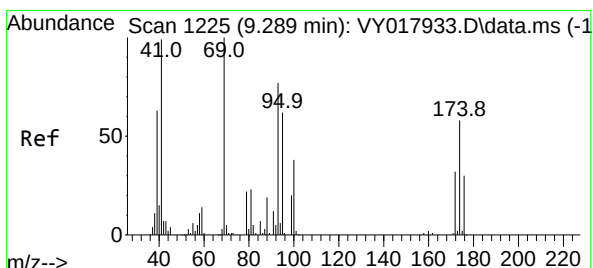
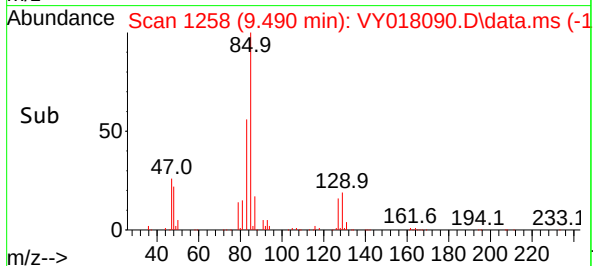
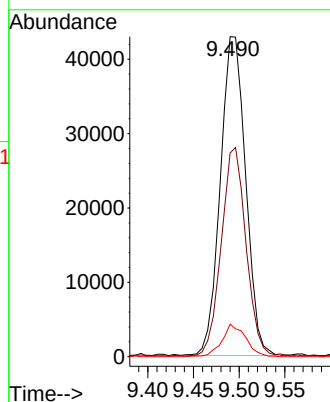
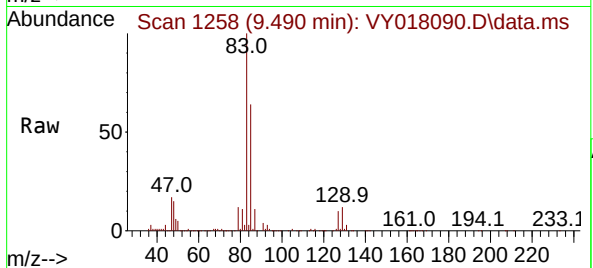
Tgt Ion:	83	Resp:	8281
Ion	Ratio	Lower	Upper
83	100		
85	63.4	50.1	75.1
127	10.2	7.4	11.0

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 05/02/2024

Supervised By :Semsettin Yesilyurt 05/02/2024



#48

Methyl methacrylate

Concen: 17.531 ug/l

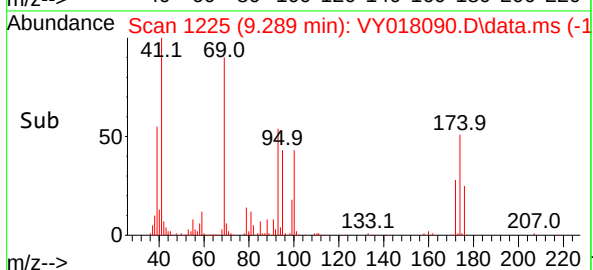
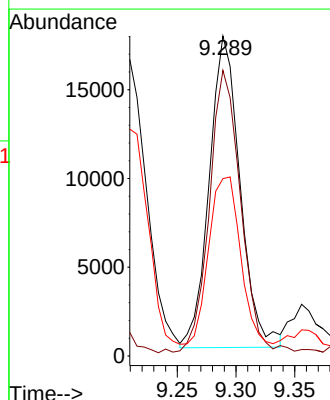
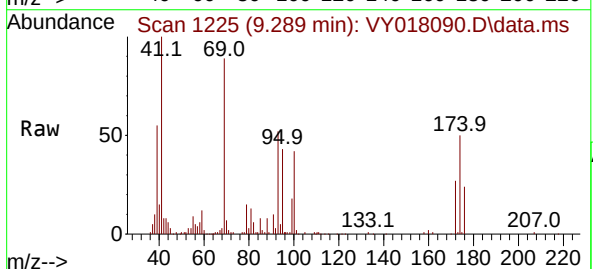
RT: 9.289 min Scan# 1225

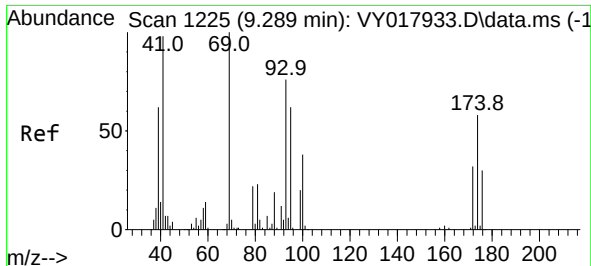
Delta R.T. -0.006 min

Lab File: VY018090.D

Acq: 01 May 2024 10:09

Tgt Ion:	41	Resp:	32053
Ion	Ratio	Lower	Upper
41	100		
69	92.5	84.1	126.1
39	56.1	43.6	65.4





#49

1,4-Dioxane

Concen: 331.642 ug/l

RT: 9.307 min Scan# 1225

Delta R.T. 0.006 min

Lab File: VY018090.D

Acq: 01 May 2024 10:09

Instrument :

MSVOA_Y

ClientSampleId :

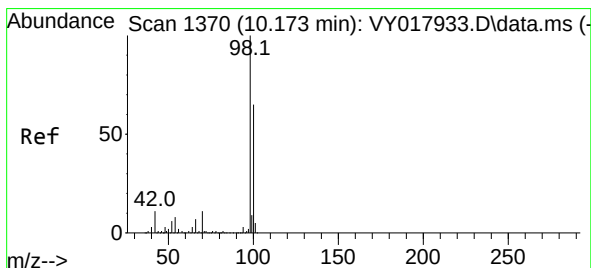
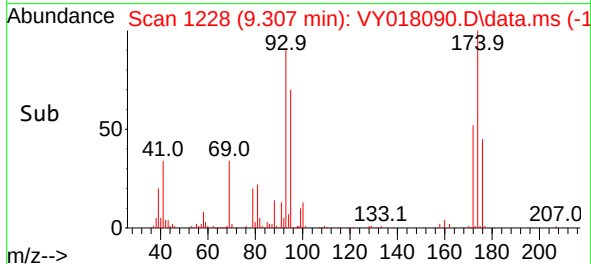
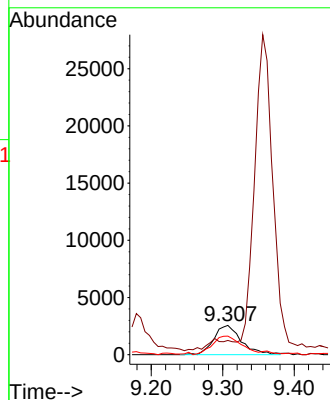
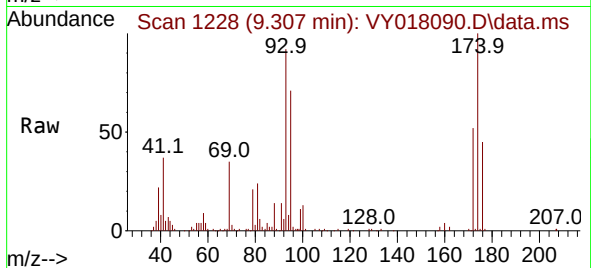
VSTDICC020

Tgt Ion: 88 Resp: 6852
 Ion Ratio Lower Upper
 88 100
 43 23.2 0.0 0.0
 58 66.5 49.3 73.9

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 05/02/2024
 Supervised By :Semsettin Yesilyurt 05/02/2024



#50

Toluene-d8

Concen: 19.319 ug/l

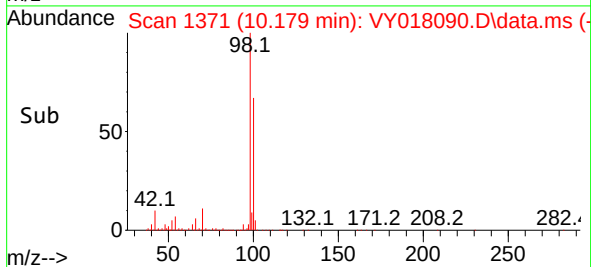
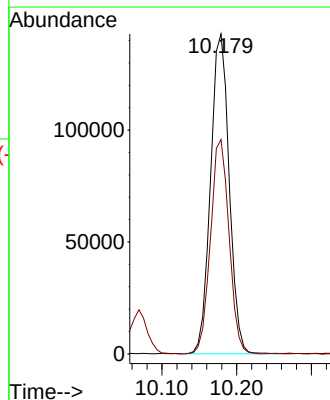
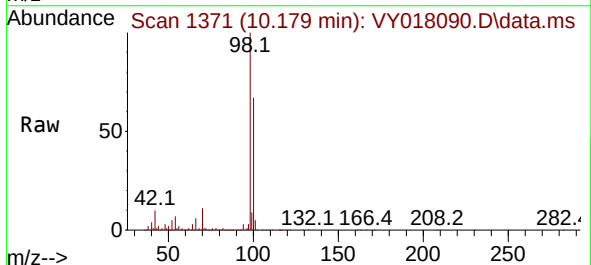
RT: 10.179 min Scan# 1371

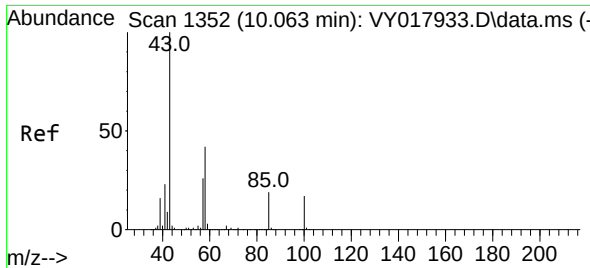
Delta R.T. -0.000 min

Lab File: VY018090.D

Acq: 01 May 2024 10:09

Tgt Ion: 98 Resp: 246845
 Ion Ratio Lower Upper
 98 100
 100 66.9 52.0 78.0





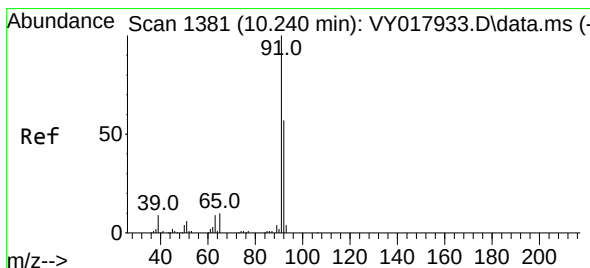
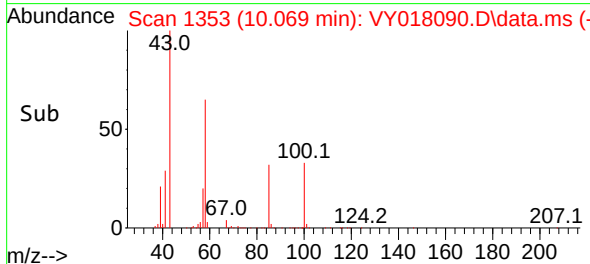
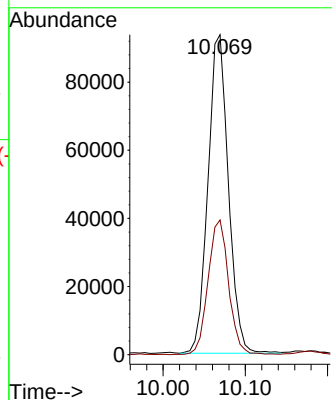
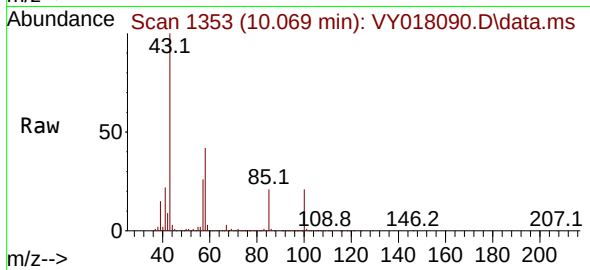
#51
4-Methyl-2-Pentanone
Concen: 82.740 ug/l
RT: 10.069 min Scan# 1352
Delta R.T. 0.000 min
Lab File: VY018090.D
Acq: 01 May 2024 10:09

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion: 43 Resp: 16141
Ion Ratio Lower Upper
43 100
58 42.8 35.7 53.5

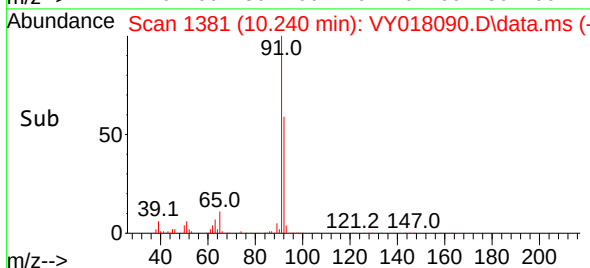
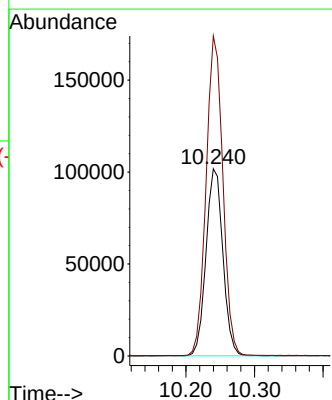
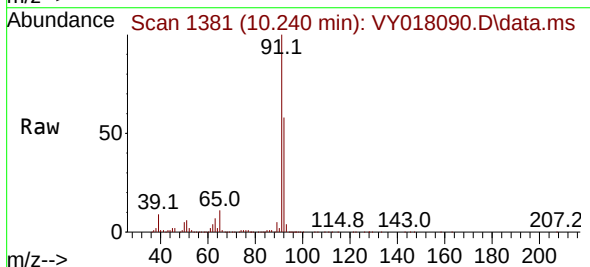
Manual Integrations
APPROVED

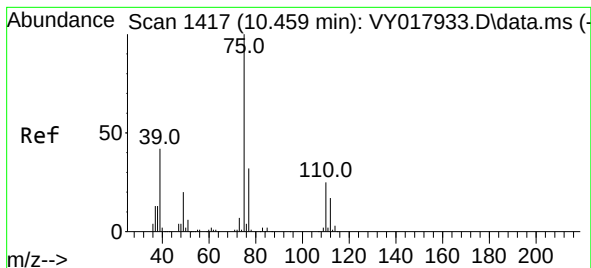
Reviewed By :Romaben Patel 05/02/2024
Supervised By :Semsettin Yesilyurt 05/02/2024



#52
Toluene
Concen: 18.785 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. -0.006 min
Lab File: VY018090.D
Acq: 01 May 2024 10:09

Tgt Ion: 92 Resp: 174537
Ion Ratio Lower Upper
92 100
91 169.2 139.0 208.6





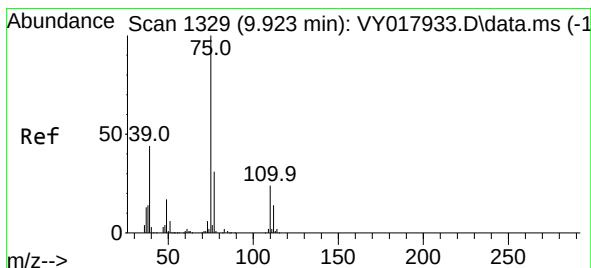
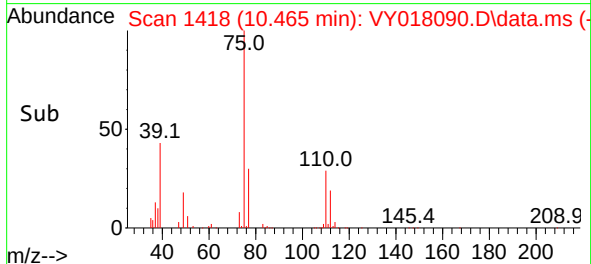
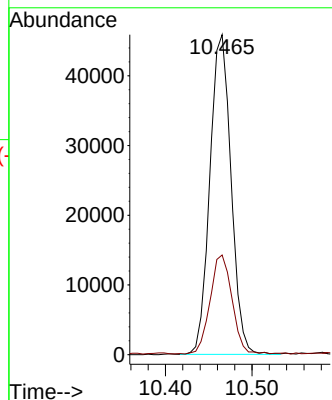
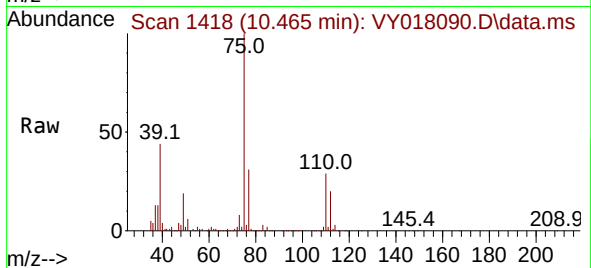
#53
t-1,3-Dichloropropene
Concen: 17.622 ug/l
RT: 10.465 min Scan# 1417
Delta R.T. 0.000 min
Lab File: VY018090.D
Acq: 01 May 2024 10:09

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tgt Ion: 75 Resp: 7784
Ion Ratio Lower Upper
75 100
77 30.8 24.1 36.1

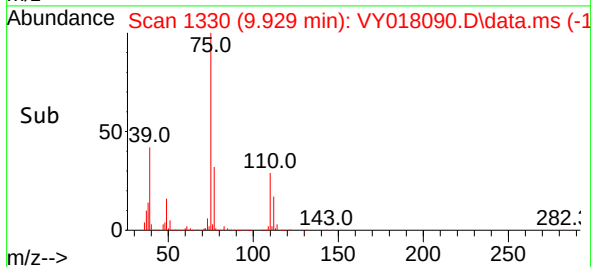
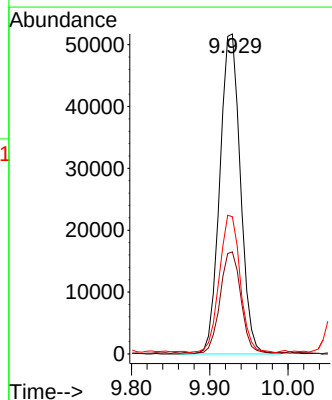
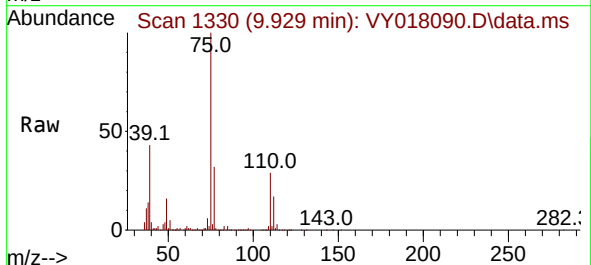
Manual Integrations
APPROVED

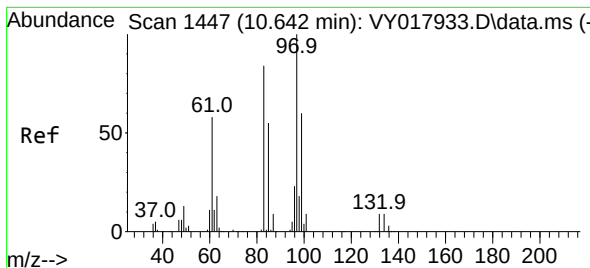
Reviewed By :Romaben Patel 05/02/2024
Supervised By :Semsettin Yesilyurt 05/02/2024



#54
cis-1,3-Dichloropropene
Concen: 18.245 ug/l
RT: 9.929 min Scan# 1330
Delta R.T. -0.000 min
Lab File: VY018090.D
Acq: 01 May 2024 10:09

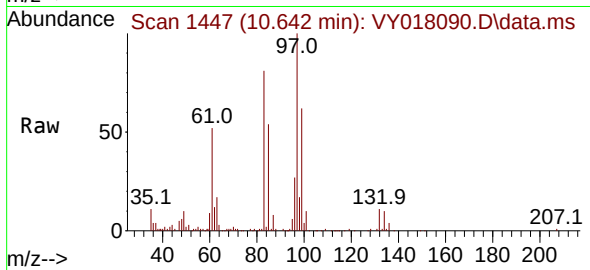
Tgt Ion: 75 Resp: 94685
Ion Ratio Lower Upper
75 100
77 31.6 25.4 38.0
39 42.1 29.8 44.6





#55
1,1,2-Trichloroethane
Concen: 17.493 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VY018090.D
Acq: 01 May 2024 10:09

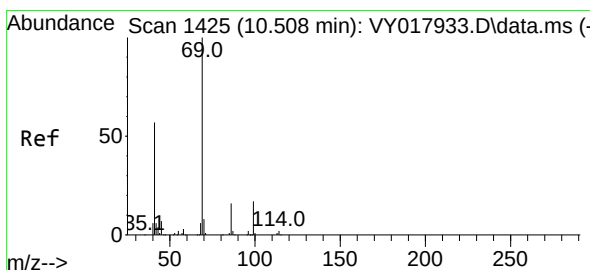
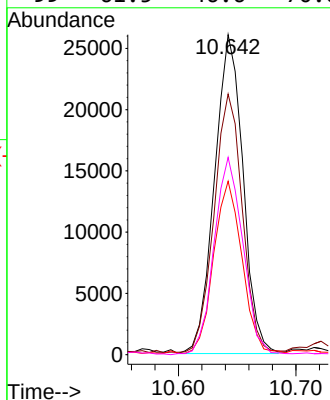
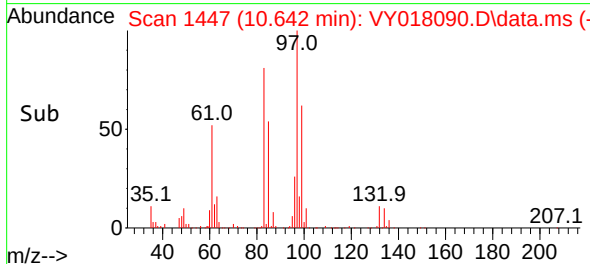
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020



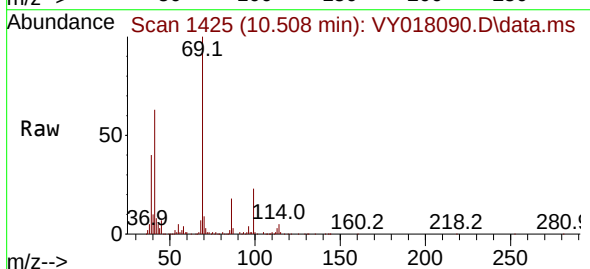
Tgt Ion	Ratio	Lower	Upper
97	100		
83	81.0	67.5	101.3
85	53.9	42.9	64.3
99	61.5	46.6	70.0

Manual Integrations
APPROVED

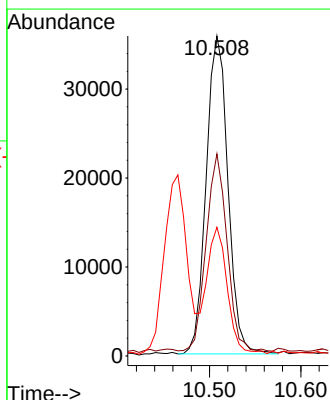
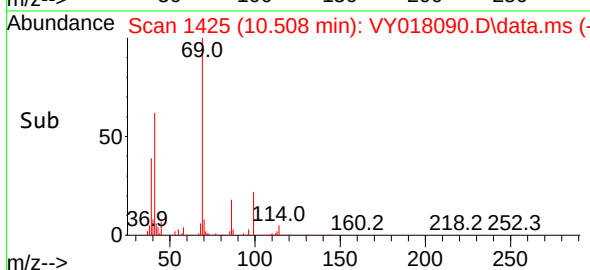
Reviewed By :Romaben Patel 05/02/2024
Supervised By :Semsettin Yesilyurt 05/02/2024

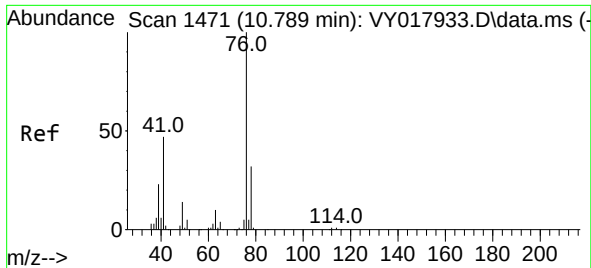


#56
Ethyl methacrylate
Concen: 16.705 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. 0.000 min
Lab File: VY018090.D
Acq: 01 May 2024 10:09



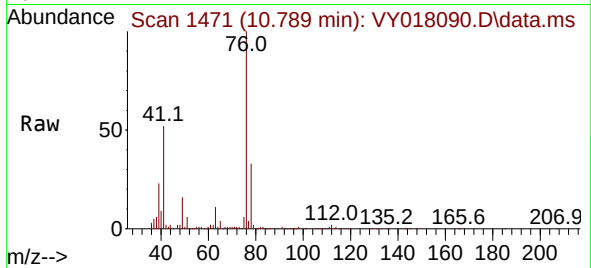
Tgt Ion	Ratio	Lower	Upper
69	100		
41	59.4	42.3	63.5
39	38.8	22.9	34.3





#57
1,3-Dichloropropane
Concen: 17.627 ug/l
RT: 10.789 min Scan# 1471
Delta R.T. 0.001 min
Lab File: VY018090.D
Acq: 01 May 2024 10:09

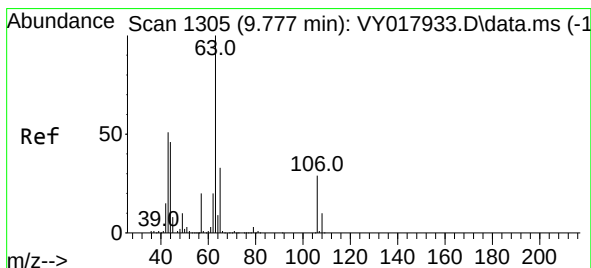
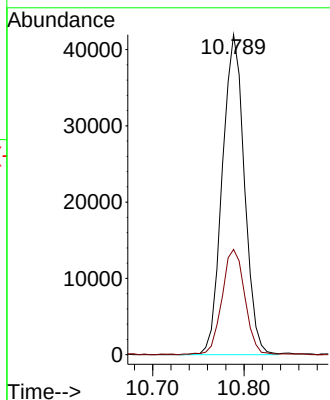
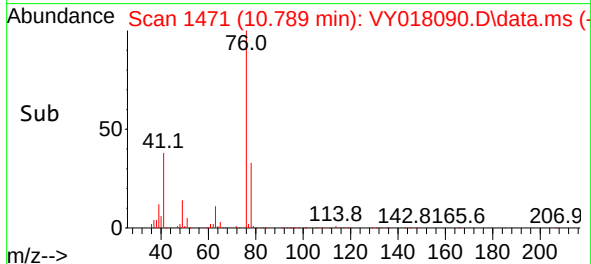
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020



Tgt Ion: 76 Resp: 7053
Ion Ratio Lower Upper
76 100
78 34.1 26.2 39.4

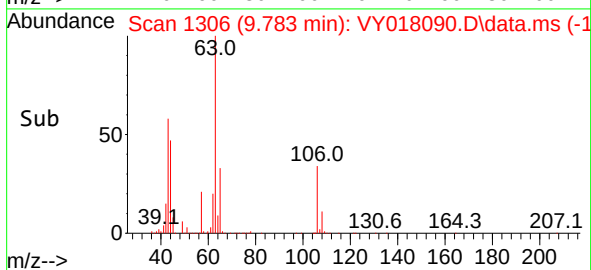
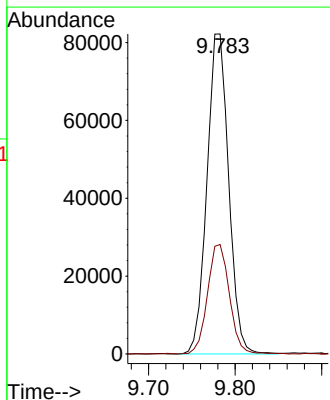
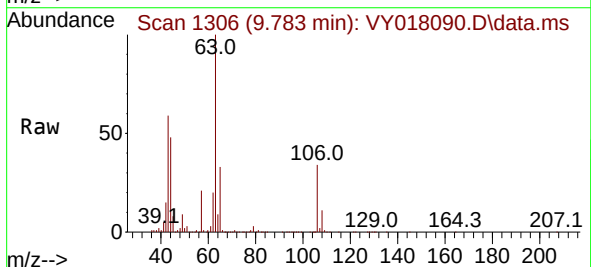
Manual Integrations
APPROVED

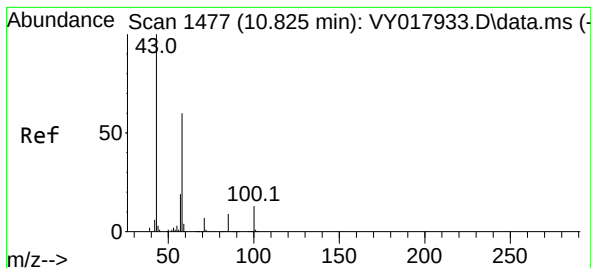
Reviewed By :Romaben Patel 05/02/2024
Supervised By :Semsettin Yesilyurt 05/02/2024



#58
2-Chloroethyl Vinyl ether
Concen: 86.629 ug/l
RT: 9.783 min Scan# 1306
Delta R.T. 0.001 min
Lab File: VY018090.D
Acq: 01 May 2024 10:09

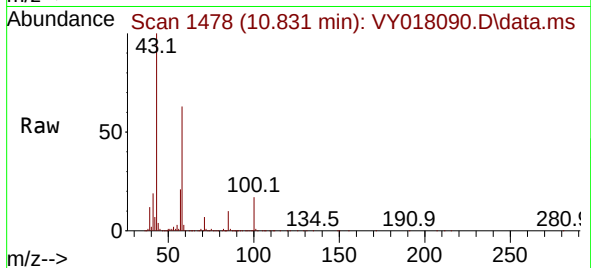
Tgt Ion: 63 Resp: 143208
Ion Ratio Lower Upper
63 100
106 34.6 23.7 35.5





#59
2-Hexanone
Concen: 78.961 ug/l
RT: 10.831 min Scan# 1477
Delta R.T. 0.000 min
Lab File: VY018090.D
Acq: 01 May 2024 10:09

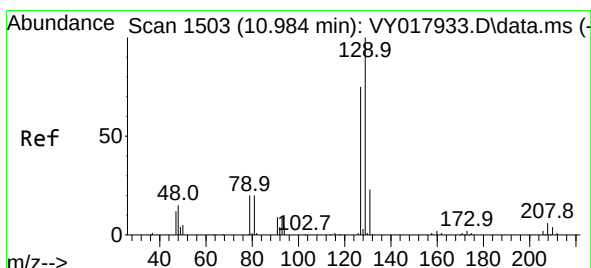
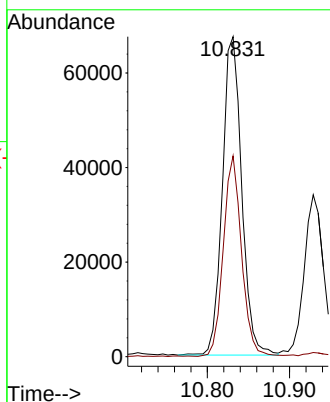
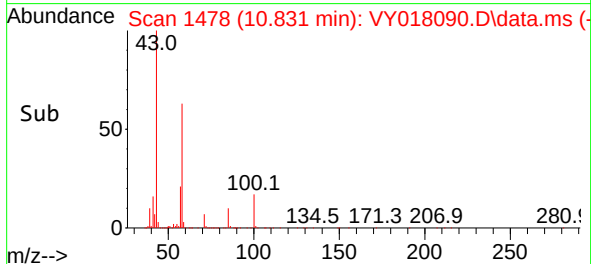
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020



Tgt Ion: 43 Resp: 10994
Ion Ratio Lower Upper
43 100
58 59.4 31.4 94.0

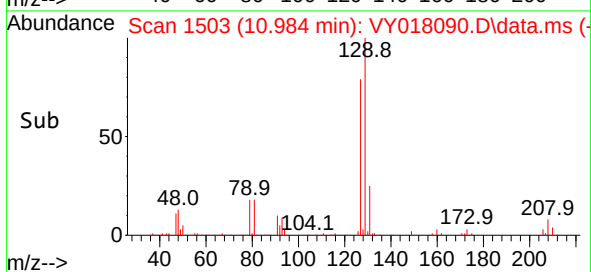
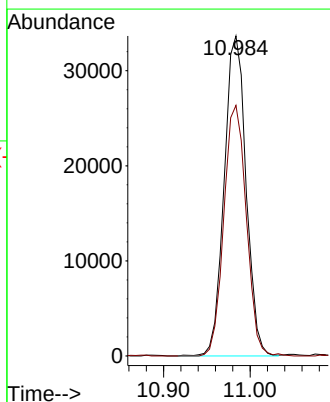
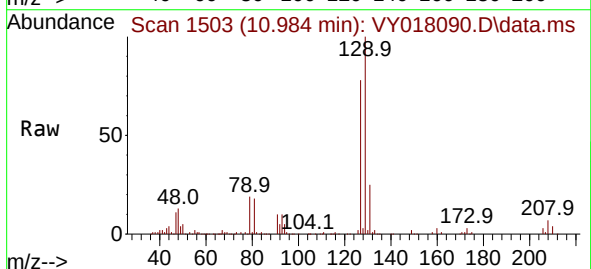
Manual Integrations
APPROVED

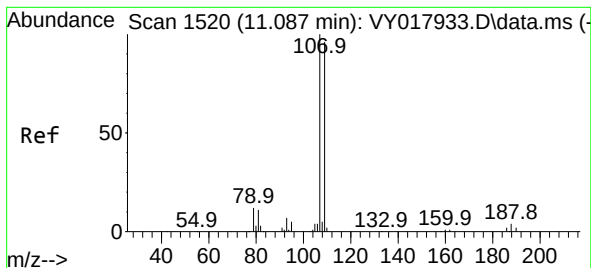
Reviewed By :Romaben Patel 05/02/2024
Supervised By :Semsettin Yesilyurt 05/02/2024



#60
Dibromochloromethane
Concen: 17.363 ug/l
RT: 10.984 min Scan# 1503
Delta R.T. 0.001 min
Lab File: VY018090.D
Acq: 01 May 2024 10:09

Tgt Ion:129 Resp: 59070
Ion Ratio Lower Upper
129 100
127 80.2 39.0 117.0





#61

1,2-Dibromoethane

Concen: 17.333 ug/l

RT: 11.087 min Scan# 1520

Delta R.T. 0.000 min

Lab File: VY018090.D

Acq: 01 May 2024 10:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

Tgt Ion:107 Resp: 4160

Ion Ratio Lower Upper

107 100

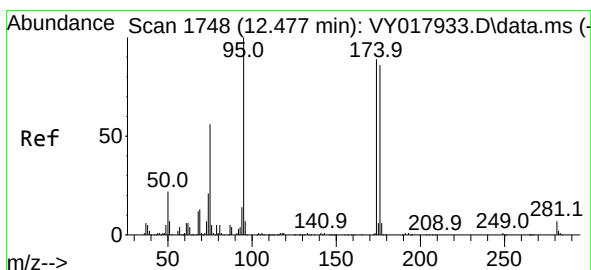
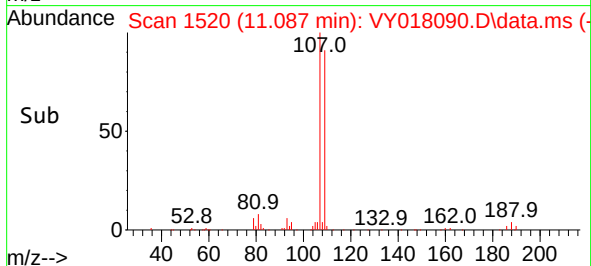
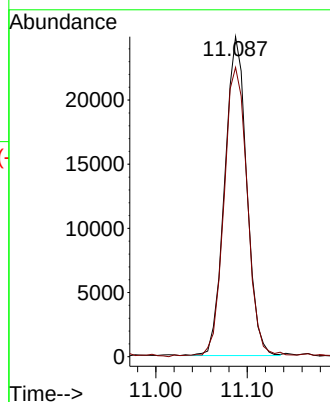
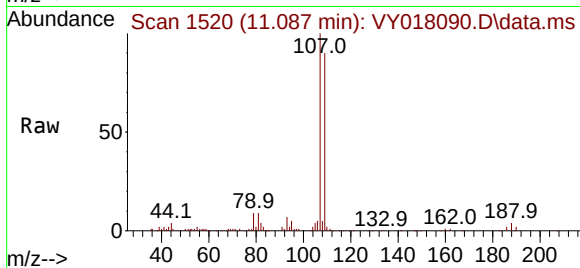
109 96.8 75.9 113.9

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 05/02/2024

Supervised By :Semsettin Yesilyurt 05/02/2024



#62

4-Bromofluorobenzene

Concen: 18.427 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VY018090.D

Acq: 01 May 2024 10:09

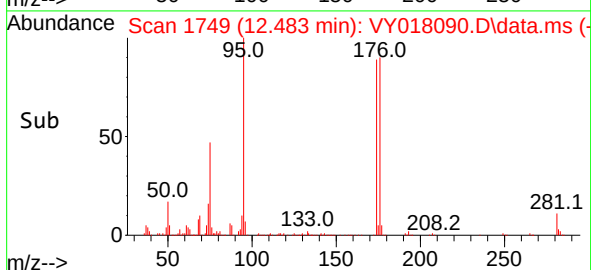
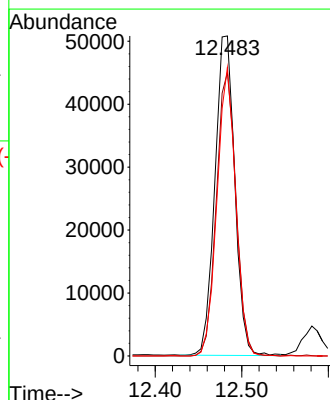
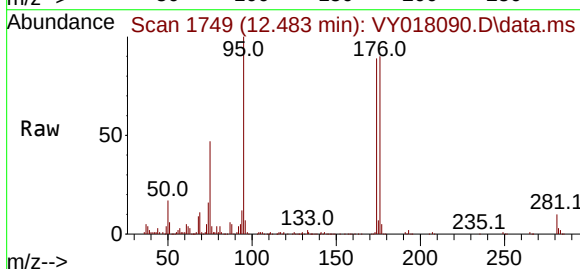
Tgt Ion: 95 Resp: 81028

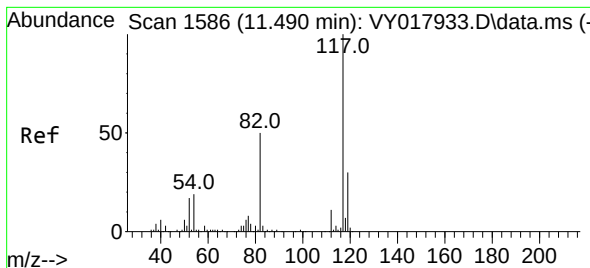
Ion Ratio Lower Upper

95 100

174 87.6 0.0 175.6

176 85.0 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 1586

Delta R.T. 0.001 min

Lab File: VY018090.D

Acq: 01 May 2024 10:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

Tgt Ion:117 Resp: 477608

Ion Ratio Lower Upper

117 100

82 50.1 42.4 63.6

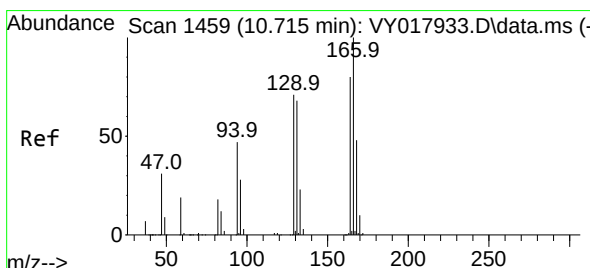
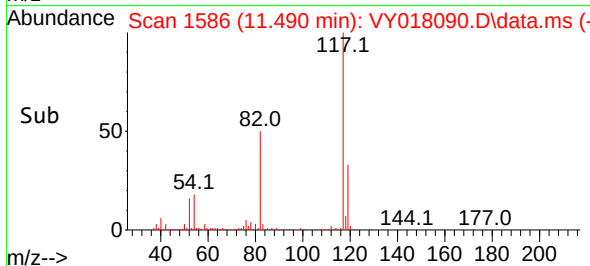
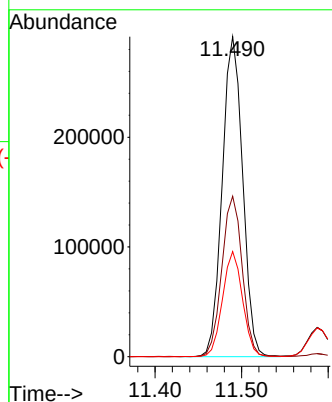
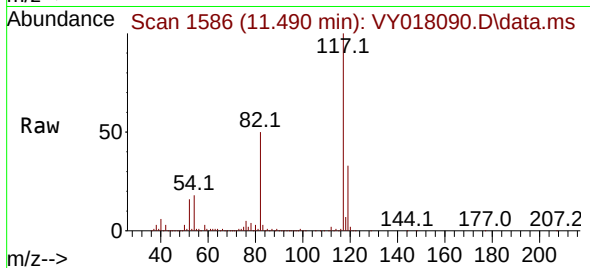
119 32.9 25.9 38.9

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 05/02/2024

Supervised By :Semsettin Yesilyurt 05/02/2024



#64

Tetrachloroethene

Concen: 19.575 ug/l

RT: 10.715 min Scan# 1459

Delta R.T. -0.006 min

Lab File: VY018090.D

Acq: 01 May 2024 10:09

Tgt Ion:164 Resp: 67677

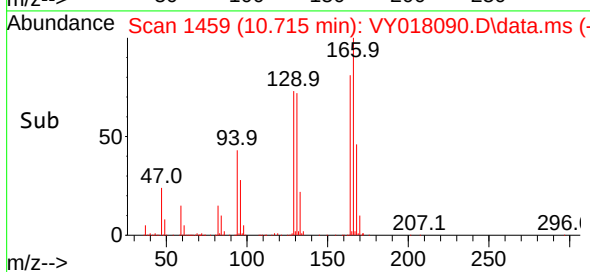
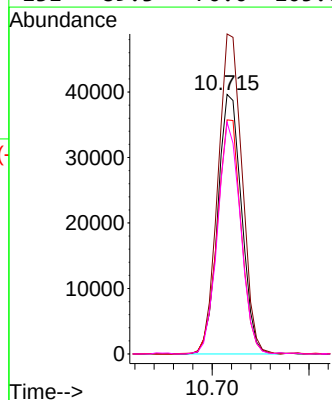
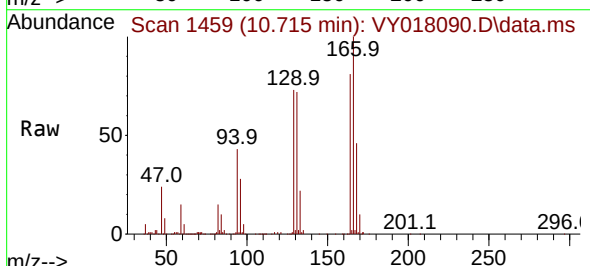
Ion Ratio Lower Upper

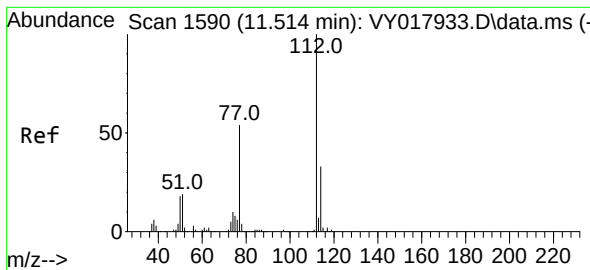
164 100

166 123.3 102.6 154.0

129 90.2 72.0 108.0

131 89.3 70.0 105.0





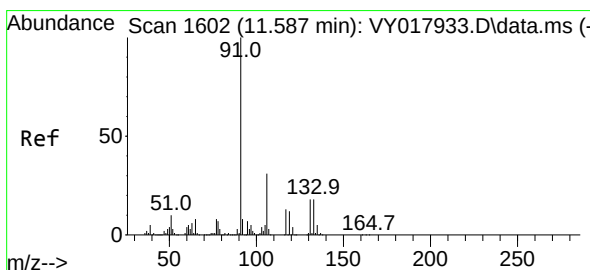
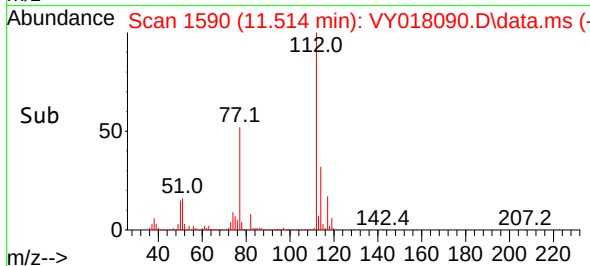
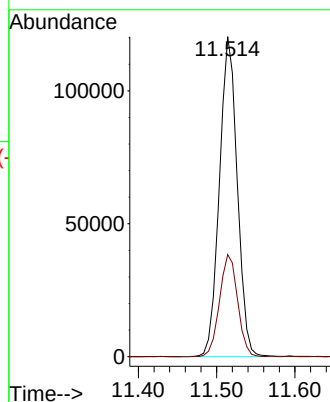
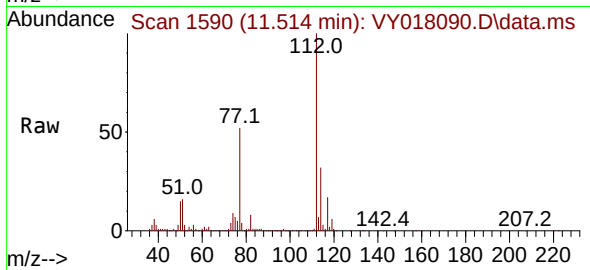
#65
Chlorobenzene
Concen: 18.936 ug/l
RT: 11.514 min Scan# 11590
Delta R.T. 0.000 min
Lab File: VY018090.D
Acq: 01 May 2024 10:09

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion:112 Resp: 19089
Ion Ratio Lower Upper
112 100
114 31.9 26.4 39.6

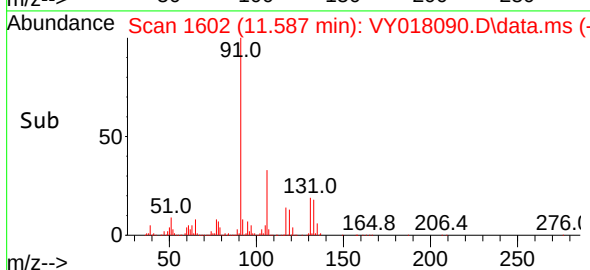
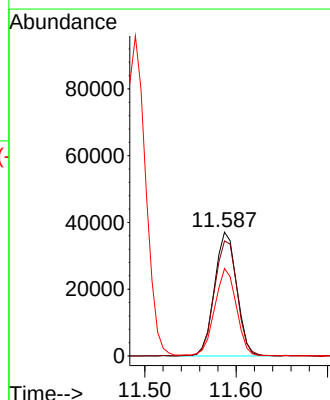
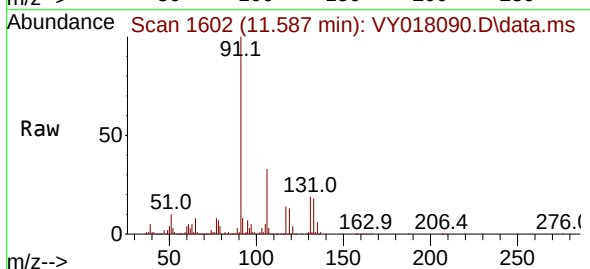
Manual Integrations
APPROVED

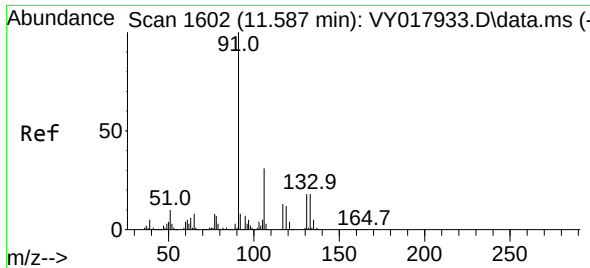
Reviewed By :Romaben Patel 05/02/2024
Supervised By :Semsettin Yesilyurt 05/02/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 18.473 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VY018090.D
Acq: 01 May 2024 10:09

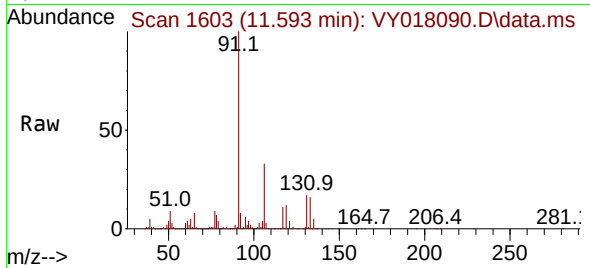
Tgt Ion:131 Resp: 62642
Ion Ratio Lower Upper
131 100
133 95.7 47.8 143.3
119 69.3 34.1 102.2





#67
Ethyl Benzene
Concen: 19.143 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY018090.D
Acq: 01 May 2024 10:09

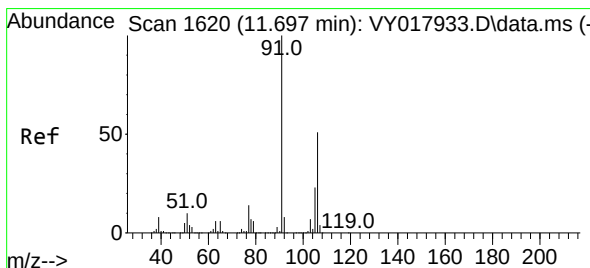
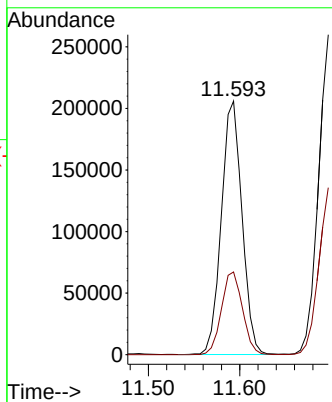
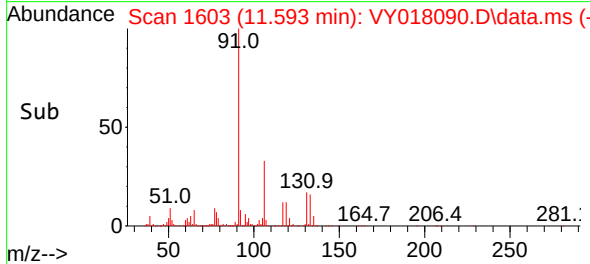
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020



Tgt Ion: 91 Resp: 323615
Ion Ratio Lower Upper
91 100
106 32.6 24.5 36.7

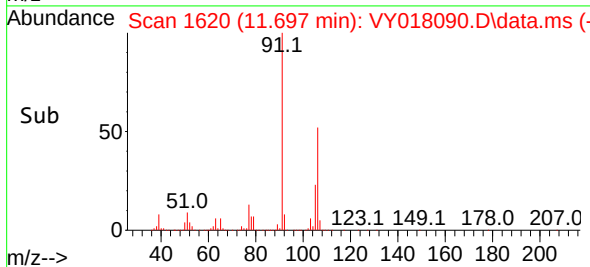
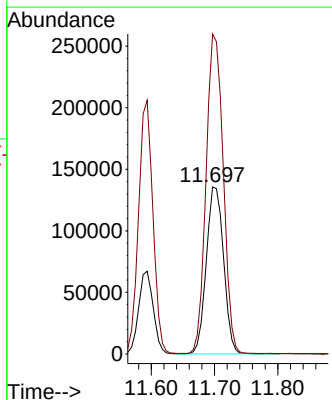
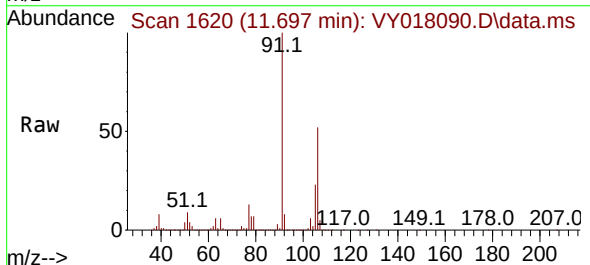
Manual Integrations
APPROVED

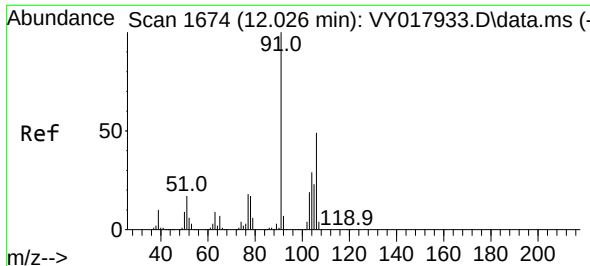
Reviewed By :Romaben Patel 05/02/2024
Supervised By :Semsettin Yesilyurt 05/02/2024



#68
m/p-Xylenes
Concen: 38.095 ug/l
RT: 11.697 min Scan# 1620
Delta R.T. -0.006 min
Lab File: VY018090.D
Acq: 01 May 2024 10:09

Tgt Ion:106 Resp: 258050
Ion Ratio Lower Upper
106 100
91 190.2 156.0 234.0





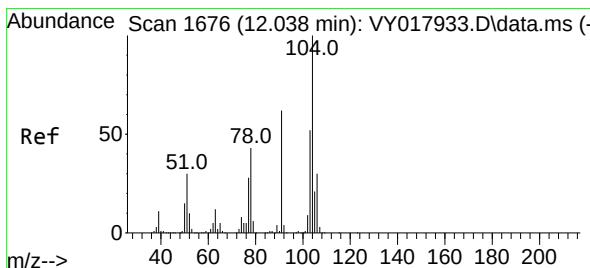
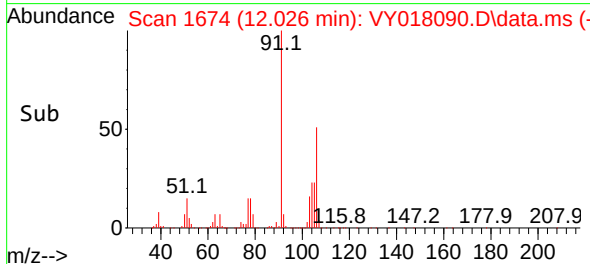
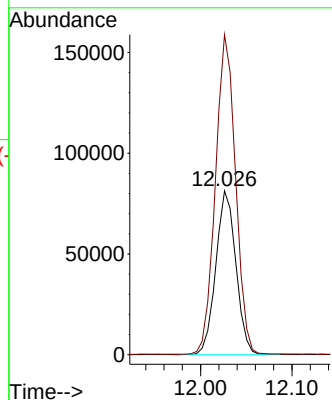
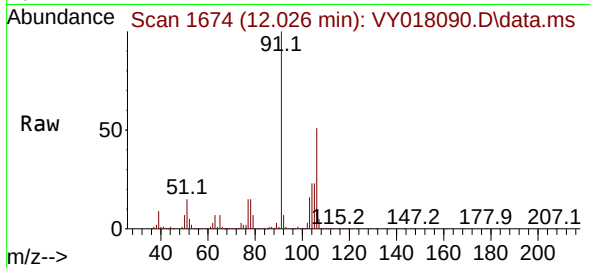
#69
o-Xylene
Concen: 19.070 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. -0.006 min
Lab File: VY018090.D
Acq: 01 May 2024 10:09

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tgt Ion:106 Resp: 124095
Ion Ratio Lower Upper
106 100
91 195.6 103.6 310.8

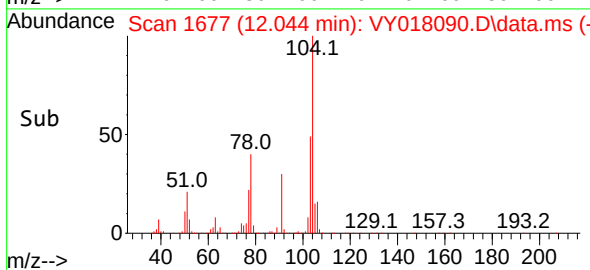
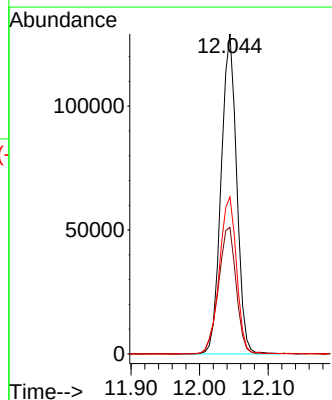
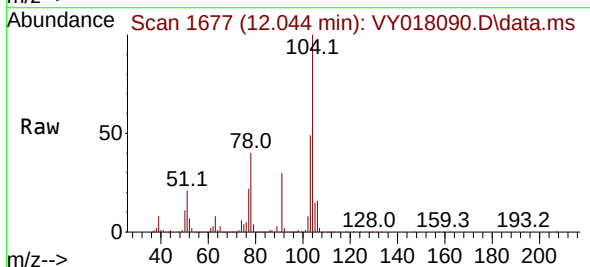
Manual Integrations
APPROVED

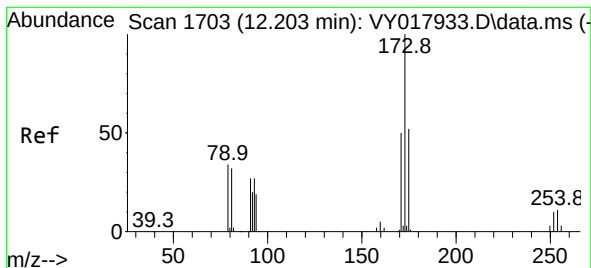
Reviewed By :Romaben Patel 05/02/2024
Supervised By :Semsettin Yesilyurt 05/02/2024



#70
Styrene
Concen: 18.514 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VY018090.D
Acq: 01 May 2024 10:09

Tgt Ion:104 Resp: 202766
Ion Ratio Lower Upper
104 100
78 45.2 37.0 55.4
103 54.5 44.2 66.2





#71

Bromoform

Concen: 17.077 ug/l

RT: 12.209 min Scan# 1704

Delta R.T. 0.000 min

Lab File: VY018090.D

Acq: 01 May 2024 10:09

Instrument :

MSVOA_Y

ClientSampleId :

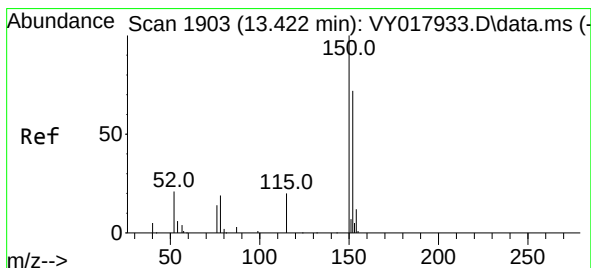
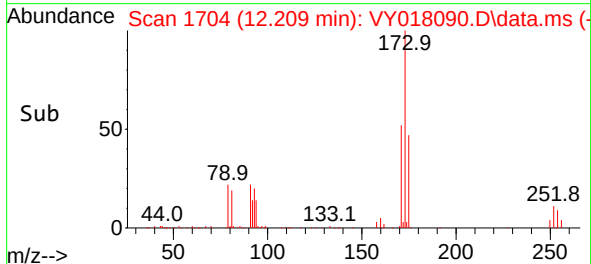
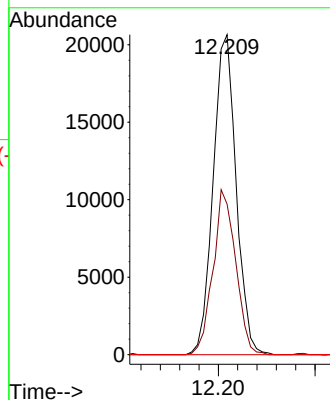
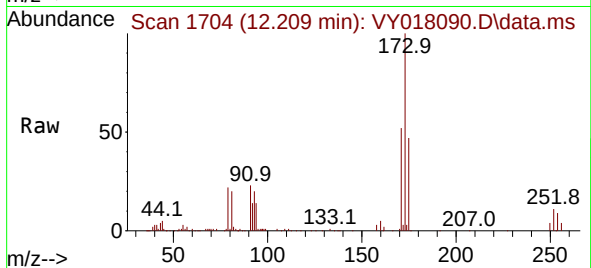
VSTDICC020

Tgt Ion:173	Resp:	33930
Ion Ratio	Lower	Upper
173	100	
175	51.0	25.1 75.3
254	0.0	0.0 0.0

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 05/02/2024
Supervised By :Semsettin Yesilyurt 05/02/2024



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

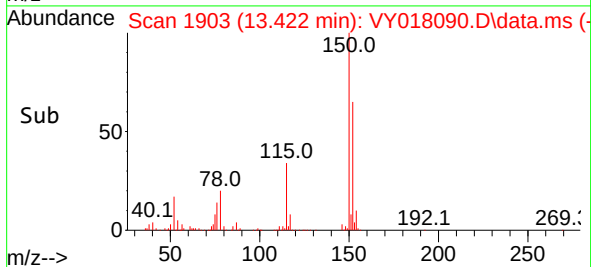
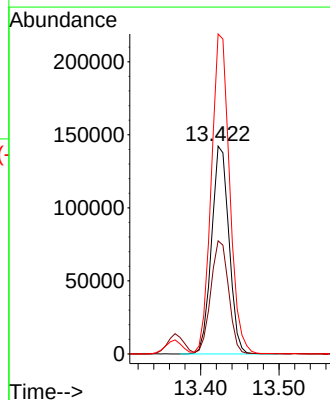
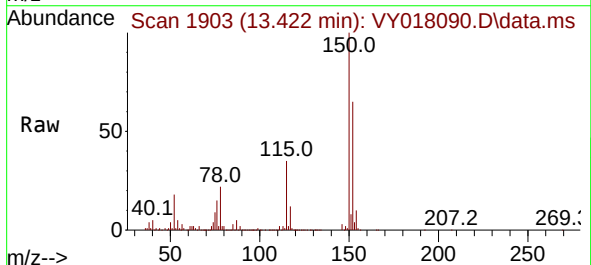
RT: 13.422 min Scan# 1903

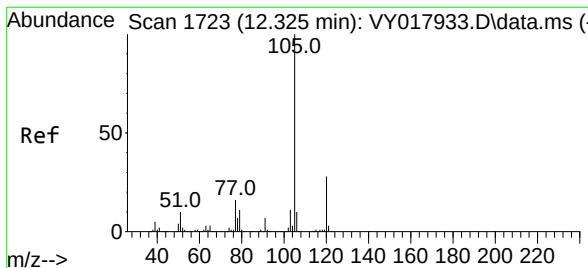
Delta R.T. -0.006 min

Lab File: VY018090.D

Acq: 01 May 2024 10:09

Tgt Ion:152	Resp:	219412
Ion Ratio	Lower	Upper
152	100	
115	55.9	28.2 84.7
150	162.2	0.0 345.6





#73

Isopropylbenzene

Concen: 19.289 ug/l

RT: 12.325 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY018090.D

Acq: 01 May 2024 10:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

Tgt Ion:105 Resp: 31852

Ion Ratio Lower Upper

105 100

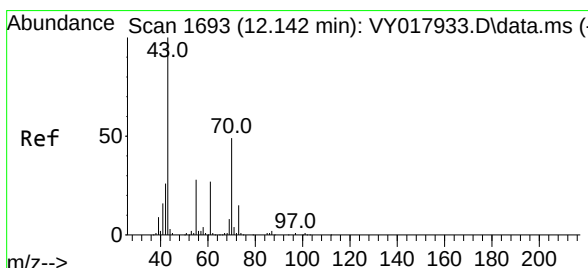
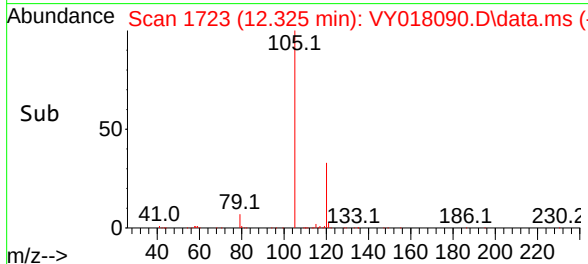
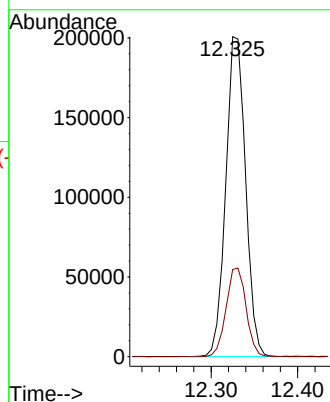
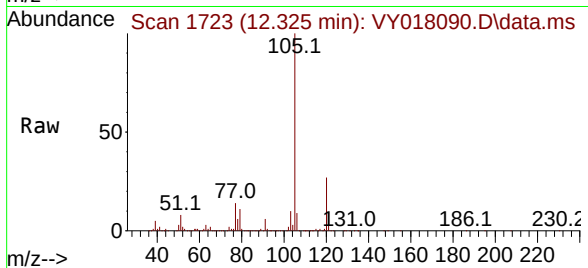
120 28.0 13.4 40.1

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 05/02/2024

Supervised By :Semsettin Yesilyurt 05/02/2024



#74

N-ethyl acetate

Concen: 17.160 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. -0.000 min

Lab File: VY018090.D

Acq: 01 May 2024 10:09

Tgt Ion: 43 Resp: 62197

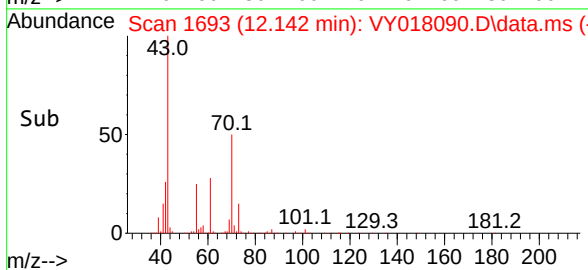
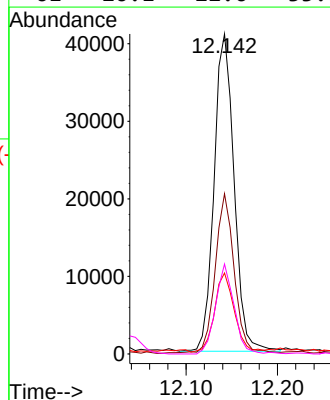
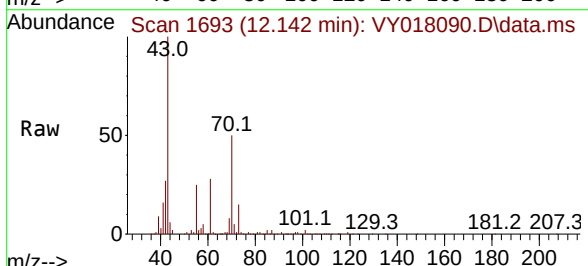
Ion Ratio Lower Upper

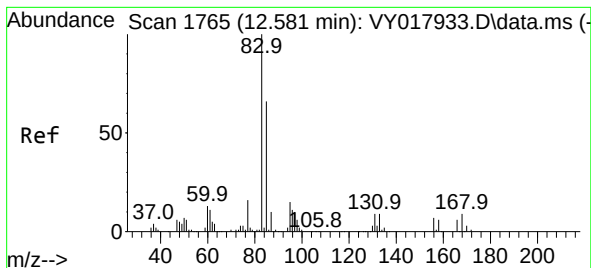
43 100

70 48.4 41.4 62.2

55 24.6 23.3 34.9

61 26.1 22.6 33.8





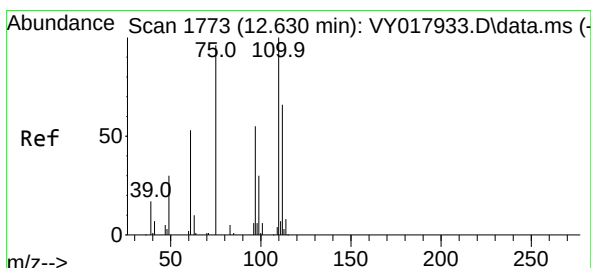
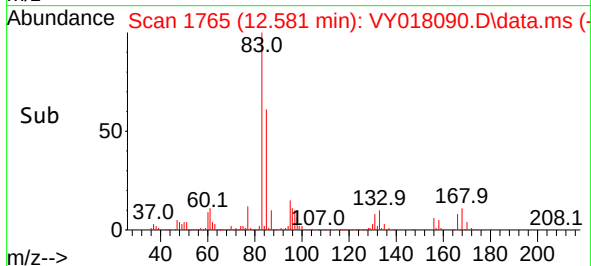
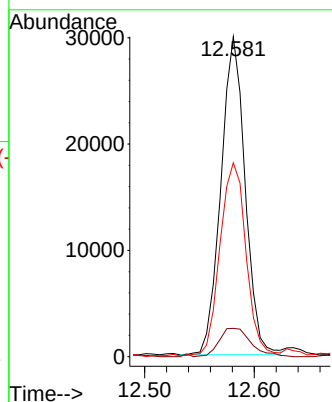
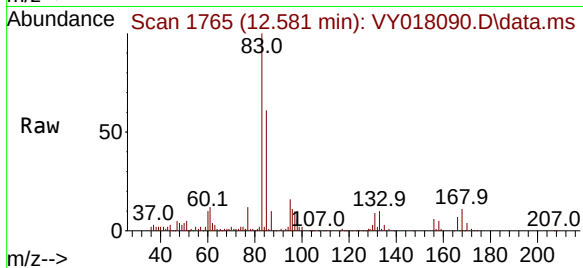
#75
1,1,2,2-Tetrachloroethane
Concen: 17.485 ug/l
RT: 12.581 min Scan# 1765
Delta R.T. -0.000 min
Lab File: VY018090.D
Acq: 01 May 2024 10:09

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion: 83 Resp: 4594
Ion Ratio Lower Upper
83 100
131 11.7 5.0 14.9
85 65.0 32.0 96.0

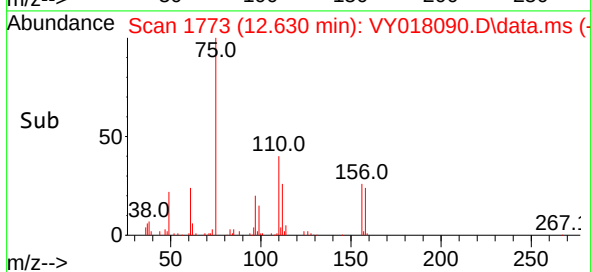
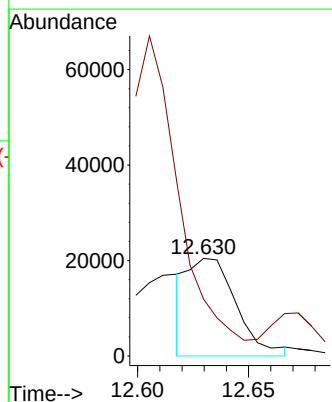
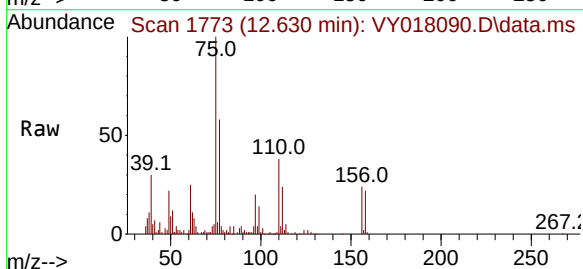
Manual Integrations
APPROVED

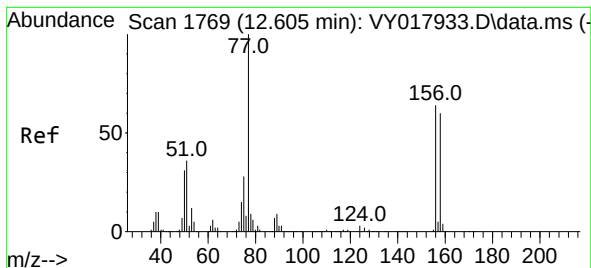
Reviewed By :Romaben Patel 05/02/2024
Supervised By :Semsettin Yesilyurt 05/02/2024



#76
1,2,3-Trichloropropane
Concen: 9.216 ug/l m
RT: 12.630 min Scan# 1773
Delta R.T. -0.006 min
Lab File: VY018090.D
Acq: 01 May 2024 10:09

Tgt Ion: 75 Resp: 31387
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 18.740 ug/l

RT: 12.605 min Scan# 1769

Delta R.T. -0.006 min

Lab File: VY018090.D

Acq: 01 May 2024 10:09

Instrument :

MSVOA_Y

ClientSampleId :

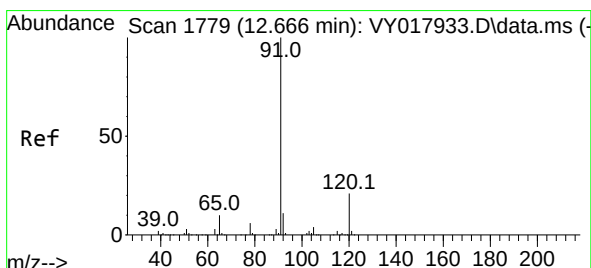
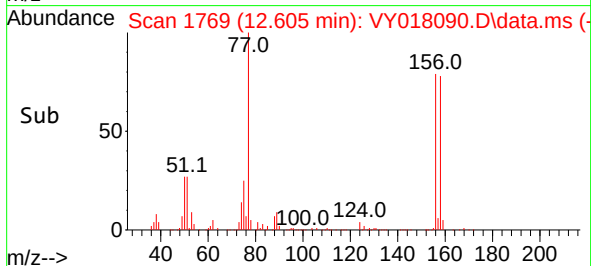
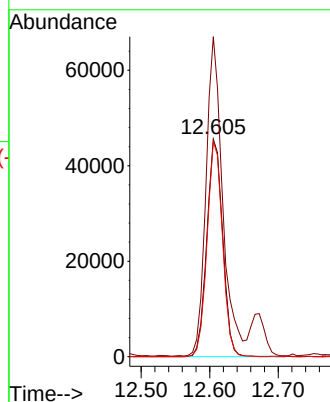
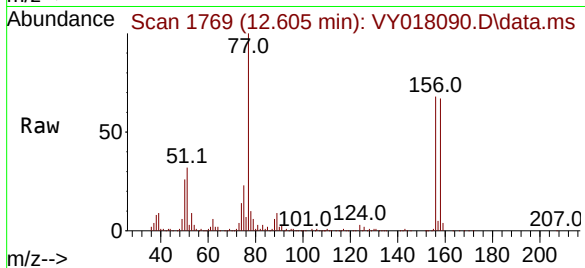
VSTDICC020

Tgt Ion:	156	Resp:	7353
Ion Ratio	Lower	Upper	
156	100		
77	153.3	87.1	261.3
158	96.1	48.6	145.9

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 05/02/2024
Supervised By :Semsettin Yesilyurt 05/02/2024



#78

n-propylbenzene

Concen: 19.197 ug/l

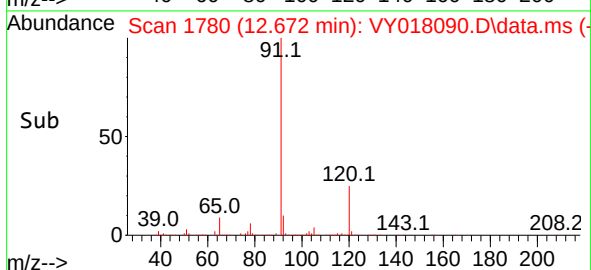
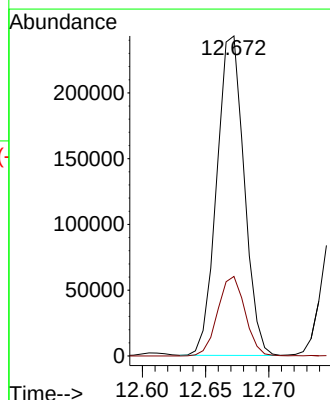
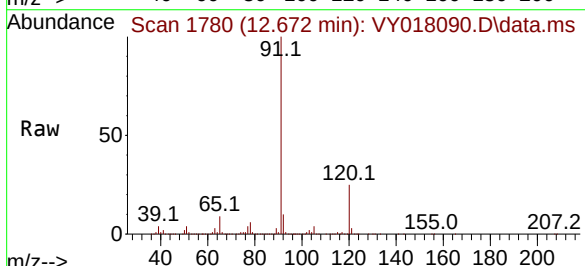
RT: 12.672 min Scan# 1780

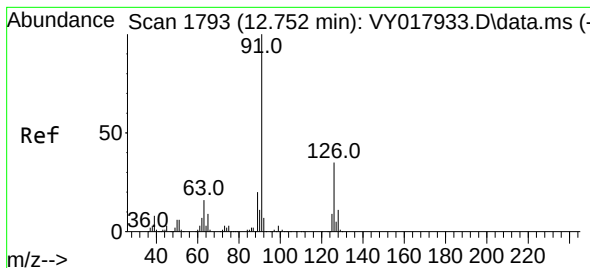
Delta R.T. 0.000 min

Lab File: VY018090.D

Acq: 01 May 2024 10:09

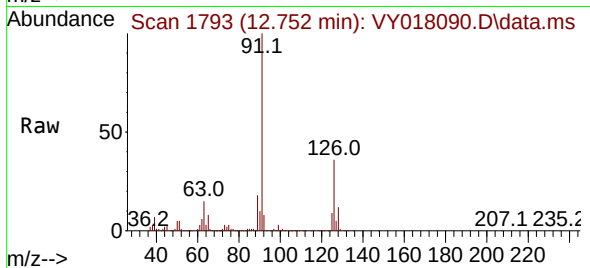
Tgt Ion:	91	Resp:	365046
Ion Ratio	Lower	Upper	
91	100		
120	24.8	11.5	34.4





#79
2-Chlorotoluene
Concen: 18.637 ug/l
RT: 12.752 min Scan# 1793
Delta R.T. -0.005 min
Lab File: VY018090.D
Acq: 01 May 2024 10:09

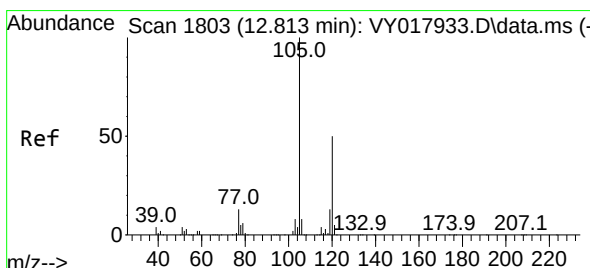
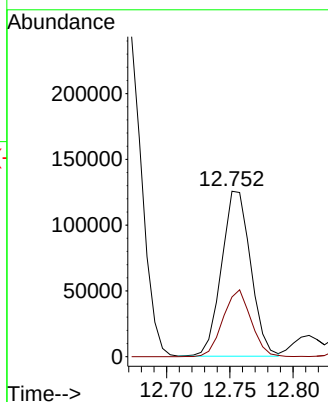
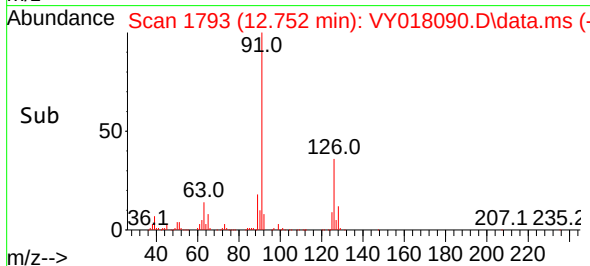
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020



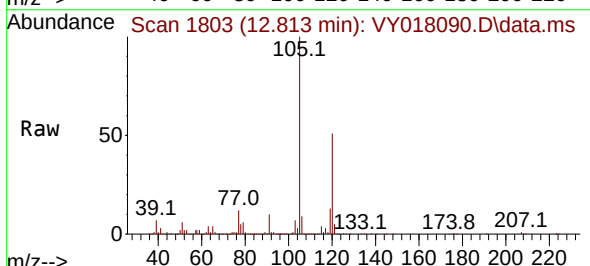
Tgt Ion: 91 Resp: 201278
Ion Ratio Lower Upper
91 100
126 38.9 17.8 53.5

Manual Integrations
APPROVED

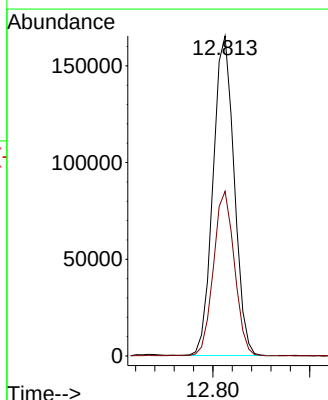
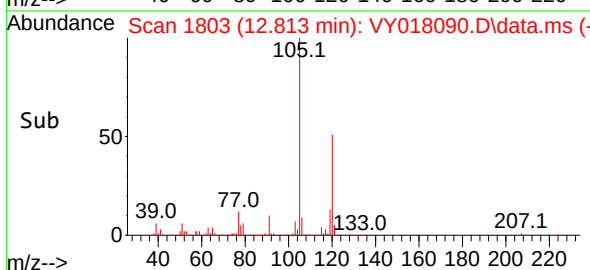
Reviewed By :Romaben Patel 05/02/2024
Supervised By :Semsettin Yesilyurt 05/02/2024

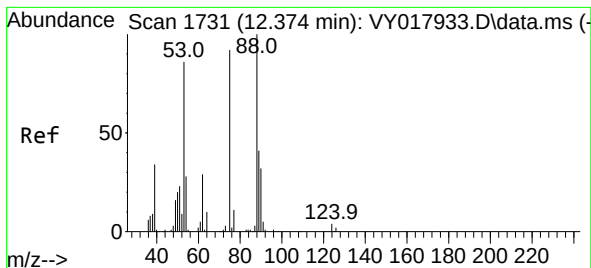


#80
1,3,5-Trimethylbenzene
Concen: 18.792 ug/l
RT: 12.813 min Scan# 1803
Delta R.T. 0.001 min
Lab File: VY018090.D
Acq: 01 May 2024 10:09



Tgt Ion:105 Resp: 250103
Ion Ratio Lower Upper
105 100
120 51.2 25.1 75.2





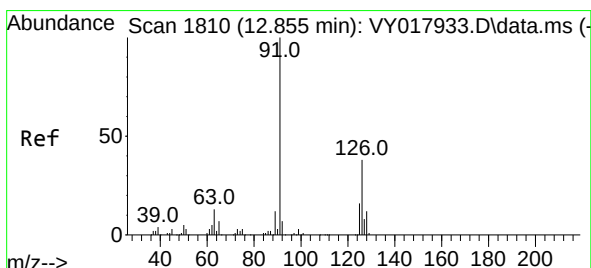
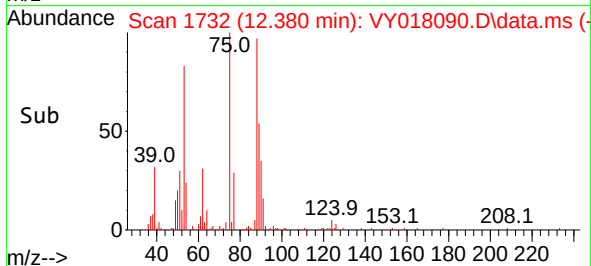
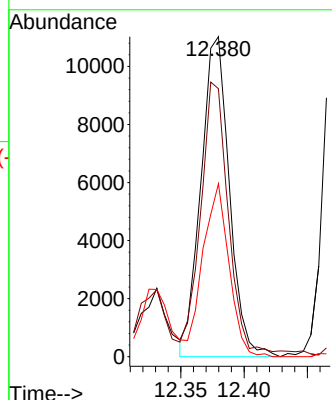
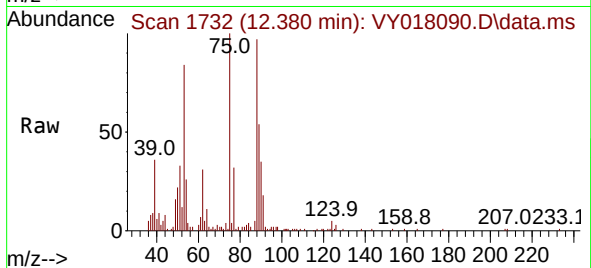
#81
trans-1,4-Dichloro-2-butene
Concen: 17.070 ug/l
RT: 12.380 min Scan# 1731
Delta R.T. 0.001 min
Lab File: VY018090.D
Acq: 01 May 2024 10:09

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tgt Ion: 75 Resp: 17254
Ion Ratio Lower Upper
75 100
53 83.5 66.8 100.2
89 49.0 35.8 53.6

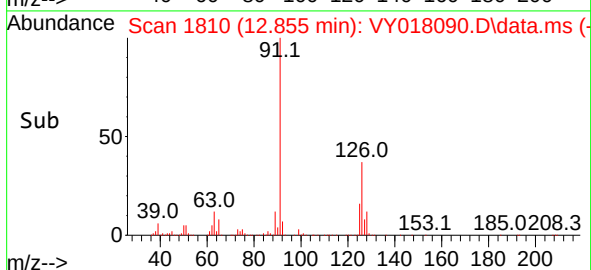
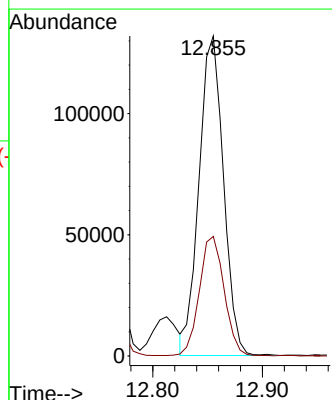
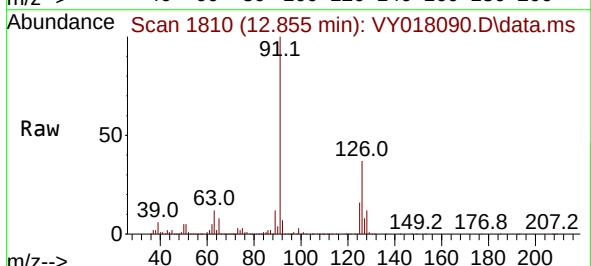
Manual Integrations
APPROVED

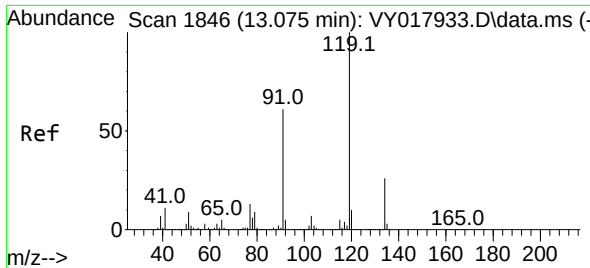
Reviewed By :Romaben Patel 05/02/2024
Supervised By :Semsettin Yesilyurt 05/02/2024



#82
4-Chlorotoluene
Concen: 18.449 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY018090.D
Acq: 01 May 2024 10:09

Tgt Ion: 91 Resp: 204177
Ion Ratio Lower Upper
91 100
126 38.0 17.6 52.9





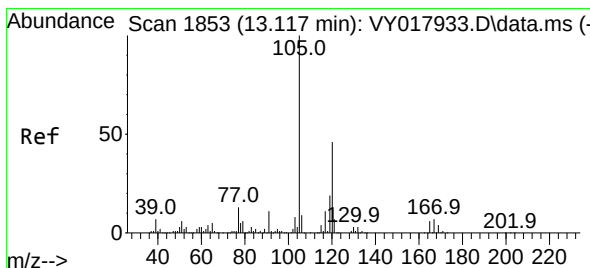
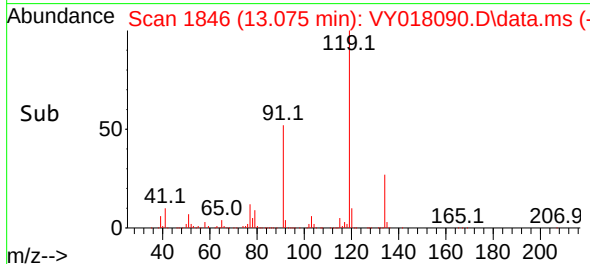
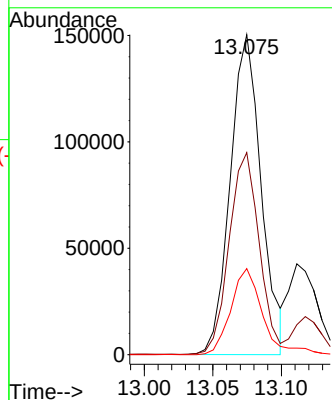
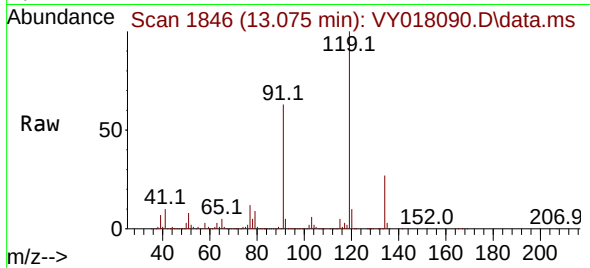
#83
tert-Butylbenzene
Concen: 19.422 ug/l
RT: 13.075 min Scan# 1846
Delta R.T. 0.001 min
Lab File: VY018090.D
Acq: 01 May 2024 10:09

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion:119 Resp: 236654
Ion Ratio Lower Upper
119 100
91 61.1 31.3 93.8
134 27.7 13.4 40.1

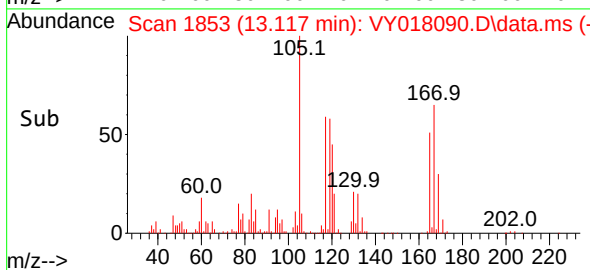
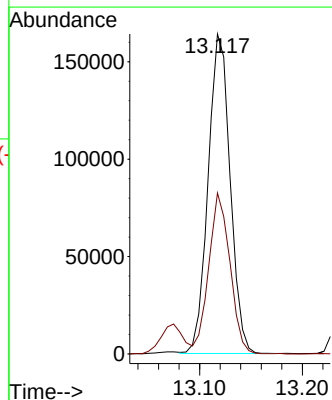
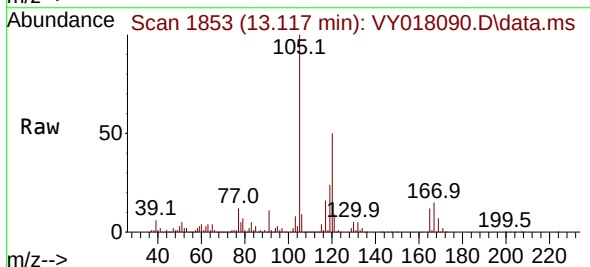
Manual Integrations
APPROVED

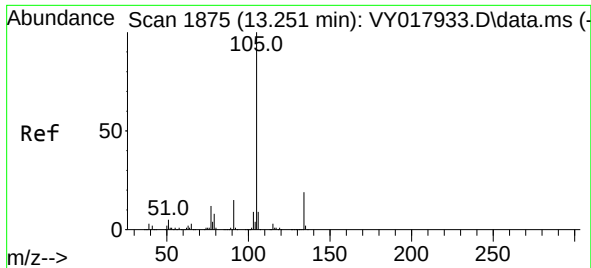
Reviewed By :Romaben Patel 05/02/2024
Supervised By :Semsettin Yesilyurt 05/02/2024



#84
1,2,4-Trimethylbenzene
Concen: 18.746 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VY018090.D
Acq: 01 May 2024 10:09

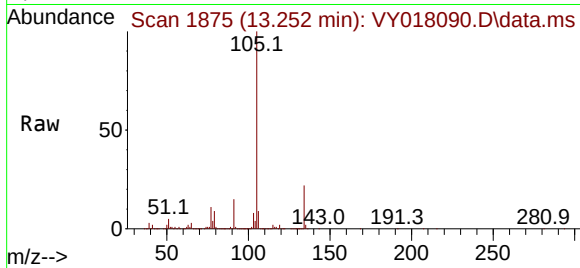
Tgt Ion:105 Resp: 244411
Ion Ratio Lower Upper
105 100
120 48.5 23.2 69.6





#85
 sec-Butylbenzene
 Concen: 19.528 ug/l
 RT: 13.252 min Scan# 1875
 Delta R.T. 0.000 min
 Lab File: VY018090.D
 Acq: 01 May 2024 10:09

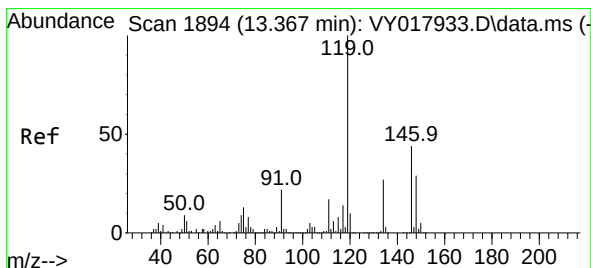
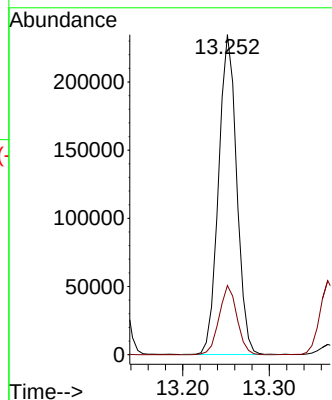
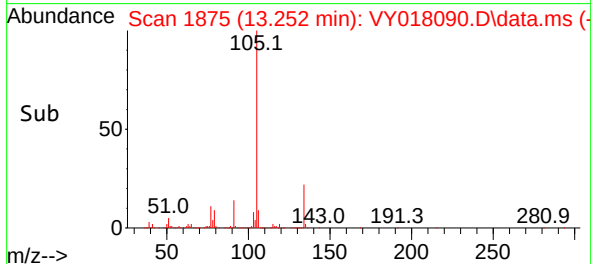
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020



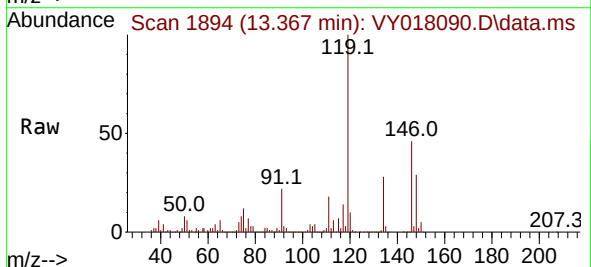
Tgt Ion:105 Resp: 34145
 Ion Ratio Lower Upper
 105 100
 134 21.3 10.1 30.1

Manual Integrations
 APPROVED

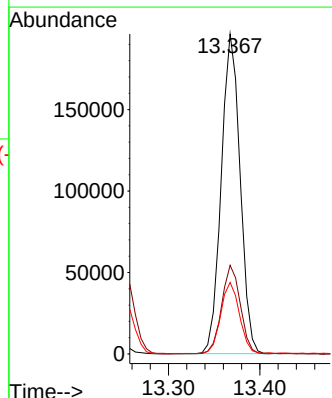
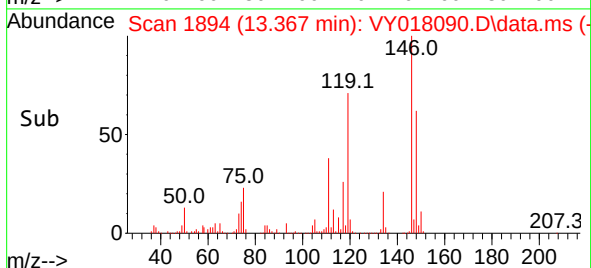
Reviewed By :Romaben Patel 05/02/2024
 Supervised By :Semsettin Yesilyurt 05/02/2024

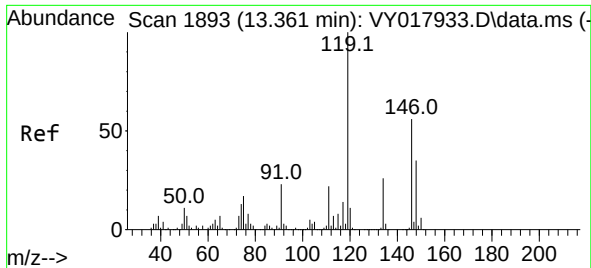


#86
 p-Isopropyltoluene
 Concen: 19.328 ug/l
 RT: 13.367 min Scan# 1894
 Delta R.T. 0.000 min
 Lab File: VY018090.D
 Acq: 01 May 2024 10:09



Tgt Ion:119 Resp: 281649
 Ion Ratio Lower Upper
 119 100
 134 27.6 13.1 39.3
 91 22.5 10.7 32.1





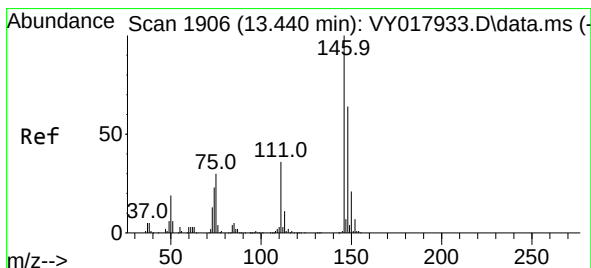
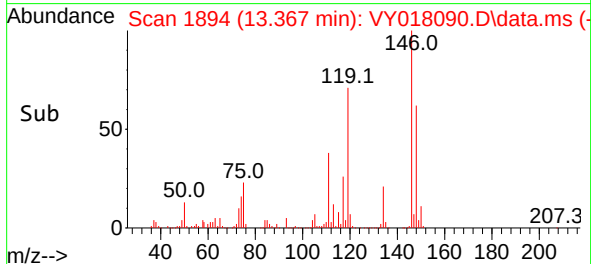
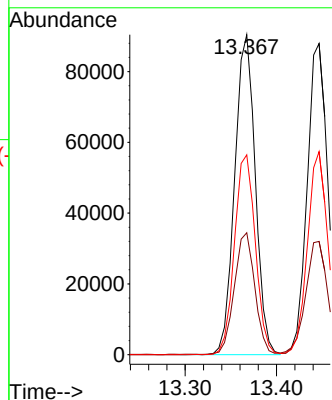
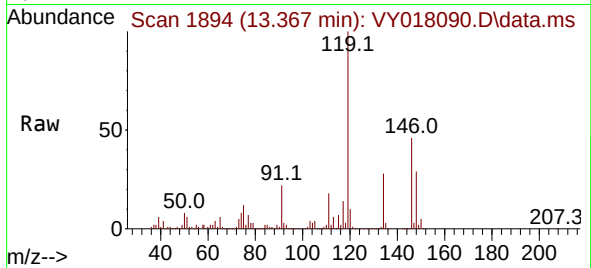
#87
1,3-Dichlorobenzene
Concen: 18.828 ug/l
RT: 13.367 min Scan# 1893
Delta R.T. 0.000 min
Lab File: VY018090.D
Acq: 01 May 2024 10:09

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion:146 Resp: 141304
Ion Ratio Lower Upper
146 100
111 37.8 19.0 57.0
148 63.5 31.7 95.1

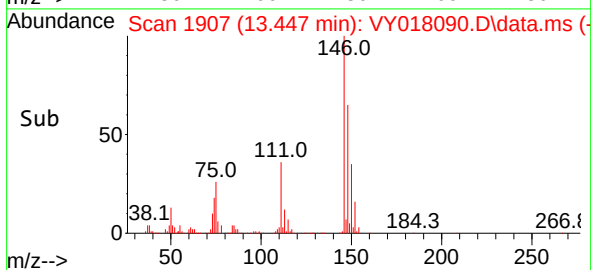
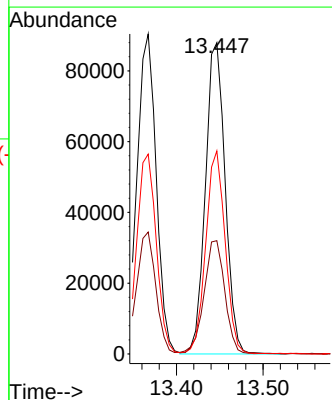
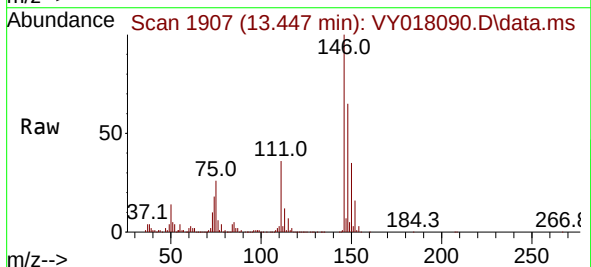
Manual Integrations
APPROVED

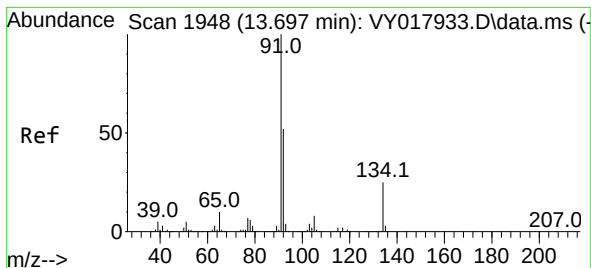
Reviewed By :Romaben Patel 05/02/2024
Supervised By :Semsettin Yesilyurt 05/02/2024



#88
1,4-Dichlorobenzene
Concen: 18.787 ug/l
RT: 13.447 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY018090.D
Acq: 01 May 2024 10:09

Tgt Ion:146 Resp: 138965
Ion Ratio Lower Upper
146 100
111 38.3 18.4 55.4
148 64.2 32.4 97.2





#89

n-Butylbenzene

Concen: 19.465 ug/l

RT: 13.697 min Scan# 1948

Delta R.T. 0.000 min

Lab File: VY018090.D

Acq: 01 May 2024 10:09

Instrument :

MSVOA_Y

ClientSampleId :

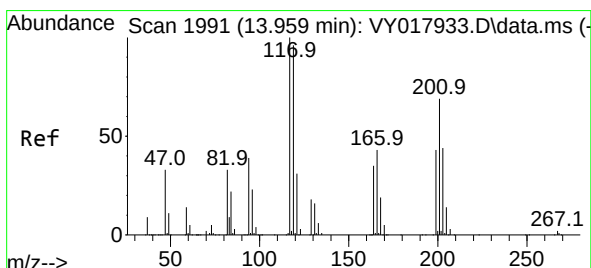
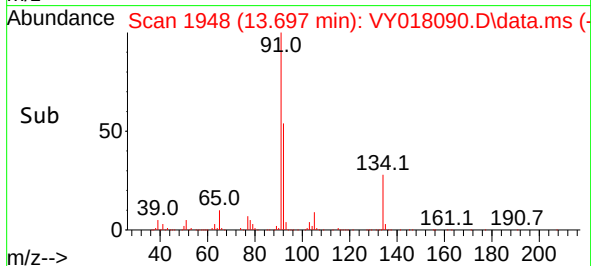
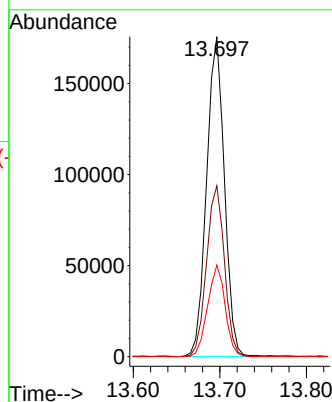
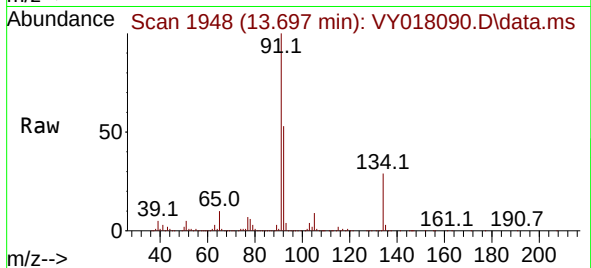
VSTDICC020

Tgt Ion:	91	Resp:	25101
Ion Ratio	Lower	Upper	
91	100		
92	53.7	26.6	79.7
134	28.3	12.9	38.7

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 05/02/2024
Supervised By :Semsettin Yesilyurt 05/02/2024



#90

Hexachloroethane

Concen: 19.033 ug/l

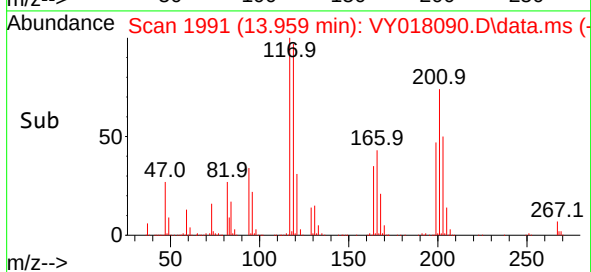
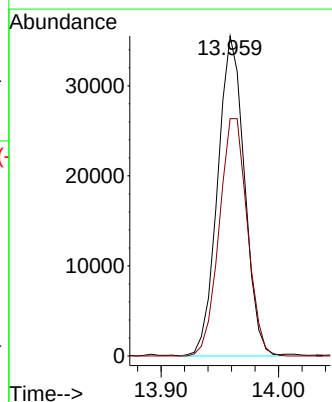
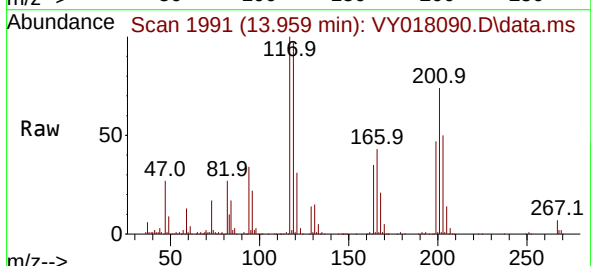
RT: 13.959 min Scan# 1991

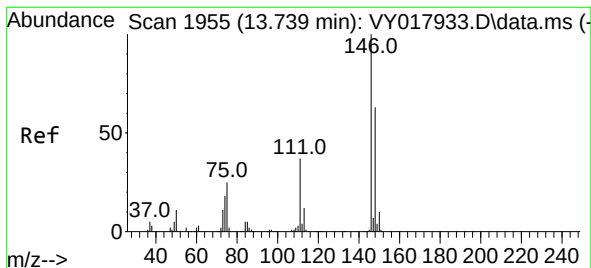
Delta R.T. 0.000 min

Lab File: VY018090.D

Acq: 01 May 2024 10:09

Tgt Ion:	117	Resp:	56349
Ion Ratio	Lower	Upper	
117	100		
201	77.7	37.4	112.2





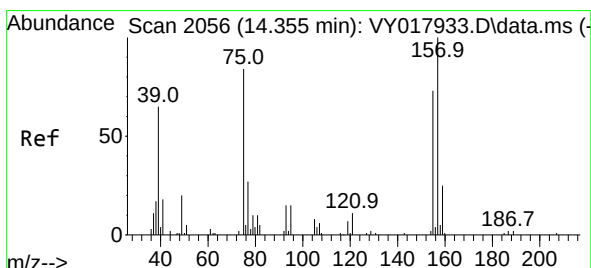
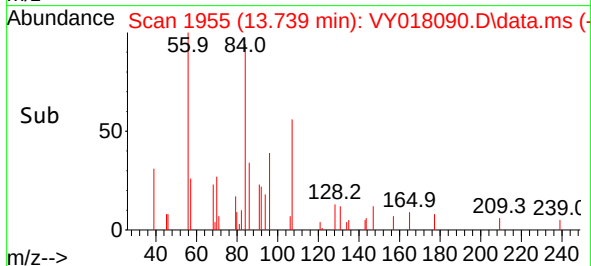
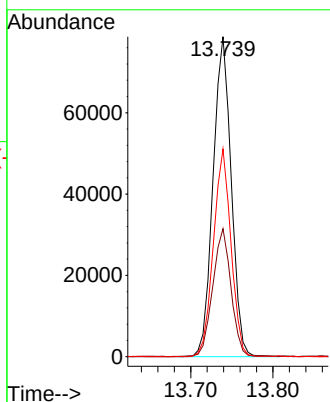
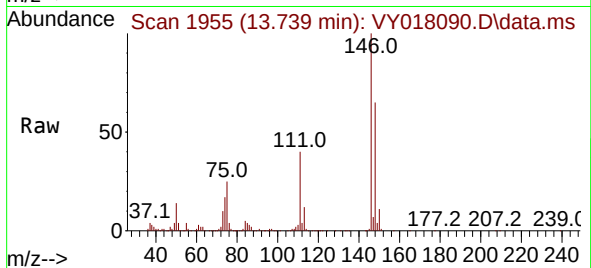
#91
1,2-Dichlorobenzene
Concen: 18.478 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. 0.000 min
Lab File: VY018090.D
Acq: 01 May 2024 10:09

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tgt Ion:146 Resp: 12083
Ion Ratio Lower Upper
146 100
111 40.2 19.9 59.7
148 62.8 31.8 95.4

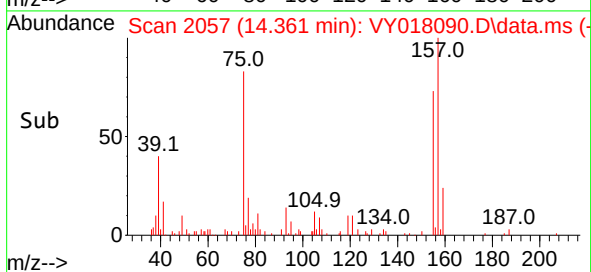
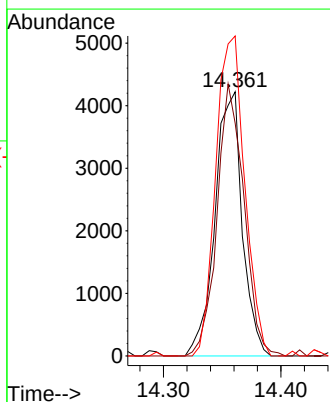
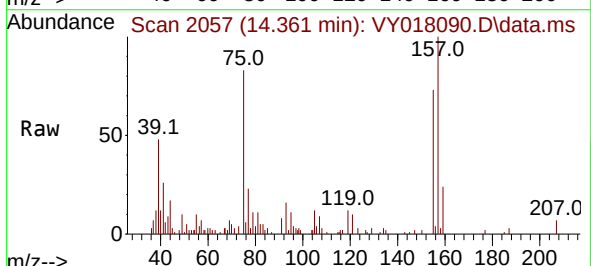
Manual Integrations
APPROVED

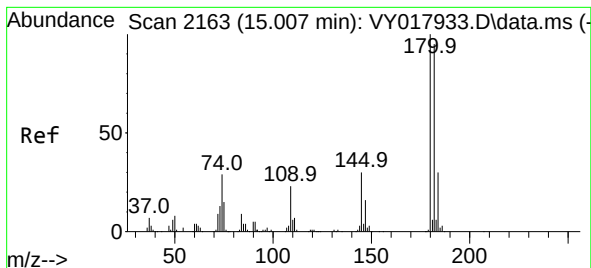
Reviewed By :Romaben Patel 05/02/2024
Supervised By :Semsettin Yesilyurt 05/02/2024



#92
1,2-Dibromo-3-Chloropropane
Concen: 17.206 ug/l
RT: 14.361 min Scan# 2057
Delta R.T. 0.006 min
Lab File: VY018090.D
Acq: 01 May 2024 10:09

Tgt Ion: 75 Resp: 6820
Ion Ratio Lower Upper
75 100
155 101.4 48.6 145.8
157 128.7 62.7 188.2





#93

1,2,4-Trichlorobenzene

Concen: 19.124 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY018090.D

Acq: 01 May 2024 10:09

Instrument :

MSVOA_Y

ClientSampleId :

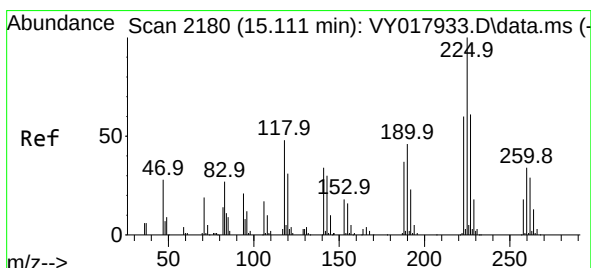
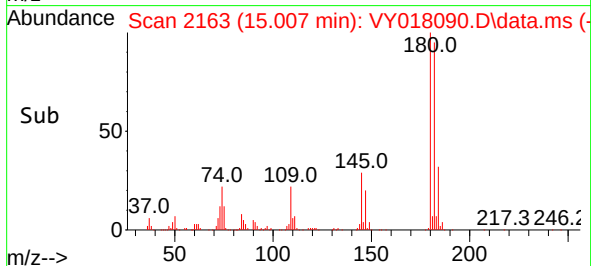
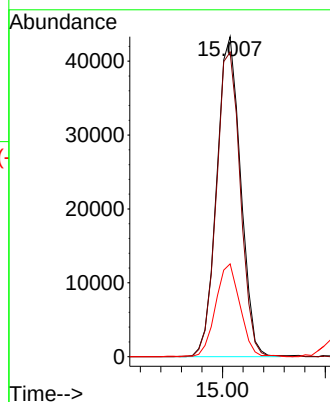
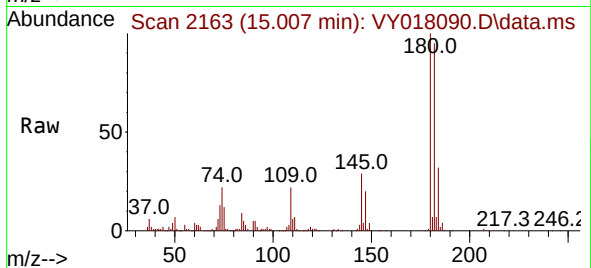
VSTDICC020

Tgt Ion:180	Resp: 6989
Ion Ratio	Lower Upper
180 100	
182 95.4	47.9 143.8
145 29.6	14.2 42.6

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 05/02/2024
Supervised By :Semsettin Yesilyurt 05/02/2024



#94

Hexachlorobutadiene

Concen: 20.234 ug/l

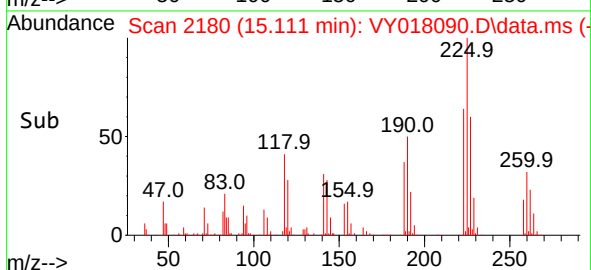
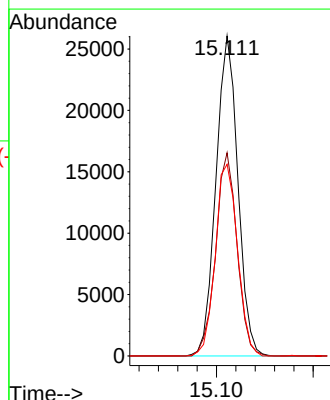
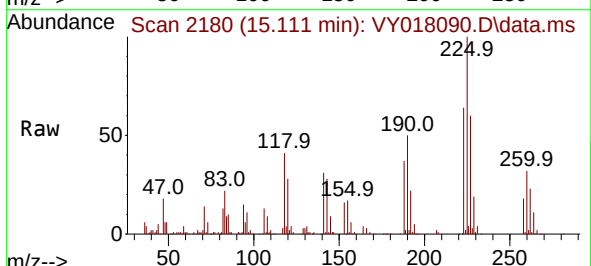
RT: 15.111 min Scan# 2180

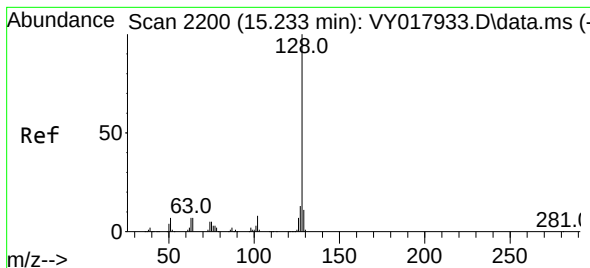
Delta R.T. 0.000 min

Lab File: VY018090.D

Acq: 01 May 2024 10:09

Tgt Ion:225	Resp: 40937
Ion Ratio	Lower Upper
225 100	
223 61.7	30.4 91.2
227 60.8	31.9 95.9





#95

Naphthalene

Concen: 17.510 ug/l

RT: 15.233 min Scan# 2200

Delta R.T. 0.000 min

Lab File: VY018090.D

Acq: 01 May 2024 10:09

Instrument :

MSVOA_Y

ClientSampleId :

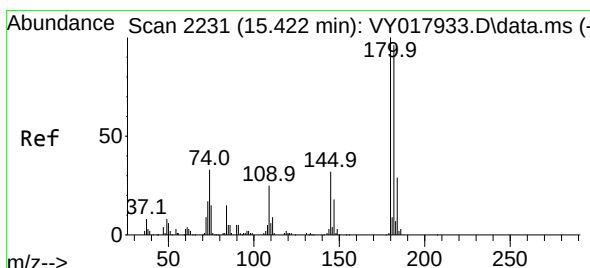
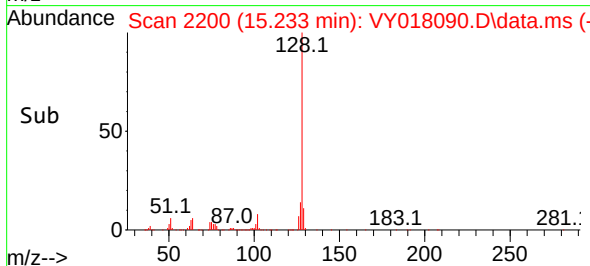
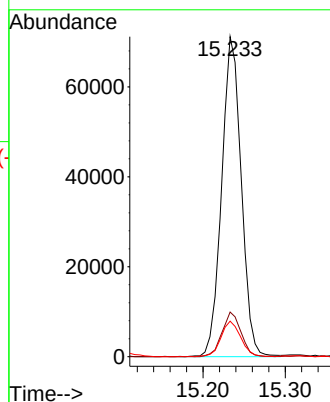
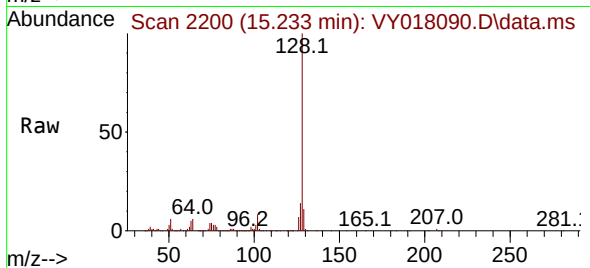
VSTDIC020

Tgt Ion:128	Resp:	11783
Ion Ratio	Lower	Upper
128	100	
127	13.6	10.6 16.0
129	11.2	8.6 13.0

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 05/02/2024
Supervised By :Semsettin Yesilyurt 05/02/2024



#96

1,2,3-Trichlorobenzene

Concen: 18.838 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. 0.000 min

Lab File: VY018090.D

Acq: 01 May 2024 10:09

Tgt Ion:180	Resp:	57452
Ion Ratio	Lower	Upper
180	100	
182	94.0	47.6 142.9
145	32.7	15.4 46.1

