

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111924\
 Data File : VY020338.D
 Acq On : 19 Nov 2024 15:49
 Operator : SY/MD
 Sample : VSTDICC005
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC005

Manual Integrations
 APPROVED

Reviewed By :Romaben Patel 11/20/2024
 Supervised By :Semsettin Yesilyurt 11/25/2024

Quant Time: Nov 20 04:33:57 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111924S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 20 04:33:54 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	227223	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	374127	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	306982	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	140473	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	13832	5.299	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	10.600%#		
35) Dibromofluoromethane	7.634	113	12960	5.402	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	10.800%#		
50) Toluene-d8	10.109	98	52284	5.533	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	11.060%#		
62) 4-Bromofluorobenzene	12.408	95	17179	5.655	ug/l	0.00
Spiked Amount 50.000	Range 29 - 146		Recovery =	11.300%#		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	13013	5.900	ug/l	93
3) Chloromethane	2.068	50	22477	3.541	ug/l	98
4) Vinyl Chloride	2.208	62	18543	6.128	ug/l	99
5) Bromomethane	2.605	94	9432	6.242	ug/l	98
6) Chloroethane	2.745	64	12063	6.834	ug/l	94
7) Trichlorofluoromethane	3.068	101	25672	6.106	ug/l	97
8) Diethyl Ether	3.452	74	7250	5.465	ug/l	92
9) 1,1,2-Trichlorotrifluo...	3.818	101	15136	6.045	ug/l	99
10) Methyl Iodide	4.013	142	19213	5.728	ug/l	98
11) Tert butyl alcohol	4.860	59	7536m	35.866	ug/l	
12) 1,1-Dichloroethene	3.800	96	14708	5.934	ug/l	94
13) Acrolein	3.659	56	4362	26.985	ug/l	95
14) Allyl chloride	4.391	41	29279	6.108	ug/l	93
15) Acrylonitrile	5.061	53	16245	27.700	ug/l	97
16) Acetone	3.867	43	18219	29.112	ug/l	92
17) Carbon Disulfide	4.110	76	49286	5.902	ug/l	99
18) Methyl Acetate	4.397	43	8805	6.036	ug/l	94
19) Methyl tert-butyl Ether	5.122	73	35762	5.554	ug/l	100
20) Methylene Chloride	4.623	84	15740	5.939	ug/l	93
21) trans-1,2-Dichloroethene	5.116	96	16393	5.955	ug/l	93
22) Diisopropyl ether	6.019	45	58191	6.160	ug/l	98
23) Vinyl Acetate	5.964	43	152663	28.920	ug/l	98
24) 1,1-Dichloroethane	5.921	63	33199	6.226	ug/l	98
25) 2-Butanone	6.890	43	20288	25.181	ug/l	96
26) 2,2-Dichloropropane	6.890	77	25115	5.698	ug/l	99
27) cis-1,2-Dichloroethene	6.897	96	16128	5.319	ug/l	92
28) Bromochloromethane	7.244	49	12131	5.405	ug/l	99
29) Tetrahydrofuran	7.262	42	11283	23.431	ug/l	96
30) Chloroform	7.421	83	27219	5.286	ug/l	100
31) Cyclohexane	7.707	56	29956	6.156	ug/l #	79
32) 1,1,1-Trichloroethane	7.622	97	24268	5.367	ug/l	98
36) 1,1-Dichloropropene	7.835	75	21801	5.950	ug/l	98
37) Ethyl Acetate	6.988	43	7806	4.569	ug/l #	79
38) Carbon Tetrachloride	7.823	117	21497	5.619	ug/l	93
39) Methylcyclohexane	9.110	83	26014	5.673	ug/l	93
40) Benzene	8.079	78	61067	5.687	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.226	41	5114	5.355	ug/l	92
42) 1,2-Dichloroethane	8.165	62	15552	5.366	ug/l	98
43) Isopropyl Acetate	8.195	43	16024	4.909	ug/l #	87
44) Trichloroethene	8.866	130	14519	5.707	ug/l	93
45) 1,2-Dichloropropane	9.140	63	13999	5.464	ug/l	94
46) Dibromomethane	9.231	93	6930	5.278	ug/l	97
47) Bromodichloromethane	9.420	83	19627	5.415	ug/l	95
48) Methyl methacrylate	9.225	41	7791	4.992	ug/l	94
49) 1,4-Dioxane	9.238	88	1421	105.186	ug/l #	86
51) 4-Methyl-2-Pentanone	10.000	43	39329	23.742	ug/l	99
52) Toluene	10.170	92	36298	5.530	ug/l	100
53) t-1,3-Dichloropropene	10.396	75	19995	5.833	ug/l	99
54) cis-1,3-Dichloropropene	9.853	75	20222	5.153	ug/l	98
55) 1,1,2-Trichloroethane	10.573	97	9364	5.372	ug/l	94
56) Ethyl methacrylate	10.439	69	14134	5.399	ug/l	97
57) 1,3-Dichloropropane	10.719	76	16257	5.190	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.713	63	33342	26.863	ug/l	98
59) 2-Hexanone	10.762	43	26616	22.690	ug/l	99
60) Dibromochloromethane	10.908	129	11937	5.313	ug/l	95
61) 1,2-Dibromoethane	11.018	107	9249	5.726	ug/l	98
64) Tetrachloroethene	10.646	164	12352	5.582	ug/l	95
65) Chlorobenzene	11.444	112	38618	5.642	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.518	131	13130	5.742	ug/l	95
67) Ethyl Benzene	11.518	91	71195	5.638	ug/l	100
68) m/p-Xylenes	11.627	106	50872	11.185	ug/l	97
69) o-Xylene	11.957	106	23650	5.482	ug/l	99
70) Styrene	11.969	104	38724	5.403	ug/l	99
71) Bromoform	12.133	173	6352	5.330	ug/l #	96
73) Isopropylbenzene	12.255	105	68143	5.726	ug/l	99
74) N-amyl acetate	12.072	43	12902	4.487	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.505	83	10246	5.328	ug/l	99
76) 1,2,3-Trichloropropane	12.560	75	5823m	4.398	ug/l	
77) Bromobenzene	12.536	156	13674	5.485	ug/l	99
78) n-propylbenzene	12.597	91	78696	5.511	ug/l	100
79) 2-Chlorotoluene	12.682	91	44055	5.365	ug/l	100
80) 1,3,5-Trimethylbenzene	12.737	105	50883	5.291	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.304	75	3305	4.891	ug/l	97
82) 4-Chlorotoluene	12.780	91	46376	5.473	ug/l	97
83) tert-Butylbenzene	12.999	119	45414	5.351	ug/l	98
84) 1,2,4-Trimethylbenzene	13.048	105	50575	5.304	ug/l	100
85) sec-Butylbenzene	13.176	105	81980	6.127	ug/l	98
86) p-Isopropyltoluene	13.292	119	56716	5.483	ug/l	99
87) 1,3-Dichlorobenzene	13.292	146	29101	5.773	ug/l	98
88) 1,4-Dichlorobenzene	13.371	146	27229	5.653	ug/l	93
89) n-Butylbenzene	13.621	91	54128	5.464	ug/l	99
90) Hexachloroethane	13.883	117	10618	5.318	ug/l	99
91) 1,2-Dichlorobenzene	13.664	146	22894	5.451	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.279	75	1828	5.792	ug/l	94
93) 1,2,4-Trichlorobenzene	14.926	180	13686	5.389	ug/l	97
94) Hexachlorobutadiene	15.029	225	8471	5.465	ug/l	100
95) Naphthalene	15.151	128	20303	4.642	ug/l	98
96) 1,2,3-Trichlorobenzene	15.334	180	11474	5.284	ug/l	98

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ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

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QLast Update : Wed Nov 20 04:33:54 2024
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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

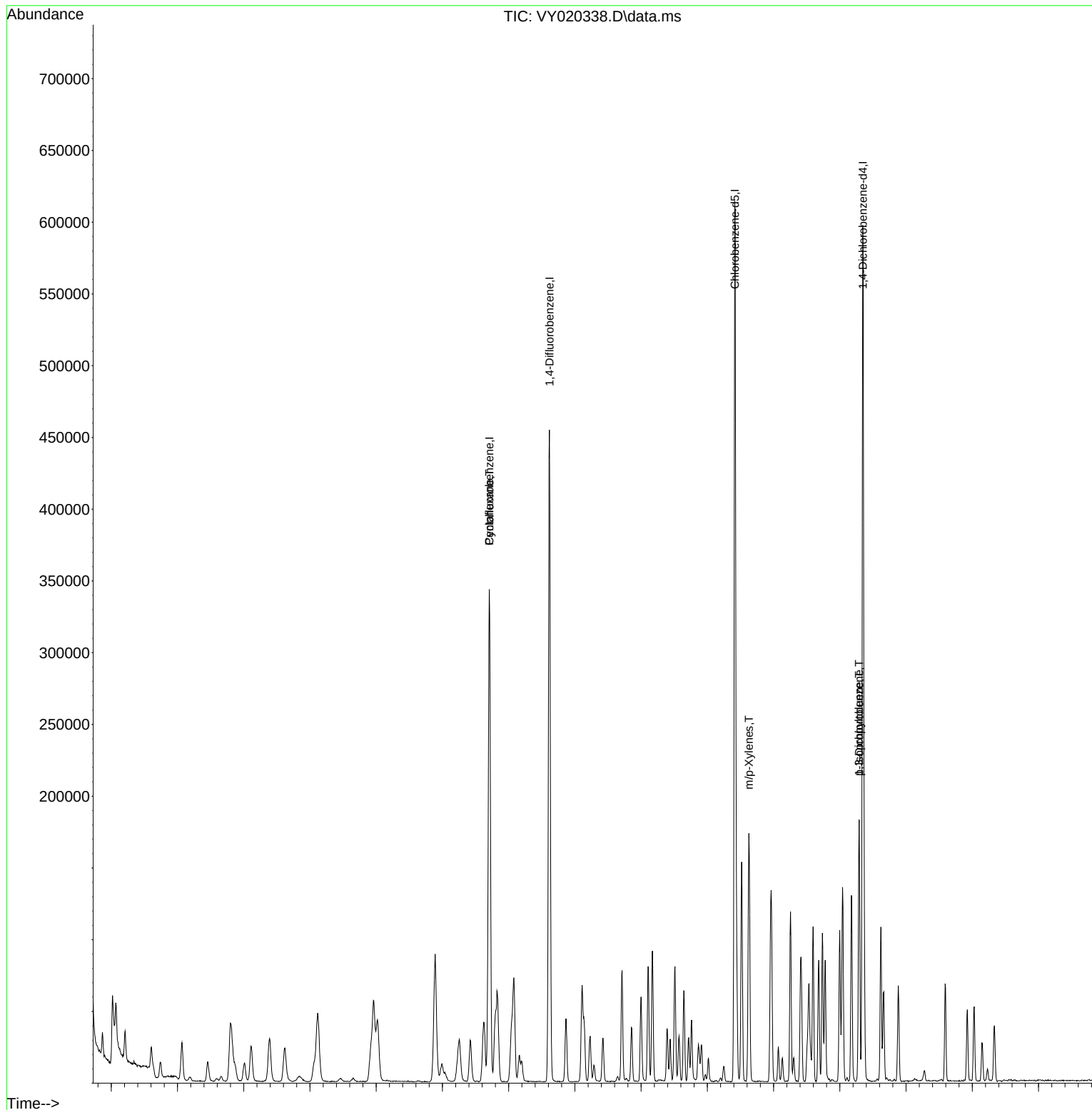
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ALS Vial : 2 Sample Multiplier: 1

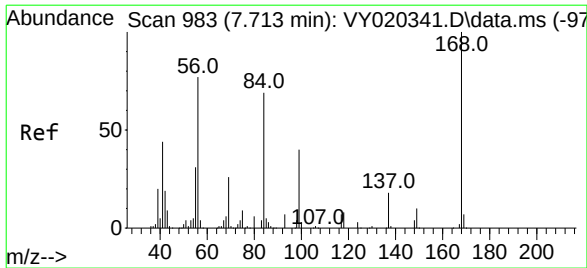
Instrument :
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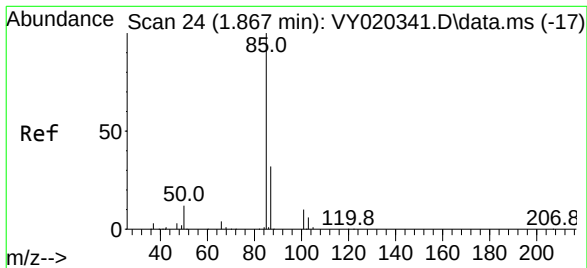
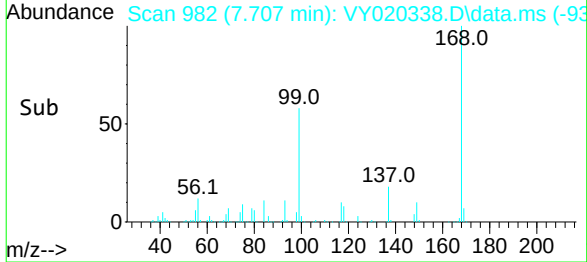
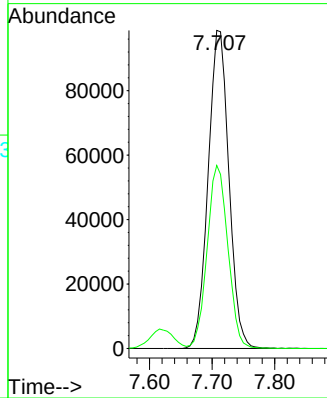
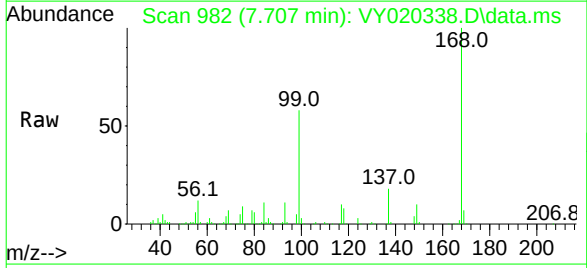
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 98
Delta R.T. -0.006 min
Lab File: VY020338.D
Acq: 19 Nov 2024 15:49

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Tgt Ion: 168 Resp: 227223
Ion Ratio Lower Upper
168 100
99 57.6 46.6 69.8

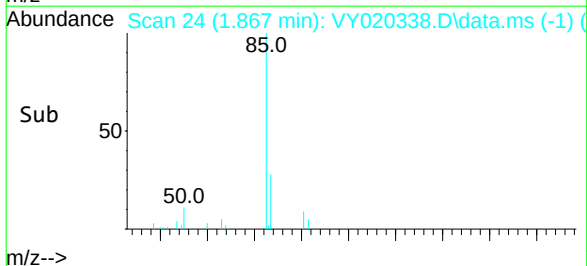
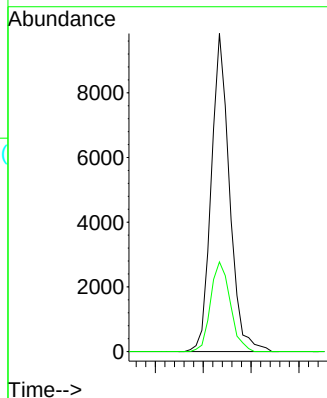
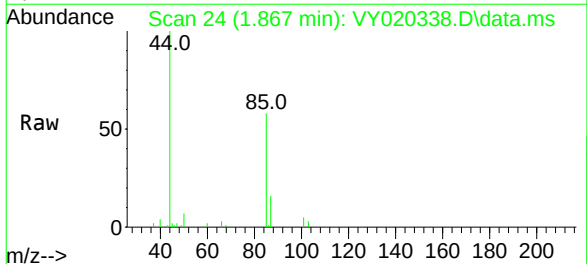
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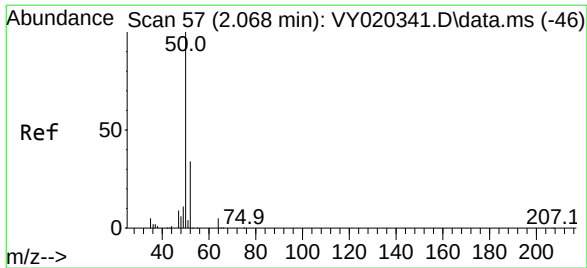
Reviewed By :Romaben Patel 11/20/2024
Supervised By :Semsettin Yesilyurt 11/25/2024



#2
Dichlorodifluoromethane
Concen: 5.900 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.000 min
Lab File: VY020338.D
Acq: 19 Nov 2024 15:49

Tgt Ion: 85 Resp: 13013
Ion Ratio Lower Upper
85 100
87 28.2 16.1 48.2





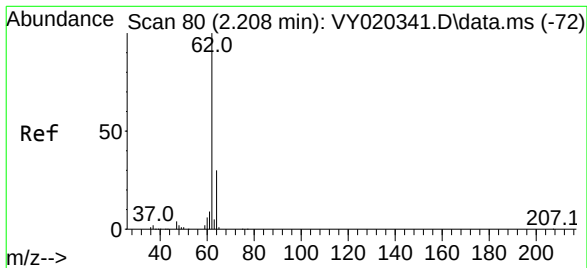
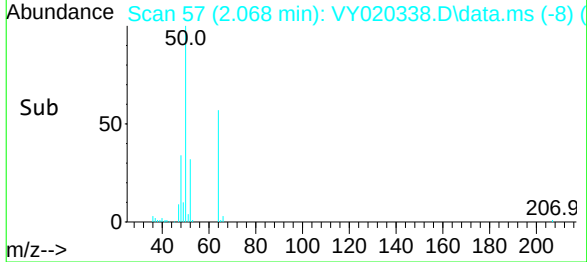
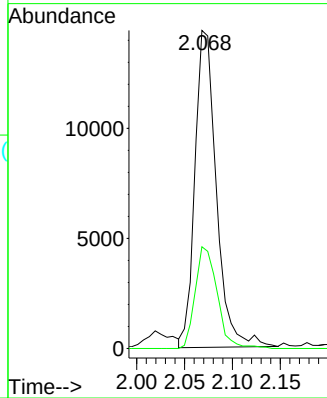
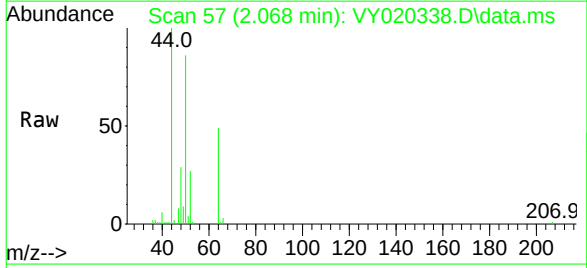
#3
Chloromethane
Concen: 3.541 ug/l
RT: 2.068 min Scan# 57
Delta R.T. 0.000 min
Lab File: VY020338.D
Acq: 19 Nov 2024 15:49

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Tgt Ion: 50 Resp: 22477
Ion Ratio Lower Upper
50 100
52 32.2 26.9 40.3

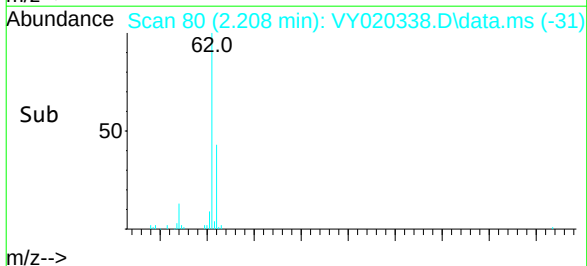
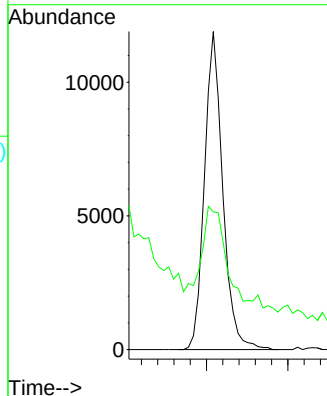
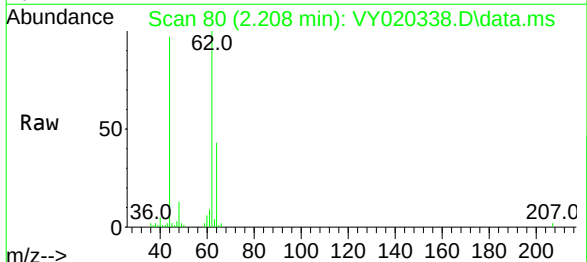
Manual Integrations
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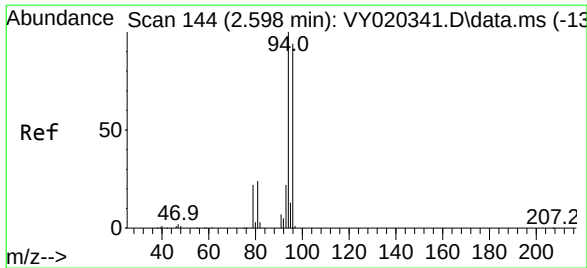
Reviewed By :Romaben Patel 11/20/2024
Supervised By :Semsettin Yesilyurt 11/25/2024



#4
Vinyl Chloride
Concen: 6.128 ug/l
RT: 2.208 min Scan# 80
Delta R.T. 0.000 min
Lab File: VY020338.D
Acq: 19 Nov 2024 15:49

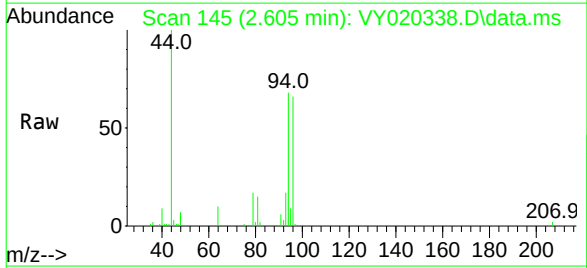
Tgt Ion: 62 Resp: 18543
Ion Ratio Lower Upper
62 100
64 31.5 24.7 37.1





#5
Bromomethane
Concen: 6.242 ug/l
RT: 2.605 min Scan# 144
Delta R.T. 0.006 min
Lab File: VY020338.D
Acq: 19 Nov 2024 15:49

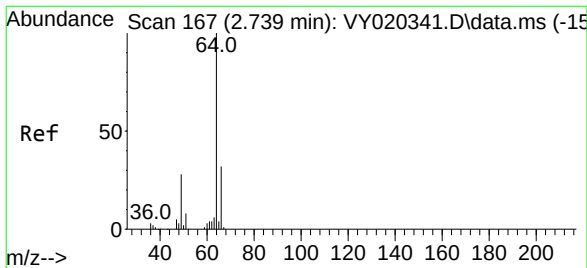
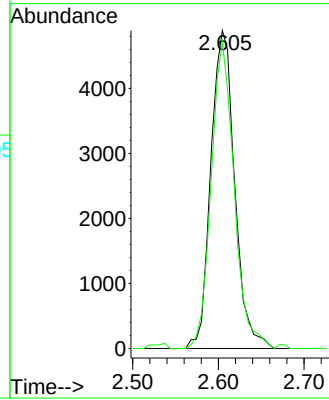
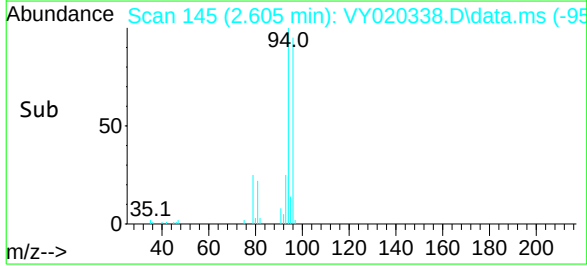
Instrument :
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Tgt Ion: 94 Resp: 9432
Ion Ratio Lower Upper
94 100
96 96.5 75.4 113.2

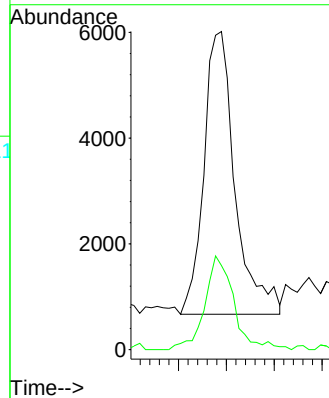
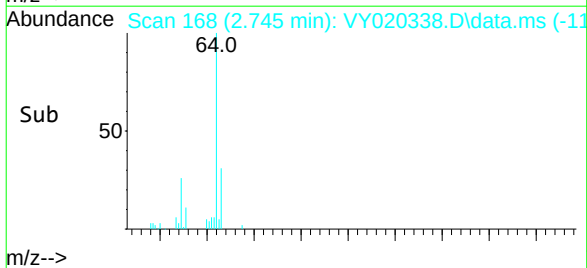
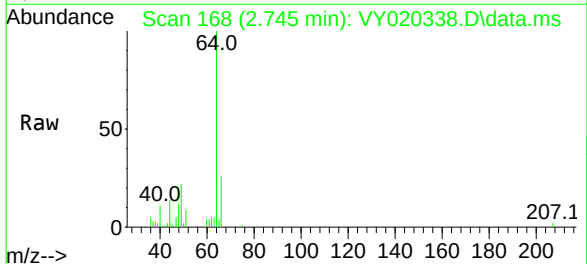
Manual Integrations
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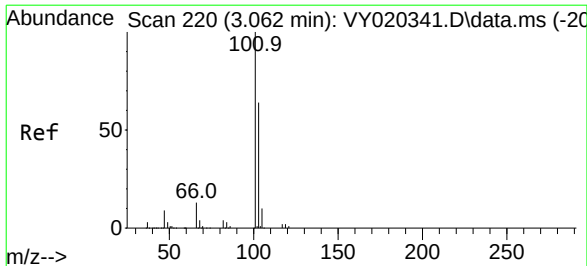
Reviewed By :Romaben Patel 11/20/2024
Supervised By :Semsettin Yesilyurt 11/25/2024



#6
Chloroethane
Concen: 6.834 ug/l
RT: 2.745 min Scan# 168
Delta R.T. 0.006 min
Lab File: VY020338.D
Acq: 19 Nov 2024 15:49

Tgt Ion: 64 Resp: 12063
Ion Ratio Lower Upper
64 100
66 28.7 25.7 38.5





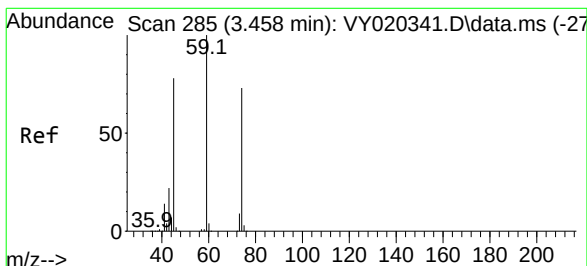
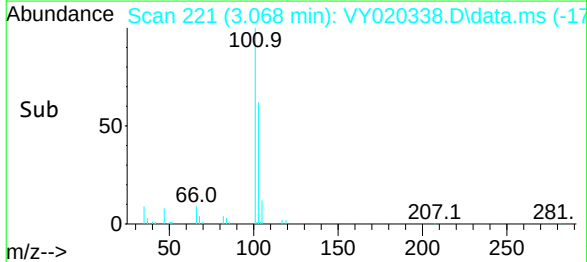
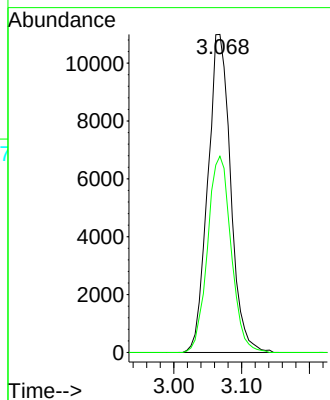
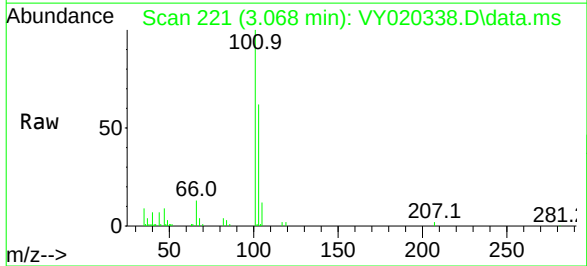
#7
 Trichlorofluoromethane
 Concen: 6.106 ug/l
 RT: 3.068 min Scan# 221
 Delta R.T. 0.006 min
 Lab File: VY020338.D
 Acq: 19 Nov 2024 15:49

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

Tgt Ion: 101 Resp: 25672
 Ion Ratio Lower Upper
 101 100
 103 61.7 51.5 77.3

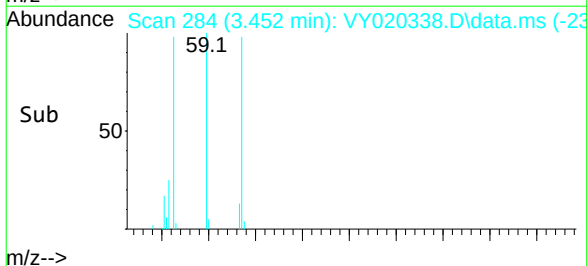
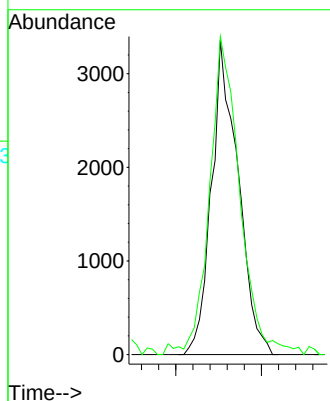
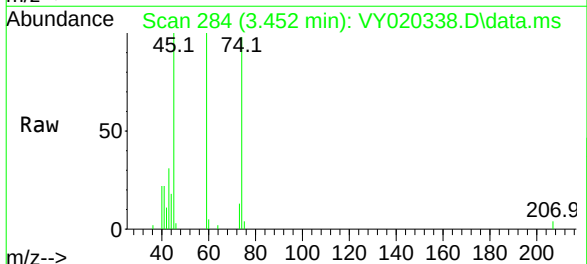
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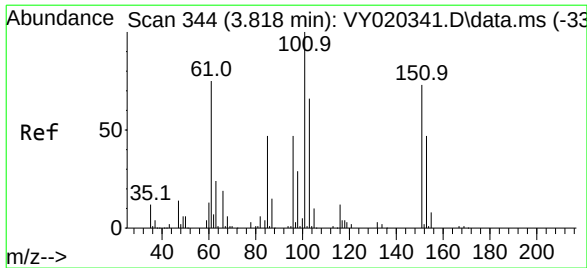
Reviewed By :Romaben Patel 11/20/2024
 Supervised By :Semsettin Yesilyurt 11/25/2024



#8
 Diethyl Ether
 Concen: 5.465 ug/l
 RT: 3.452 min Scan# 284
 Delta R.T. -0.006 min
 Lab File: VY020338.D
 Acq: 19 Nov 2024 15:49

Tgt Ion: 74 Resp: 7250
 Ion Ratio Lower Upper
 74 100
 45 115.0 53.6 160.8





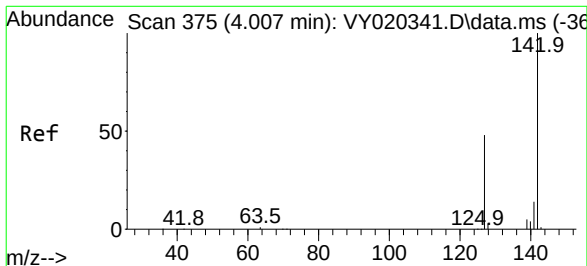
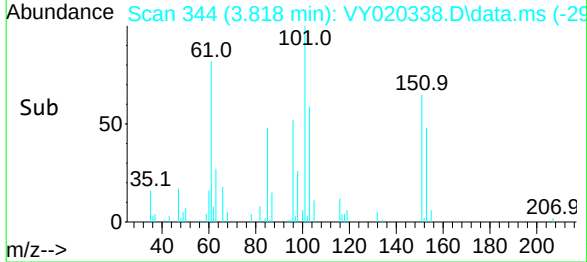
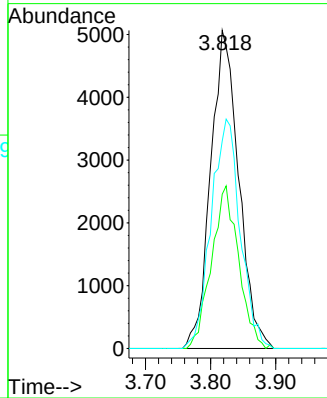
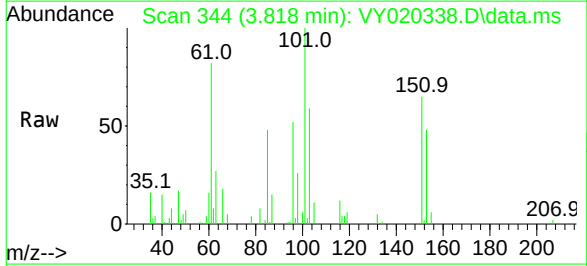
#9
1,1,2-Trichlorotrifluoroethane
Concen: 6.045 ug/l
RT: 3.818 min Scan# 344
Delta R.T. 0.000 min
Lab File: VY020338.D
Acq: 19 Nov 2024 15:49

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Tgt Ion:	101	Resp:	15136
Ion Ratio	Lower	Upper	
101	100		
85	49.5	38.0	57.0
151	74.8	59.6	89.4

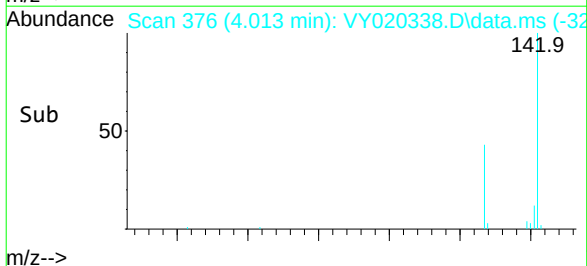
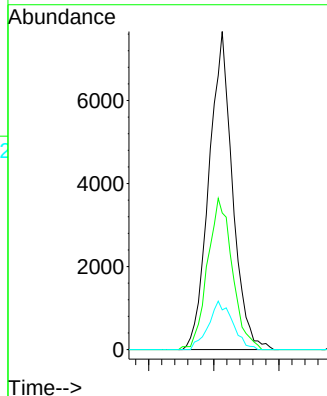
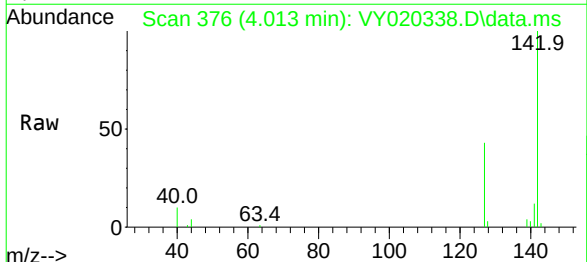
Manual Integrations
APPROVED

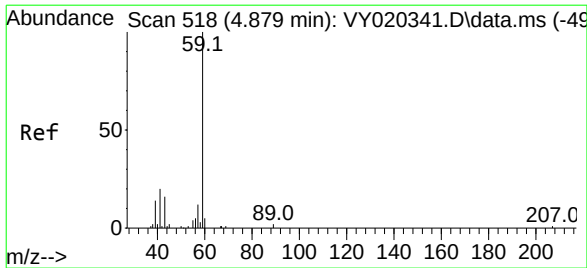
Reviewed By :Romaben Patel 11/20/2024
Supervised By :Semsettin Yesilyurt 11/25/2024



#10
Methyl Iodide
Concen: 5.728 ug/l
RT: 4.013 min Scan# 376
Delta R.T. 0.006 min
Lab File: VY020338.D
Acq: 19 Nov 2024 15:49

Tgt Ion:	142	Resp:	19213
Ion Ratio	Lower	Upper	
142	100		
127	50.3	38.9	58.3
141	15.6	11.7	17.5





#11

Tert butyl alcohol

Concen: 35.866 ug/l m

RT: 4.860 min Scan# 51

Delta R.T. -0.018 min

Lab File: VY020338.D

Acq: 19 Nov 2024 15:49

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC005

Tgt Ion: 59 Resp: 7536

Ion Ratio Lower Upper

59 100

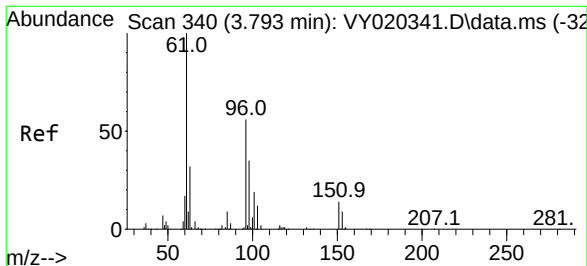
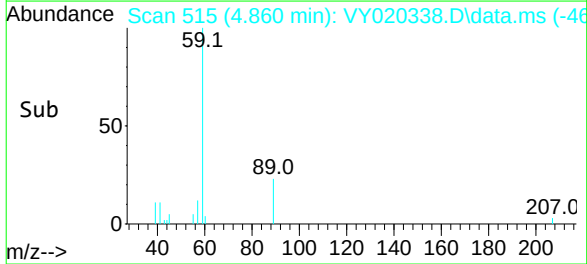
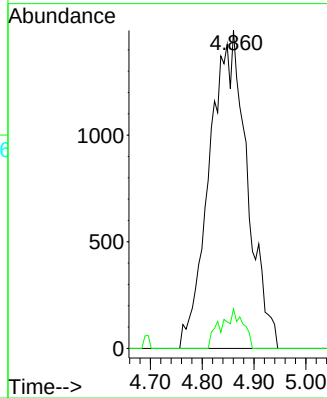
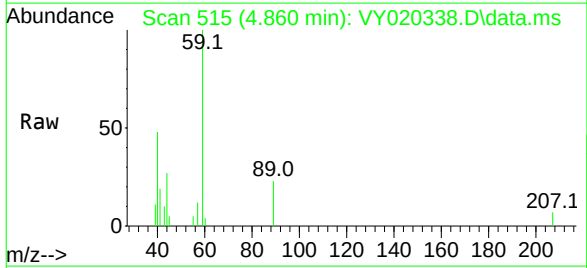
57 5.5 8.2 12.2#

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 11/20/2024

Supervised By :Semsettin Yesilyurt 11/25/2024



#12

1,1-Dichloroethene

Concen: 5.934 ug/l

RT: 3.800 min Scan# 341

Delta R.T. 0.006 min

Lab File: VY020338.D

Acq: 19 Nov 2024 15:49

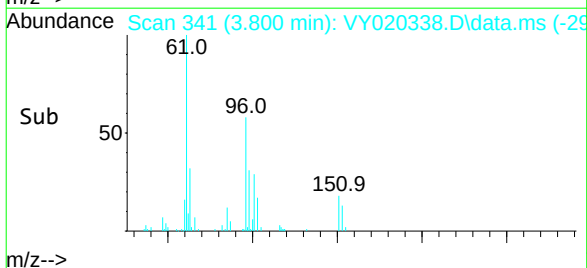
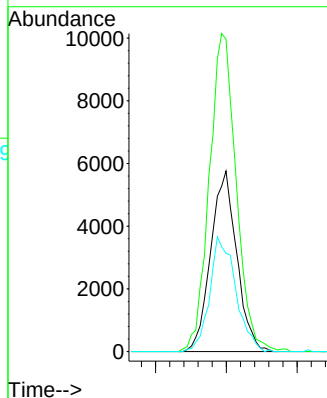
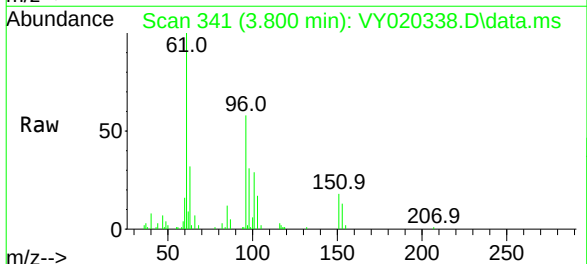
Tgt Ion: 96 Resp: 14708

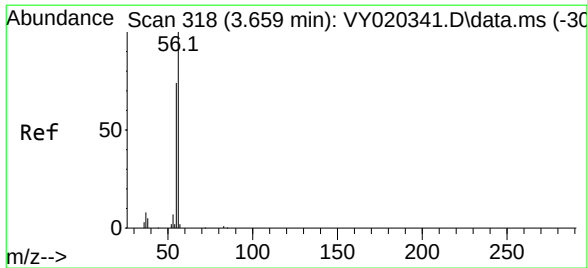
Ion Ratio Lower Upper

96 100

61 173.0 143.3 214.9

98 54.4 49.8 74.8





#13

Acrolein

Concen: 26.985 ug/l

RT: 3.659 min Scan# 31

Delta R.T. 0.000 min

Lab File: VY020338.D

Acq: 19 Nov 2024 15:49

Instrument :

MSVOA_Y

ClientSampleId :

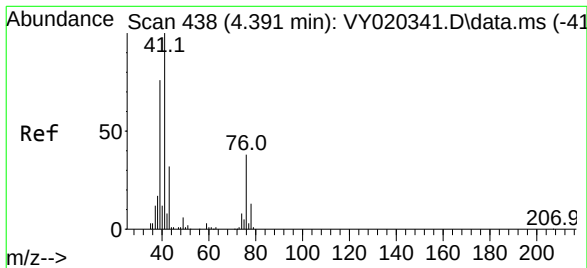
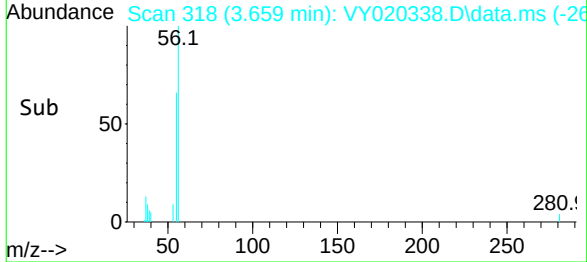
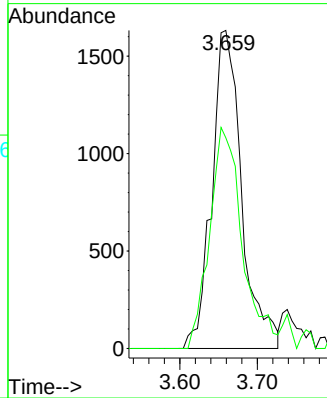
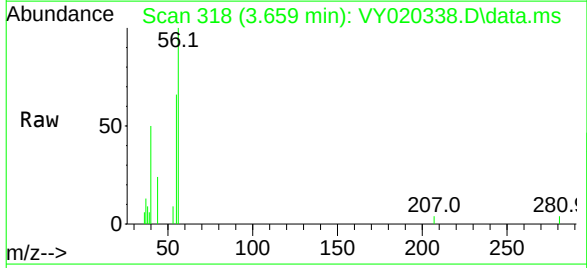
VSTDICC005

Tgt Ion:	56	Resp:	4362
Ion	Ratio	Lower	Upper
56	100		
55	75.9	57.7	86.5

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 11/20/2024
Supervised By :Semsettin Yesilyurt 11/25/2024



#14

Allyl chloride

Concen: 6.108 ug/l

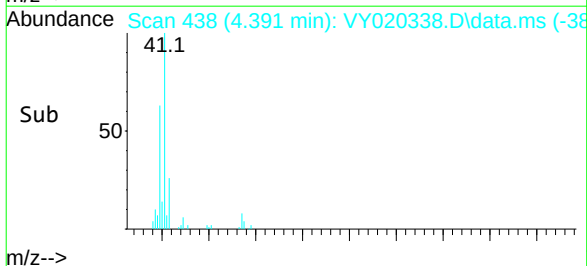
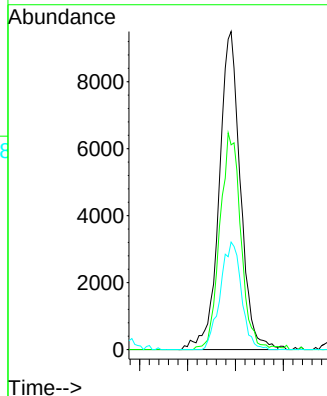
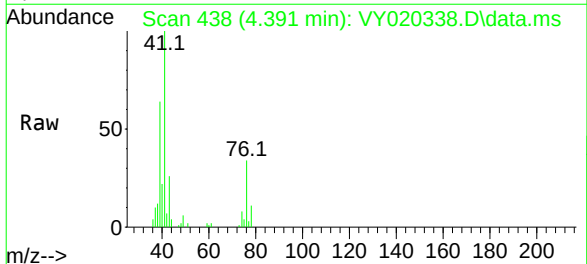
RT: 4.391 min Scan# 438

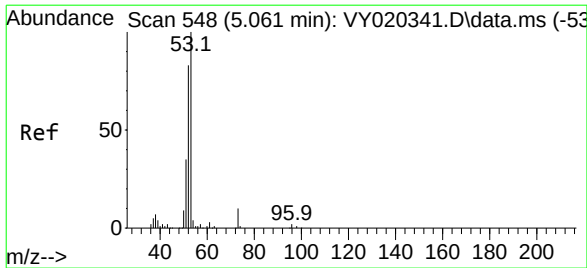
Delta R.T. 0.000 min

Lab File: VY020338.D

Acq: 19 Nov 2024 15:49

Tgt Ion:	41	Resp:	29279
Ion	Ratio	Lower	Upper
41	100		
39	67.6	58.8	88.2
76	33.5	29.7	44.5





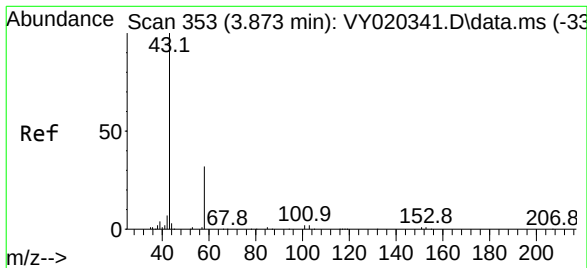
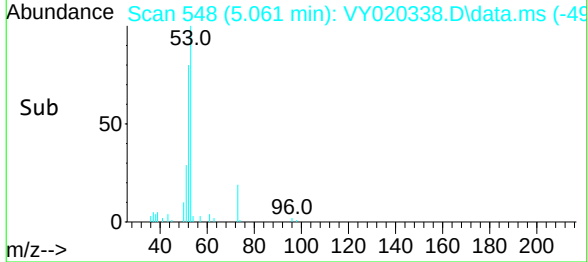
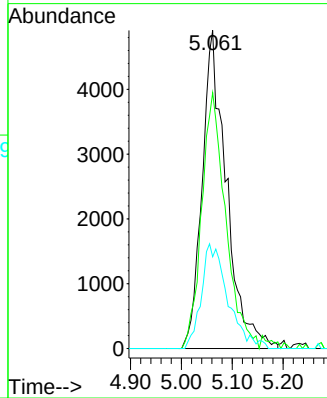
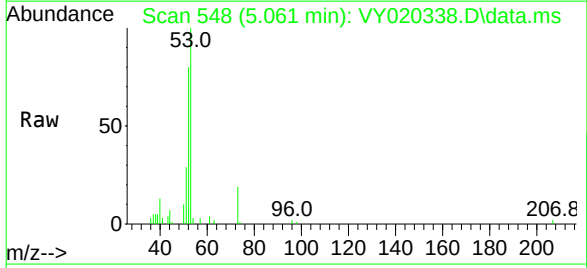
#15
Acrylonitrile
Concen: 27.700 ug/l
RT: 5.061 min Scan# 54
Delta R.T. 0.000 min
Lab File: VY020338.D
Acq: 19 Nov 2024 15:49

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Tgt Ion	Ratio	Lower	Upper
53	100		
52	79.6	65.2	97.8
51	35.4	30.2	45.4

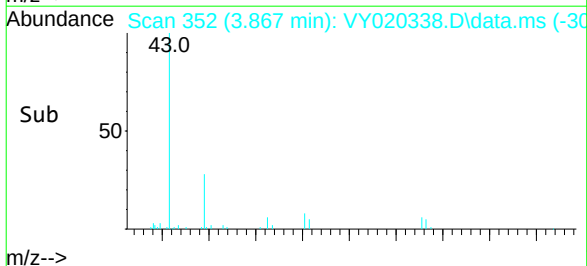
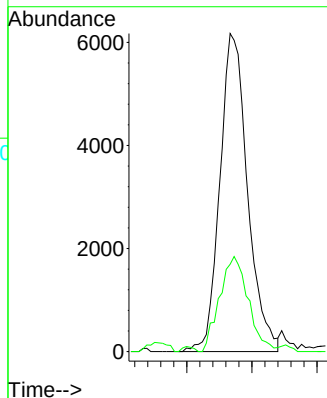
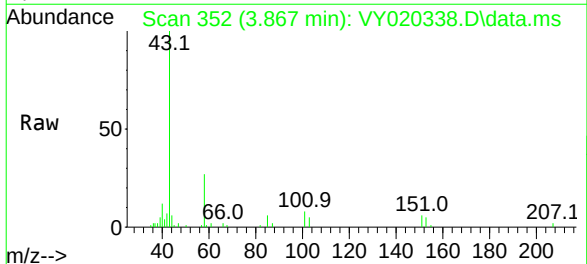
Manual Integrations
APPROVED

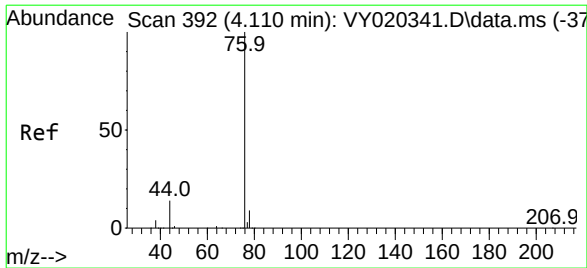
Reviewed By :Romaben Patel 11/20/2024
Supervised By :Semsettin Yesilyurt 11/25/2024



#16
Acetone
Concen: 29.112 ug/l
RT: 3.867 min Scan# 352
Delta R.T. -0.006 min
Lab File: VY020338.D
Acq: 19 Nov 2024 15:49

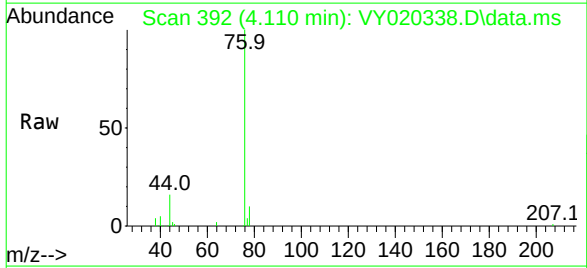
Tgt Ion	Ratio	Lower	Upper
43	100		
58	27.5	25.7	38.5





#17
Carbon Disulfide
Concen: 5.902 ug/l
RT: 4.110 min Scan# 392
Delta R.T. 0.000 min
Lab File: VY020338.D
Acq: 19 Nov 2024 15:49

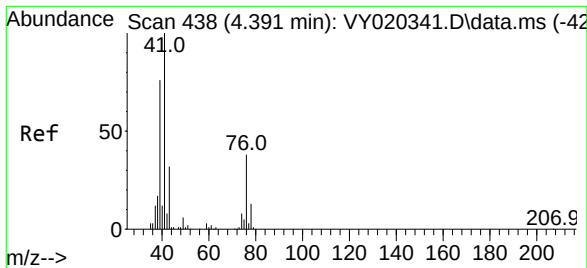
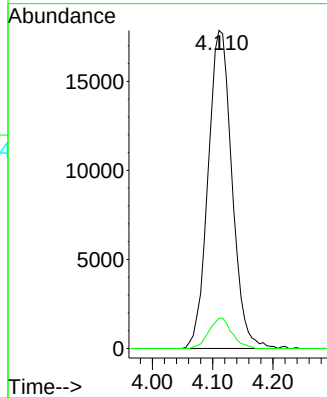
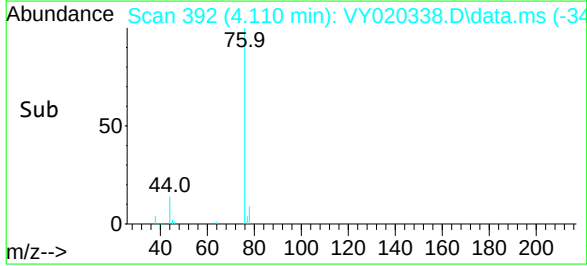
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005



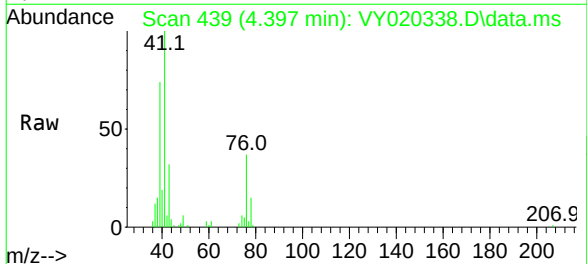
Tgt Ion: 76 Resp: 49286
Ion Ratio Lower Upper
76 100
78 9.5 7.3 10.9

Manual Integrations
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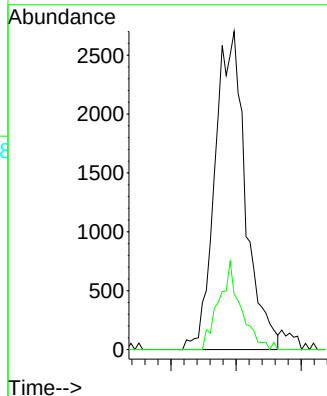
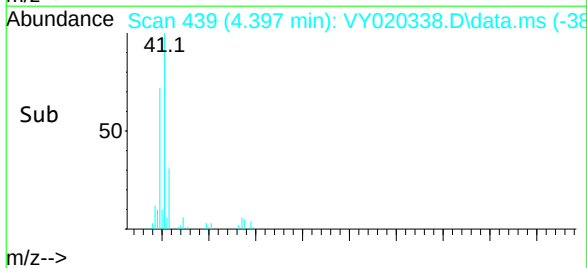
Reviewed By :Romaben Patel 11/20/2024
Supervised By :Semsettin Yesilyurt 11/25/2024

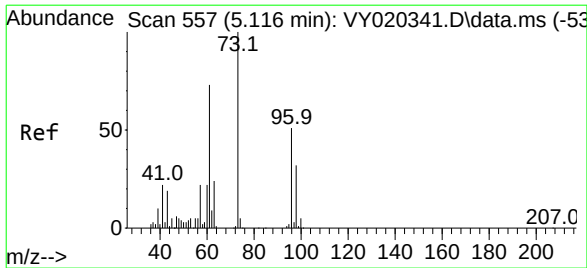


#18
Methyl Acetate
Concen: 6.036 ug/l
RT: 4.397 min Scan# 439
Delta R.T. 0.006 min
Lab File: VY020338.D
Acq: 19 Nov 2024 15:49



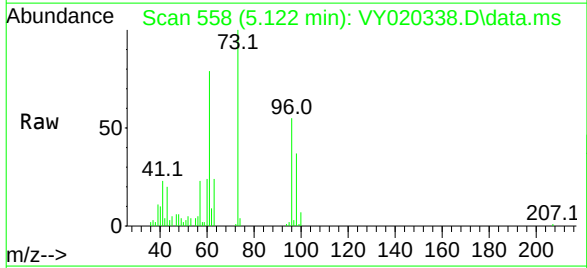
Tgt Ion: 43 Resp: 8805
Ion Ratio Lower Upper
43 100
74 20.1 18.6 27.8





#19
Methyl tert-butyl Ether
Concen: 5.554 ug/l
RT: 5.122 min Scan# 557
Delta R.T. 0.006 min
Lab File: VY020338.D
Acq: 19 Nov 2024 15:49

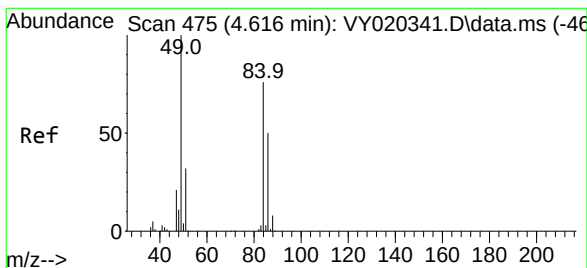
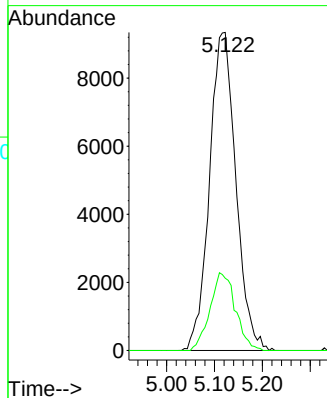
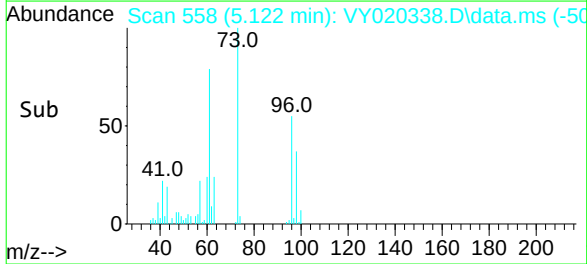
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005



Tgt Ion: 73 Resp: 35762
Ion Ratio Lower Upper
73 100
57 22.7 18.0 27.0

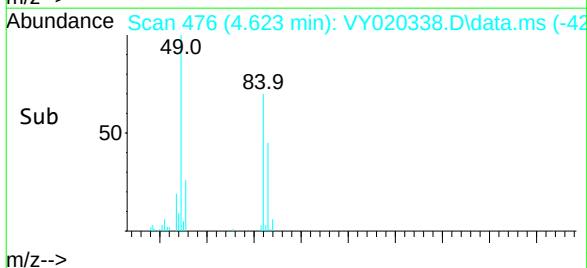
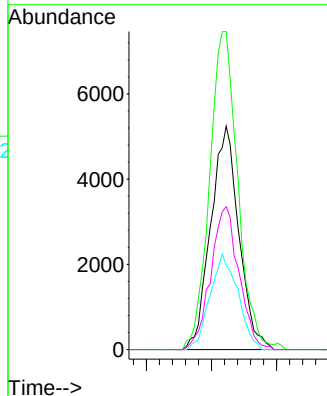
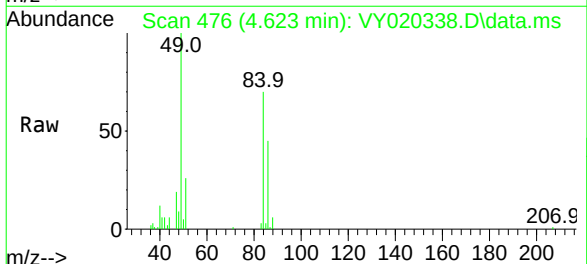
Manual Integrations
APPROVED

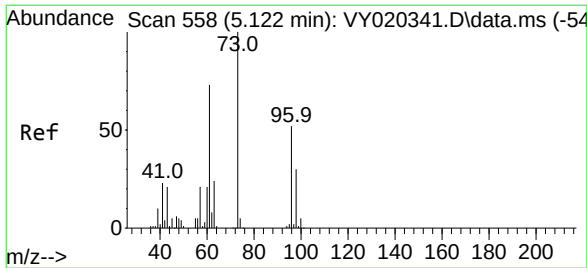
Reviewed By :Romaben Patel 11/20/2024
Supervised By :Semsettin Yesilyurt 11/25/2024



#20
Methylene Chloride
Concen: 5.939 ug/l
RT: 4.623 min Scan# 476
Delta R.T. 0.006 min
Lab File: VY020338.D
Acq: 19 Nov 2024 15:49

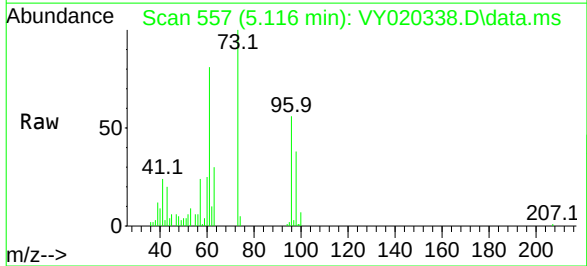
Tgt Ion: 84 Resp: 15740
Ion Ratio Lower Upper
84 100
49 142.5 104.7 157.1
51 37.6 33.4 50.0
86 64.0 52.2 78.2





#21
trans-1,2-Dichloroethene
Concen: 5.955 ug/l
RT: 5.116 min Scan# 558
Delta R.T. -0.006 min
Lab File: VY020338.D
Acq: 19 Nov 2024 15:49

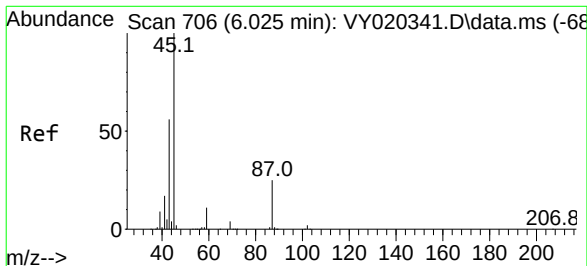
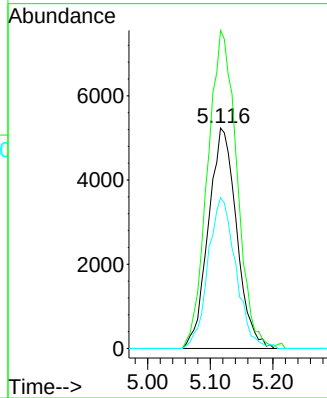
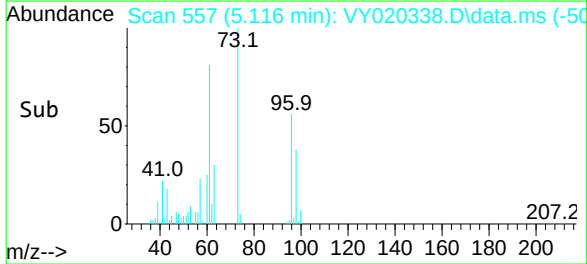
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005



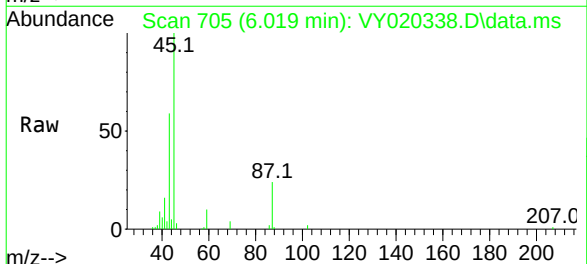
Tgt Ion: 96 Resp: 16393
Ion Ratio Lower Upper
96 100
61 144.3 111.6 167.4
98 68.4 46.7 70.1

Manual Integrations
APPROVED

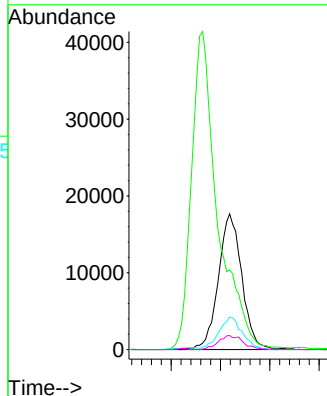
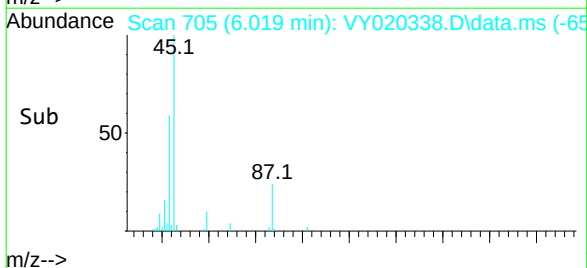
Reviewed By :Romaben Patel 11/20/2024
Supervised By :Semsettin Yesilyurt 11/25/2024

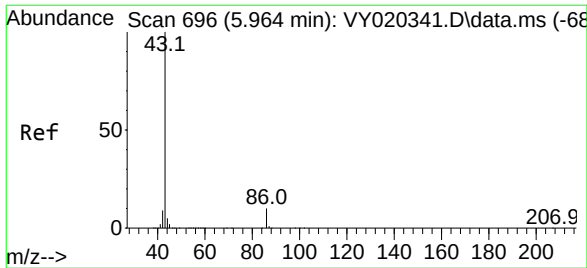


#22
Diisopropyl ether
Concen: 6.160 ug/l
RT: 6.019 min Scan# 705
Delta R.T. -0.006 min
Lab File: VY020338.D
Acq: 19 Nov 2024 15:49



Tgt Ion: 45 Resp: 58191
Ion Ratio Lower Upper
45 100
43 56.8 44.8 67.2
87 23.7 20.6 30.8
59 10.4 9.2 13.8





#23
 Vinyl Acetate
 Concen: 28.920 ug/l
 RT: 5.964 min Scan# 696
 Delta R.T. 0.000 min
 Lab File: VY020338.D
 Acq: 19 Nov 2024 15:49

Instrument :

MSVOA_Y

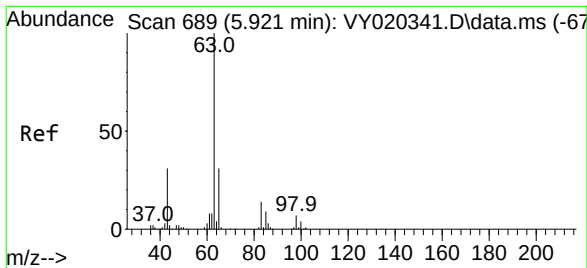
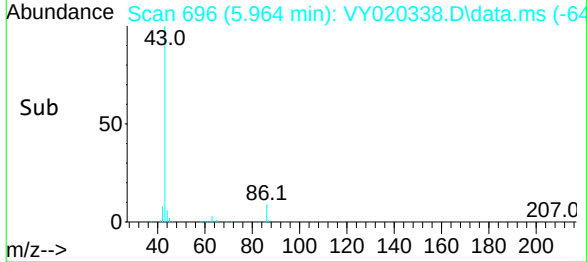
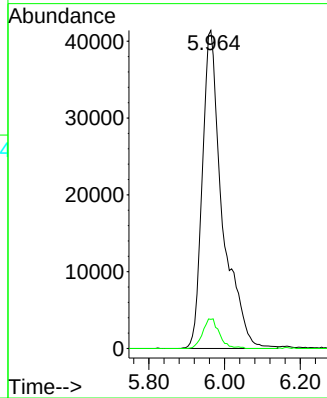
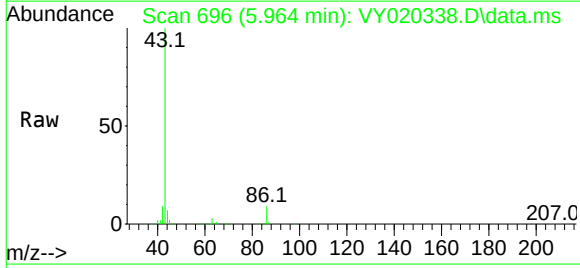
ClientSampleId :

VSTDICC005

Tgt Ion: 43 Resp: 152663
 Ion Ratio Lower Upper
 43 100
 86 9.2 8.0 12.0

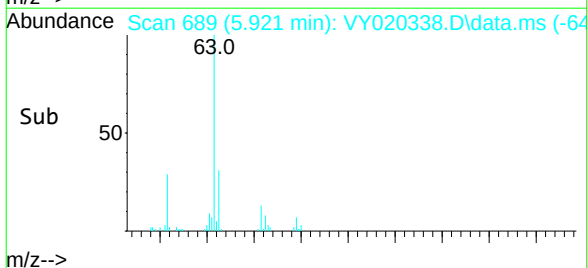
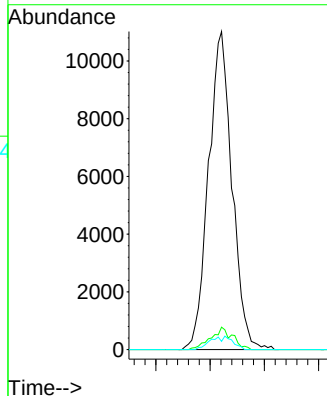
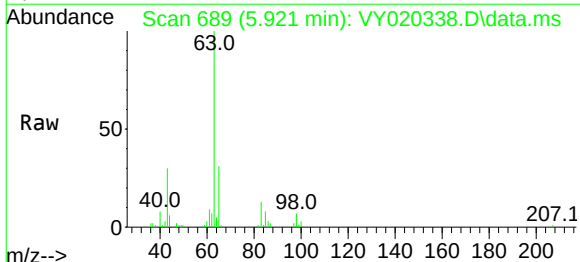
Manual Integrations
 APPROVED

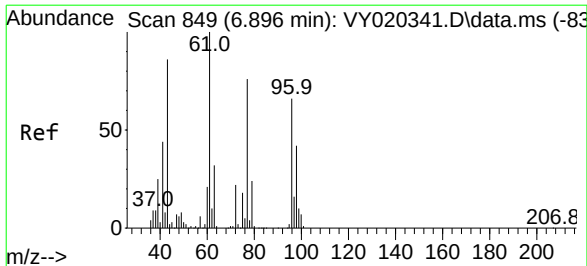
Reviewed By :Romaben Patel 11/20/2024
 Supervised By :Semsettin Yesilyurt 11/25/2024



#24
 1,1-Dichloroethane
 Concen: 6.226 ug/l
 RT: 5.921 min Scan# 689
 Delta R.T. 0.000 min
 Lab File: VY020338.D
 Acq: 19 Nov 2024 15:49

Tgt Ion: 63 Resp: 33199
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.4 10.1
 100 2.6 2.0 5.8





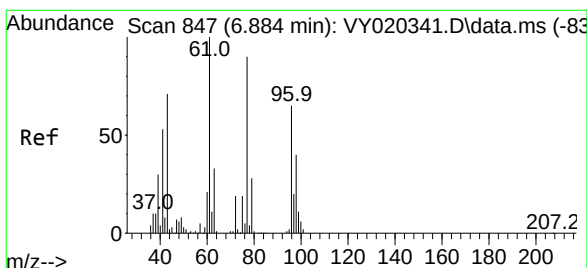
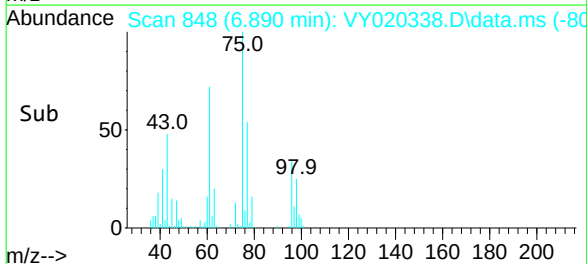
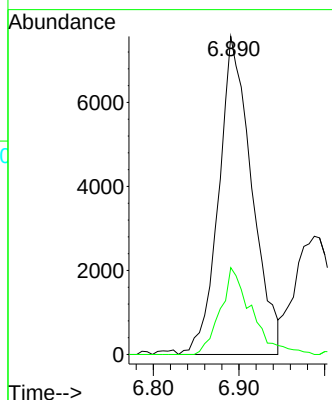
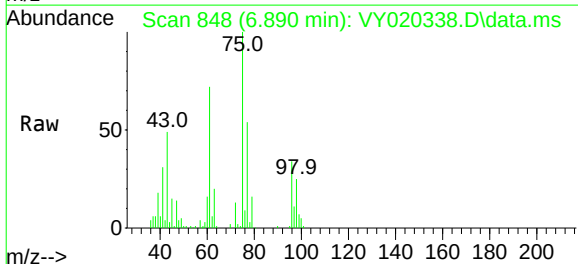
#25
2-Butanone
Concen: 25.181 ug/l
RT: 6.890 min Scan# 848
Delta R.T. -0.006 min
Lab File: VY020338.D
Acq: 19 Nov 2024 15:49

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Tgt Ion: 43 Resp: 20288
Ion Ratio Lower Upper
43 100
72 27.3 20.4 30.6

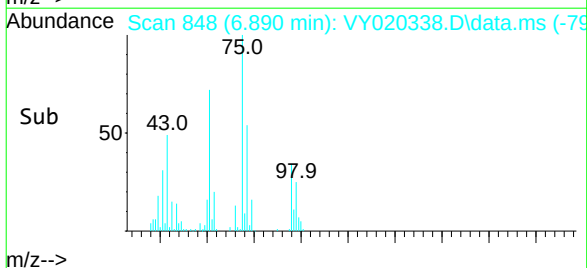
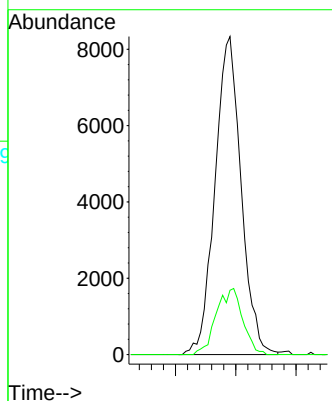
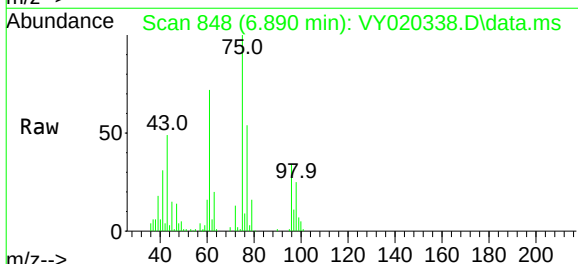
Manual Integrations
APPROVED

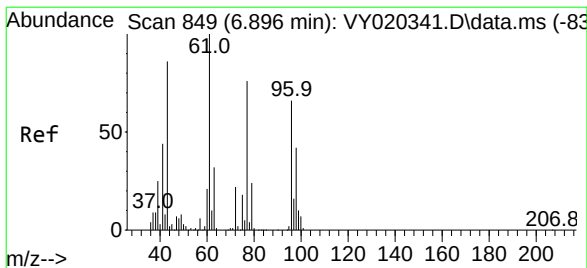
Reviewed By :Romaben Patel 11/20/2024
Supervised By :Semsettin Yesilyurt 11/25/2024



#26
2,2-Dichloropropane
Concen: 5.698 ug/l
RT: 6.890 min Scan# 848
Delta R.T. 0.006 min
Lab File: VY020338.D
Acq: 19 Nov 2024 15:49

Tgt Ion: 77 Resp: 25115
Ion Ratio Lower Upper
77 100
97 21.1 10.9 32.7





#27

cis-1,2-Dichloroethene

Concen: 5.319 ug/l

RT: 6.897 min Scan# 849

Delta R.T. 0.000 min

Lab File: VY020338.D

Acq: 19 Nov 2024 15:49

Instrument :

MSVOA_Y

ClientSampleId :

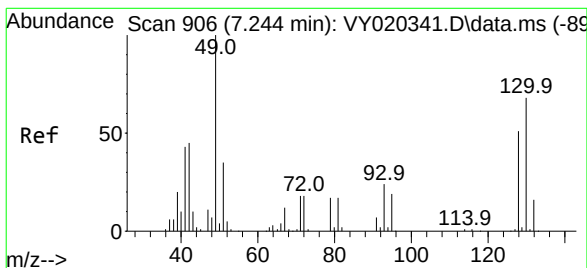
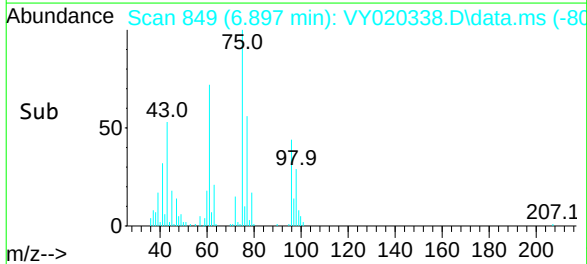
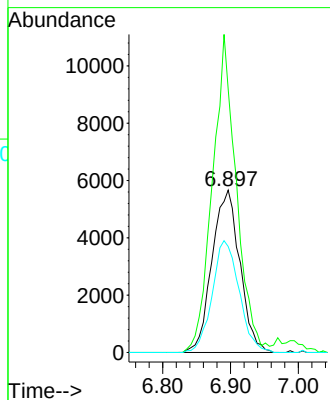
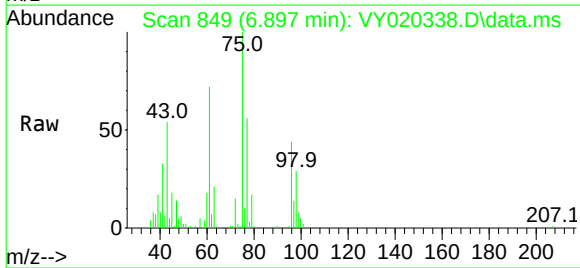
VSTDICC005

Tgt Ion:	96	Resp:	16128
Ion	Ratio	Lower	Upper
96	100		
61	169.1	0.0	312.4
98	66.9	0.0	126.8

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 11/20/2024
Supervised By :Semsettin Yesilyurt 11/25/2024



#28

Bromochloromethane

Concen: 5.405 ug/l

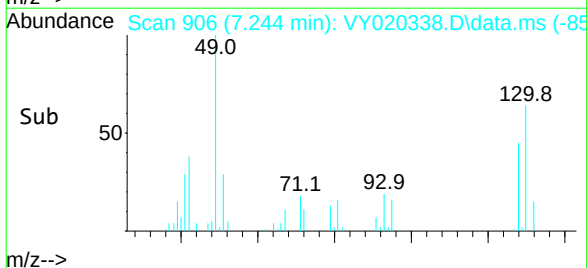
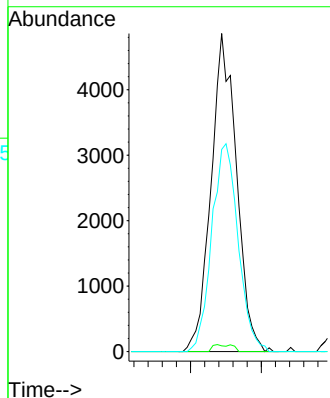
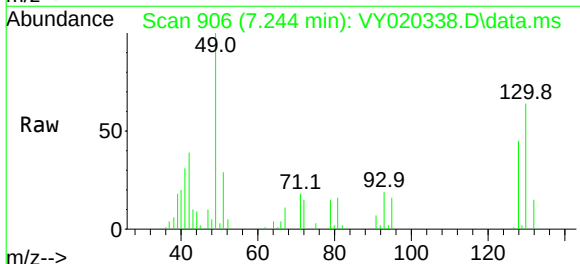
RT: 7.244 min Scan# 906

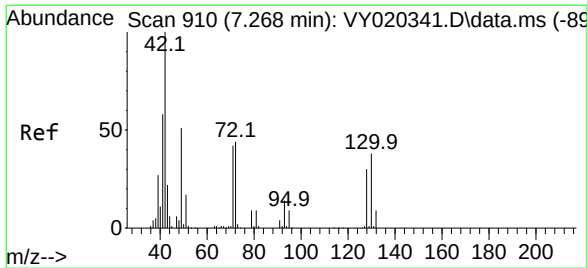
Delta R.T. 0.000 min

Lab File: VY020338.D

Acq: 19 Nov 2024 15:49

Tgt Ion:	49	Resp:	12131
Ion	Ratio	Lower	Upper
49	100		
129	1.7	0.0	4.0
130	67.7	55.0	82.6





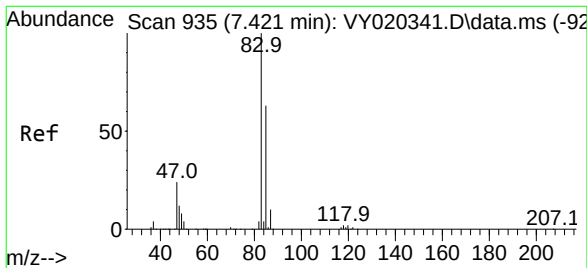
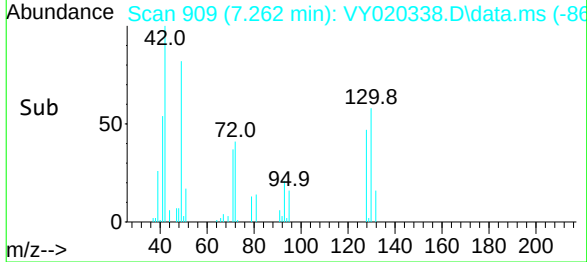
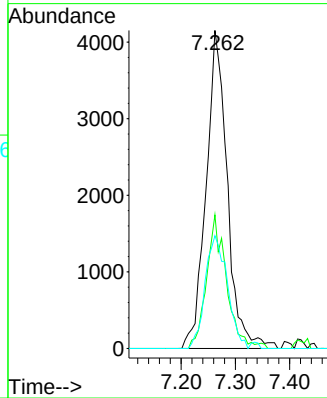
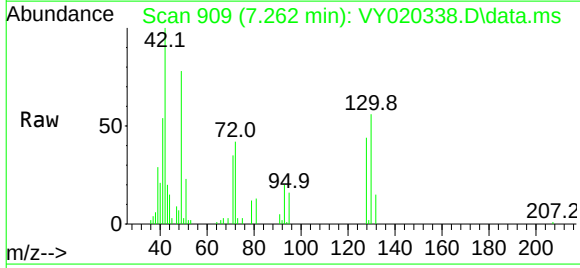
#29
Tetrahydrofuran
Concen: 23.431 ug/l
RT: 7.262 min Scan# 909
Delta R.T. -0.006 min
Lab File: VY020338.D
Acq: 19 Nov 2024 15:49

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Tgt	Ion: 42	Resp: 11283
Ion	Ratio	Lower Upper
42	100	
72	39.6	33.4 50.0
71	37.1	31.9 47.9

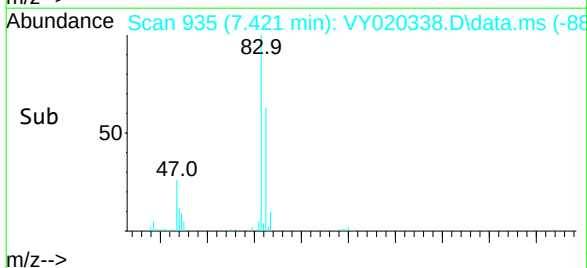
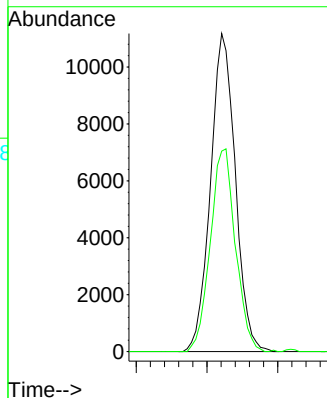
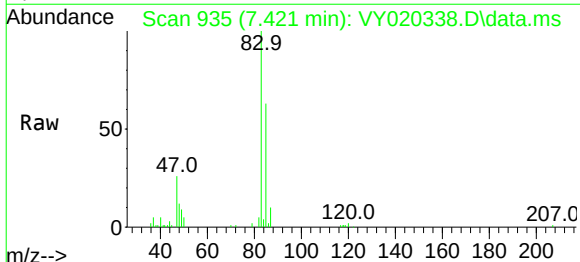
Manual Integrations
APPROVED

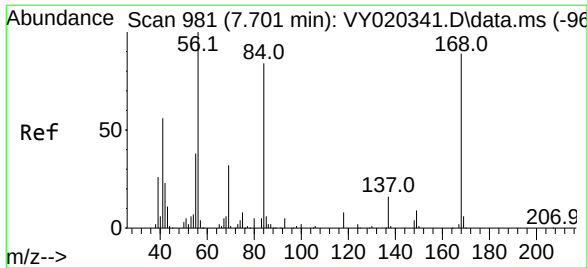
Reviewed By :Romaben Patel 11/20/2024
Supervised By :Semsettin Yesilyurt 11/25/2024



#30
Chloroform
Concen: 5.286 ug/l
RT: 7.421 min Scan# 935
Delta R.T. 0.000 min
Lab File: VY020338.D
Acq: 19 Nov 2024 15:49

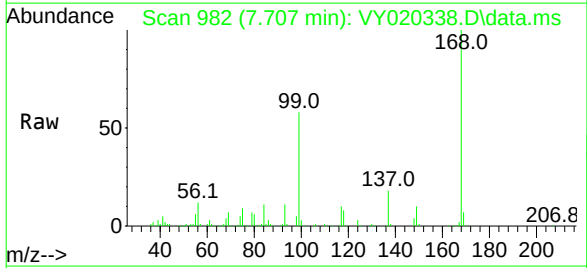
Tgt	Ion: 83	Resp: 27219
Ion	Ratio	Lower Upper
83	100	
85	63.0	50.3 75.5





#31
Cyclohexane
Concen: 6.156 ug/l
RT: 7.707 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY020338.D
Acq: 19 Nov 2024 15:49

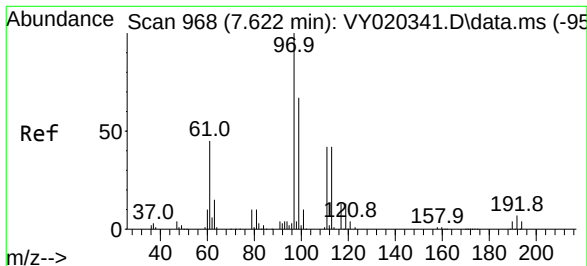
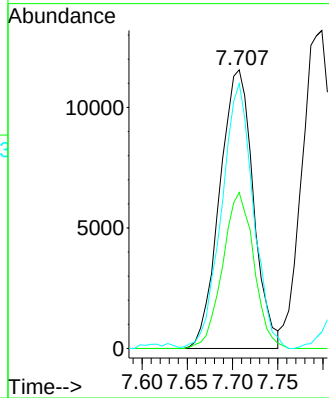
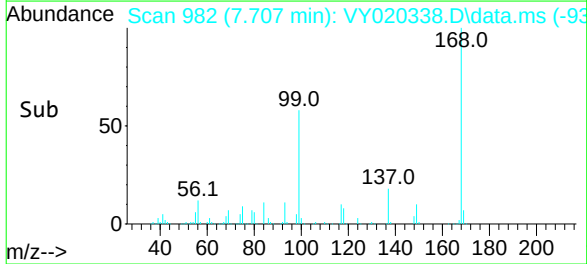
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005



Tgt Ion: 56 Resp: 29956
Ion Ratio Lower Upper
56 100
69 56.0 25.3 37.9#
84 94.6 66.9 100.3

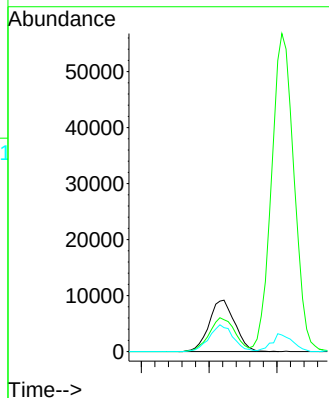
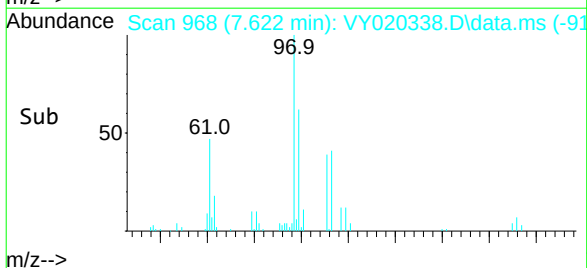
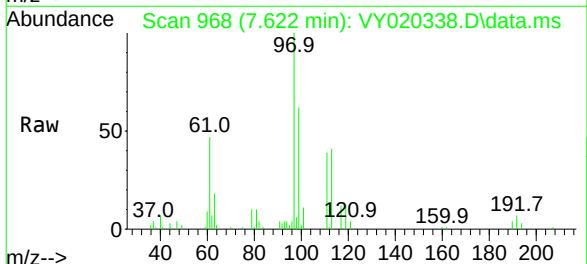
Manual Integrations
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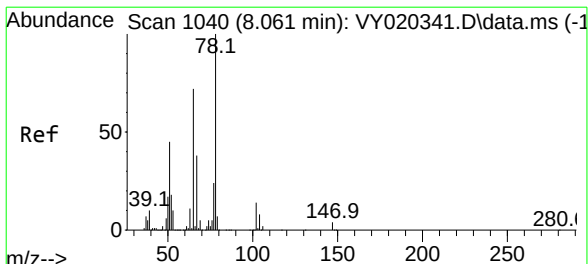
Reviewed By :Romaben Patel 11/20/2024
Supervised By :Semsettin Yesilyurt 11/25/2024



#32
1,1,1-Trichloroethane
Concen: 5.367 ug/l
RT: 7.622 min Scan# 968
Delta R.T. 0.000 min
Lab File: VY020338.D
Acq: 19 Nov 2024 15:49

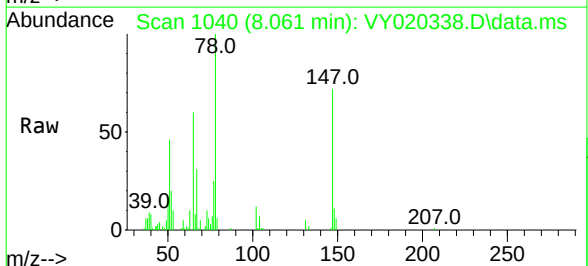
Tgt Ion: 97 Resp: 24268
Ion Ratio Lower Upper
97 100
99 65.5 51.8 77.6
61 48.4 37.1 55.7





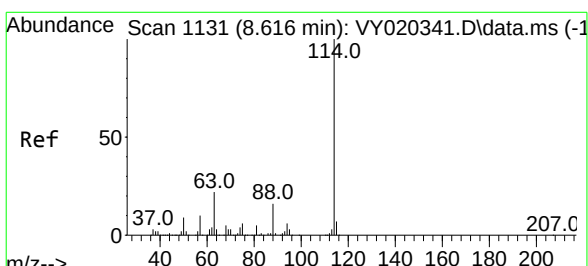
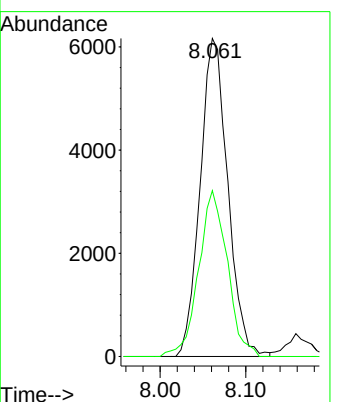
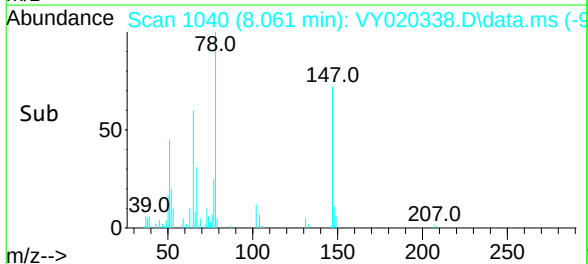
#33
 1,2-Dichloroethane-d4
 Concen: 5.299 ug/l
 RT: 8.061 min Scan# 1040
 Delta R.T. 0.000 min
 Lab File: VY020338.D
 Acq: 19 Nov 2024 15:49

Instrument : MSVOA_Y
 ClientSampleId : VSTDICC005

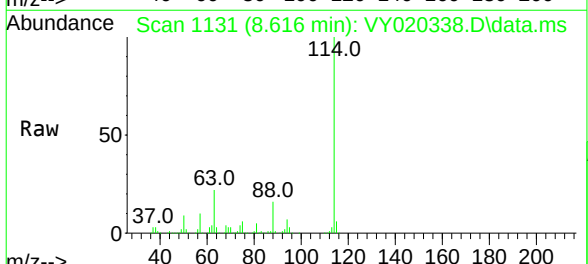


Tgt Ion:	65	Resp:	13832
Ion Ratio	Lower	Upper	
65	100		
67	54.1	0.0	105.8

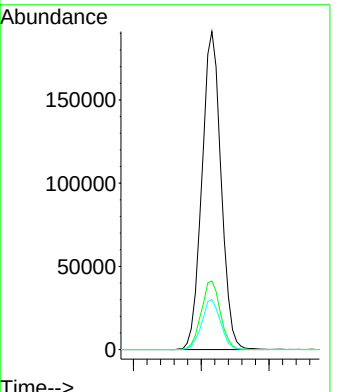
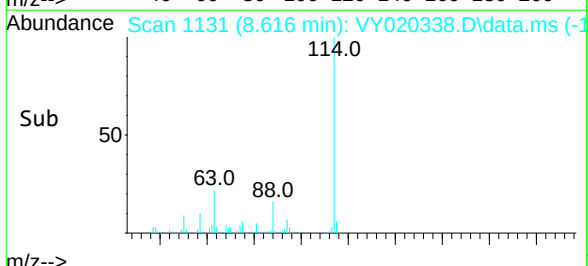
Manual Integrations
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 Reviewed By :Romaben Patel 11/20/2024
 Supervised By :Semsettin Yesilyurt 11/25/2024

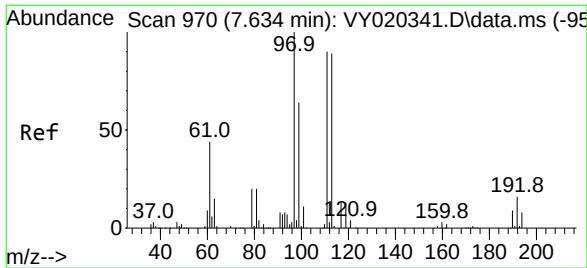


#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.616 min Scan# 1131
 Delta R.T. 0.000 min
 Lab File: VY020338.D
 Acq: 19 Nov 2024 15:49



Tgt Ion:	114	Resp:	374127
Ion Ratio	Lower	Upper	
114	100		
63	21.6	0.0	44.8
88	15.7	0.0	32.0





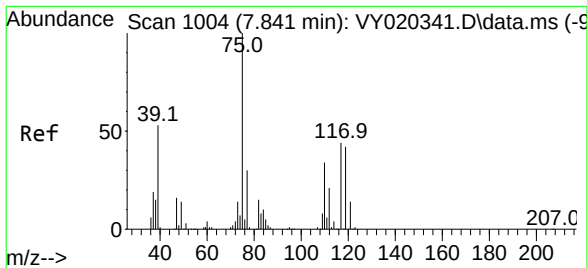
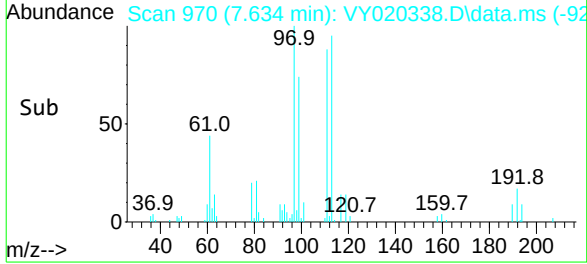
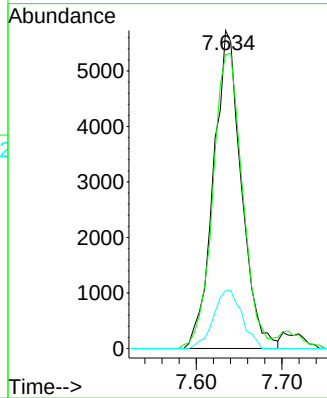
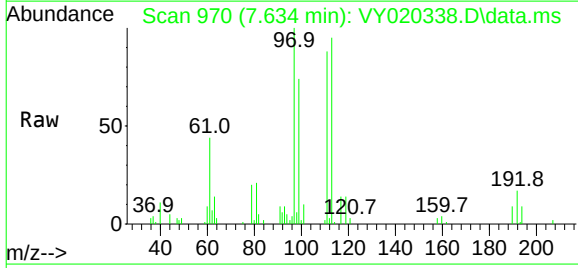
#35
Dibromofluoromethane
Concen: 5.402 ug/l
RT: 7.634 min Scan# 970
Delta R.T. 0.000 min
Lab File: VY020338.D
Acq: 19 Nov 2024 15:49

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tgt Ion: 113 Resp: 12960
Ion Ratio Lower Upper
113 100
111 98.8 81.4 122.0
192 18.8 15.1 22.7

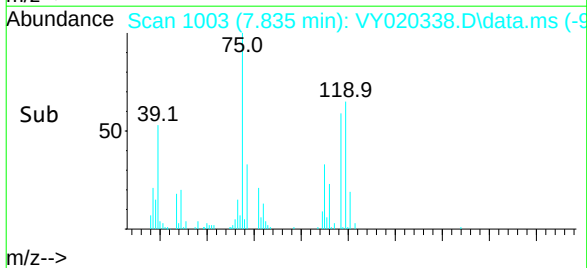
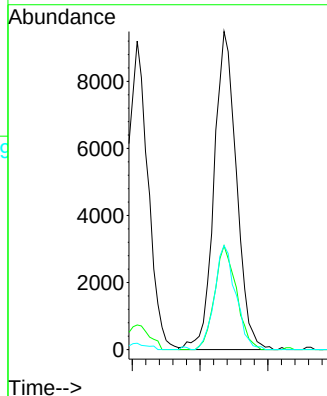
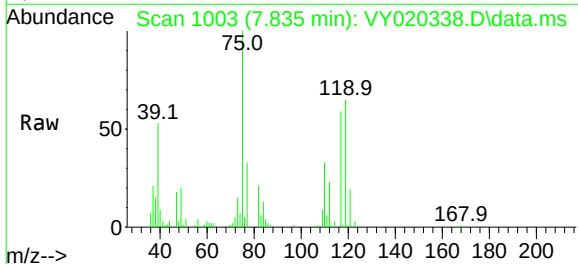
Manual Integrations
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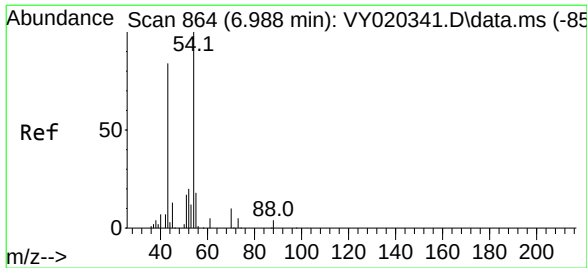
Reviewed By :Romaben Patel 11/20/2024
Supervised By :Semsettin Yesilyurt 11/25/2024



#36
1,1-Dichloropropene
Concen: 5.950 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. -0.006 min
Lab File: VY020338.D
Acq: 19 Nov 2024 15:49

Tgt Ion: 75 Resp: 21801
Ion Ratio Lower Upper
75 100
110 31.8 16.7 50.0
77 31.0 24.6 36.8





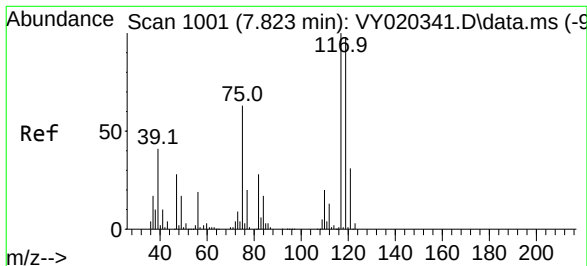
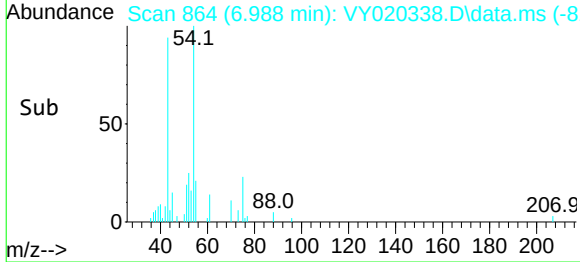
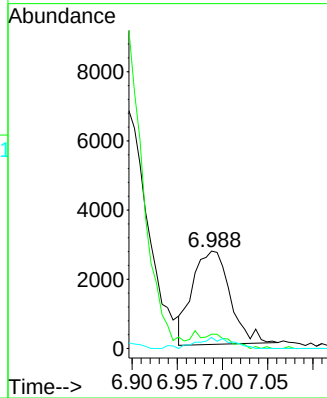
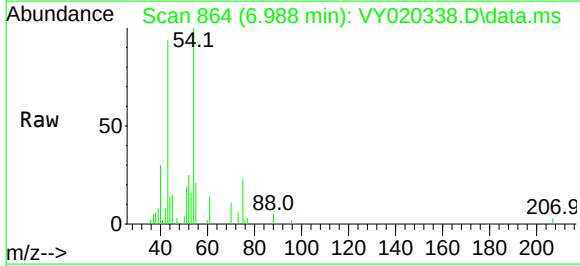
#37
Ethyl Acetate
Concen: 4.569 ug/l
RT: 6.988 min Scan# 864
Delta R.T. 0.000 min
Lab File: VY020338.D
Acq: 19 Nov 2024 15:49

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Tgt Ion: 43 Resp: 7806
Ion Ratio Lower Upper
43 100
61 0.0 10.7 16.1#
70 10.4 7.3 10.9

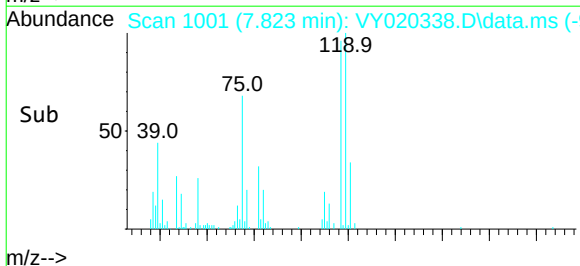
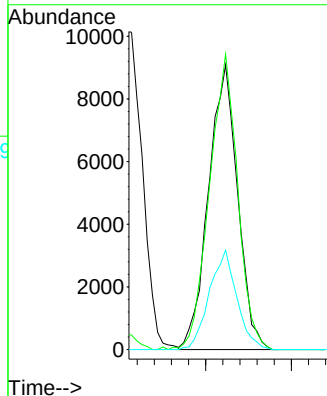
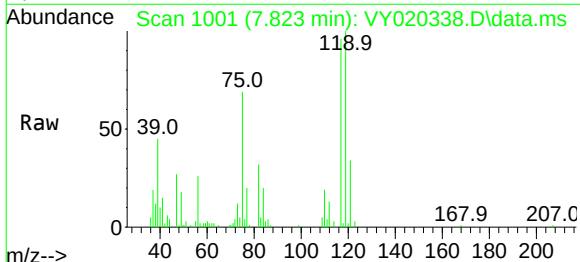
Manual Integrations
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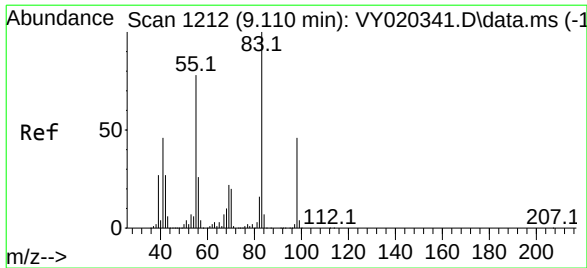
Reviewed By :Romaben Patel 11/20/2024
Supervised By :Semsettin Yesilyurt 11/25/2024



#38
Carbon Tetrachloride
Concen: 5.619 ug/l
RT: 7.823 min Scan# 1001
Delta R.T. 0.000 min
Lab File: VY020338.D
Acq: 19 Nov 2024 15:49

Tgt Ion:117 Resp: 21497
Ion Ratio Lower Upper
117 100
119 103.8 77.8 116.6
121 35.0 24.6 37.0





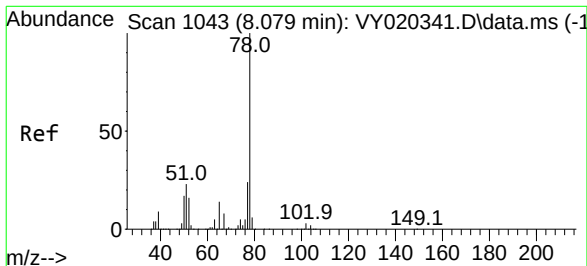
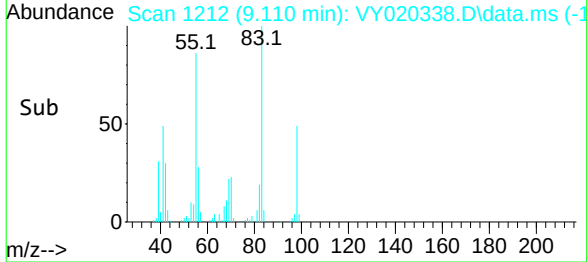
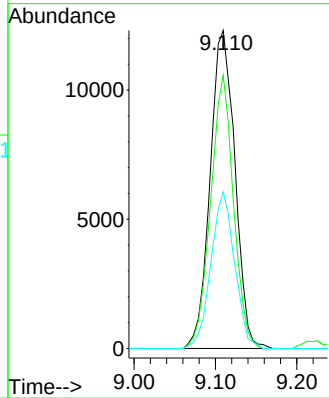
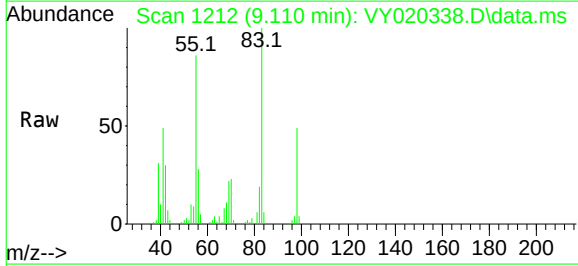
#39
Methylcyclohexane
Concen: 5.673 ug/l
RT: 9.110 min Scan# 1212
Delta R.T. 0.000 min
Lab File: VY020338.D
Acq: 19 Nov 2024 15:49

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Tgt Ion	83	Resp	26014
Ion	Ratio	Lower	Upper
83	100		
55	85.9	62.6	93.8
98	49.3	37.0	55.4

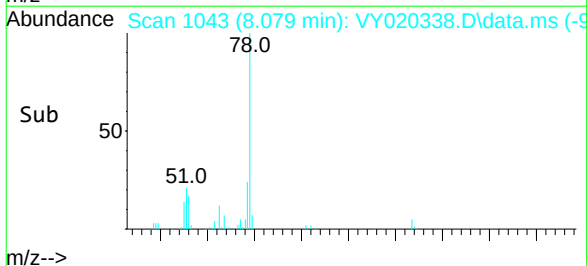
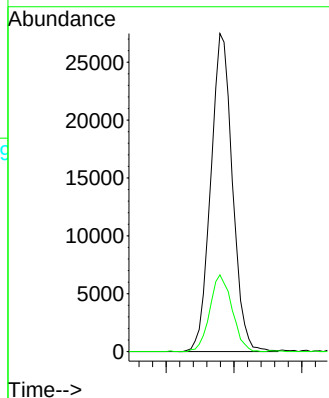
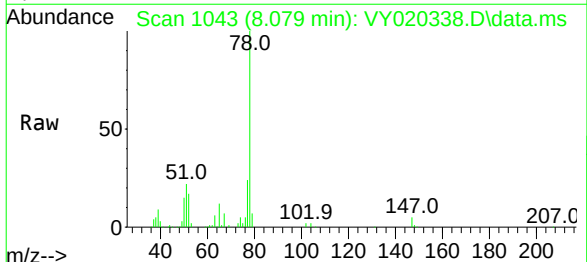
Manual Integrations
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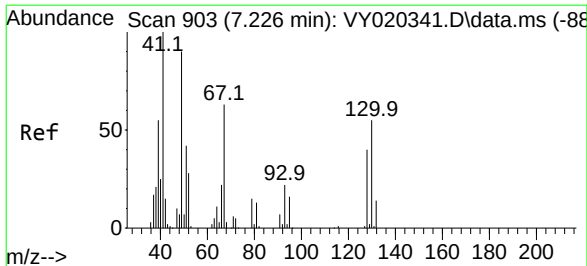
Reviewed By :Romaben Patel 11/20/2024
Supervised By :Semsettin Yesilyurt 11/25/2024



#40
Benzene
Concen: 5.687 ug/l
RT: 8.079 min Scan# 1043
Delta R.T. 0.000 min
Lab File: VY020338.D
Acq: 19 Nov 2024 15:49

Tgt Ion	78	Resp	61067
Ion	Ratio	Lower	Upper
78	100		
77	24.1	19.4	29.0





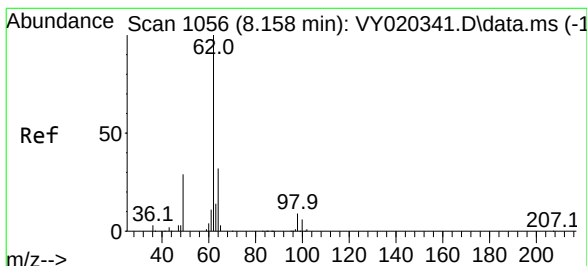
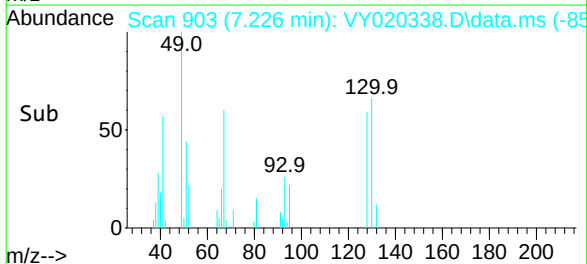
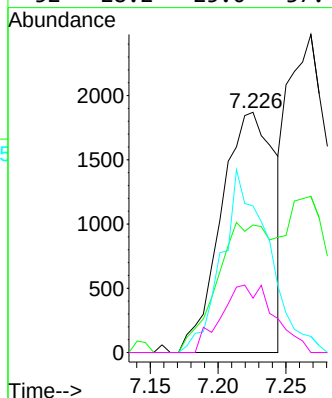
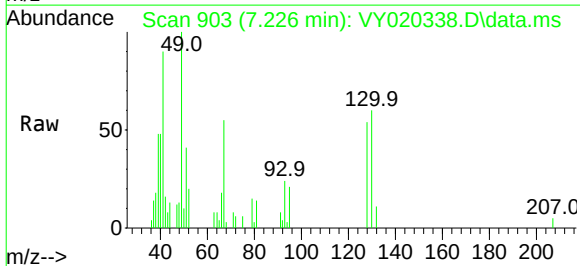
#41
Methacrylonitrile
Concen: 5.355 ug/l
RT: 7.226 min Scan# 90
Delta R.T. 0.000 min
Lab File: VY020338.D
Acq: 19 Nov 2024 15:49

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Tgt Ion:	41	Resp:	5114
Ion	Ratio	Lower	Upper
41	100		
39	52.0	49.0	73.4
67	66.5	57.1	85.7
52	28.2	25.0	37.4

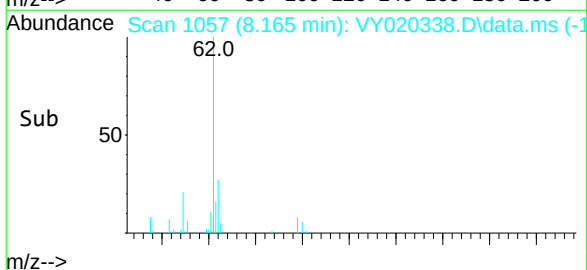
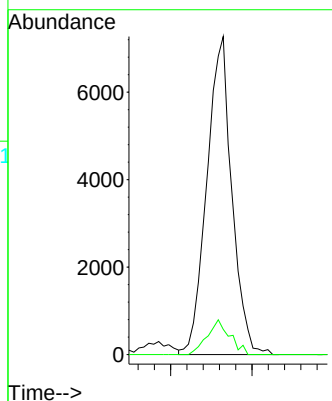
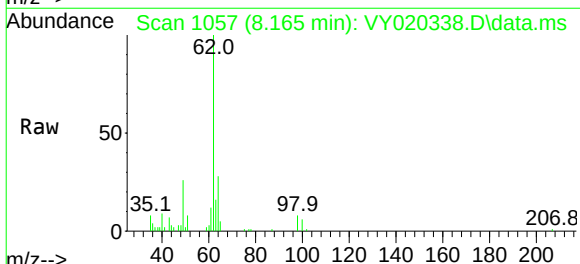
Manual Integrations
APPROVED

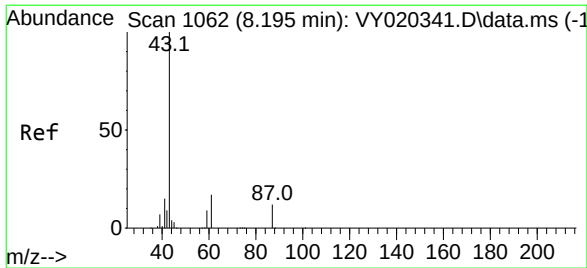
Reviewed By :Romaben Patel 11/20/2024
Supervised By :Semsettin Yesilyurt 11/25/2024



#42
1,2-Dichloroethane
Concen: 5.366 ug/l
RT: 8.165 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VY020338.D
Acq: 19 Nov 2024 15:49

Tgt Ion:	62	Resp:	15552
Ion	Ratio	Lower	Upper
62	100		
98	9.9	0.0	18.0





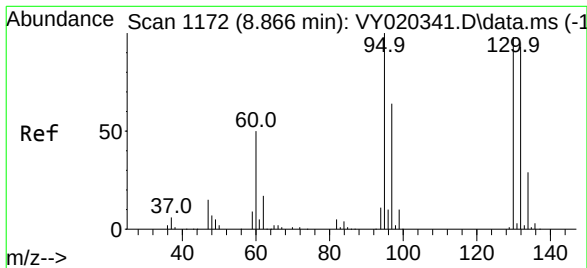
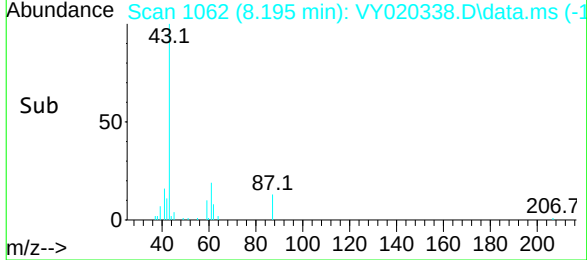
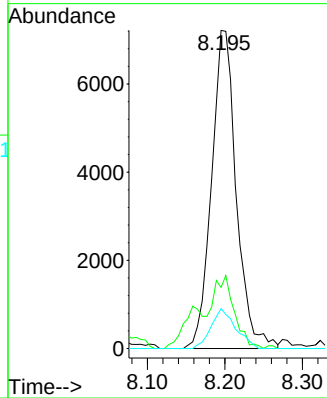
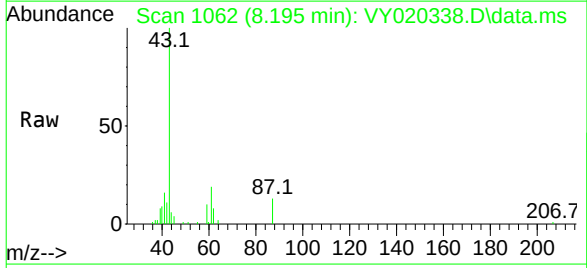
#43
Isopropyl Acetate
Concen: 4.909 ug/l
RT: 8.195 min Scan# 1062
Delta R.T. 0.000 min
Lab File: VY020338.D
Acq: 19 Nov 2024 15:49

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tgt Ion	Ratio	Lower	Upper
43	100		
61	19.3	22.8	34.2
87	12.4	9.6	14.4

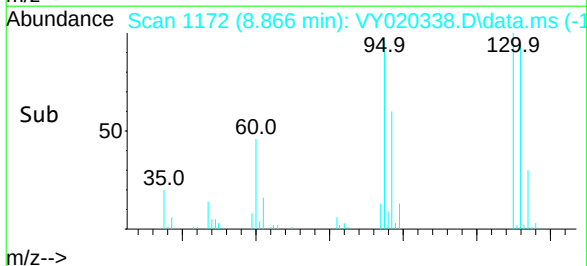
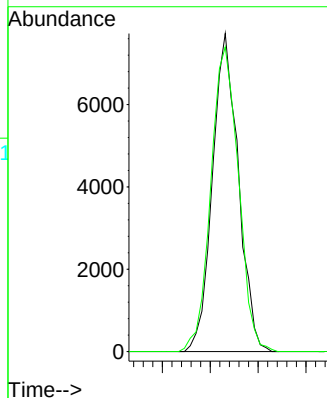
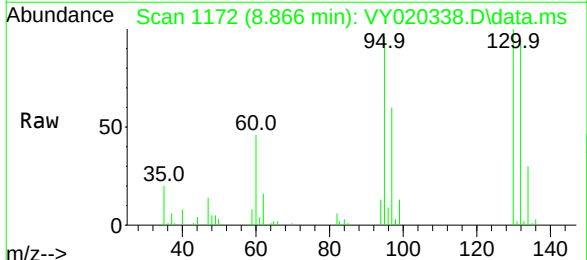
Manual Integrations
APPROVED

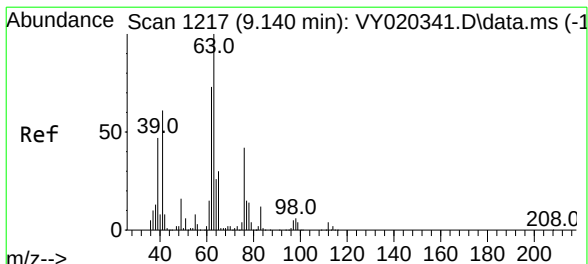
Reviewed By :Romaben Patel 11/20/2024
Supervised By :Semsettin Yesilyurt 11/25/2024



#44
Trichloroethene
Concen: 5.707 ug/l
RT: 8.866 min Scan# 1172
Delta R.T. 0.000 min
Lab File: VY020338.D
Acq: 19 Nov 2024 15:49

Tgt Ion	Ratio	Lower	Upper
130	100		
95	95.8	0.0	204.8





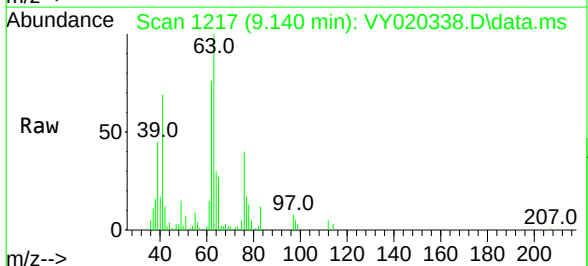
#45
 1,2-Dichloropropane
 Concen: 5.464 ug/l
 RT: 9.140 min Scan# 1217
 Delta R.T. 0.000 min
 Lab File: VY020338.D
 Acq: 19 Nov 2024 15:49

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC005

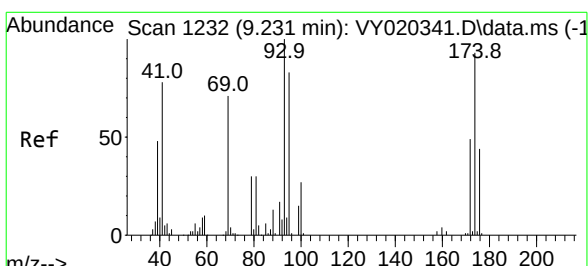
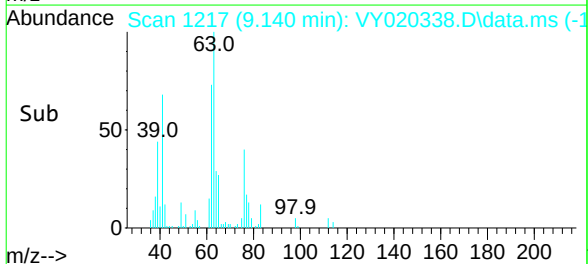
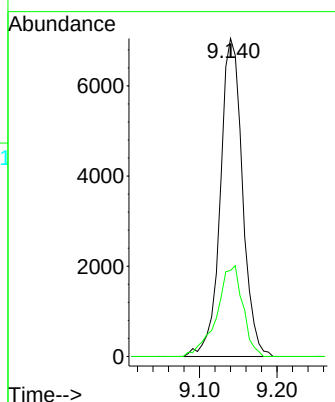


Tgt Ion:	63	Resp:	13999
Ion Ratio	Lower	Upper	
63	100		
65	27.0	24.2	36.4

Manual Integrations

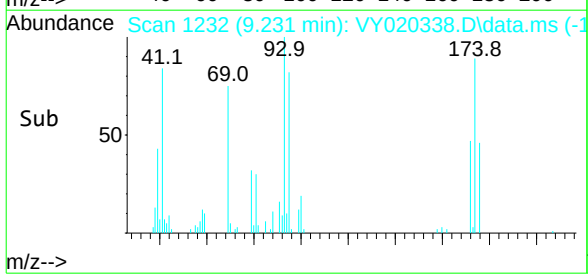
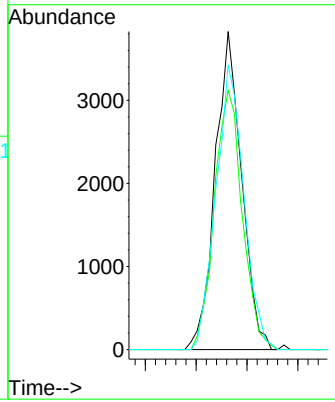
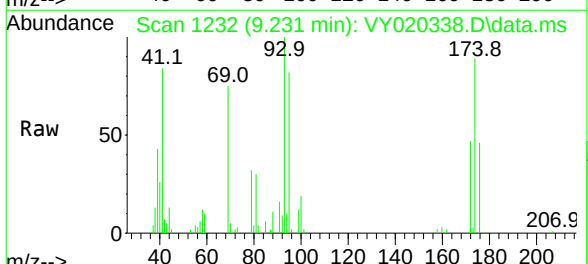
APPROVED

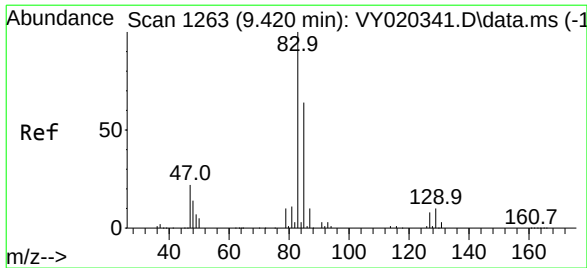
Reviewed By :Romaben Patel 11/20/2024
 Supervised By :Semsettin Yesilyurt 11/25/2024



#46
 Dibromomethane
 Concen: 5.278 ug/l
 RT: 9.231 min Scan# 1232
 Delta R.T. 0.000 min
 Lab File: VY020338.D
 Acq: 19 Nov 2024 15:49

Tgt Ion:	93	Resp:	6930
Ion Ratio	Lower	Upper	
93	100		
95	86.0	65.3	97.9
174	94.1	74.4	111.6





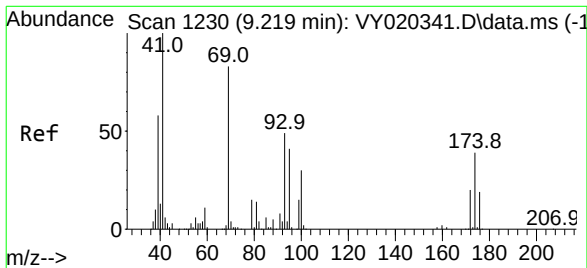
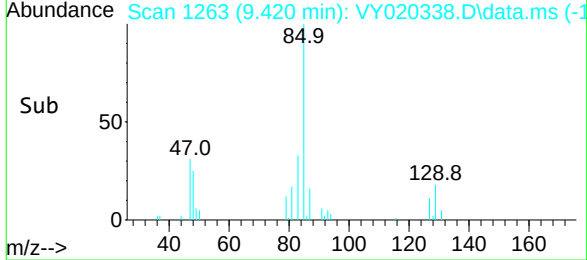
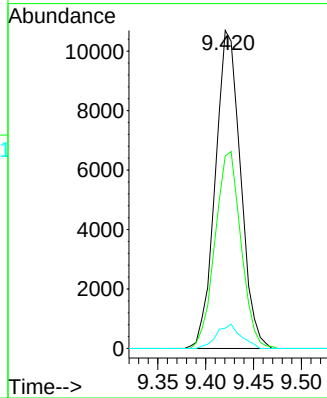
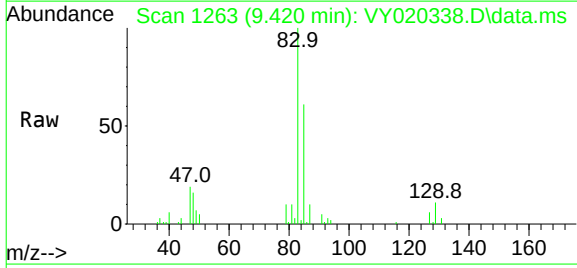
#47
Bromodichloromethane
Concen: 5.415 ug/l
RT: 9.420 min Scan# 1263
Delta R.T. 0.000 min
Lab File: VY020338.D
Acq: 19 Nov 2024 15:49

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tgt Ion:	83	Resp:	19627
Ion	Ratio	Lower	Upper
83	100		
85	60.5	51.4	77.2
127	6.4	6.3	9.5

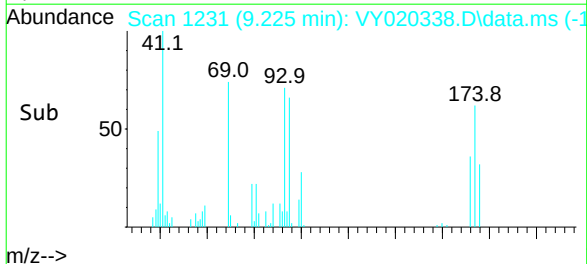
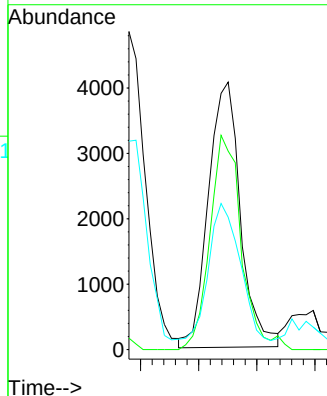
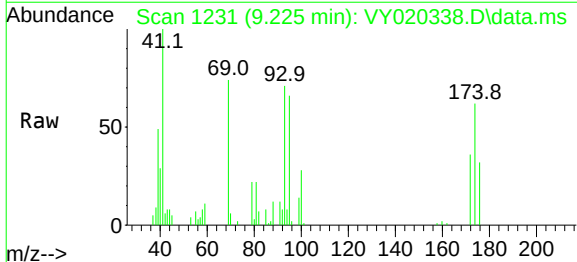
Manual Integrations
APPROVED

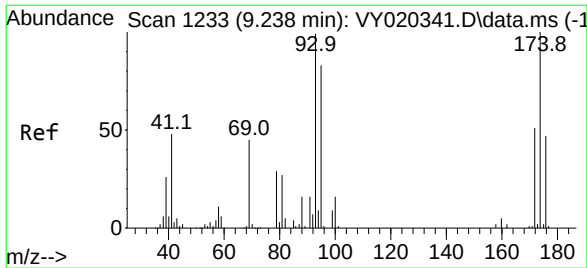
Reviewed By :Romaben Patel 11/20/2024
Supervised By :Semsettin Yesilyurt 11/25/2024



#48
Methyl methacrylate
Concen: 4.992 ug/l
RT: 9.225 min Scan# 1231
Delta R.T. 0.006 min
Lab File: VY020338.D
Acq: 19 Nov 2024 15:49

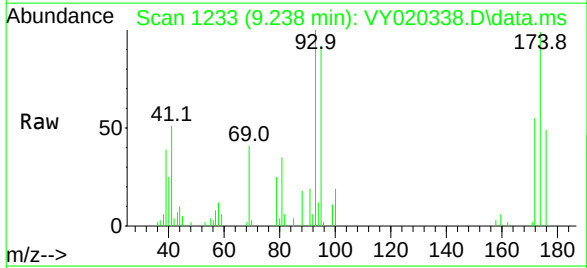
Tgt Ion:	41	Resp:	7791
Ion	Ratio	Lower	Upper
41	100		
69	78.9	66.1	99.1
39	50.7	46.0	69.0





#49
1,4-Dioxane
Concen: 105.186 ug/l
RT: 9.238 min Scan# 1233
Delta R.T. 0.000 min
Lab File: VY020338.D
Acq: 19 Nov 2024 15:49

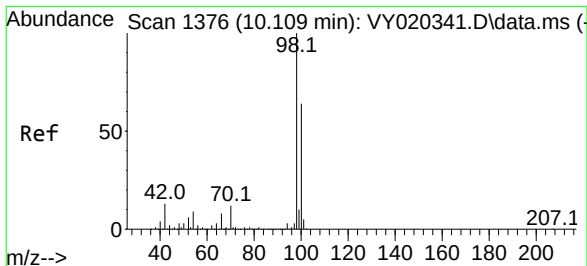
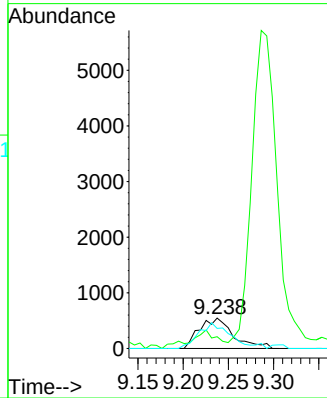
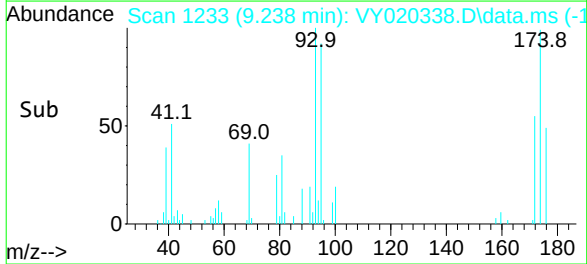
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005



Tgt Ion: 88 Resp: 1421
Ion Ratio Lower Upper
88 100
43 48.6 24.6 37.0#
58 79.7 59.6 89.4

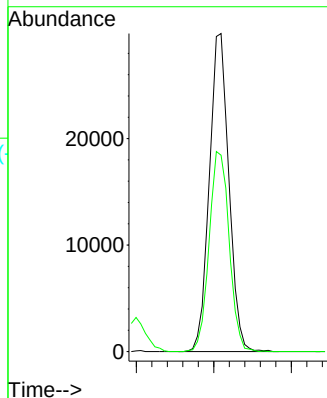
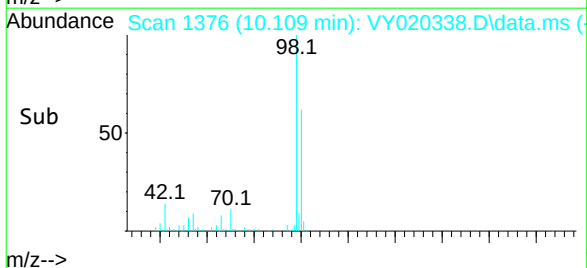
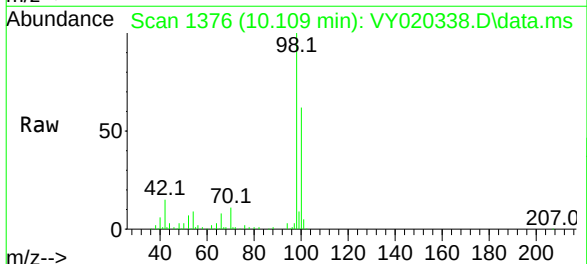
Manual Integrations
APPROVED

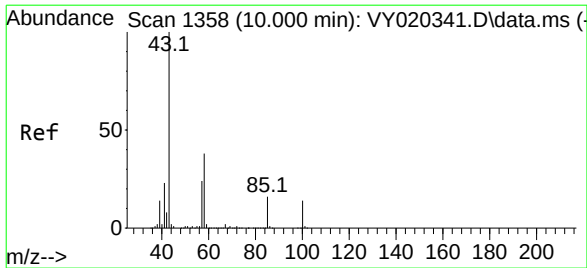
Reviewed By :Romaben Patel 11/20/2024
Supervised By :Semsettin Yesilyurt 11/25/2024



#50
Toluene-d8
Concen: 5.533 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.000 min
Lab File: VY020338.D
Acq: 19 Nov 2024 15:49

Tgt Ion: 98 Resp: 52284
Ion Ratio Lower Upper
98 100
100 64.6 51.3 76.9





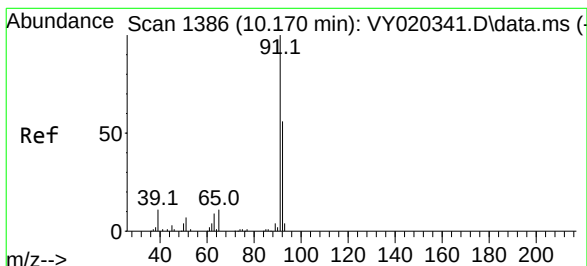
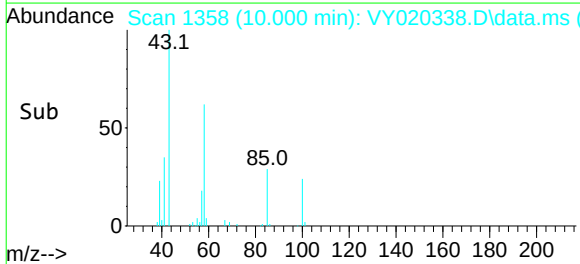
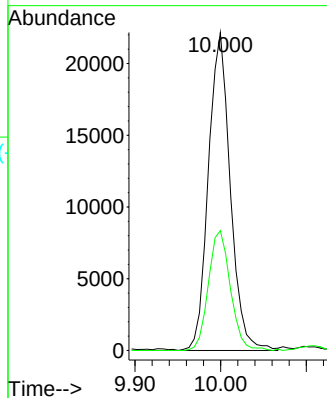
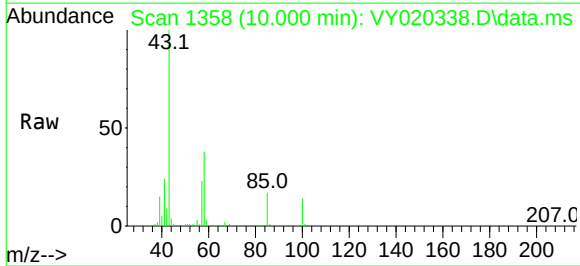
#51
4-Methyl-2-Pentanone
Concen: 23.742 ug/l
RT: 10.000 min Scan# 1358
Delta R.T. 0.000 min
Lab File: VY020338.D
Acq: 19 Nov 2024 15:49

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Tgt Ion: 43 Resp: 39329
Ion Ratio Lower Upper
43 100
58 37.8 30.9 46.3

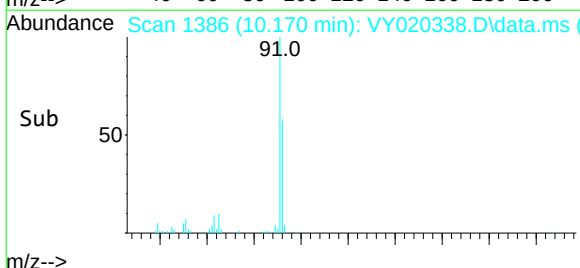
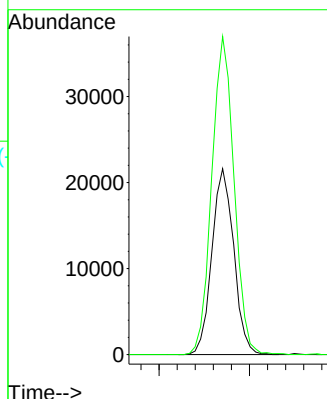
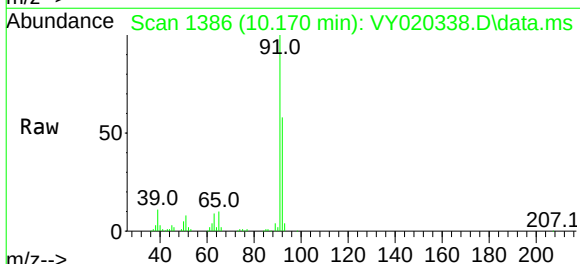
Manual Integrations
APPROVED

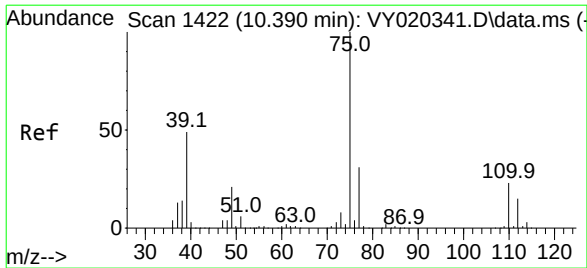
Reviewed By :Romaben Patel 11/20/2024
Supervised By :Semsettin Yesilyurt 11/25/2024



#52
Toluene
Concen: 5.530 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. 0.000 min
Lab File: VY020338.D
Acq: 19 Nov 2024 15:49

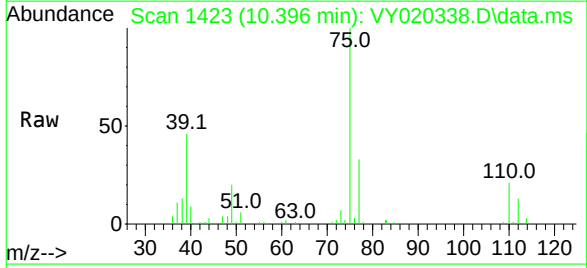
Tgt Ion: 92 Resp: 36298
Ion Ratio Lower Upper
92 100
91 174.3 139.7 209.5





#53
t-1,3-Dichloropropene
Concen: 5.833 ug/l
RT: 10.396 min Scan# 1422
Delta R.T. 0.006 min
Lab File: VY020338.D
Acq: 19 Nov 2024 15:49

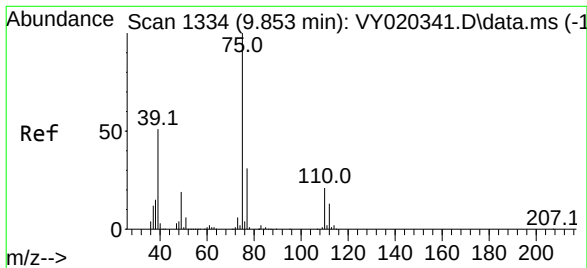
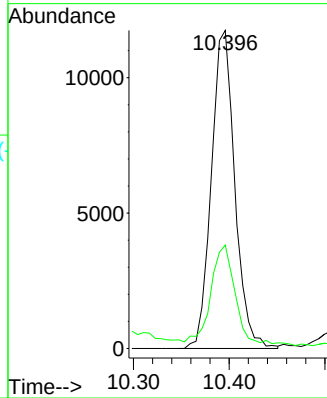
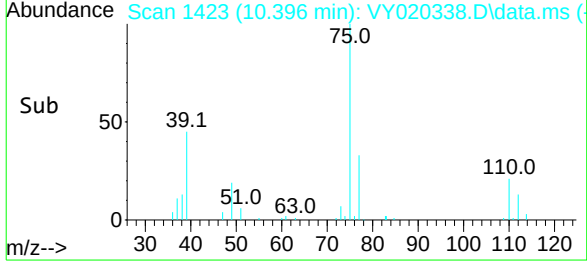
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005



Tgt Ion: 75 Resp: 19995
Ion Ratio Lower Upper
75 100
77 30.8 25.2 37.8

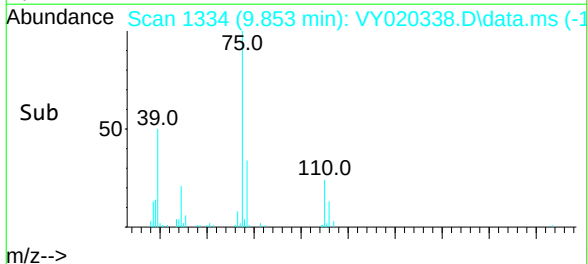
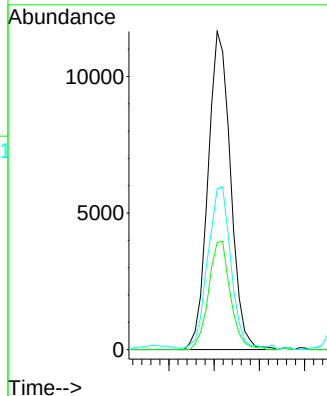
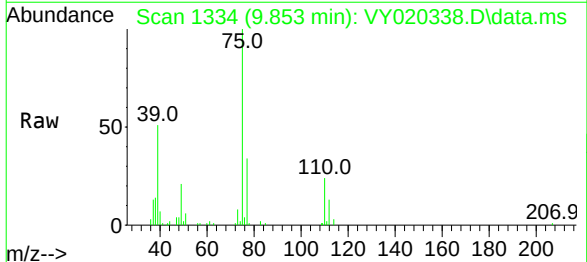
Manual Integrations
APPROVED

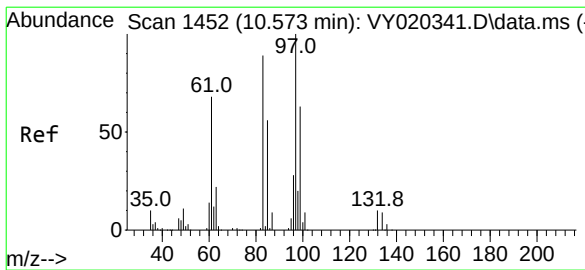
Reviewed By :Romaben Patel 11/20/2024
Supervised By :Semsettin Yesilyurt 11/25/2024



#54
cis-1,3-Dichloropropene
Concen: 5.153 ug/l
RT: 9.853 min Scan# 1334
Delta R.T. 0.000 min
Lab File: VY020338.D
Acq: 19 Nov 2024 15:49

Tgt Ion: 75 Resp: 20222
Ion Ratio Lower Upper
75 100
77 33.7 25.0 37.4
39 50.5 41.0 61.6





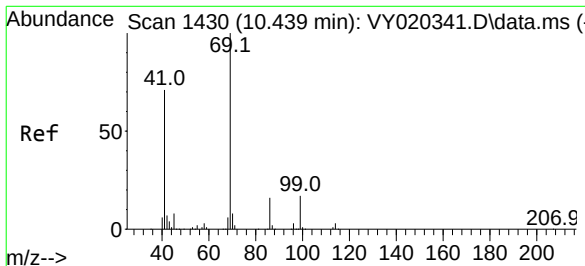
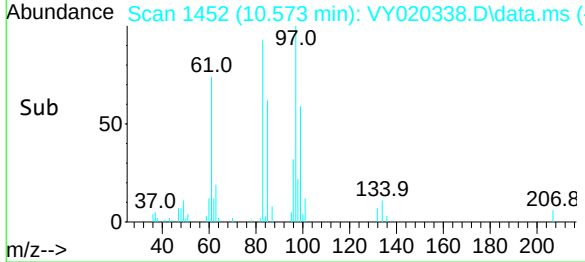
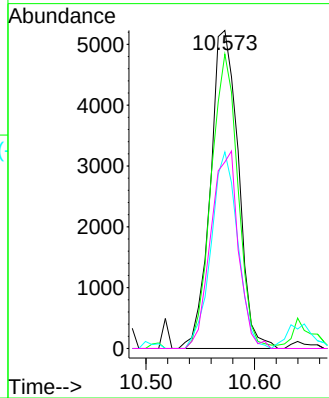
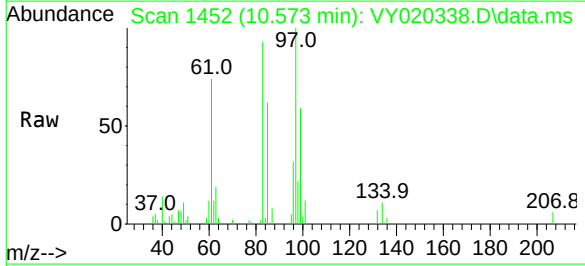
#55
1,1,2-Trichloroethane
Concen: 5.372 ug/l
RT: 10.573 min Scan# 1452
Delta R.T. 0.000 min
Lab File: VY020338.D
Acq: 19 Nov 2024 15:49

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tgt Ion	Ratio	Lower	Upper
97	100		
83	92.5	70.8	106.2
85	61.8	44.9	67.3
99	58.6	50.6	76.0

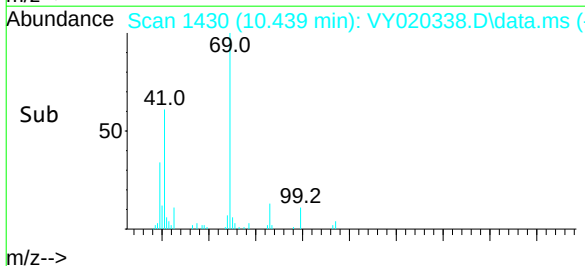
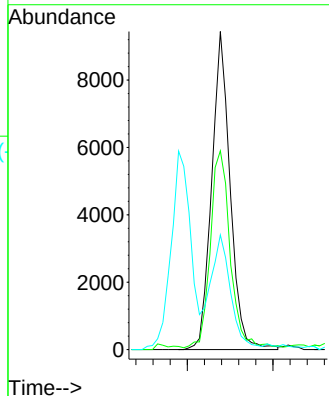
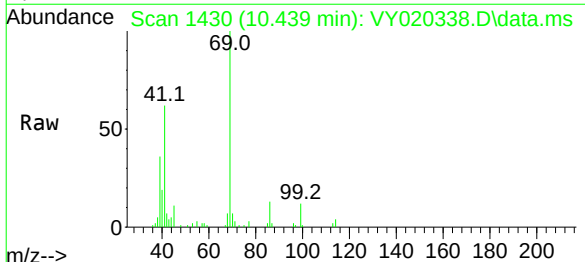
Manual Integrations
APPROVED

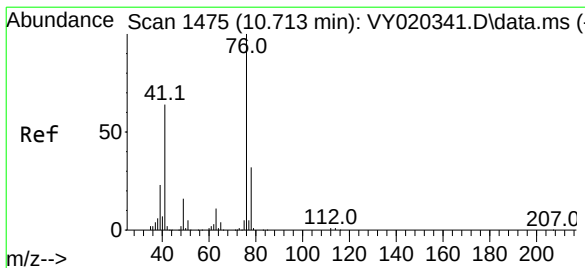
Reviewed By :Romaben Patel 11/20/2024
Supervised By :Semsettin Yesilyurt 11/25/2024



#56
Ethyl methacrylate
Concen: 5.399 ug/l
RT: 10.439 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VY020338.D
Acq: 19 Nov 2024 15:49

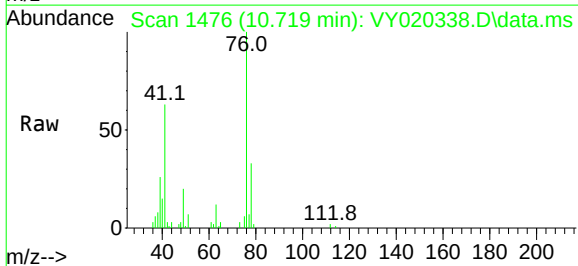
Tgt Ion	Ratio	Lower	Upper
69	100		
41	67.0	56.1	84.1
39	38.0	29.7	44.5





#57
1,3-Dichloropropane
Concen: 5.190 ug/l
RT: 10.719 min Scan# 1475
Delta R.T. 0.006 min
Lab File: VY020338.D
Acq: 19 Nov 2024 15:49

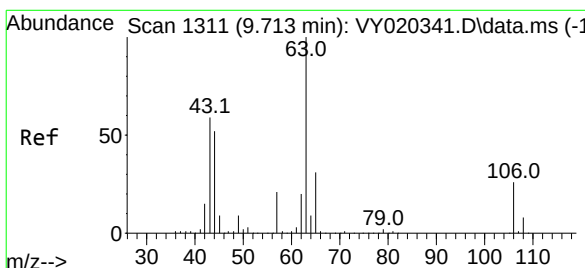
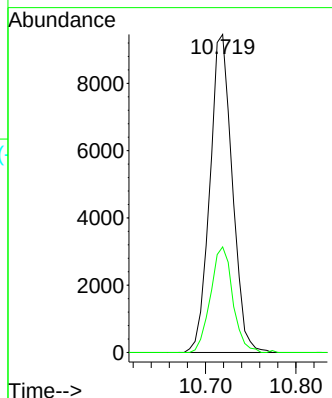
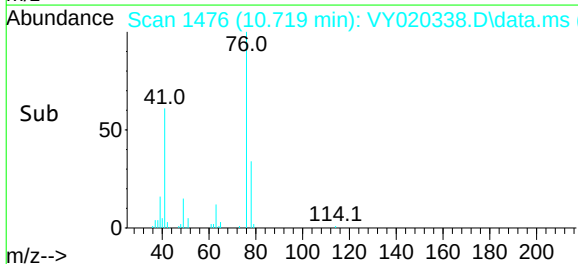
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005



Tgt Ion: 76 Resp: 16257
Ion Ratio Lower Upper
76 100
78 32.9 26.0 39.0

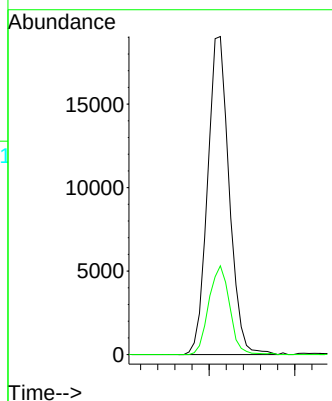
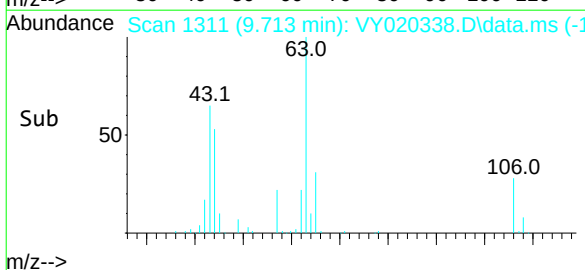
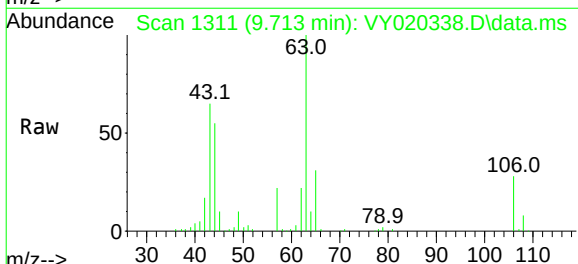
Manual Integrations
APPROVED

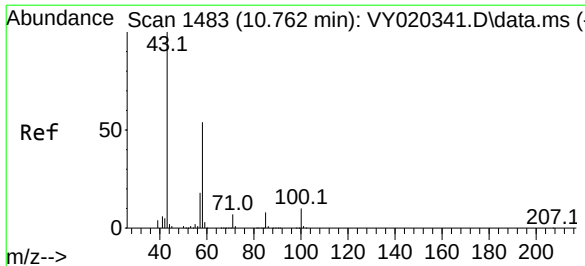
Reviewed By :Romaben Patel 11/20/2024
Supervised By :Semsettin Yesilyurt 11/25/2024



#58
2-Chloroethyl Vinyl ether
Concen: 26.863 ug/l
RT: 9.713 min Scan# 1311
Delta R.T. 0.000 min
Lab File: VY020338.D
Acq: 19 Nov 2024 15:49

Tgt Ion: 63 Resp: 33342
Ion Ratio Lower Upper
63 100
106 27.0 21.0 31.4





#59

2-Hexanone

Concen: 22.690 ug/l

RT: 10.762 min Scan# 1483

Delta R.T. 0.000 min

Lab File: VY020338.D

Acq: 19 Nov 2024 15:49

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC005

Tgt Ion: 43 Resp: 26616

Ion Ratio Lower Upper

43 100

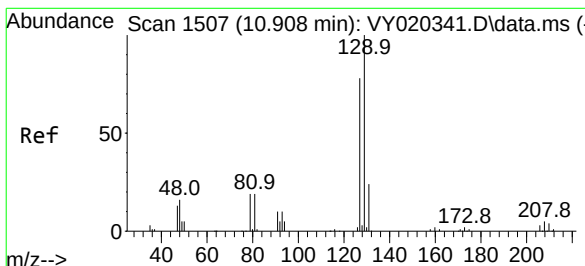
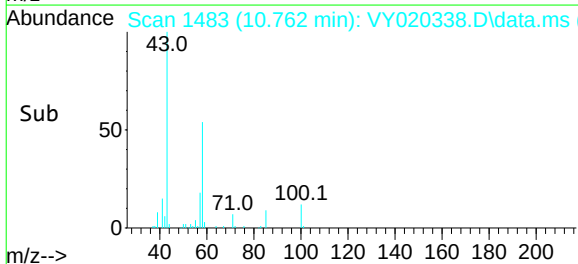
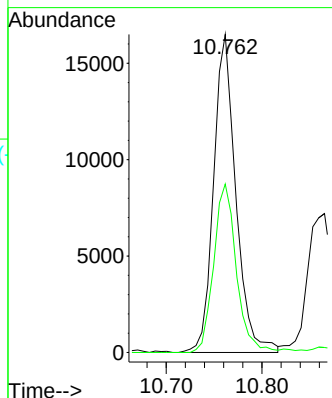
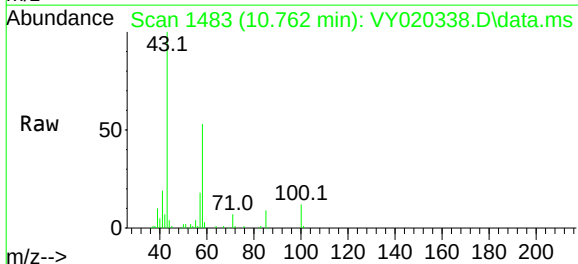
58 53.8 26.4 79.2

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 11/20/2024

Supervised By :Semsettin Yesilyurt 11/25/2024



#60

Dibromochloromethane

Concen: 5.313 ug/l

RT: 10.908 min Scan# 1507

Delta R.T. 0.000 min

Lab File: VY020338.D

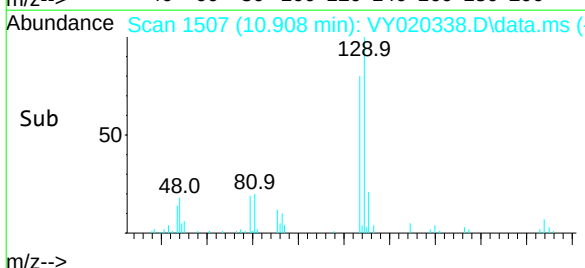
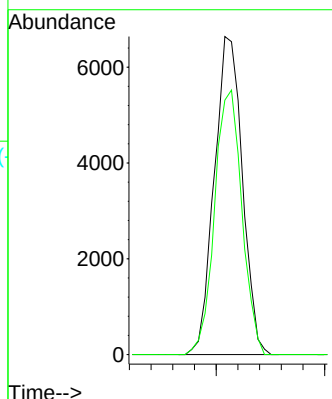
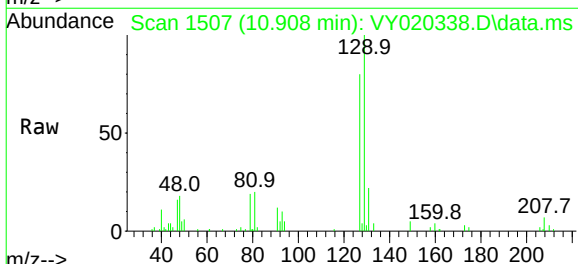
Acq: 19 Nov 2024 15:49

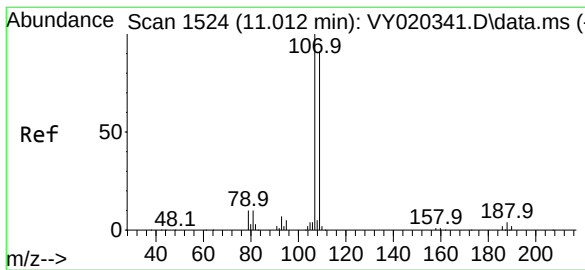
Tgt Ion:129 Resp: 11937

Ion Ratio Lower Upper

129 100

127 80.8 38.3 114.9





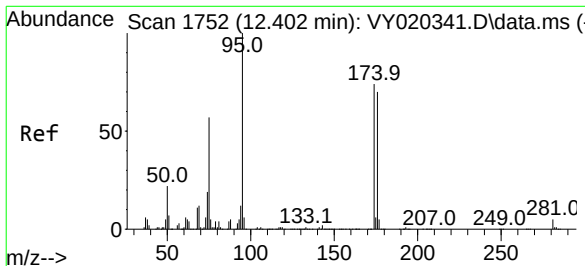
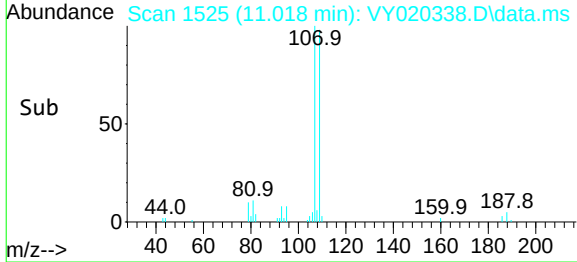
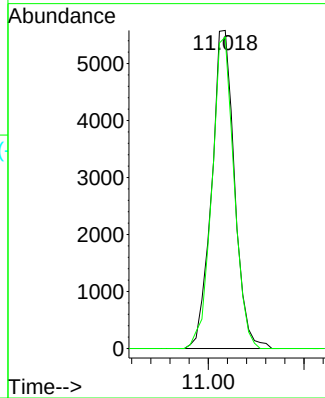
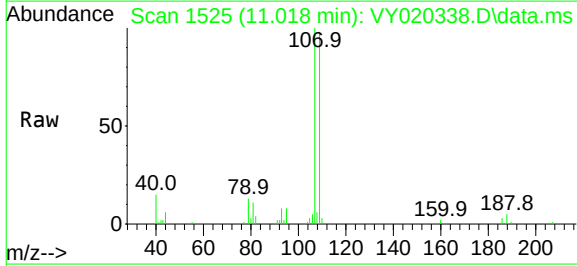
#61
1,2-Dibromoethane
Concen: 5.726 ug/l
RT: 11.018 min Scan# 1524
Delta R.T. 0.006 min
Lab File: VY020338.D
Acq: 19 Nov 2024 15:49

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tgt Ion: 107 Resp: 9249
Ion Ratio Lower Upper
107 100
109 95.0 74.6 111.8

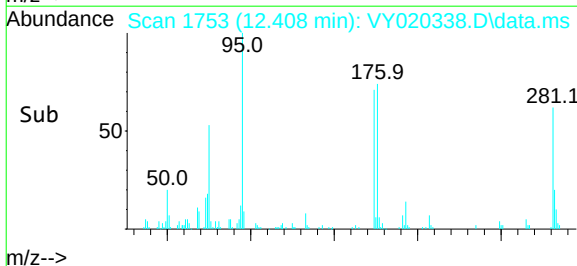
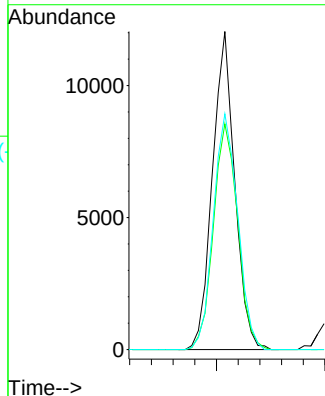
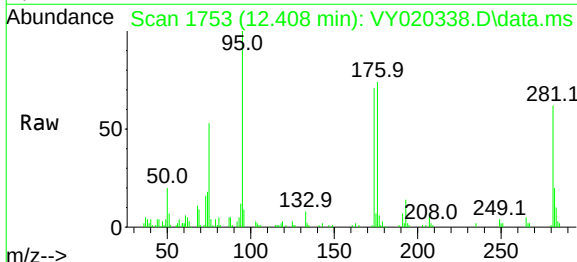
Manual Integrations
APPROVED

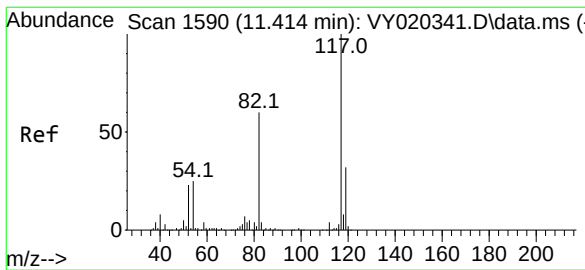
Reviewed By :Romaben Patel 11/20/2024
Supervised By :Semsettin Yesilyurt 11/25/2024



#62
4-Bromofluorobenzene
Concen: 5.655 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY020338.D
Acq: 19 Nov 2024 15:49

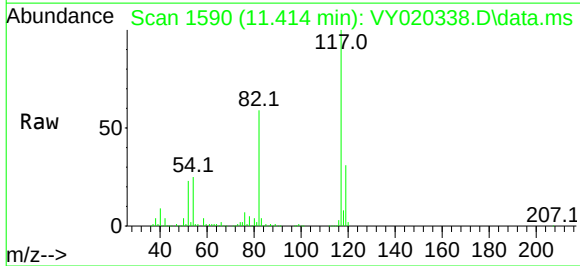
Tgt Ion: 95 Resp: 17179
Ion Ratio Lower Upper
95 100
174 77.3 0.0 156.8
176 81.2 0.0 152.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. 0.000 min
Lab File: VY020338.D
Acq: 19 Nov 2024 15:49

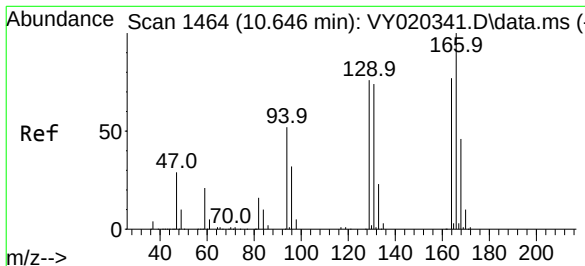
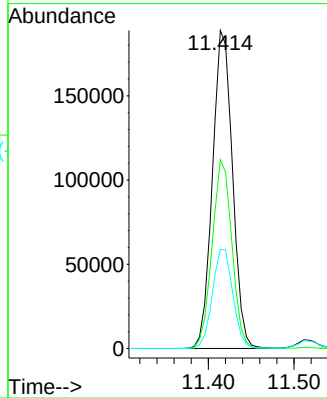
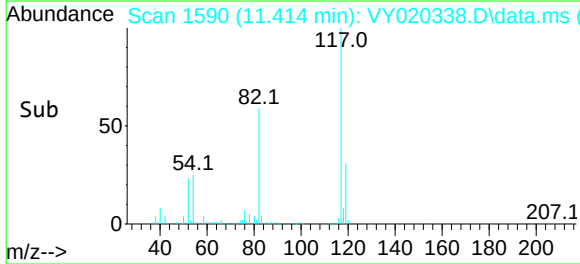
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005



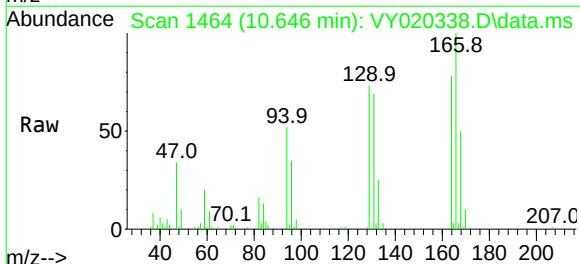
Tgt Ion:117 Resp: 306982
Ion Ratio Lower Upper
117 100
82 59.3 48.2 72.4
119 31.2 25.8 38.8

Manual Integrations
APPROVED

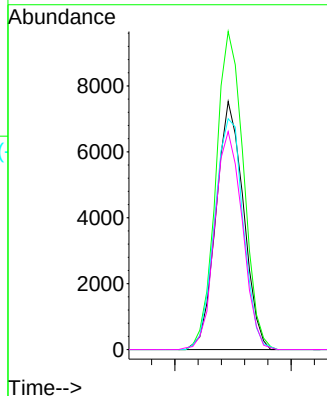
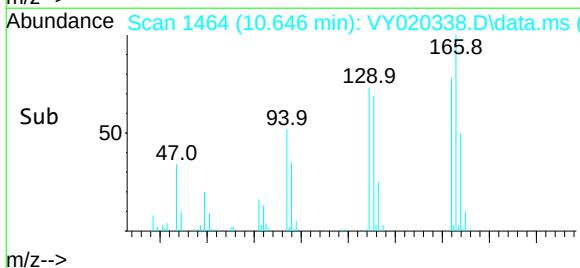
Reviewed By :Romaben Patel 11/20/2024
Supervised By :Semsettin Yesilyurt 11/25/2024

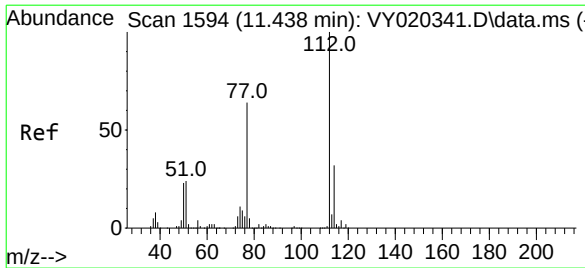


#64
Tetrachloroethene
Concen: 5.582 ug/l
RT: 10.646 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VY020338.D
Acq: 19 Nov 2024 15:49



Tgt Ion:164 Resp: 12352
Ion Ratio Lower Upper
164 100
166 128.2 103.8 155.8
129 93.1 79.0 118.4
131 87.9 77.1 115.7





#65

Chlorobenzene

Concen: 5.642 ug/l

RT: 11.444 min Scan# 1594

Delta R.T. 0.006 min

Lab File: VY020338.D

Acq: 19 Nov 2024 15:49

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

Tgt Ion:112 Resp: 38618

Ion Ratio Lower Upper

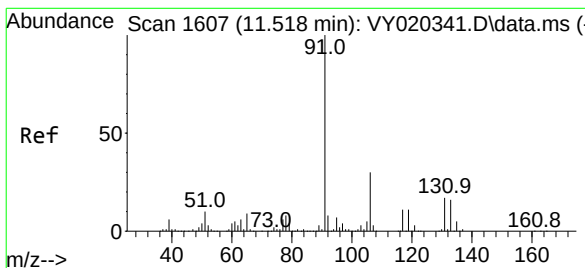
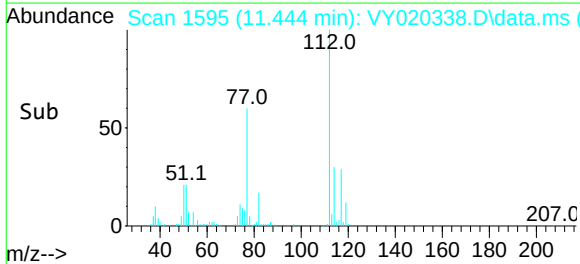
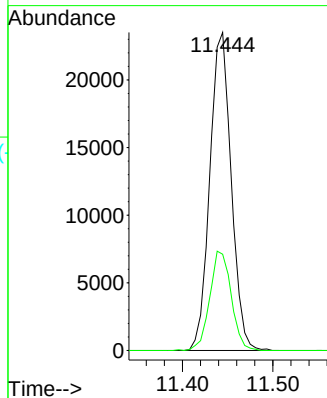
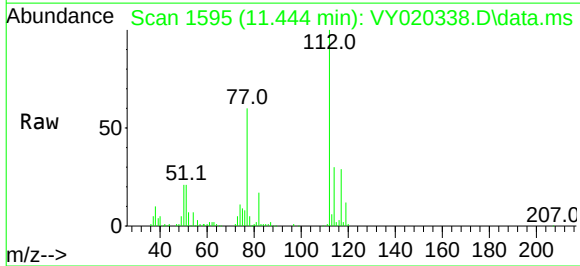
112 100

114 30.3 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 11/20/2024
Supervised By :Semsettin Yesilyurt 11/25/2024



#66

1,1,1,2-Tetrachloroethane

Concen: 5.742 ug/l

RT: 11.518 min Scan# 1607

Delta R.T. 0.000 min

Lab File: VY020338.D

Acq: 19 Nov 2024 15:49

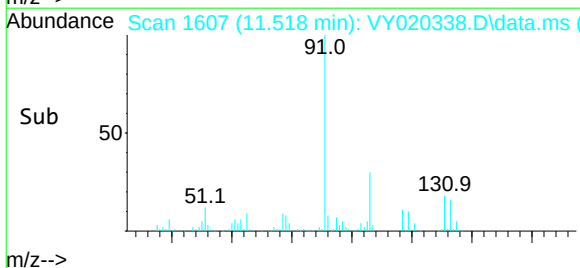
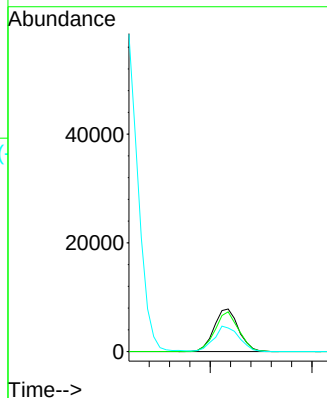
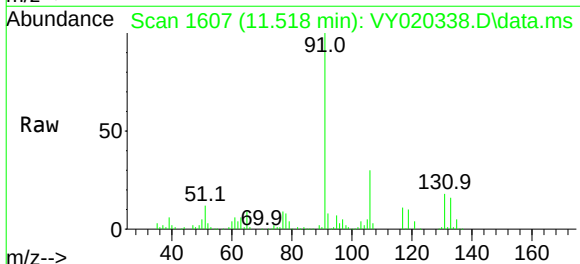
Tgt Ion:131 Resp: 13130

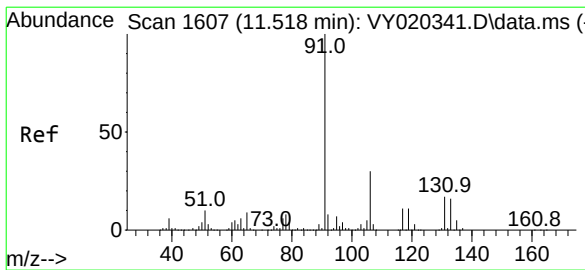
Ion Ratio Lower Upper

131 100

133 90.6 47.8 143.3

119 60.5 32.5 97.5





#67

Ethyl Benzene

Concen: 5.638 ug/l

RT: 11.518 min Scan# 1607

Delta R.T. 0.000 min

Lab File: VY020338.D

Acq: 19 Nov 2024 15:49

Instrument :

MSVOA_Y

ClientSampleId :

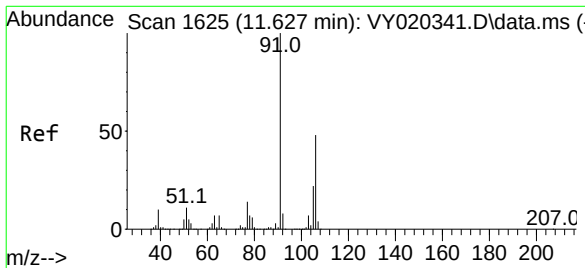
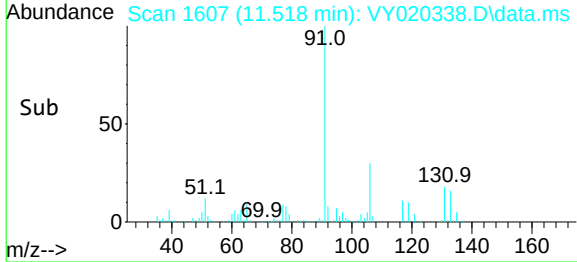
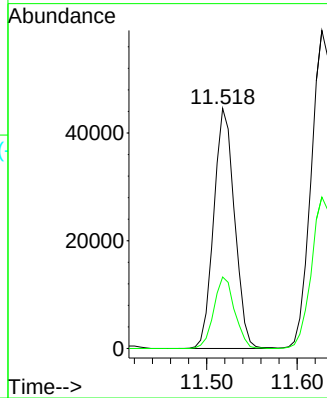
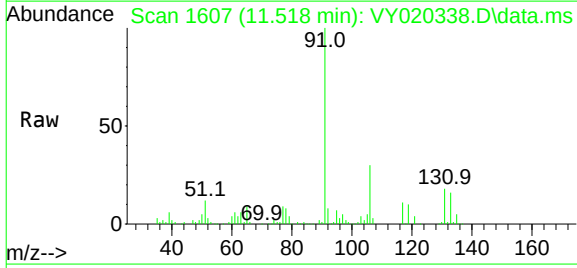
VSTDICC005

Tgt Ion: 91 Resp: 71195
 Ion Ratio Lower Upper
 91 100
 106 29.8 23.9 35.9

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 11/20/2024
 Supervised By :Semsettin Yesilyurt 11/25/2024



#68

m/p-Xylenes

Concen: 11.185 ug/l

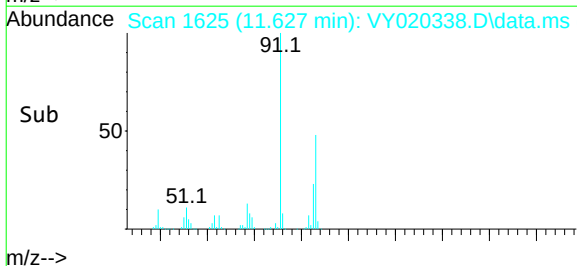
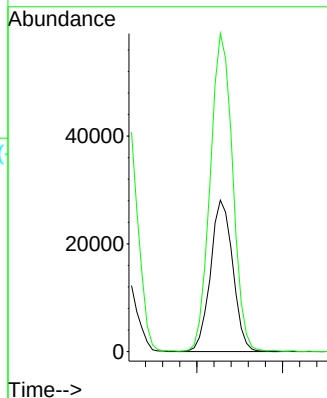
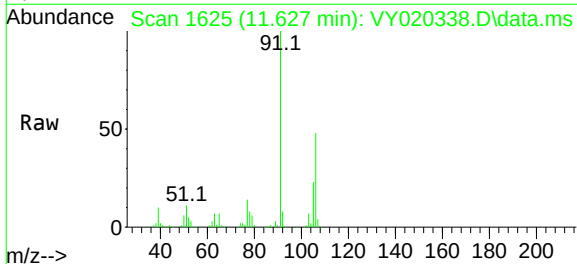
RT: 11.627 min Scan# 1625

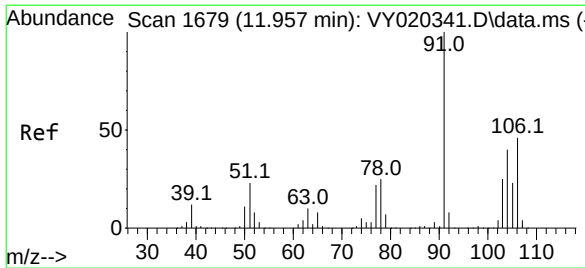
Delta R.T. 0.000 min

Lab File: VY020338.D

Acq: 19 Nov 2024 15:49

Tgt Ion:106 Resp: 50872
 Ion Ratio Lower Upper
 106 100
 91 211.9 166.0 249.0





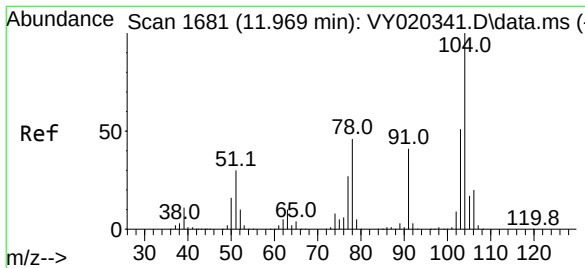
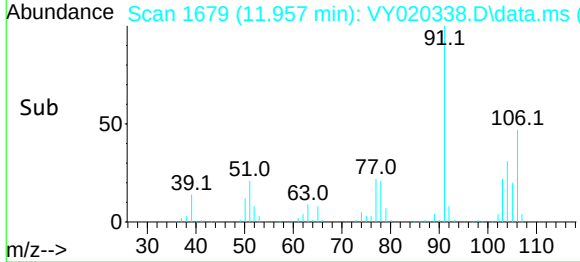
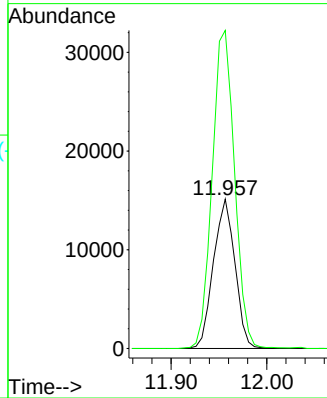
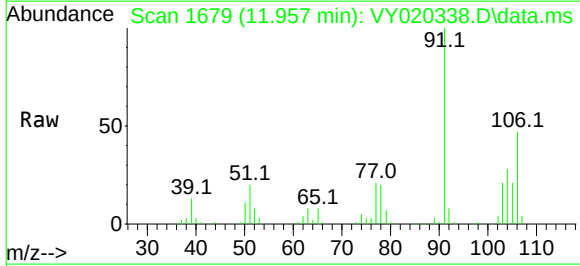
#69
o-Xylene
Concen: 5.482 ug/l
RT: 11.957 min Scan# 1679
Delta R.T. 0.000 min
Lab File: VY020338.D
Acq: 19 Nov 2024 15:49

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Tgt Ion:106 Resp: 23650
Ion Ratio Lower Upper
106 100
91 221.6 110.0 330.0

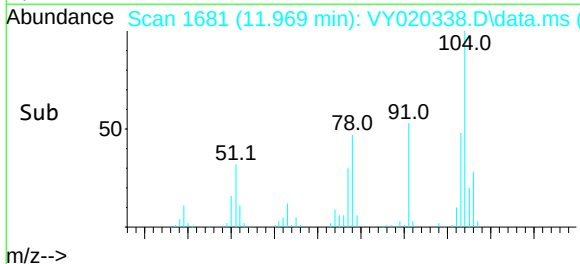
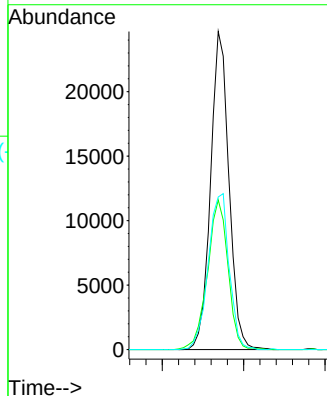
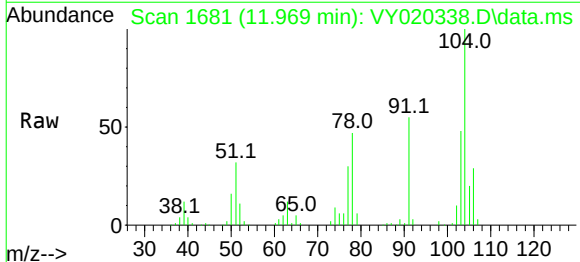
Manual Integrations
APPROVED

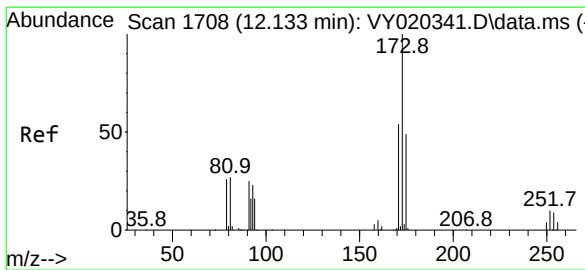
Reviewed By :Romaben Patel 11/20/2024
Supervised By :Semsettin Yesilyurt 11/25/2024



#70
Styrene
Concen: 5.403 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. 0.000 min
Lab File: VY020338.D
Acq: 19 Nov 2024 15:49

Tgt Ion:104 Resp: 38724
Ion Ratio Lower Upper
104 100
78 52.5 41.4 62.2
103 55.9 44.2 66.4





#71

Bromoform

Concen: 5.330 ug/l

RT: 12.133 min Scan# 1708

Delta R.T. 0.000 min

Lab File: VY020338.D

Acq: 19 Nov 2024 15:49

Instrument :

MSVOA_Y

ClientSampleId :

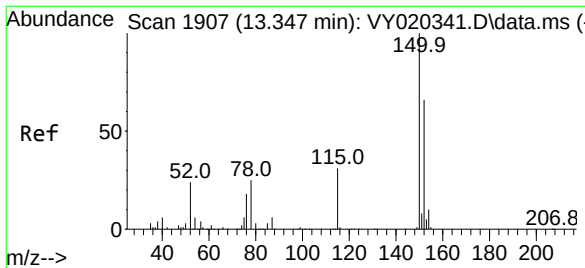
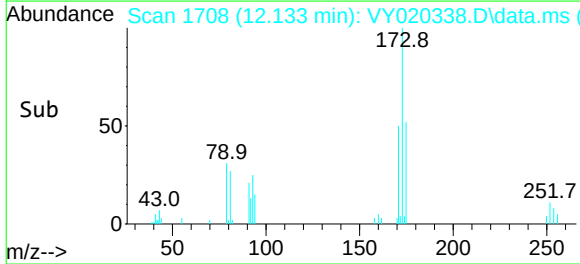
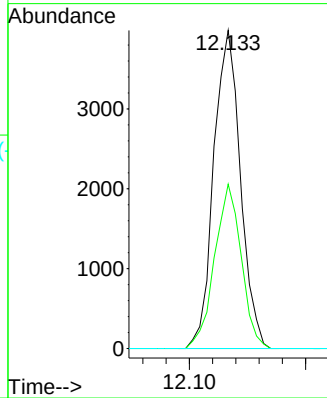
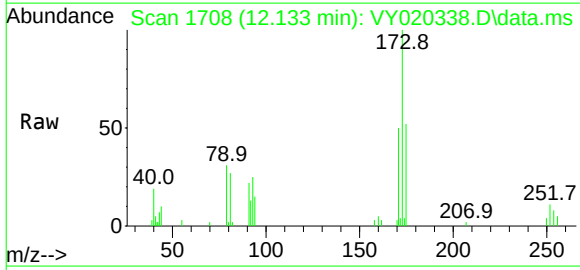
VSTDICC005

Tgt Ion:	173	Resp:	6352
Ion Ratio	Lower	Upper	
173	100		
175	51.6	24.3	73.0
254	0.0	0.1	0.1#

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 11/20/2024
Supervised By :Semsettin Yesilyurt 11/25/2024



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

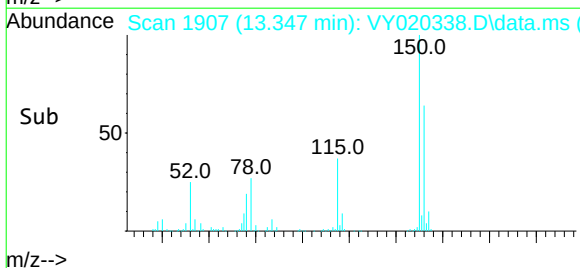
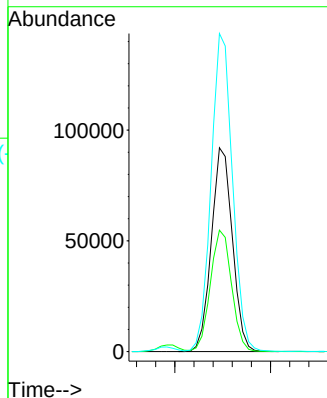
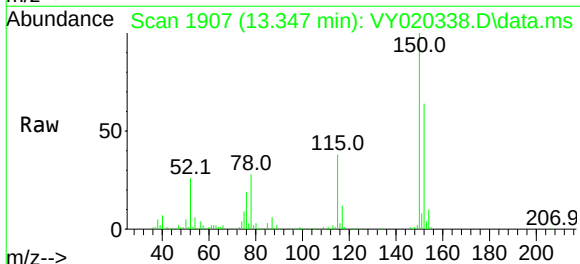
RT: 13.347 min Scan# 1907

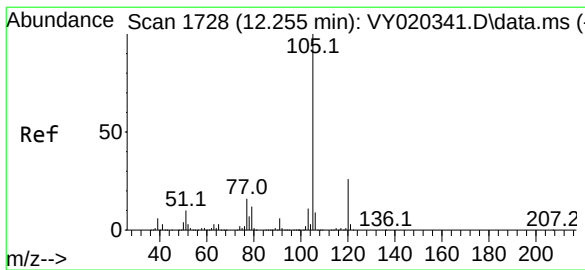
Delta R.T. 0.000 min

Lab File: VY020338.D

Acq: 19 Nov 2024 15:49

Tgt Ion:	152	Resp:	140473
Ion Ratio	Lower	Upper	
152	100		
115	60.0	30.0	90.0
150	158.4	0.0	348.2





#73

Isopropylbenzene

Concen: 5.726 ug/l

RT: 12.255 min Scan# 1728

Delta R.T. 0.000 min

Lab File: VY020338.D

Acq: 19 Nov 2024 15:49

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC005

Tgt Ion: 105 Resp: 68143

Ion Ratio Lower Upper

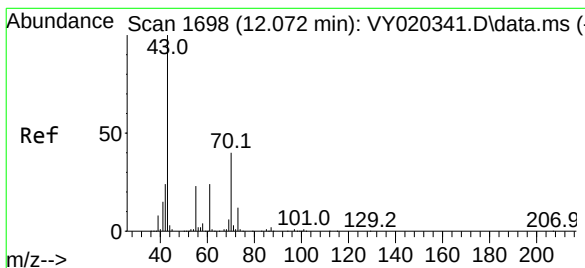
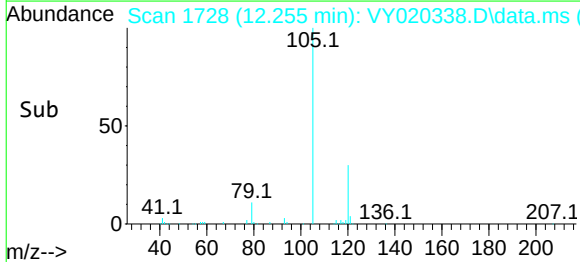
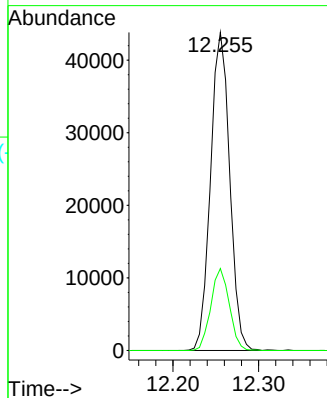
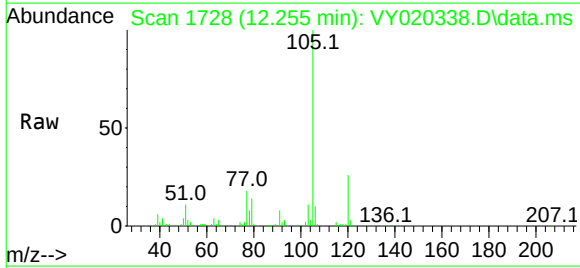
105 100

120 24.8 12.7 38.1

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 11/20/2024
Supervised By :Semsettin Yesilyurt 11/25/2024



#74

N-ethyl acetate

Concen: 4.487 ug/l

RT: 12.072 min Scan# 1698

Delta R.T. 0.000 min

Lab File: VY020338.D

Acq: 19 Nov 2024 15:49

Tgt Ion: 43 Resp: 12902

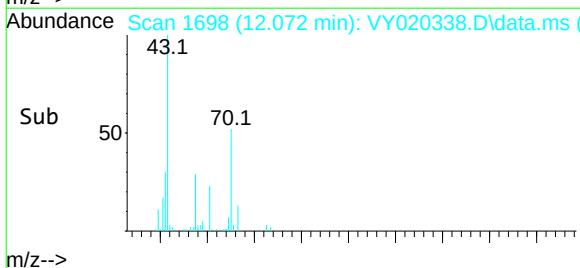
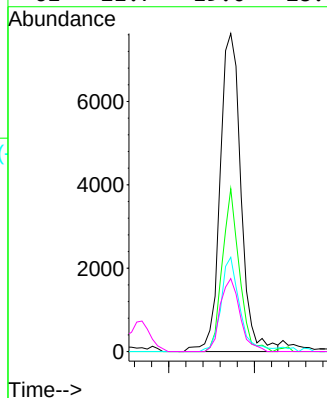
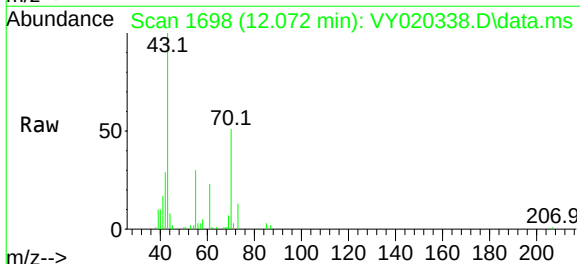
Ion Ratio Lower Upper

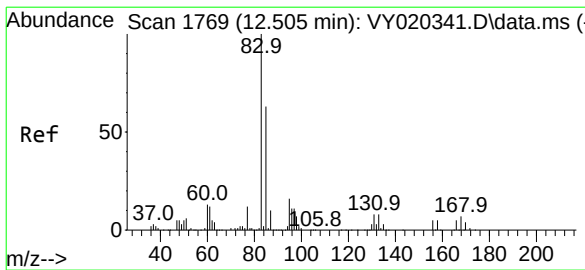
43 100

70 41.5 32.9 49.3

55 26.5 19.3 28.9

61 21.7 19.0 28.4





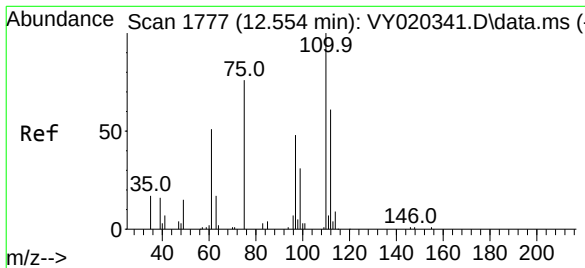
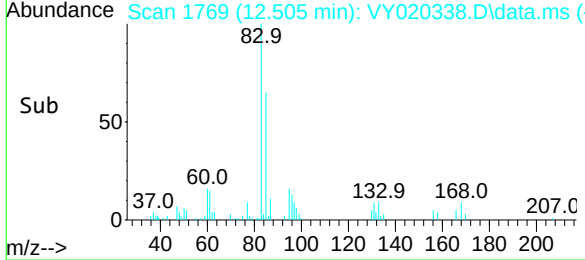
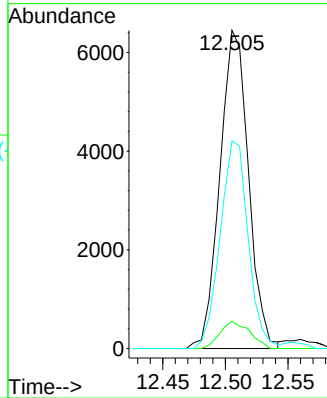
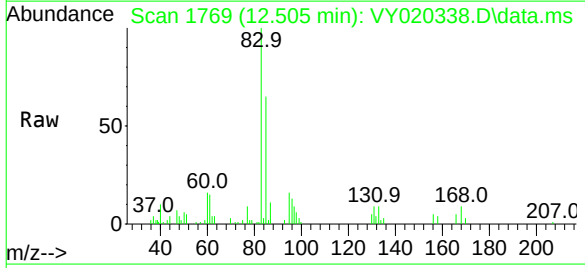
#75
1,1,2,2-Tetrachloroethane
Concen: 5.328 ug/l
RT: 12.505 min Scan# 1769
Delta R.T. 0.000 min
Lab File: VY020338.D
Acq: 19 Nov 2024 15:49

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Tgt Ion	83	Resp	10246
Ion	Ratio	Lower	Upper
83	100		
131	8.9	4.8	14.4
85	63.7	32.0	96.0

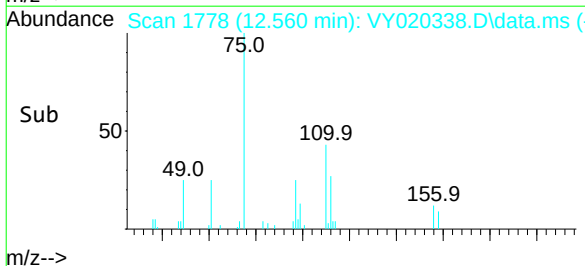
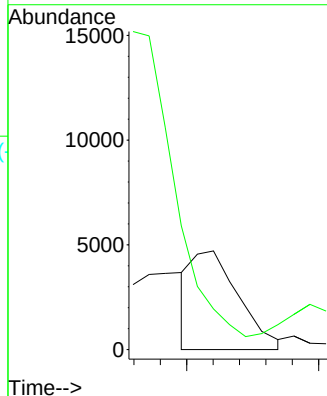
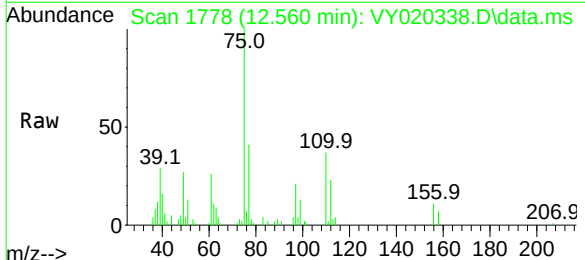
Manual Integrations
APPROVED

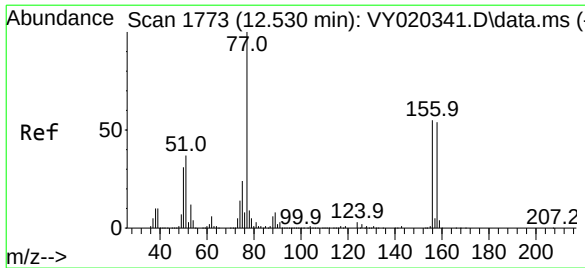
Reviewed By :Romaben Patel 11/20/2024
Supervised By :Semsettin Yesilyurt 11/25/2024



#76
1,2,3-Trichloropropane
Concen: 4.398 ug/l m
RT: 12.560 min Scan# 1778
Delta R.T. 0.006 min
Lab File: VY020338.D
Acq: 19 Nov 2024 15:49

Tgt Ion	75	Resp	5823
Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0





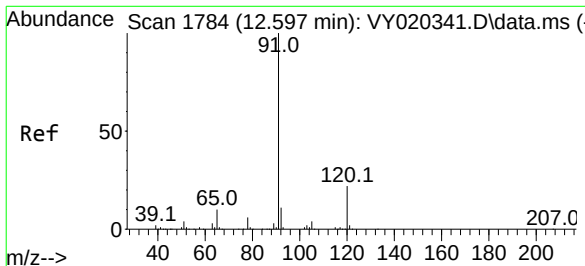
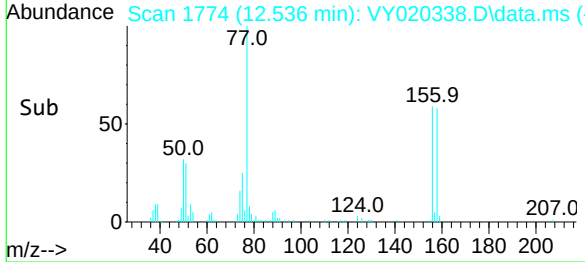
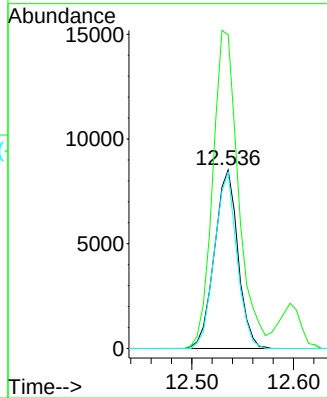
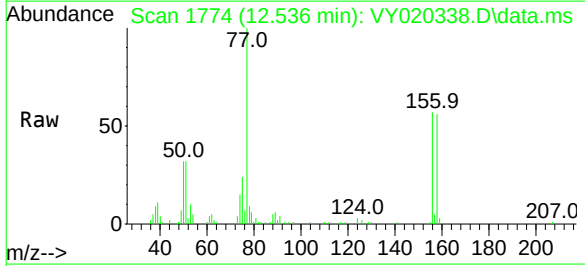
#77
Bromobenzene
Concen: 5.485 ug/l
RT: 12.536 min Scan# 1773
Delta R.T. 0.006 min
Lab File: VY020338.D
Acq: 19 Nov 2024 15:49

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Tgt Ion: 156 Resp: 13674
Ion Ratio Lower Upper
156 100
77 194.5 97.2 291.6
158 94.2 47.8 143.4

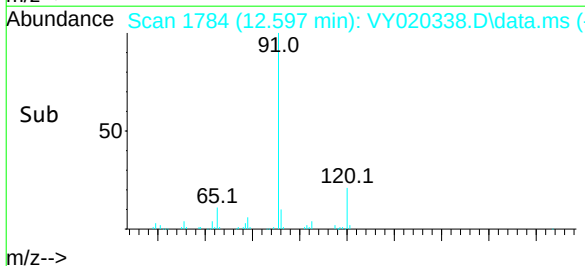
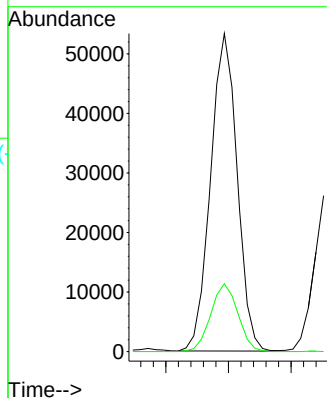
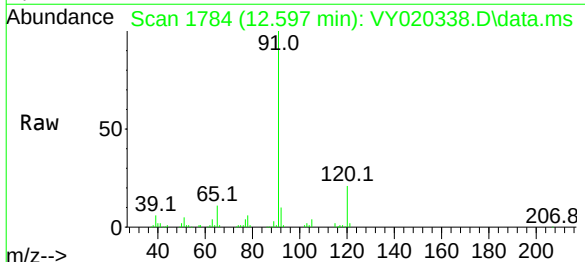
Manual Integrations
APPROVED

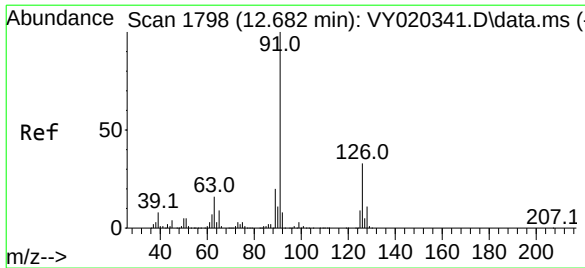
Reviewed By :Romaben Patel 11/20/2024
Supervised By :Semsettin Yesilyurt 11/25/2024



#78
n-propylbenzene
Concen: 5.511 ug/l
RT: 12.597 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VY020338.D
Acq: 19 Nov 2024 15:49

Tgt Ion: 91 Resp: 78696
Ion Ratio Lower Upper
91 100
120 21.7 10.9 32.6





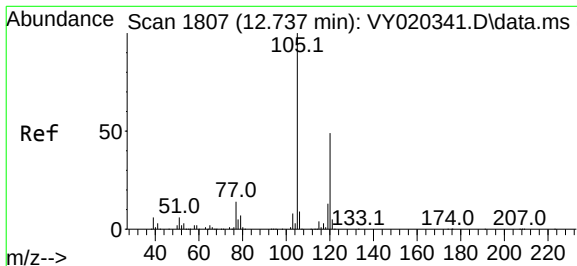
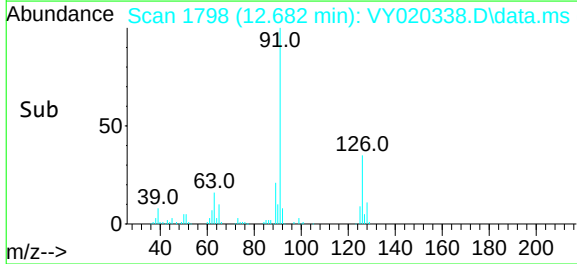
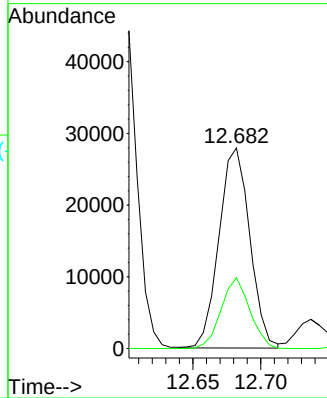
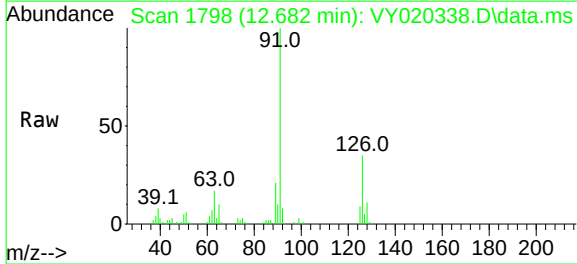
#79
2-Chlorotoluene
Concen: 5.365 ug/l
RT: 12.682 min Scan# 1798
Delta R.T. 0.000 min
Lab File: VY020338.D
Acq: 19 Nov 2024 15:49

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Tgt Ion: 91 Resp: 44055
Ion Ratio Lower Upper
91 100
126 33.0 16.4 49.1

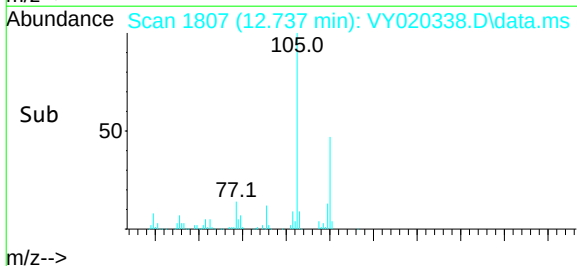
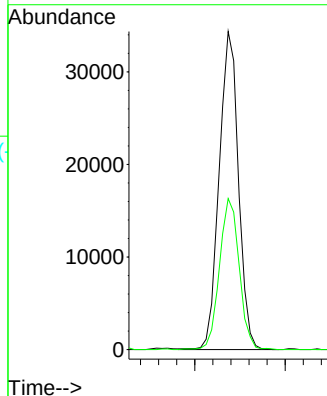
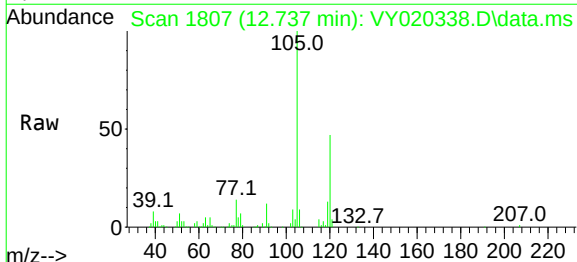
Manual Integrations
APPROVED

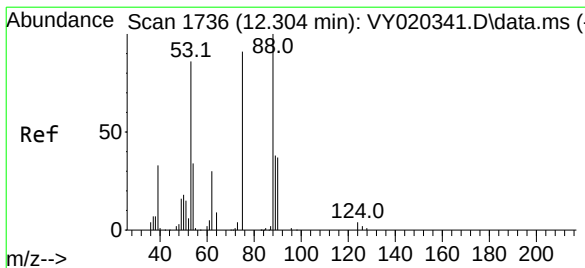
Reviewed By :Romaben Patel 11/20/2024
Supervised By :Semsettin Yesilyurt 11/25/2024



#80
1,3,5-Trimethylbenzene
Concen: 5.291 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VY020338.D
Acq: 19 Nov 2024 15:49

Tgt Ion:105 Resp: 50883
Ion Ratio Lower Upper
105 100
120 48.5 24.3 72.8





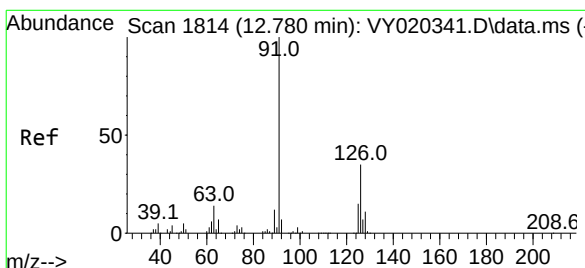
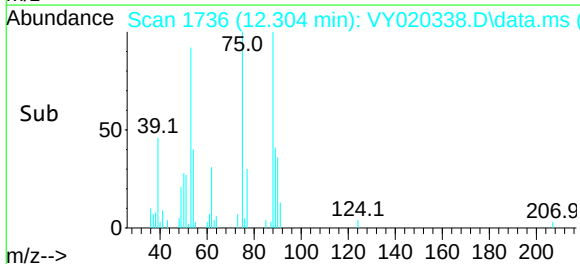
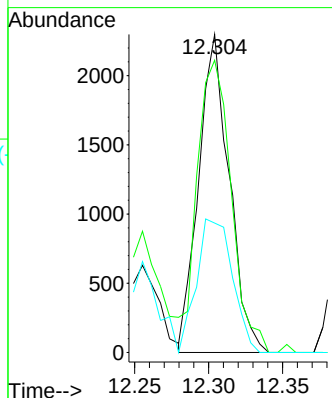
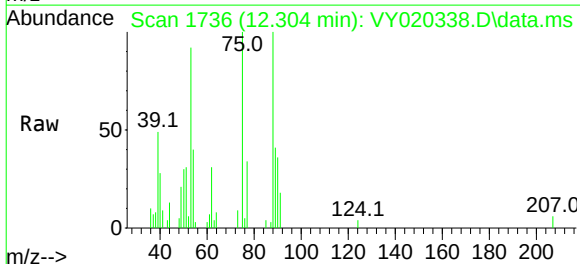
#81
trans-1,4-Dichloro-2-butene
Concen: 4.891 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. 0.000 min
Lab File: VY020338.D
Acq: 19 Nov 2024 15:49

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tgt Ion	Ratio	Lower	Upper
75	100		
53	101.7	81.1	121.7
89	49.2	35.1	52.7

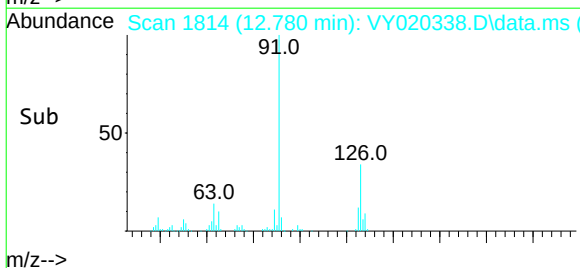
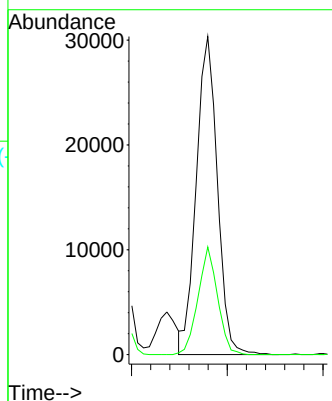
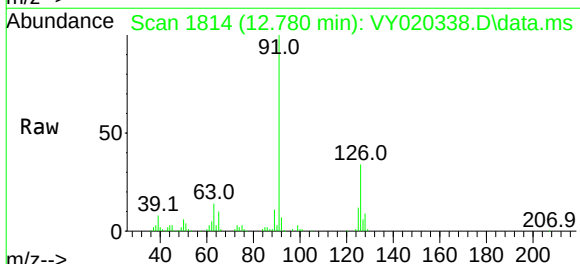
Manual Integrations
APPROVED

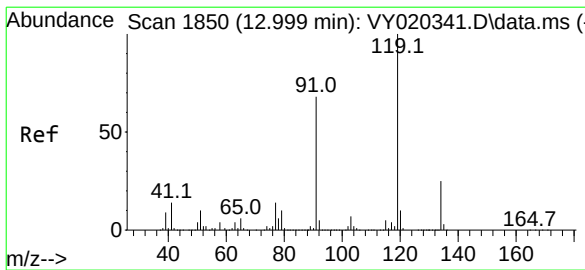
Reviewed By :Romaben Patel 11/20/2024
Supervised By :Semsettin Yesilyurt 11/25/2024



#82
4-Chlorotoluene
Concen: 5.473 ug/l
RT: 12.780 min Scan# 1814
Delta R.T. 0.000 min
Lab File: VY020338.D
Acq: 19 Nov 2024 15:49

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.4	16.6	49.8





#83

tert-Butylbenzene

Concen: 5.351 ug/l

RT: 12.999 min Scan# 1850

Delta R.T. 0.000 min

Lab File: VY020338.D

Acq: 19 Nov 2024 15:49

Instrument :

MSVOA_Y

ClientSampleId :

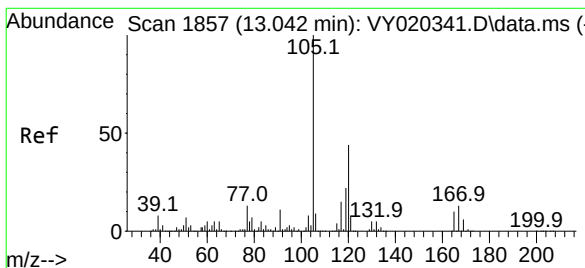
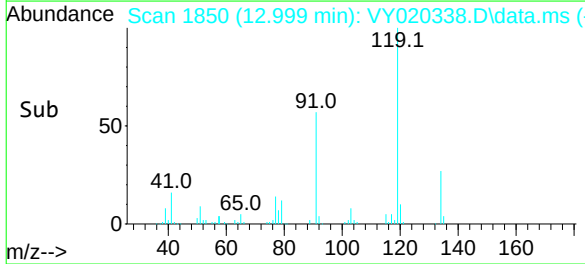
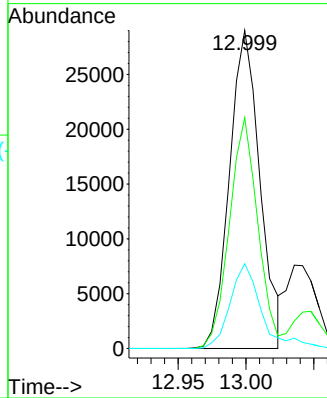
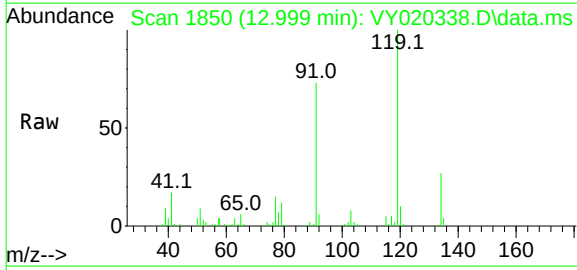
VSTDICC005

Tgt Ion:	119	Resp:	45414
Ion	Ratio	Lower	Upper
119	100		
91	67.4	33.3	99.9
134	27.4	13.0	38.9

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 11/20/2024
Supervised By :Semsettin Yesilyurt 11/25/2024



#84

1,2,4-Trimethylbenzene

Concen: 5.304 ug/l

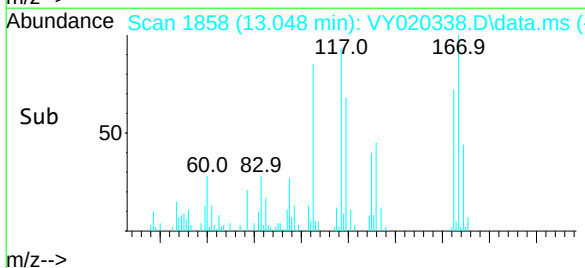
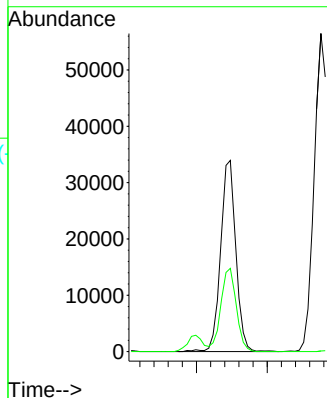
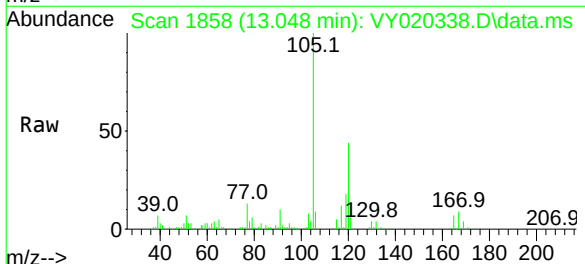
RT: 13.048 min Scan# 1858

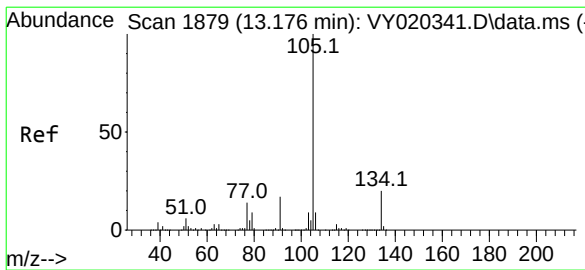
Delta R.T. 0.006 min

Lab File: VY020338.D

Acq: 19 Nov 2024 15:49

Tgt Ion:	105	Resp:	50575
Ion	Ratio	Lower	Upper
105	100		
120	44.1	22.0	66.0





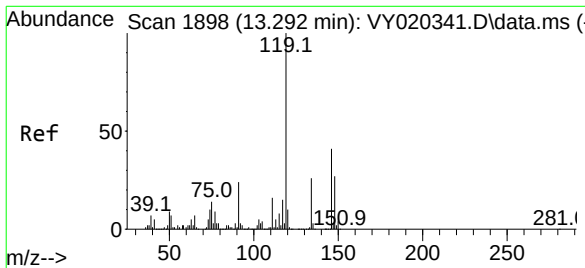
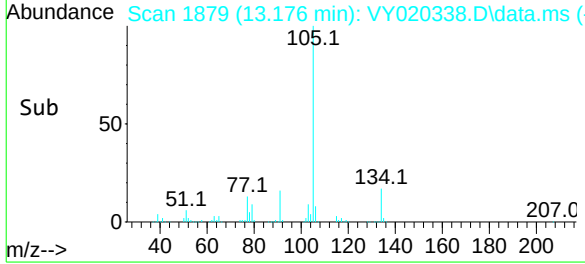
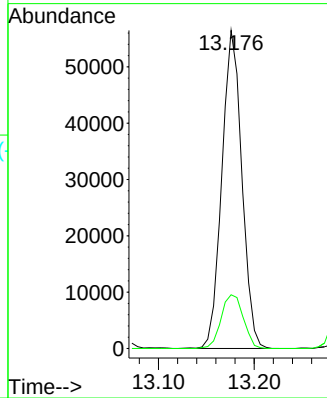
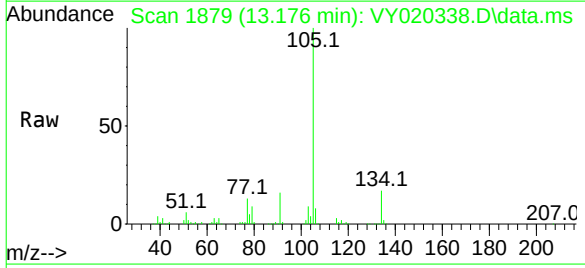
#85
sec-Butylbenzene
Concen: 6.127 ug/l
RT: 13.176 min Scan# 1879
Delta R.T. 0.000 min
Lab File: VY020338.D
Acq: 19 Nov 2024 15:49

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Tgt Ion:105 Resp: 81980
Ion Ratio Lower Upper
105 100
134 18.7 9.8 29.5

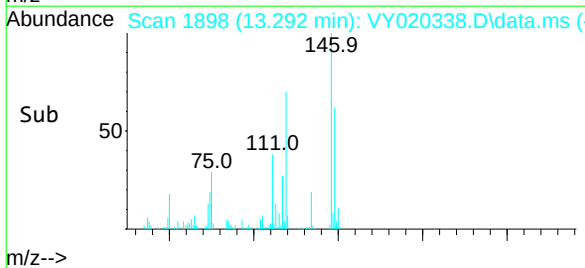
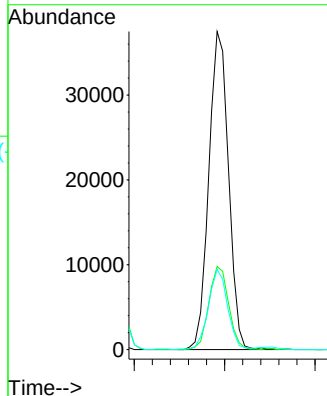
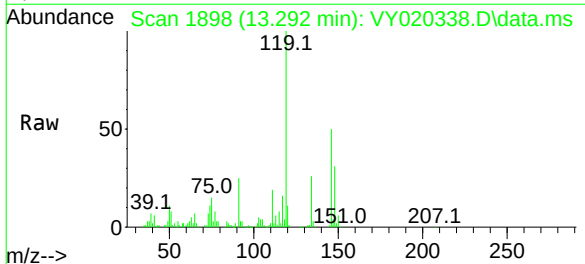
Manual Integrations
APPROVED

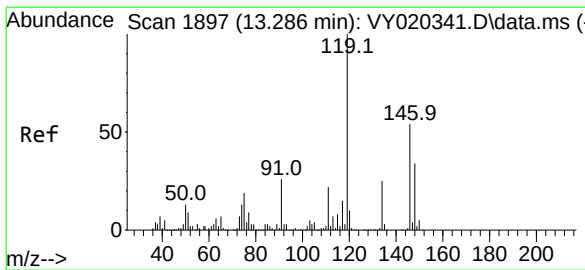
Reviewed By :Romaben Patel 11/20/2024
Supervised By :Semsettin Yesilyurt 11/25/2024



#86
p-Isopropyltoluene
Concen: 5.483 ug/l
RT: 13.292 min Scan# 1898
Delta R.T. 0.000 min
Lab File: VY020338.D
Acq: 19 Nov 2024 15:49

Tgt Ion:119 Resp: 56716
Ion Ratio Lower Upper
119 100
134 26.3 12.8 38.4
91 24.7 12.3 36.8





#87

1,3-Dichlorobenzene

Concen: 5.773 ug/l

RT: 13.292 min Scan# 1898

Delta R.T. 0.006 min

Lab File: VY020338.D

Acq: 19 Nov 2024 15:49

Tgt Ion:	146	Resp:	29101
Ion Ratio	Lower	Upper	
146	100		
111	38.6	20.5	61.6
148	63.3	32.1	96.5

Instrument :

MSVOA_Y

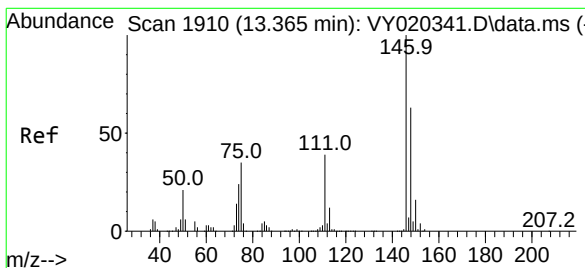
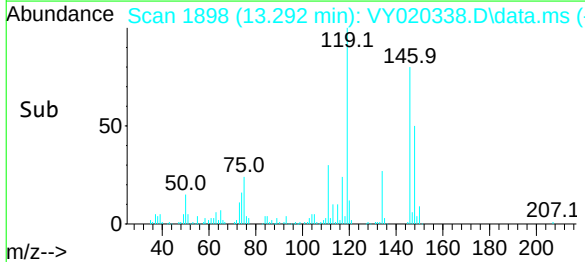
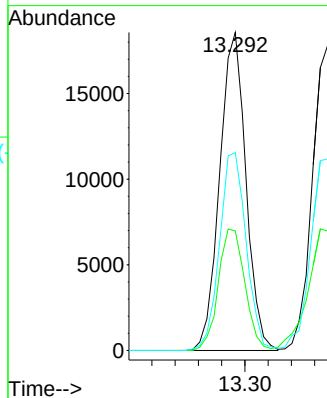
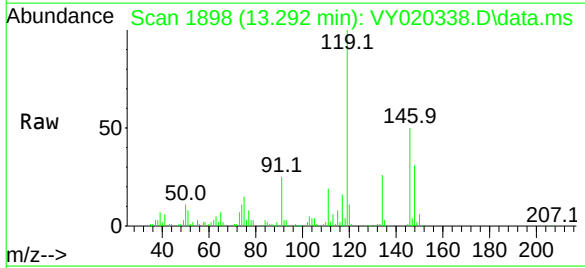
ClientSampleId :

VSTDIC005

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 11/20/2024
Supervised By :Semsettin Yesilyurt 11/25/2024



#88

1,4-Dichlorobenzene

Concen: 5.653 ug/l

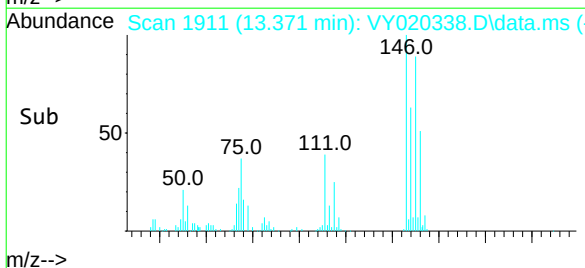
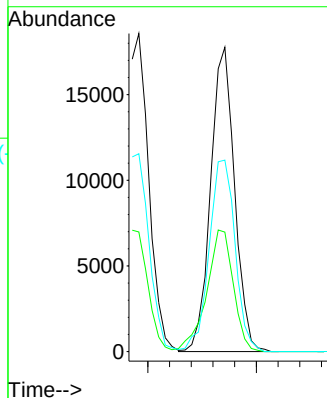
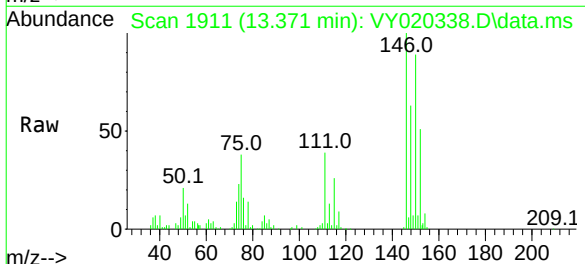
RT: 13.371 min Scan# 1911

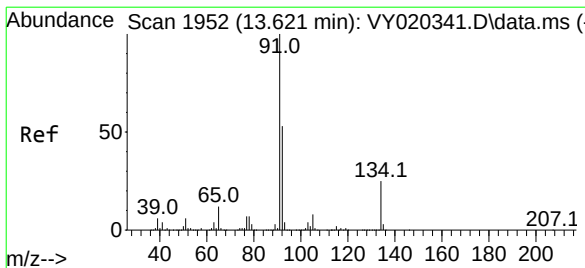
Delta R.T. 0.006 min

Lab File: VY020338.D

Acq: 19 Nov 2024 15:49

Tgt Ion:	146	Resp:	27229
Ion Ratio	Lower	Upper	
146	100		
111	44.6	19.9	59.6
148	68.5	32.0	96.2





#89

n-Butylbenzene

Concen: 5.464 ug/l

RT: 13.621 min Scan# 1952

Delta R.T. 0.000 min

Lab File: VY020338.D

Acq: 19 Nov 2024 15:49

Instrument :

MSVOA_Y

ClientSampleId :

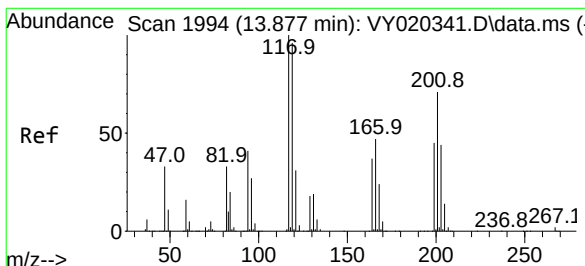
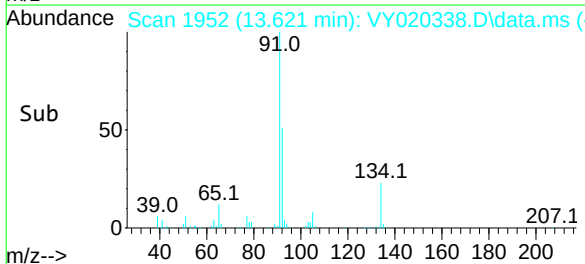
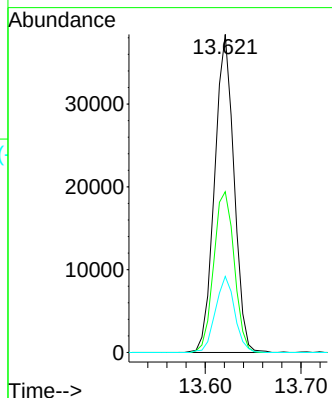
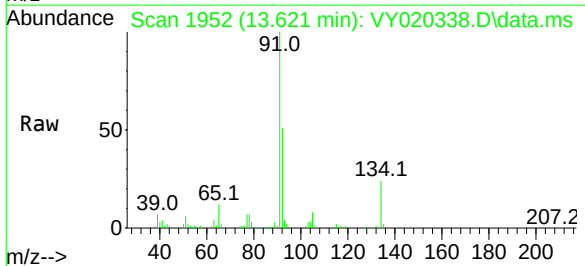
VSTDIC005

Tgt Ion:	91	Resp:	54128
Ion Ratio	Lower	Upper	
91	100		
92	53.4	26.5	79.5
134	23.7	12.2	36.4

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 11/20/2024
Supervised By :Semsettin Yesilyurt 11/25/2024



#90

Hexachloroethane

Concen: 5.318 ug/l

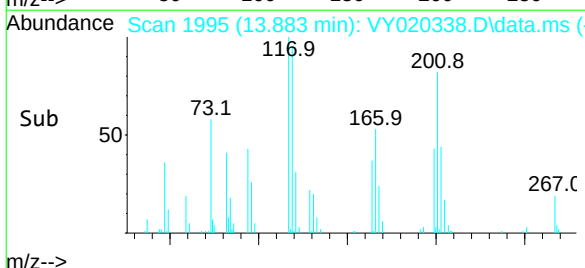
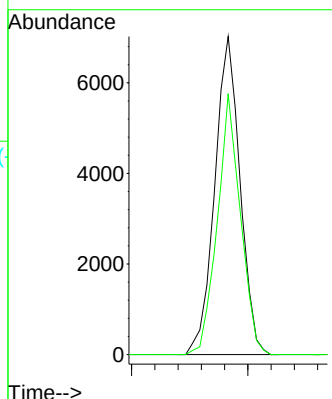
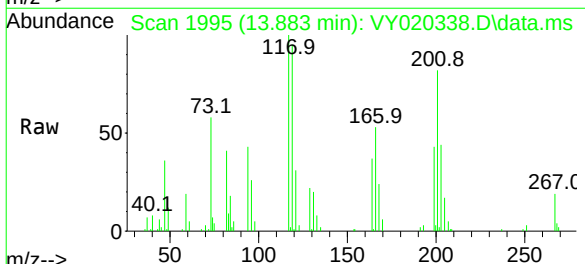
RT: 13.883 min Scan# 1995

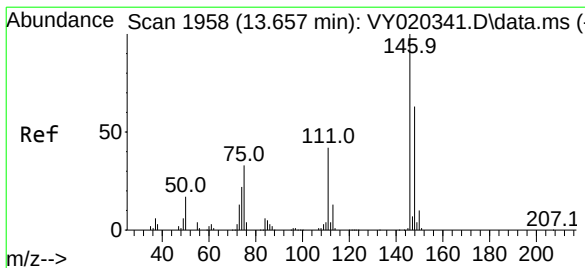
Delta R.T. 0.006 min

Lab File: VY020338.D

Acq: 19 Nov 2024 15:49

Tgt Ion:	117	Resp:	10618
Ion Ratio	Lower	Upper	
117	100		
201	74.7	37.1	111.3





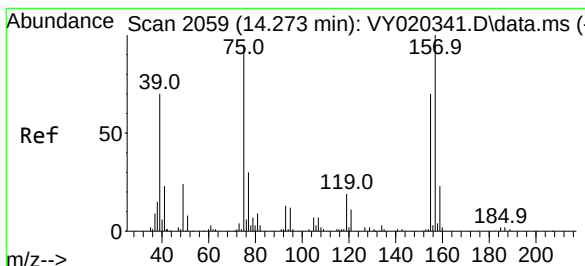
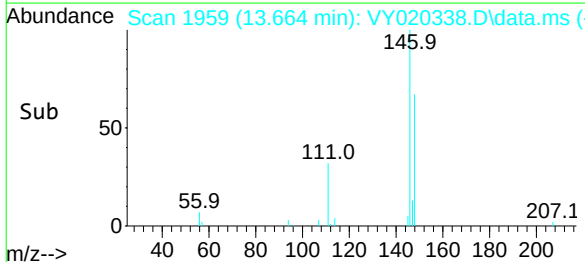
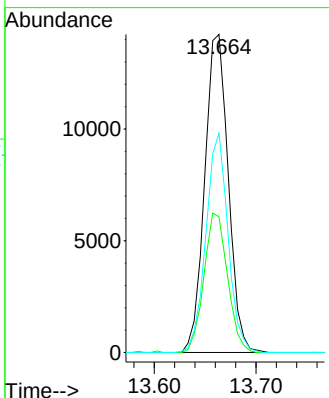
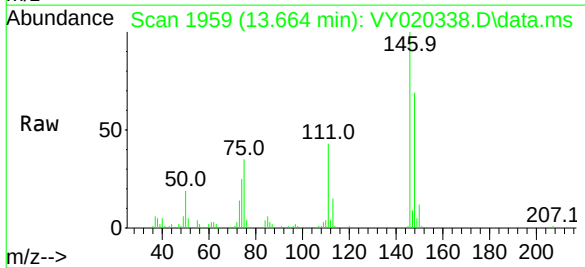
#91
1,2-Dichlorobenzene
Concen: 5.451 ug/l
RT: 13.664 min Scan# 1958
Delta R.T. 0.006 min
Lab File: VY020338.D
Acq: 19 Nov 2024 15:49

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tgt Ion	Ratio	Lower	Upper
146	100		
111	43.9	20.8	62.5
148	65.0	31.8	95.4

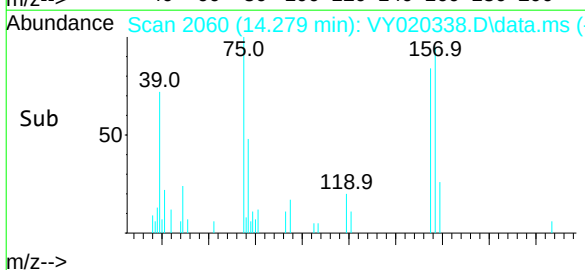
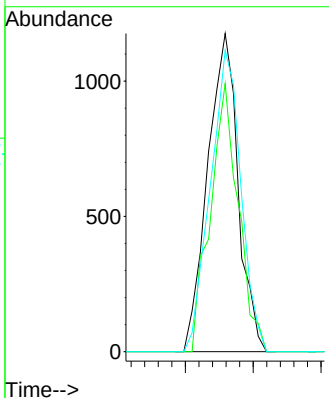
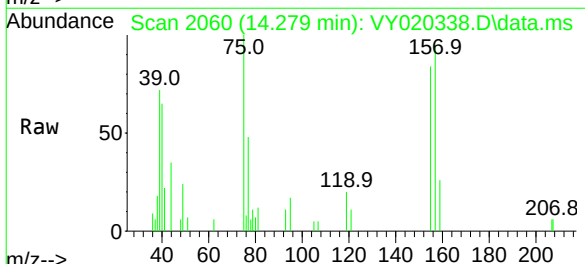
Manual Integrations
APPROVED

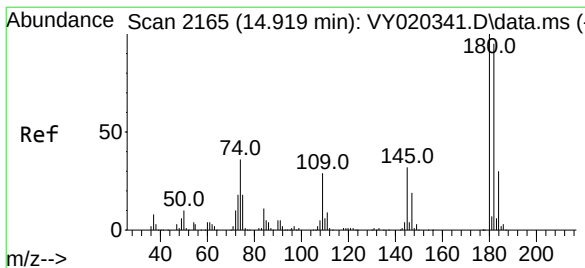
Reviewed By :Romaben Patel 11/20/2024
Supervised By :Semsettin Yesilyurt 11/25/2024



#92
1,2-Dibromo-3-Chloropropane
Concen: 5.792 ug/l
RT: 14.279 min Scan# 2060
Delta R.T. 0.006 min
Lab File: VY020338.D
Acq: 19 Nov 2024 15:49

Tgt Ion	Ratio	Lower	Upper
75	100		
155	77.7	39.7	119.1
157	95.5	52.6	157.8





#93

1,2,4-Trichlorobenzene

Concen: 5.389 ug/l

RT: 14.926 min Scan# 2166

Delta R.T. 0.006 min

Lab File: VY020338.D

Acq: 19 Nov 2024 15:49

Instrument :

MSVOA_Y

ClientSampleId :

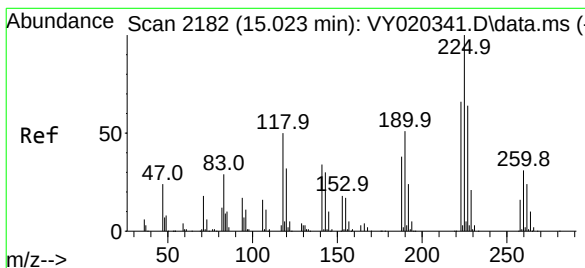
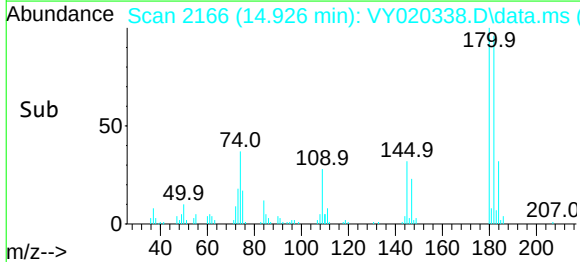
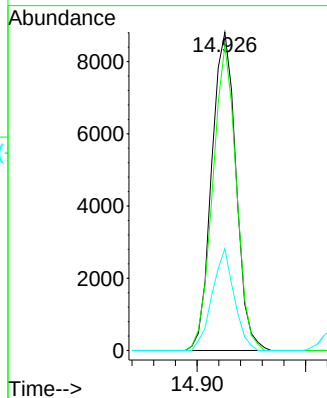
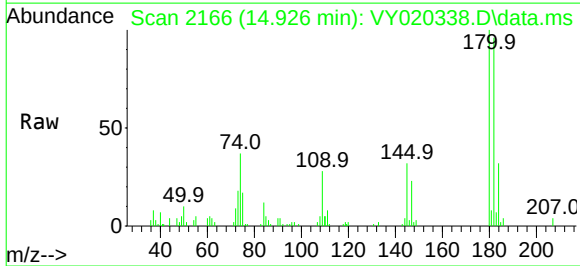
VSTDICC005

Tgt Ion:	180	Resp:	13686
Ion Ratio	Lower	Upper	
180	100		
182	92.9	47.6	142.8
145	29.1	15.8	47.3

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 11/20/2024
Supervised By :Semsettin Yesilyurt 11/25/2024



#94

Hexachlorobutadiene

Concen: 5.465 ug/l

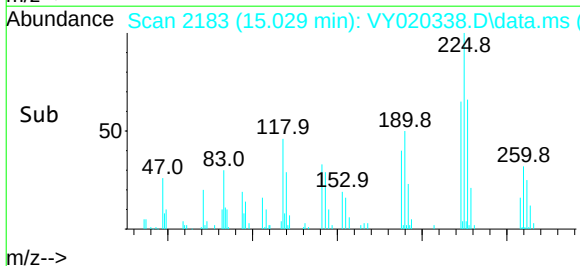
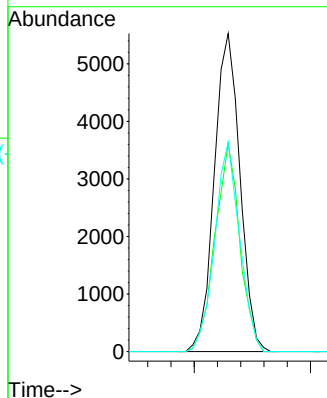
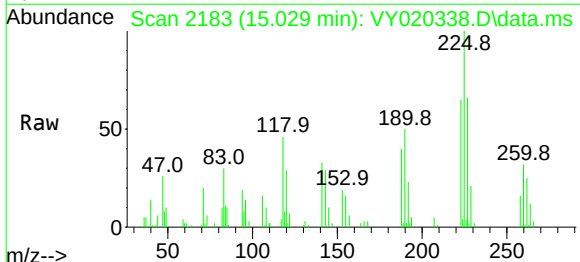
RT: 15.029 min Scan# 2183

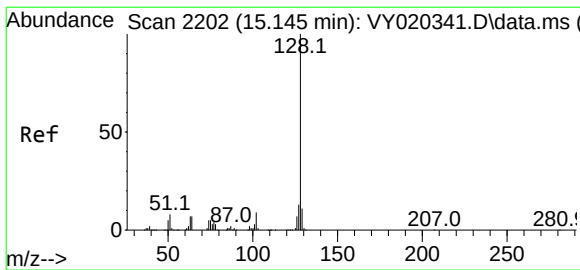
Delta R.T. 0.006 min

Lab File: VY020338.D

Acq: 19 Nov 2024 15:49

Tgt Ion:	225	Resp:	8471
Ion Ratio	Lower	Upper	
225	100		
223	63.4	31.9	95.5
227	64.0	32.3	96.8





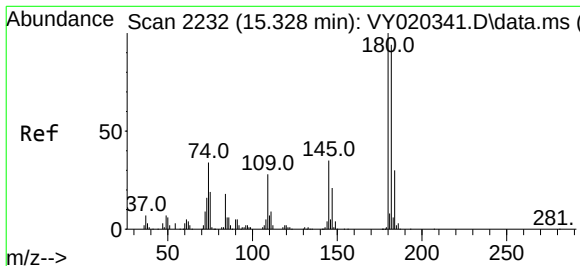
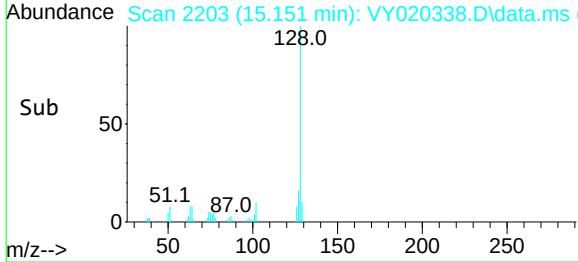
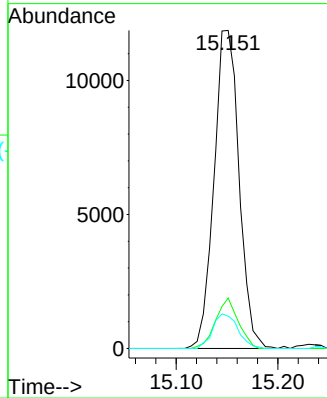
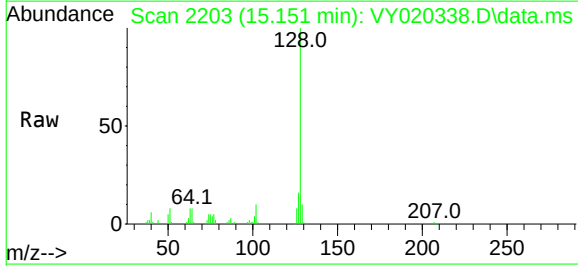
#95
Naphthalene
Concen: 4.642 ug/l
RT: 15.151 min Scan# 2203
Delta R.T. 0.006 min
Lab File: VY020338.D
Acq: 19 Nov 2024 15:49

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tgt Ion:	128	Resp:	20303
Ion Ratio	Lower	Upper	
128	100		
127	14.4	10.5	15.7
129	10.9	8.6	13.0

Manual Integrations
APPROVED

Reviewed By :Romaben Patel 11/20/2024
Supervised By :Semsettin Yesilyurt 11/25/2024



#96
1,2,3-Trichlorobenzene
Concen: 5.284 ug/l
RT: 15.334 min Scan# 2233
Delta R.T. 0.006 min
Lab File: VY020338.D
Acq: 19 Nov 2024 15:49

Tgt Ion:	180	Resp:	11474
Ion Ratio	Lower	Upper	
180	100		
182	93.1	47.4	142.3
145	32.4	16.9	50.6

