

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122324\
 Data File : VY020686.D
 Acq On : 23 Dec 2024 12:16
 Operator : SY/MD
 Sample : VSTDICC020
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC020

Quant Time: Dec 23 13:46:29 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122324S.M
 Quant Title : SW846 8260
 QLast Update : Mon Dec 23 13:45:38 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 12/24/2024
 Supervised By :Mahesh Dadoda 12/26/2024

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

Internal Standards						
1) Pentafluorobenzene	7.720	168	103299	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.628	114	146320	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.426	117	121625	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	61580	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.079	65	14842	16.223	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	32.440%#		
35) Dibromofluoromethane	7.652	113	14605	16.999	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	34.000%#		
50) Toluene-d8	10.115	98	47674	15.278	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	30.560%#		
62) 4-Bromofluorobenzene	12.414	95	19827	17.457	ug/l	0.00
Spiked Amount 50.000	Range 29 - 146		Recovery =	34.920%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.873	85	16059	20.179	ug/l	96
3) Chloromethane	2.080	50	6255	19.293	ug/l	99
4) Vinyl Chloride	2.214	62	7606	19.242	ug/l	91
5) Bromomethane	2.605	94	5068	18.157	ug/l	92
6) Chloroethane	2.751	64	4676	19.463	ug/l	96
7) Trichlorofluoromethane	3.074	101	27711	19.494	ug/l	93
8) Diethyl Ether	3.464	74	6435	18.913	ug/l	83
9) 1,1,2-Trichlorotrifluo...	3.842	101	15658	20.172	ug/l	95
10) Methyl Iodide	4.025	142	17327	19.377	ug/l	90
11) Tert butyl alcohol	4.872	59	7042	96.153	ug/l #	75
12) 1,1-Dichloroethene	3.812	96	13008	18.882	ug/l	94
13) Acrolein	3.671	56	2407	136.768	ug/l	99
14) Allyl chloride	4.409	41	16079	19.903	ug/l #	77
15) Acrylonitrile	5.074	53	12017	95.818	ug/l	98
16) Acetone	3.891	43	9729	93.103	ug/l	94
17) Carbon Disulfide	4.129	76	31760	18.491	ug/l	100
18) Methyl Acetate	4.403	43	5057	18.705	ug/l #	80
19) Methyl tert-butyl Ether	5.135	73	37356	19.935	ug/l #	88
20) Methylene Chloride	4.641	84	13114	18.833	ug/l	88
21) trans-1,2-Dichloroethene	5.141	96	14461	19.467	ug/l	85
22) Diisopropyl ether	6.037	45	32675	19.784	ug/l #	81
23) Vinyl Acetate	5.976	43	96326	98.495	ug/l #	88
24) 1,1-Dichloroethane	5.939	63	24684	20.049	ug/l	98
25) 2-Butanone	6.921	43	13772	93.819	ug/l #	87
26) 2,2-Dichloropropane	6.896	77	29975	19.460	ug/l	99
27) cis-1,2-Dichloroethene	6.909	96	17272	19.522	ug/l	93
28) Bromochloromethane	7.262	49	5831	18.304	ug/l #	60
29) Tetrahydrofuran	7.274	42	8223	95.307	ug/l #	71
30) Chloroform	7.439	83	31119	19.229	ug/l	99
31) Cyclohexane	7.720	56	20675	19.152	ug/l #	75
32) 1,1,1-Trichloroethane	7.634	97	33427	19.771	ug/l	97
36) 1,1-Dichloropropene	7.848	75	20597	19.723	ug/l	96
37) Ethyl Acetate	7.000	43	6954	20.375	ug/l #	95
38) Carbon Tetrachloride	7.829	117	32873	19.452	ug/l	99
39) Methylcyclohexane	9.116	83	25219	18.999	ug/l	92
40) Benzene	8.091	78	59071	19.607	ug/l	96

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 Supervised By :Mahesh Dadoda 12/26/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.250	41	4200m	21.744	ug/l	
42) 1,2-Dichloroethane	8.177	62	18941	19.768	ug/l	96
43) Isopropyl Acetate	8.207	43	13839	19.509	ug/l #	84
44) Trichloroethene	8.878	130	17982	20.111	ug/l	89
45) 1,2-Dichloropropane	9.152	63	12024	20.313	ug/l	100
46) Dibromomethane	9.244	93	8071	19.751	ug/l	93
47) Bromodichloromethane	9.433	83	22921	19.773	ug/l	98
48) Methyl methacrylate	9.231	41	6476	19.258	ug/l #	81
49) 1,4-Dioxane	9.244	88	1500	357.918	ug/l	91
51) 4-Methyl-2-Pentanone	10.006	43	33865	95.570	ug/l	93
52) Toluene	10.176	92	40575	19.777	ug/l	100
53) t-1,3-Dichloropropene	10.402	75	20438	19.925	ug/l	97
54) cis-1,3-Dichloropropene	9.865	75	22589	19.986	ug/l	96
55) 1,1,2-Trichloroethane	10.579	97	10314	19.493	ug/l	93
56) Ethyl methacrylate	10.445	69	12869	19.067	ug/l	90
57) 1,3-Dichloropropane	10.725	76	17032	19.692	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.719	63	23853	94.571	ug/l #	80
59) 2-Hexanone	10.768	43	21478	95.158	ug/l	94
60) Dibromochloromethane	10.920	129	16794	19.880	ug/l	100
61) 1,2-Dibromoethane	11.024	107	9810	19.777	ug/l	98
64) Tetrachloroethene	10.652	164	16119	19.955	ug/l	96
65) Chlorobenzene	11.451	112	44944	19.775	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.524	131	17535	19.757	ug/l	95
67) Ethyl Benzene	11.524	91	81152	19.902	ug/l	100
68) m/p-Xylenes	11.640	106	62622	40.273	ug/l	100
69) o-Xylene	11.963	106	29146	19.954	ug/l	99
70) Styrene	11.975	104	49613	20.194	ug/l	99
71) Bromoform	12.139	173	10096	19.860	ug/l #	97
73) Isopropylbenzene	12.261	105	83068	19.832	ug/l	98
74) N-amyl acetate	12.078	43	11066	18.802	ug/l #	90
75) 1,1,2,2-Tetrachloroethane	12.511	83	10583	19.634	ug/l	98
76) 1,2,3-Trichloropropane	12.560	75	8402m	20.817	ug/l	
77) Bromobenzene	12.536	156	18528	19.425	ug/l	84
78) n-propylbenzene	12.603	91	93262	19.749	ug/l	95
79) 2-Chlorotoluene	12.688	91	53431	19.875	ug/l	97
80) 1,3,5-Trimethylbenzene	12.743	105	69321	19.953	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.310	75	3826	19.584	ug/l	95
82) 4-Chlorotoluene	12.786	91	54974	20.050	ug/l	96
83) tert-Butylbenzene	13.005	119	64233	19.870	ug/l	98
84) 1,2,4-Trimethylbenzene	13.054	105	68281	20.119	ug/l	100
85) sec-Butylbenzene	13.182	105	87518	20.107	ug/l	95
86) p-Isopropyltoluene	13.298	119	76618	20.134	ug/l	98
87) 1,3-Dichlorobenzene	13.298	146	36344	19.614	ug/l	99
88) 1,4-Dichlorobenzene	13.377	146	36284	19.987	ug/l	98
89) n-Butylbenzene	13.627	91	64084	19.990	ug/l	96
90) Hexachloroethane	13.889	117	13822	19.146	ug/l	84
91) 1,2-Dichlorobenzene	13.664	146	31668	19.915	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.279	75	1946	18.947	ug/l	96
93) 1,2,4-Trichlorobenzene	14.932	180	17553	18.593	ug/l	99
94) Hexachlorobutadiene	15.035	225	13808	19.644	ug/l	99
95) Naphthalene	15.151	128	27861	18.322	ug/l	99
96) 1,2,3-Trichlorobenzene	15.340	180	14958	18.952	ug/l	98

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Quant Title : SW846 8260
QLast Update : Mon Dec 23 13:45:38 2024
Response via : Initial Calibration

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

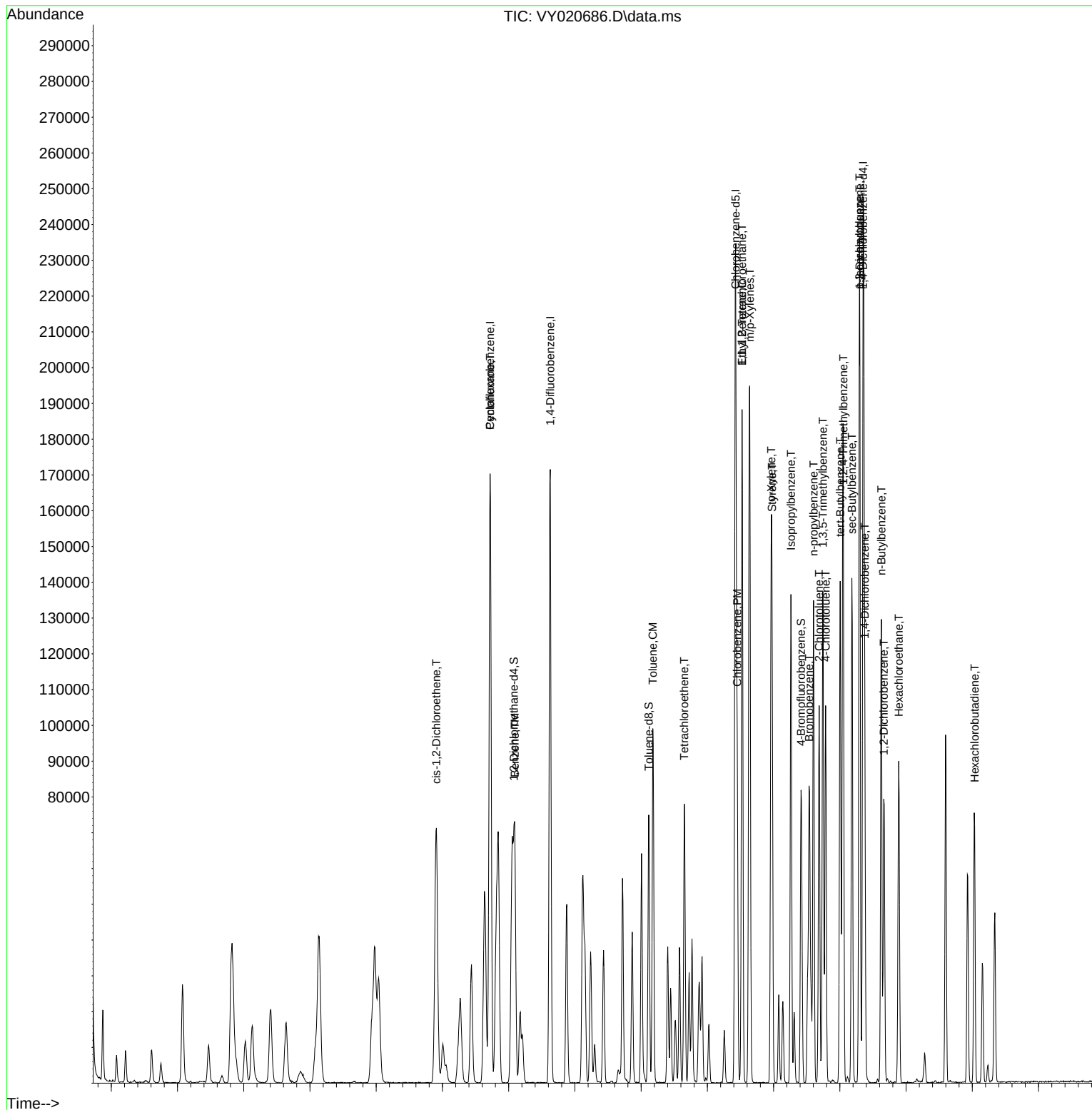
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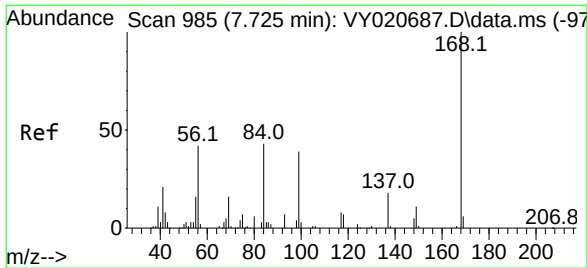
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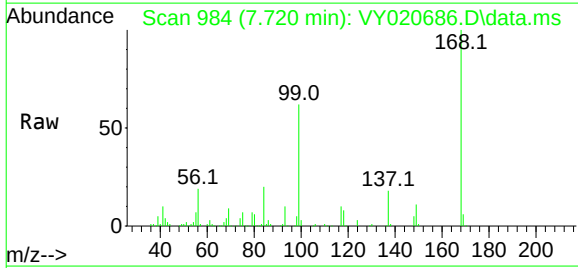
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.720 min Scan# 98
Delta R.T. -0.005 min
Lab File: VY020686.D
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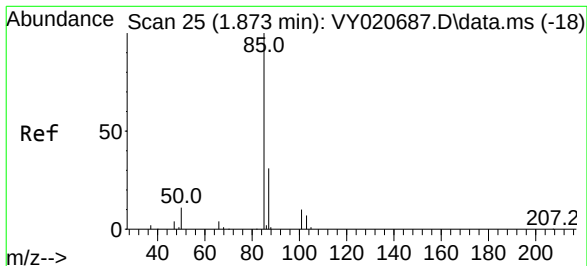
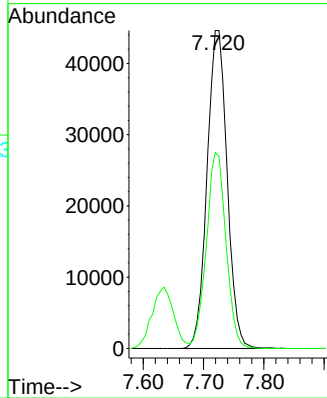
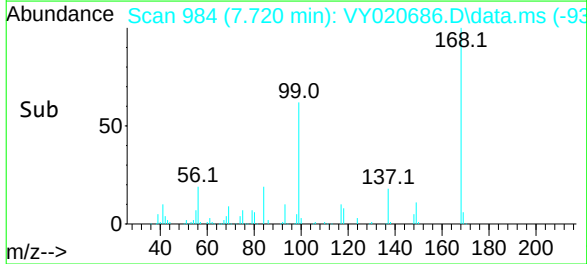
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020



Tgt Ion: 168 Resp: 103299
Ion Ratio Lower Upper
168 100
99 61.6 47.0 70.6

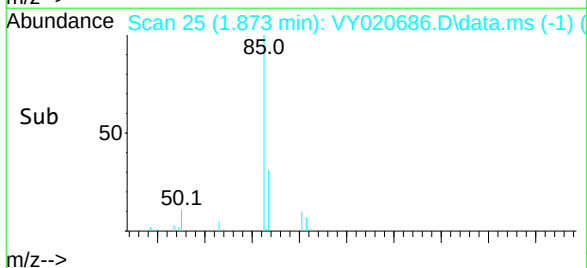
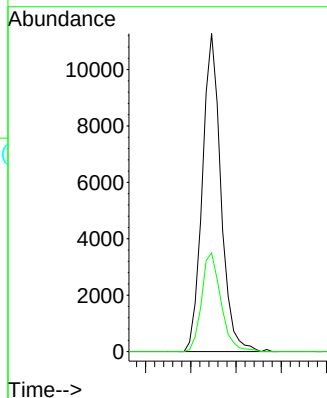
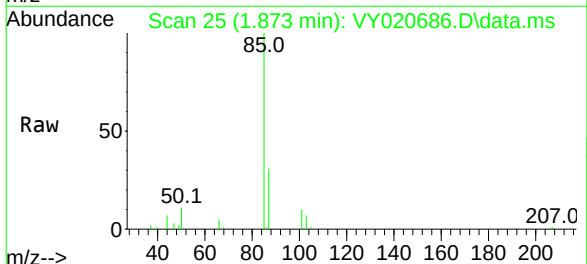
Manual Integrations
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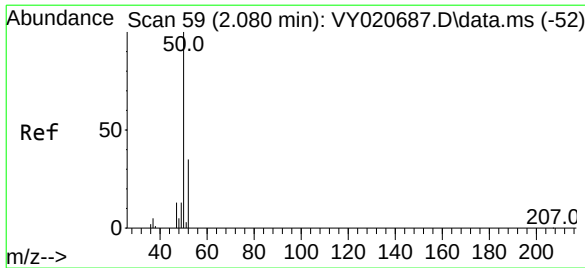
Reviewed By : Semsettin Yesilyurt 12/24/2024
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#2
Dichlorodifluoromethane
Concen: 20.179 ug/l
RT: 1.873 min Scan# 25
Delta R.T. 0.000 min
Lab File: VY020686.D
Acq: 23 Dec 2024 12:16

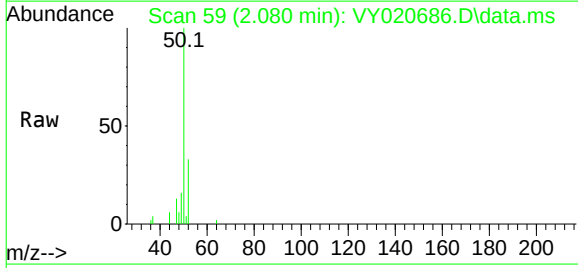
Tgt Ion: 85 Resp: 16059
Ion Ratio Lower Upper
85 100
87 31.0 16.8 50.3





#3
Chloromethane
Concen: 19.293 ug/l
RT: 2.080 min Scan# 59
Delta R.T. 0.000 min
Lab File: VY020686.D
Acq: 23 Dec 2024 12:16

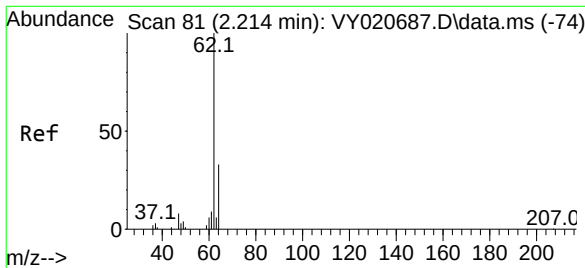
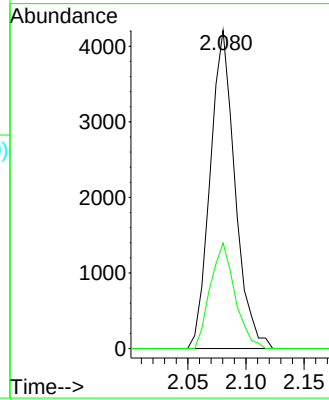
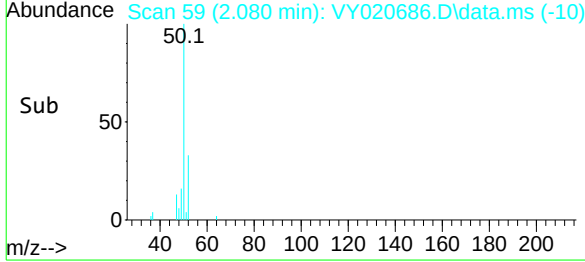
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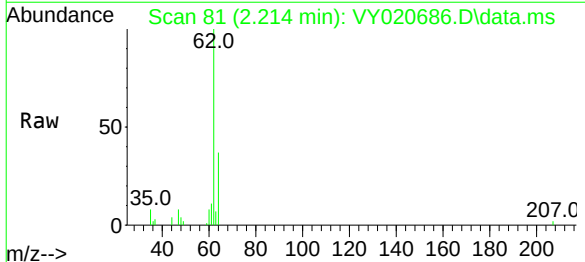
Tgt Ion: 50 Resp: 6255
Ion Ratio Lower Upper
50 100
52 33.2 26.8 40.2

Manual Integrations
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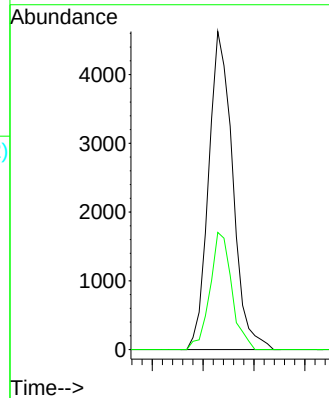
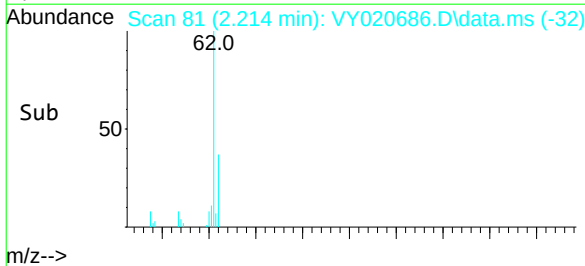
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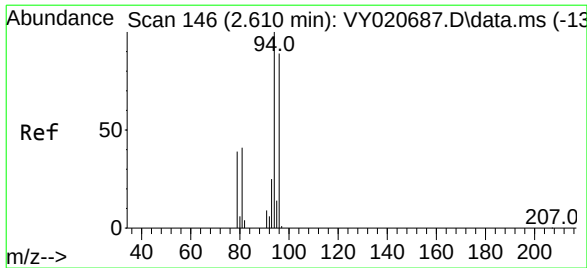


#4
Vinyl Chloride
Concen: 19.242 ug/l
RT: 2.214 min Scan# 81
Delta R.T. 0.000 min
Lab File: VY020686.D
Acq: 23 Dec 2024 12:16



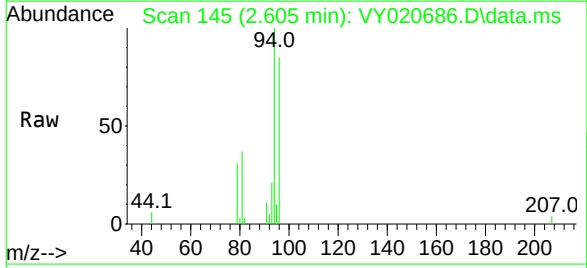
Tgt Ion: 62 Resp: 7606
Ion Ratio Lower Upper
62 100
64 36.8 25.3 37.9





#5
Bromomethane
Concen: 18.157 ug/l
RT: 2.605 min Scan# 146
Delta R.T. -0.006 min
Lab File: VY020686.D
Acq: 23 Dec 2024 12:16

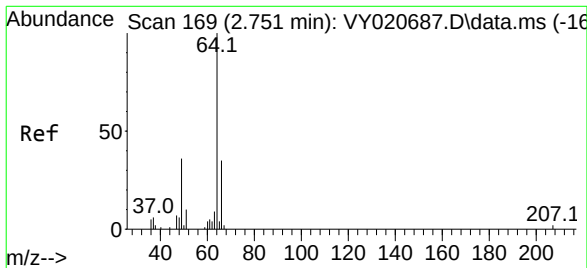
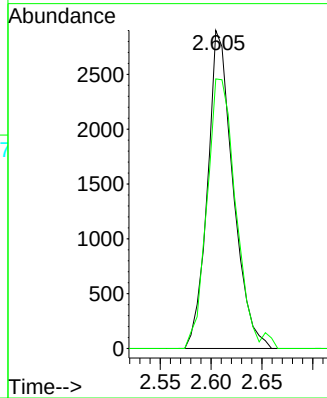
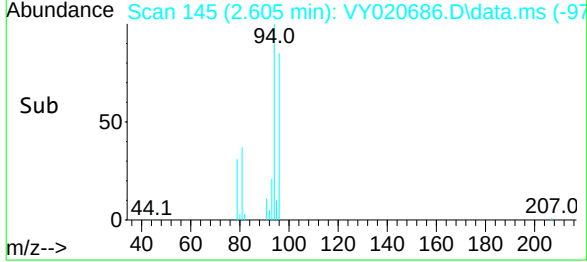
Instrument : MSVOA_Y
ClientSampleId : VSTDICC020



Tgt Ion: 94 Resp: 5068
Ion Ratio Lower Upper
94 100
96 84.8 73.8 110.6

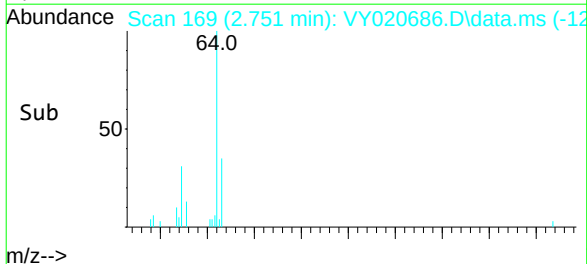
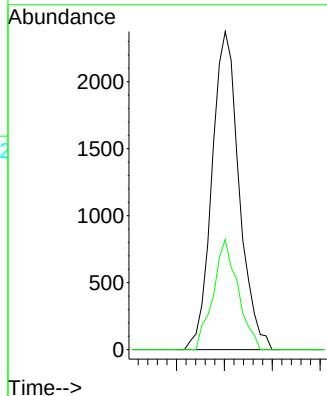
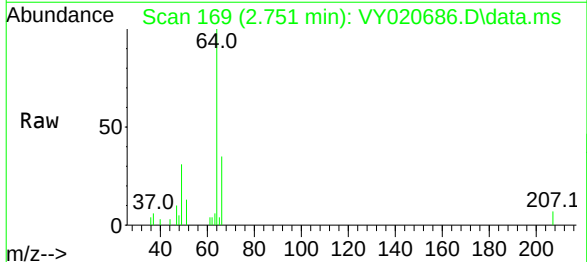
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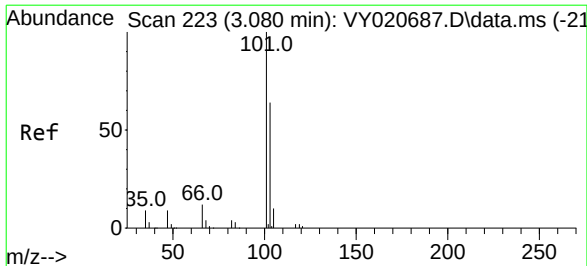
Reviewed By :Semsettin Yesilyurt 12/24/2024
Supervised By :Mahesh Dadoda 12/26/2024



#6
Chloroethane
Concen: 19.463 ug/l
RT: 2.751 min Scan# 169
Delta R.T. 0.000 min
Lab File: VY020686.D
Acq: 23 Dec 2024 12:16

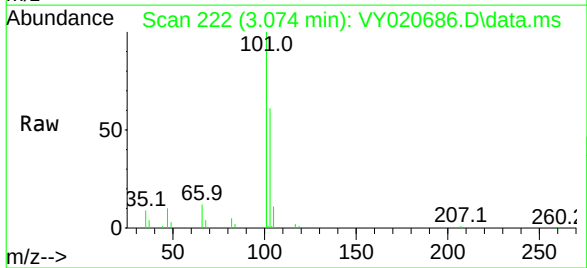
Tgt Ion: 64 Resp: 4676
Ion Ratio Lower Upper
64 100
66 34.6 25.8 38.6





#7
Trichlorofluoromethane
Concen: 19.494 ug/l
RT: 3.074 min Scan# 223
Delta R.T. -0.006 min
Lab File: VY020686.D
Acq: 23 Dec 2024 12:16

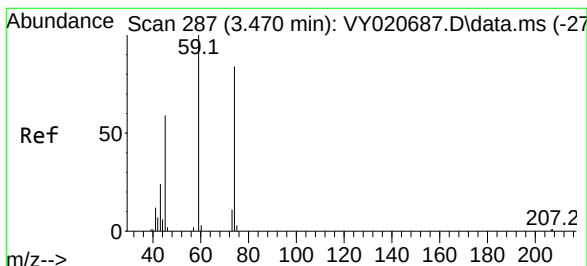
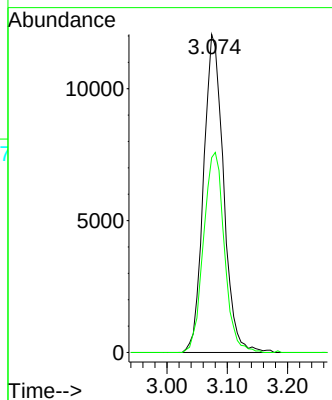
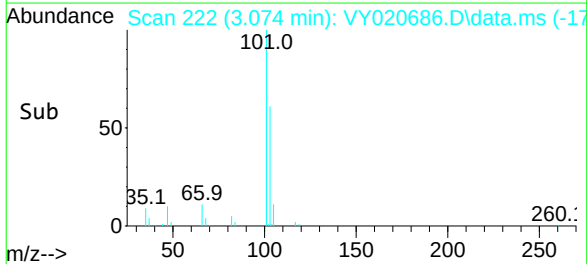
Instrument :
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Tgt Ion: 101 Resp: 27711
Ion Ratio Lower Upper
101 100
103 61.3 53.4 80.0

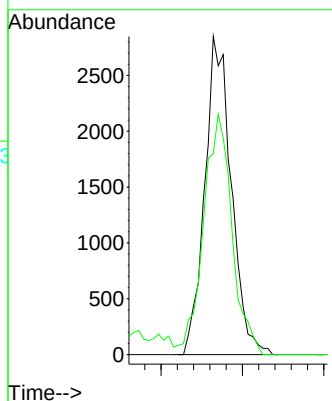
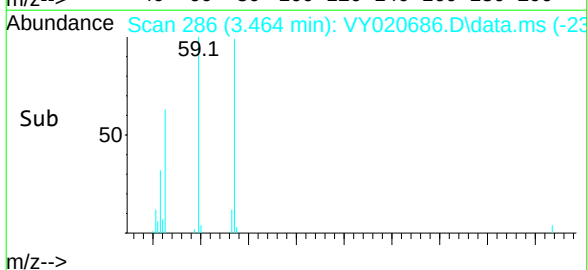
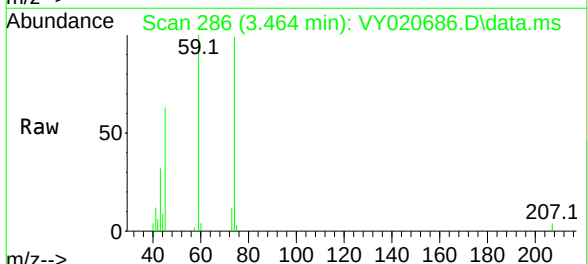
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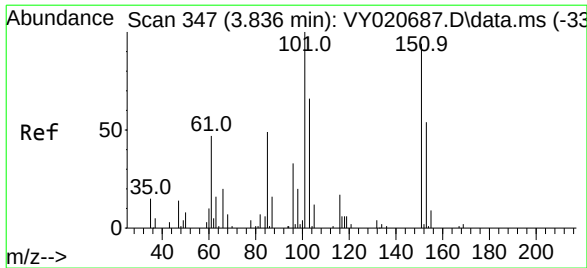
Reviewed By : Semsettin Yesilyurt 12/24/2024
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#8
Diethyl Ether
Concen: 18.913 ug/l
RT: 3.464 min Scan# 286
Delta R.T. -0.006 min
Lab File: VY020686.D
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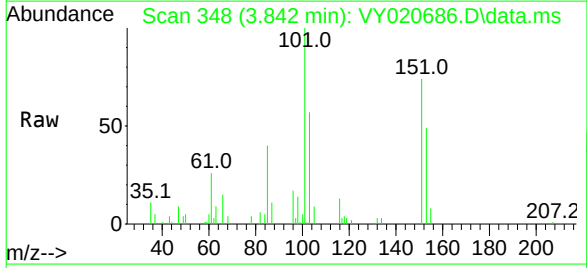
Tgt Ion: 74 Resp: 6435
Ion Ratio Lower Upper
74 100
45 81.5 49.0 147.2





#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.172 ug/l
RT: 3.842 min Scan# 347
Delta R.T. 0.006 min
Lab File: VY020686.D
Acq: 23 Dec 2024 12:16

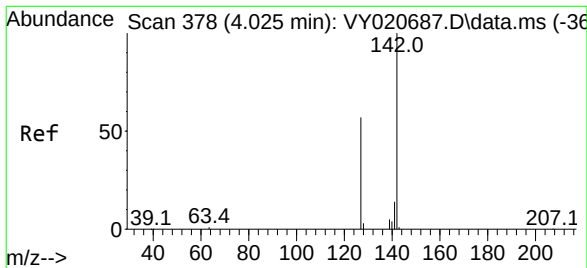
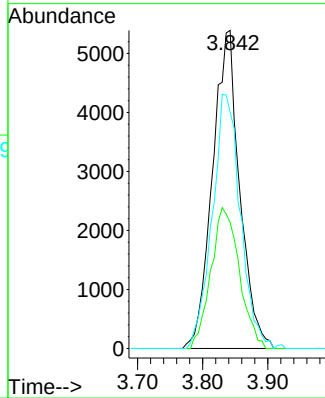
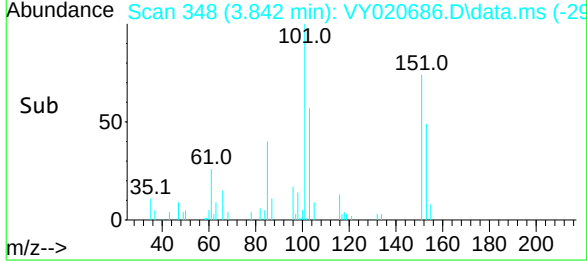
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020



Tgt Ion:101 Resp: 15658
Ion Ratio Lower Upper
101 100
85 46.2 36.6 54.8
151 82.8 61.5 92.3

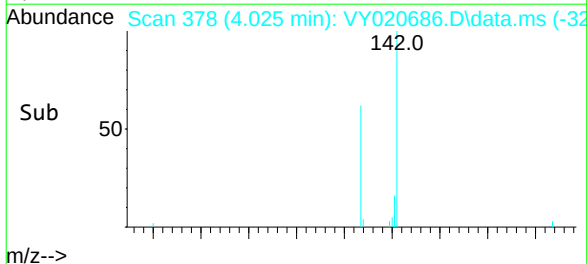
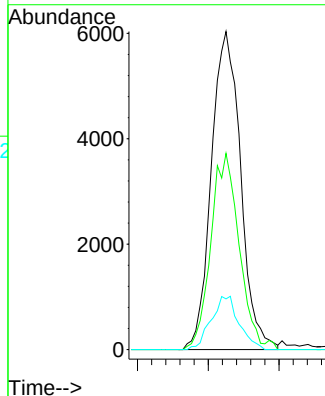
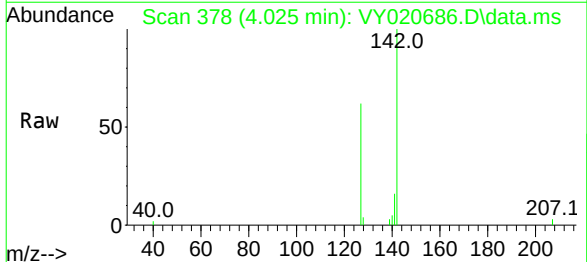
Manual Integrations
APPROVED

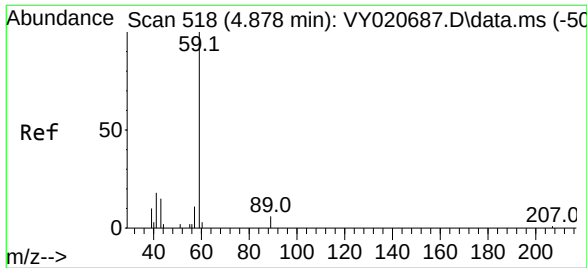
Reviewed By :Semsettin Yesilyurt 12/24/2024
Supervised By :Mahesh Dadoda 12/26/2024



#10
Methyl Iodide
Concen: 19.377 ug/l
RT: 4.025 min Scan# 378
Delta R.T. 0.000 min
Lab File: VY020686.D
Acq: 23 Dec 2024 12:16

Tgt Ion:142 Resp: 17327
Ion Ratio Lower Upper
142 100
127 59.2 40.6 61.0
141 16.0 11.7 17.5





#11

Tert butyl alcohol

Concen: 96.153 ug/l

RT: 4.872 min Scan# 518

Delta R.T. -0.006 min

Lab File: VY020686.D

Acq: 23 Dec 2024 12:16

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

Tgt Ion: 59 Resp: 7042

Ion Ratio Lower Upper

59 100

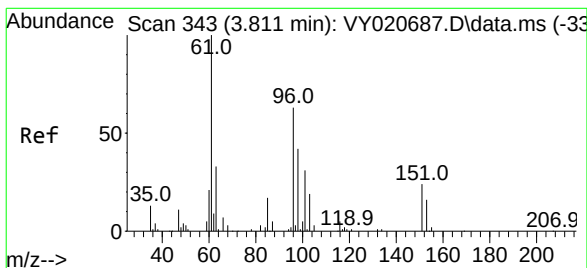
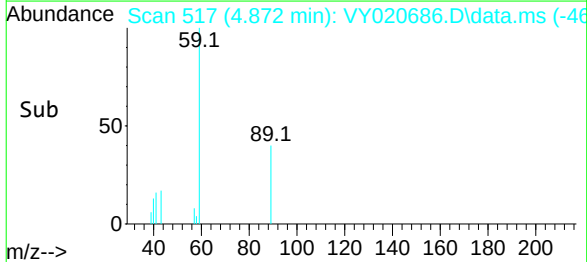
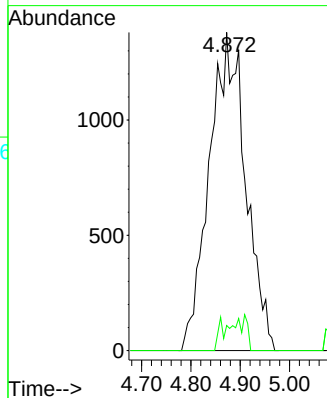
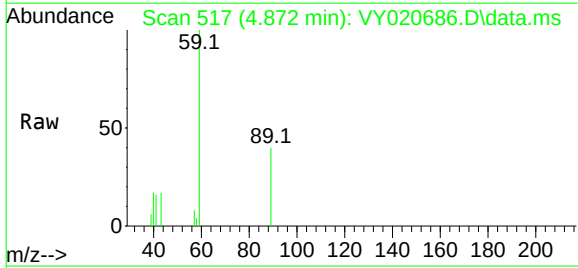
57 0.0 7.4 11.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/24/2024

Supervised By :Mahesh Dadoda 12/26/2024



#12

1,1-Dichloroethene

Concen: 18.882 ug/l

RT: 3.812 min Scan# 343

Delta R.T. 0.000 min

Lab File: VY020686.D

Acq: 23 Dec 2024 12:16

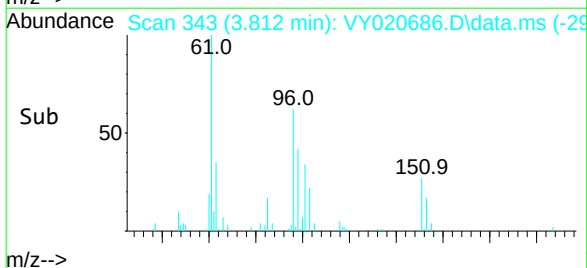
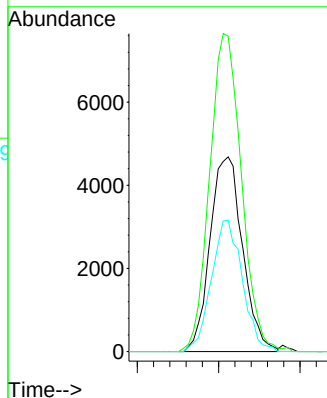
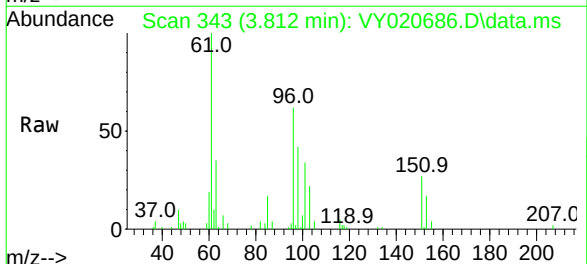
Tgt Ion: 96 Resp: 13008

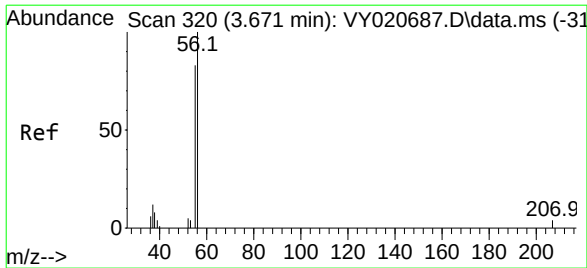
Ion Ratio Lower Upper

96 100

61 162.1 136.9 205.3

98 67.5 50.2 75.4





#13

Acrolein

Concen: 136.768 ug/l

RT: 3.671 min Scan# 320

Delta R.T. 0.000 min

Lab File: VY020686.D

Acq: 23 Dec 2024 12:16

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

Tgt Ion: 56 Resp: 2407

Ion Ratio Lower Upper

56 100

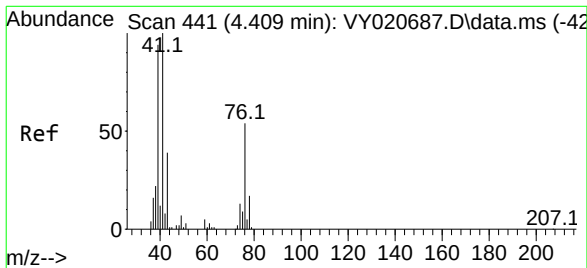
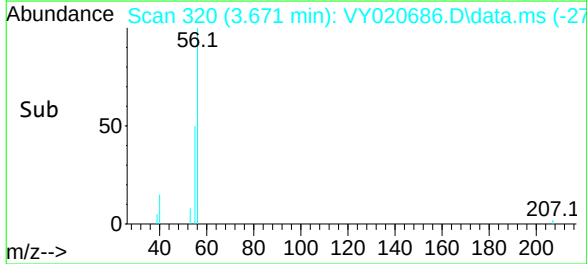
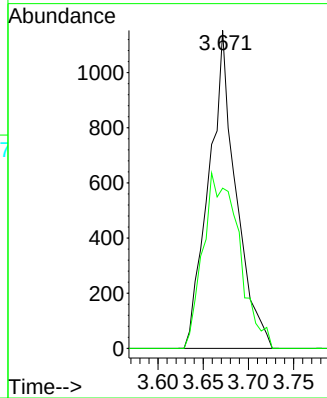
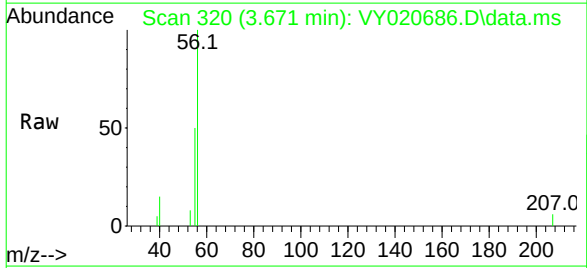
55 72.9 57.5 86.3

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/24/2024

Supervised By :Mahesh Dadoda 12/26/2024



#14

Allyl chloride

Concen: 19.903 ug/l

RT: 4.409 min Scan# 441

Delta R.T. 0.000 min

Lab File: VY020686.D

Acq: 23 Dec 2024 12:16

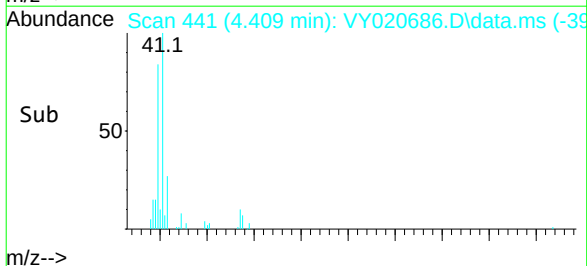
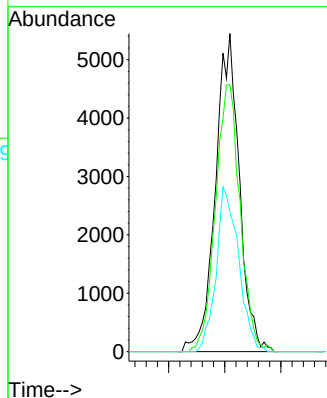
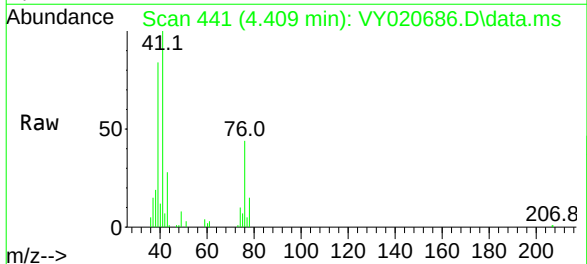
Tgt Ion: 41 Resp: 16079

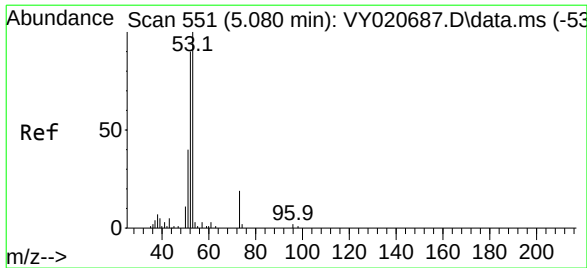
Ion Ratio Lower Upper

41 100

39 86.5 53.0 79.4#

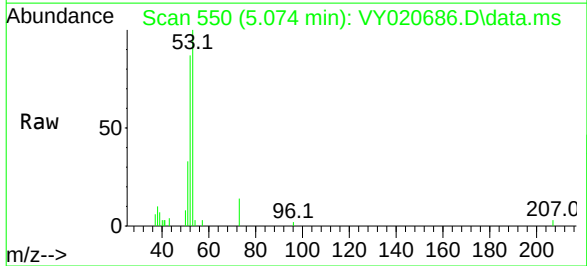
76 48.6 29.5 44.3#





#15
Acrylonitrile
Concen: 95.818 ug/l
RT: 5.074 min Scan# 551
Delta R.T. -0.006 min
Lab File: VY020686.D
Acq: 23 Dec 2024 12:16

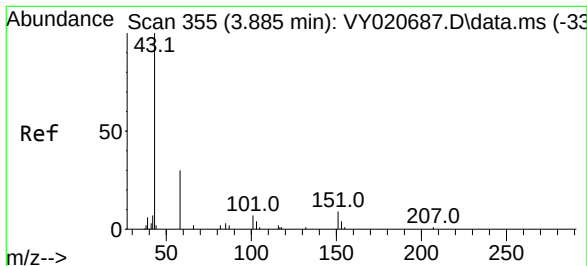
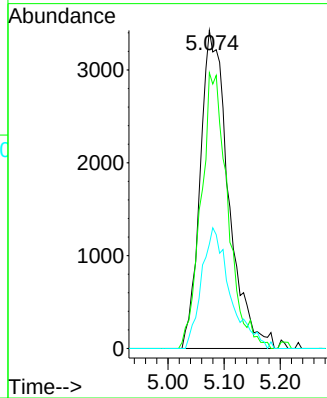
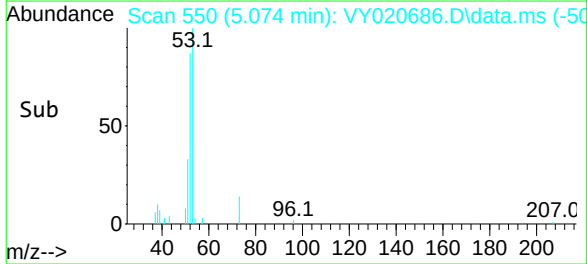
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020



Tgt Ion	Ratio	Lower	Upper
53	100		
52	81.9	64.5	96.7
51	38.4	29.4	44.0

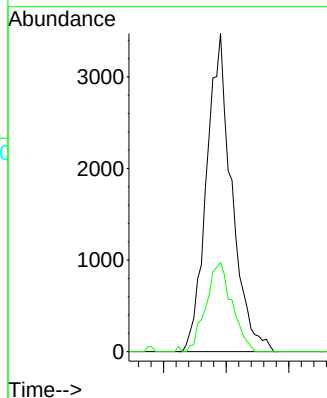
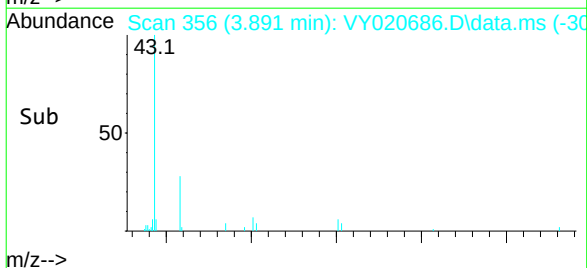
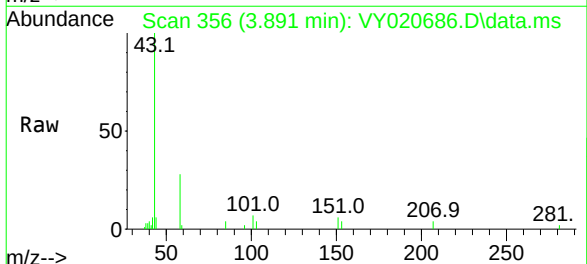
Manual Integrations
APPROVED

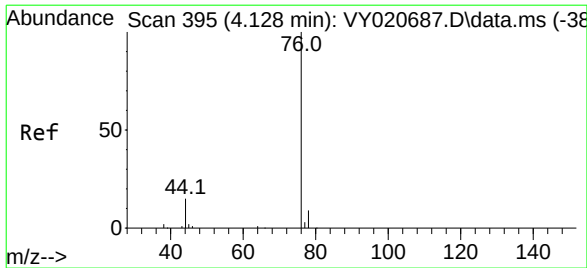
Reviewed By :Semsettin Yesilyurt 12/24/2024
Supervised By :Mahesh Dadoda 12/26/2024



#16
Acetone
Concen: 93.103 ug/l
RT: 3.891 min Scan# 356
Delta R.T. 0.006 min
Lab File: VY020686.D
Acq: 23 Dec 2024 12:16

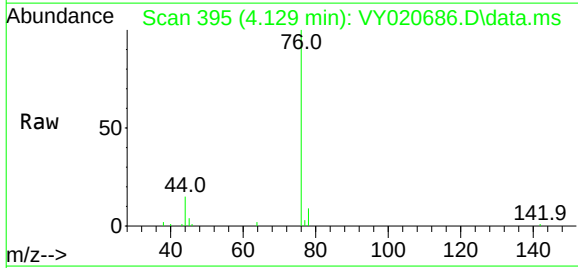
Tgt Ion	Ratio	Lower	Upper
43	100		
58	28.0	25.0	37.6





#17
Carbon Disulfide
Concen: 18.491 ug/l
RT: 4.129 min Scan# 395
Delta R.T. 0.000 min
Lab File: VY020686.D
Acq: 23 Dec 2024 12:16

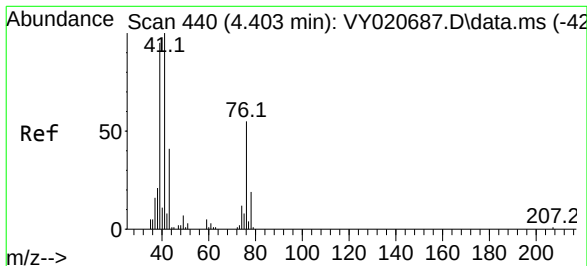
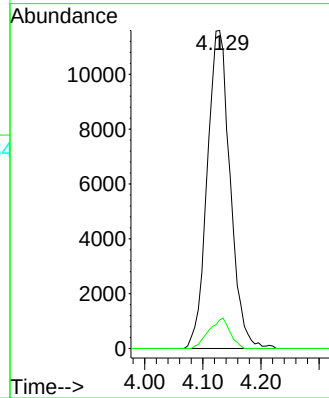
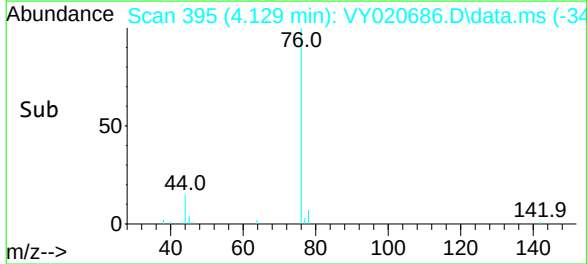
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020



Tgt Ion: 76 Resp: 31760
Ion Ratio Lower Upper
76 100
78 9.0 7.2 10.8

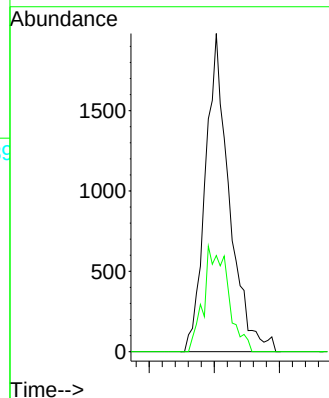
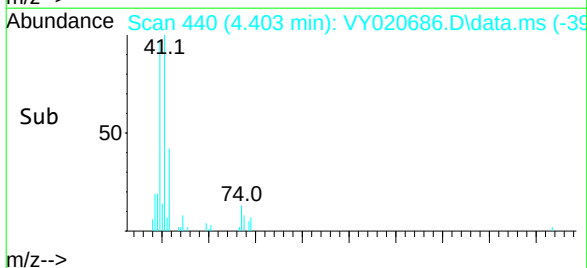
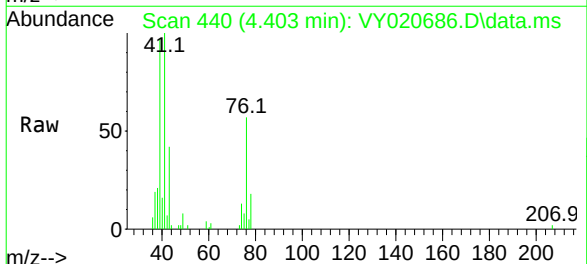
Manual Integrations
APPROVED

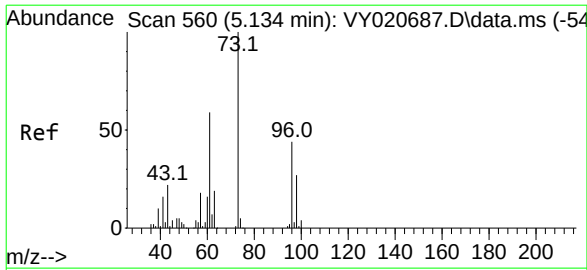
Reviewed By :Semsettin Yesilyurt 12/24/2024
Supervised By :Mahesh Dadoda 12/26/2024



#18
Methyl Acetate
Concen: 18.705 ug/l
RT: 4.403 min Scan# 440
Delta R.T. 0.000 min
Lab File: VY020686.D
Acq: 23 Dec 2024 12:16

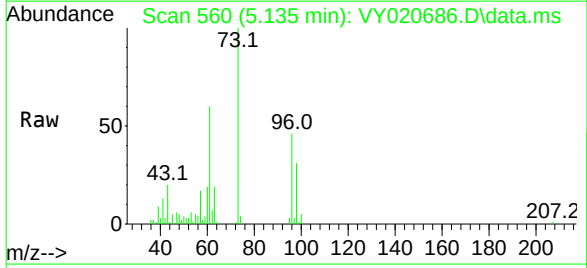
Tgt Ion: 43 Resp: 5057
Ion Ratio Lower Upper
43 100
74 34.0 19.2 28.8





#19
Methyl tert-butyl Ether
Concen: 19.935 ug/l
RT: 5.135 min Scan# 560
Delta R.T. 0.000 min
Lab File: VY020686.D
Acq: 23 Dec 2024 12:16

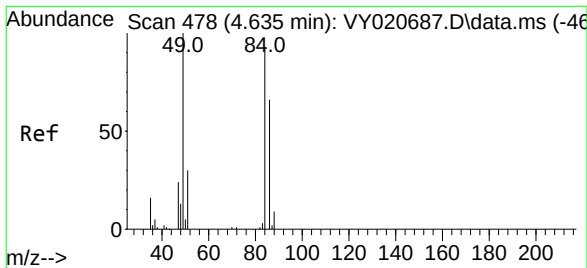
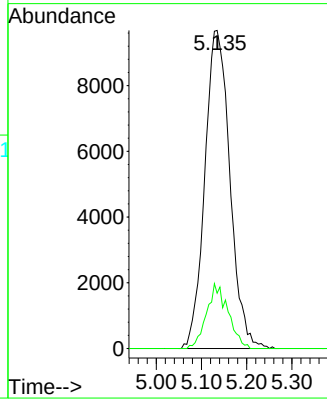
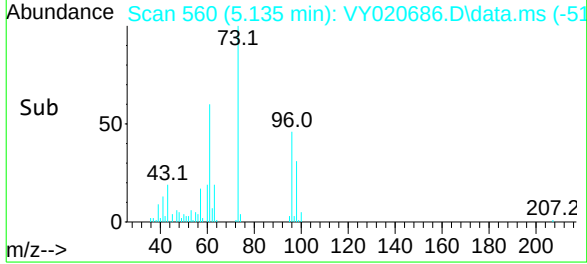
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020



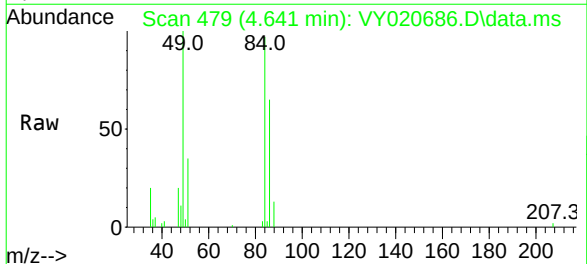
Tgt Ion: 73 Resp: 37356
Ion Ratio Lower Upper
73 100
57 17.4 18.5 27.7#

Manual Integrations
APPROVED

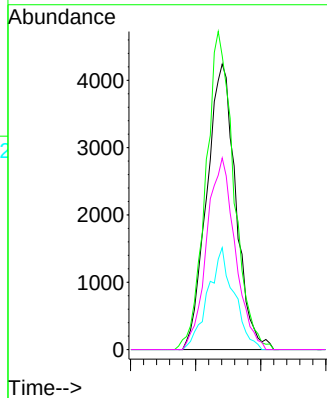
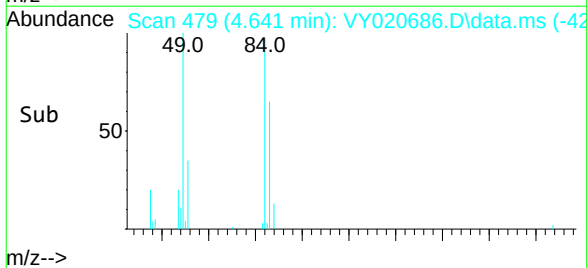
Reviewed By :Semsettin Yesilyurt 12/24/2024
Supervised By :Mahesh Dadoda 12/26/2024

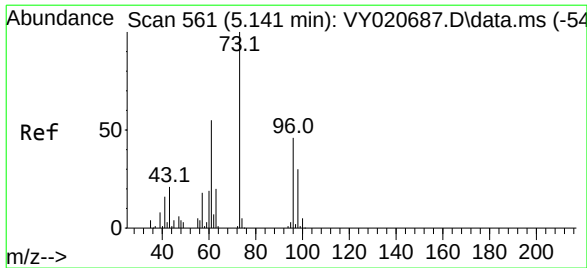


#20
Methylene Chloride
Concen: 18.833 ug/l
RT: 4.641 min Scan# 479
Delta R.T. 0.006 min
Lab File: VY020686.D
Acq: 23 Dec 2024 12:16



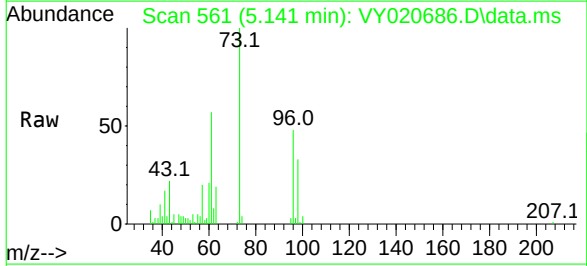
Tgt Ion: 84 Resp: 13114
Ion Ratio Lower Upper
84 100
49 102.9 100.7 151.1
51 35.7 32.2 48.2
86 67.1 53.0 79.6





#21
trans-1,2-Dichloroethene
Concen: 19.467 ug/l
RT: 5.141 min Scan# 561
Delta R.T. 0.000 min
Lab File: VY020686.D
Acq: 23 Dec 2024 12:16

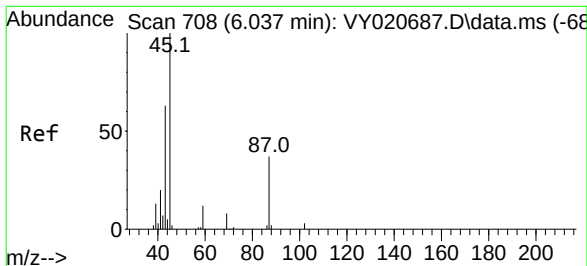
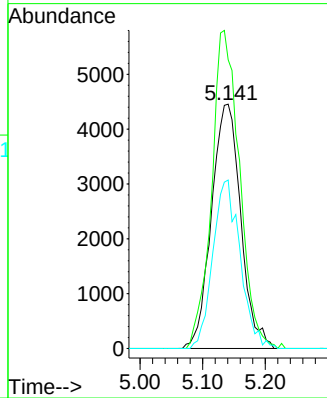
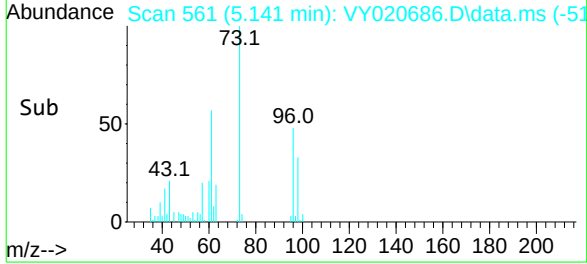
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020



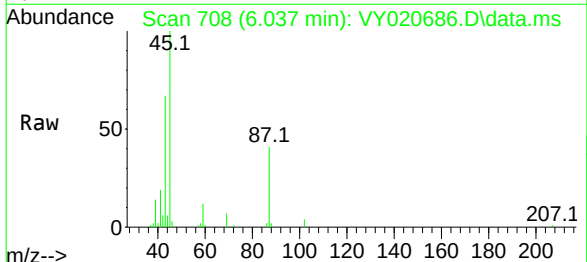
Tgt Ion: 96 Resp: 14461
Ion Ratio Lower Upper
96 100
61 118.2 113.7 170.5
98 68.9 51.7 77.5

Manual Integrations
APPROVED

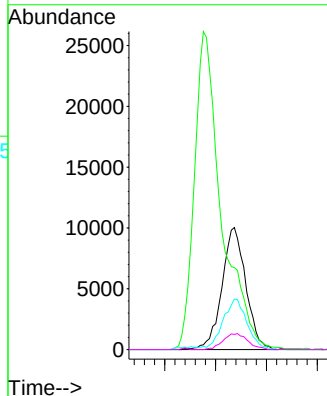
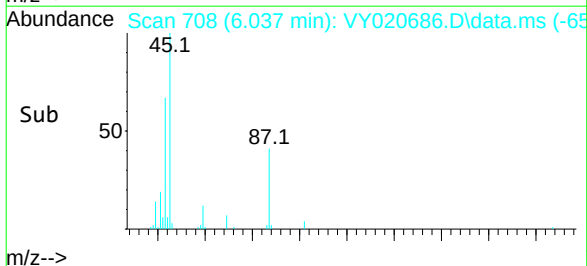
Reviewed By :Semsettin Yesilyurt 12/24/2024
Supervised By :Mahesh Dadoda 12/26/2024

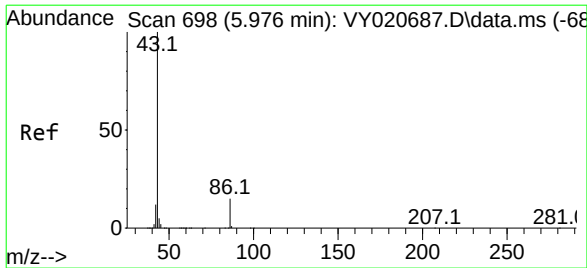


#22
Diisopropyl ether
Concen: 19.784 ug/l
RT: 6.037 min Scan# 708
Delta R.T. 0.000 min
Lab File: VY020686.D
Acq: 23 Dec 2024 12:16



Tgt Ion: 45 Resp: 32675
Ion Ratio Lower Upper
45 100
43 65.3 42.6 64.0#
87 41.4 20.6 31.0#
59 12.4 8.6 13.0





#23

Vinyl Acetate

Concen: 98.495 ug/l

RT: 5.976 min Scan# 691

Delta R.T. 0.000 min

Lab File: VY020686.D

Acq: 23 Dec 2024 12:16

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

Tgt Ion: 43 Resp: 96326

Ion Ratio Lower Upper

43 100

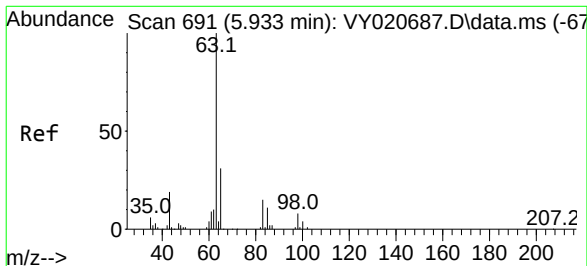
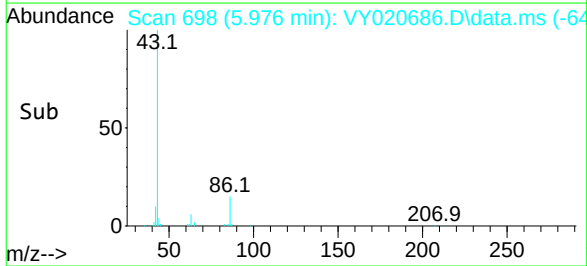
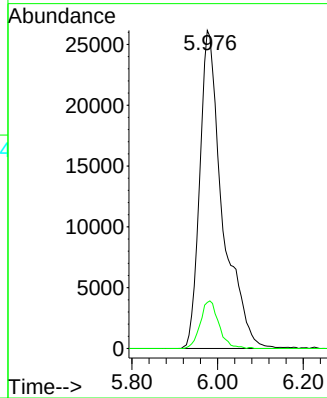
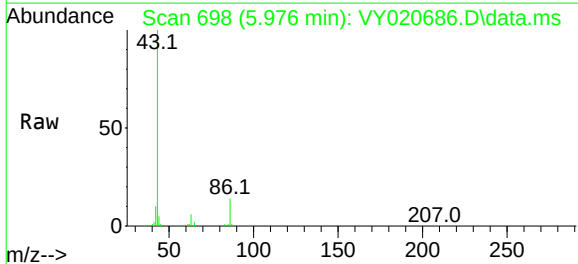
86 14.5 8.1 12.1#

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/24/2024

Supervised By :Mahesh Dadoda 12/26/2024



#24

1,1-Dichloroethane

Concen: 20.049 ug/l

RT: 5.939 min Scan# 692

Delta R.T. 0.006 min

Lab File: VY020686.D

Acq: 23 Dec 2024 12:16

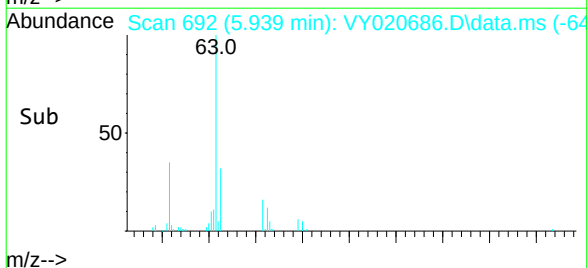
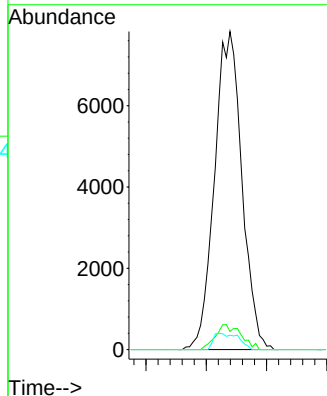
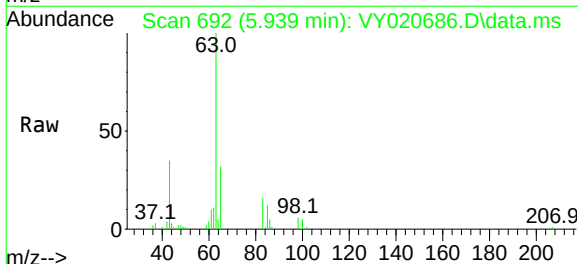
Tgt Ion: 63 Resp: 24684

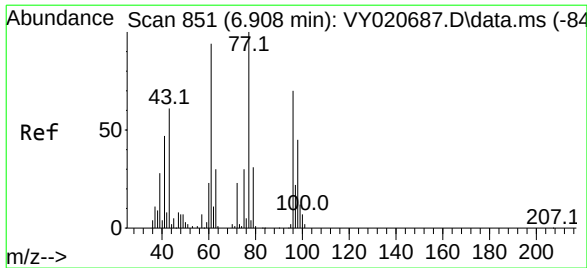
Ion Ratio Lower Upper

63 100

98 5.7 3.4 10.1

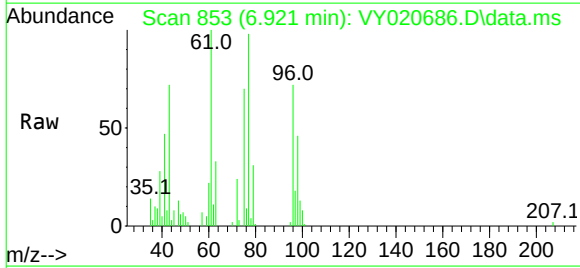
100 4.5 2.1 6.5





#25
2-Butanone
Concen: 93.819 ug/l
RT: 6.921 min Scan# 851
Delta R.T. 0.012 min
Lab File: VY020686.D
Acq: 23 Dec 2024 12:16

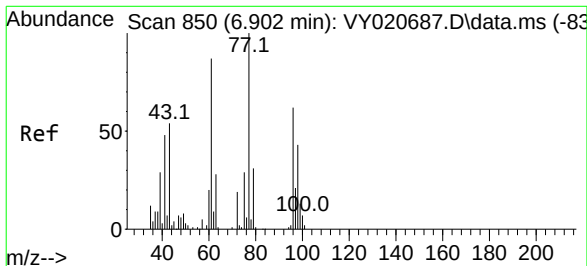
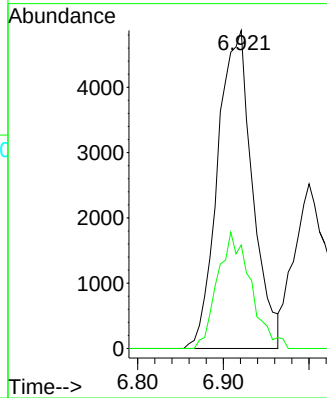
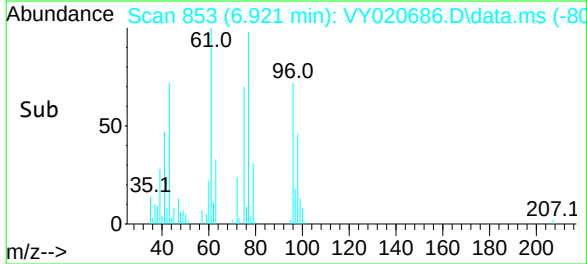
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020



Tgt Ion: 43 Resp: 13772
Ion Ratio Lower Upper
43 100
72 32.5 20.6 31.0#

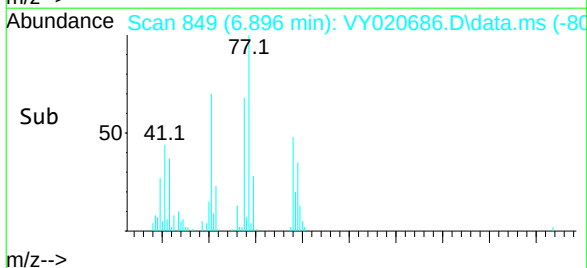
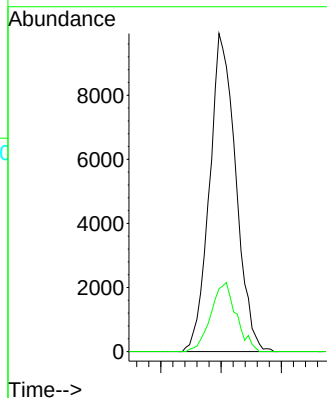
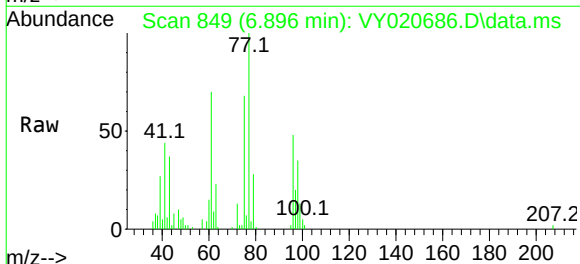
Manual Integrations
APPROVED

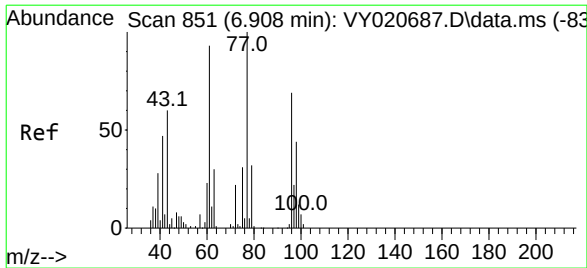
Reviewed By :Semsettin Yesilyurt 12/24/2024
Supervised By :Mahesh Dadoda 12/26/2024



#26
2,2-Dichloropropane
Concen: 19.460 ug/l
RT: 6.896 min Scan# 849
Delta R.T. -0.006 min
Lab File: VY020686.D
Acq: 23 Dec 2024 12:16

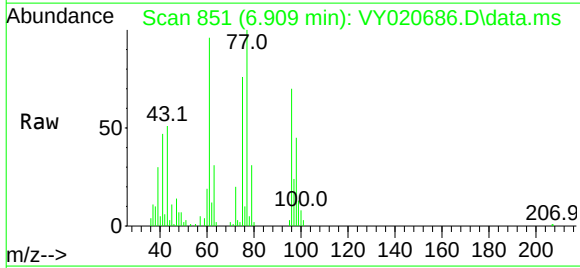
Tgt Ion: 77 Resp: 29975
Ion Ratio Lower Upper
77 100
97 21.1 10.9 32.6





#27
cis-1,2-Dichloroethene
Concen: 19.522 ug/l
RT: 6.909 min Scan# 851
Delta R.T. 0.000 min
Lab File: VY020686.D
Acq: 23 Dec 2024 12:16

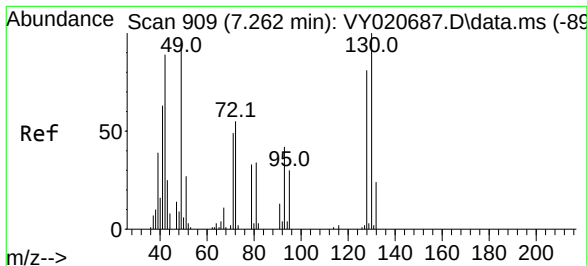
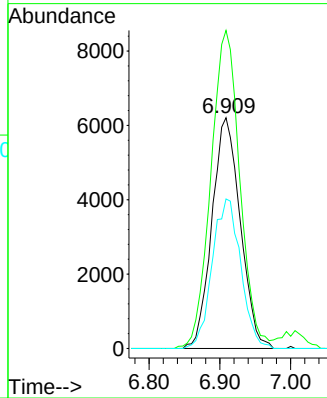
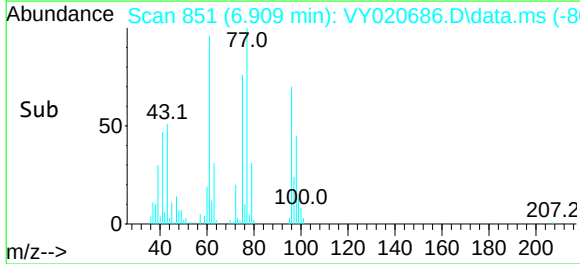
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020



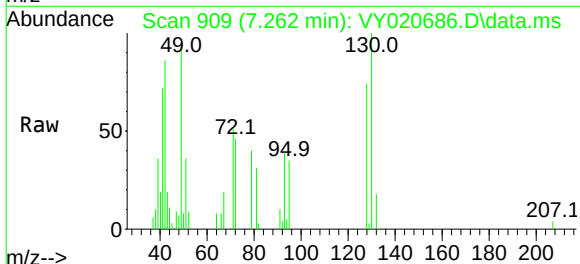
Tgt Ion: 96 Resp: 17272
Ion Ratio Lower Upper
96 100
61 140.7 0.0 306.2
98 65.1 0.0 127.2

Manual Integrations
APPROVED

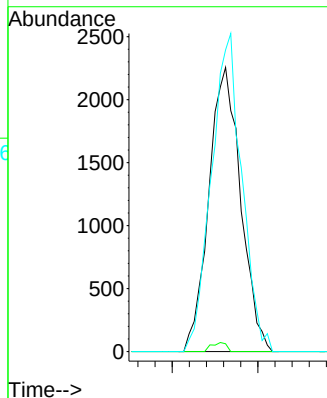
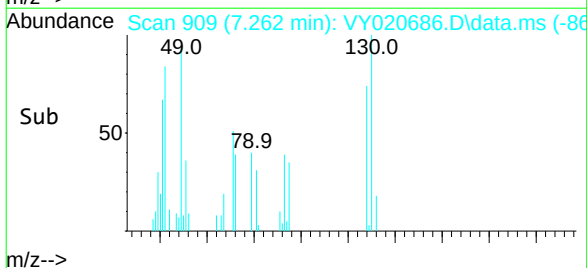
Reviewed By :Semsettin Yesilyurt 12/24/2024
Supervised By :Mahesh Dadoda 12/26/2024

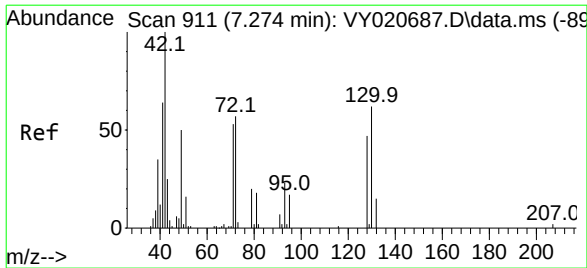


#28
Bromochloromethane
Concen: 18.304 ug/l
RT: 7.262 min Scan# 909
Delta R.T. 0.000 min
Lab File: VY020686.D
Acq: 23 Dec 2024 12:16



Tgt Ion: 49 Resp: 5831
Ion Ratio Lower Upper
49 100
129 1.5 0.0 3.8
130 107.2 58.3 87.5#





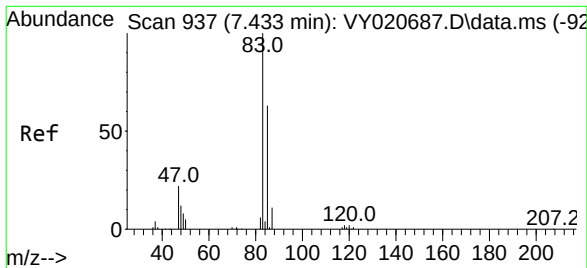
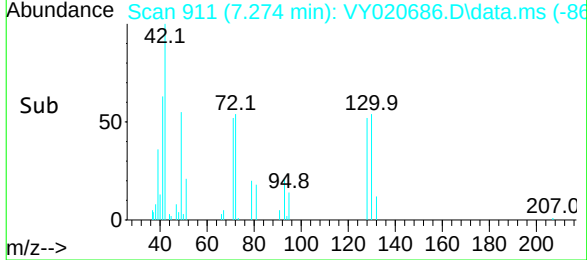
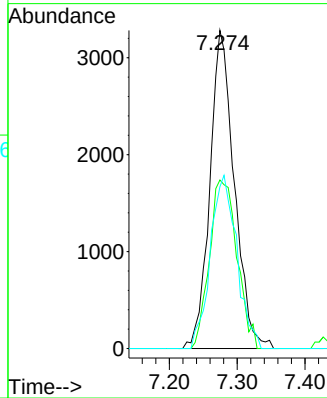
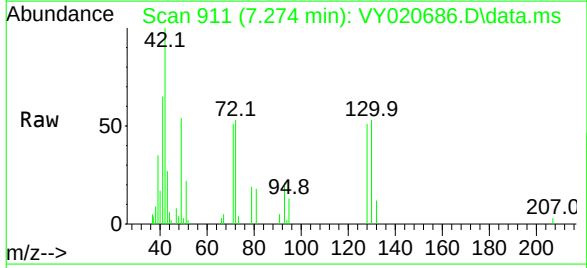
#29
Tetrahydrofuran
Concen: 95.307 ug/l
RT: 7.274 min Scan# 911
Delta R.T. 0.000 min
Lab File: VY020686.D
Acq: 23 Dec 2024 12:16

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion: 42 Resp: 8223
Ion Ratio Lower Upper
42 100
72 59.7 34.0 51.0#
71 58.7 31.6 47.4#

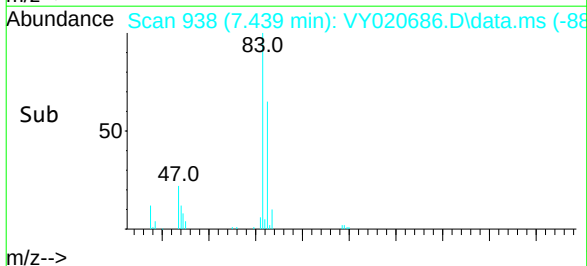
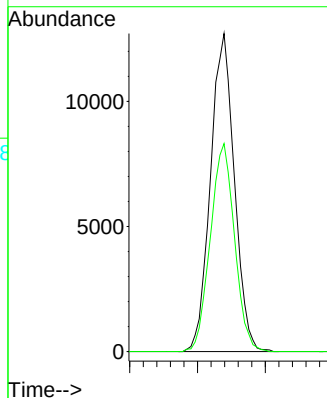
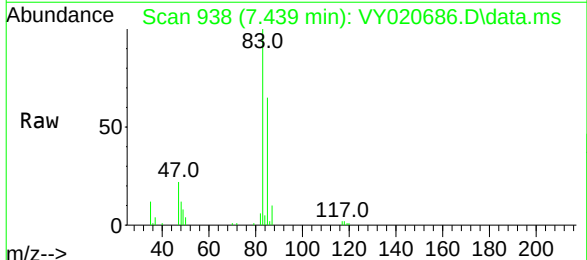
Manual Integrations
APPROVED

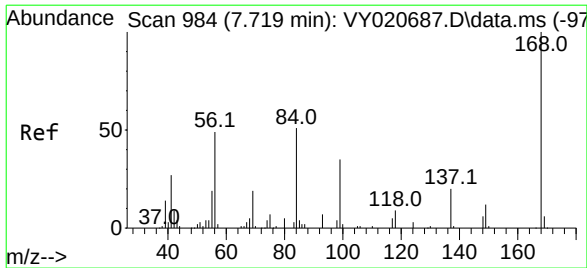
Reviewed By :Semsettin Yesilyurt 12/24/2024
Supervised By :Mahesh Dadoda 12/26/2024



#30
Chloroform
Concen: 19.229 ug/l
RT: 7.439 min Scan# 938
Delta R.T. 0.006 min
Lab File: VY020686.D
Acq: 23 Dec 2024 12:16

Tgt Ion: 83 Resp: 31119
Ion Ratio Lower Upper
83 100
85 65.4 52.7 79.1





#31

Cyclohexane

Concen: 19.152 ug/l

RT: 7.720 min Scan# 984

Delta R.T. 0.000 min

Lab File: VY020686.D

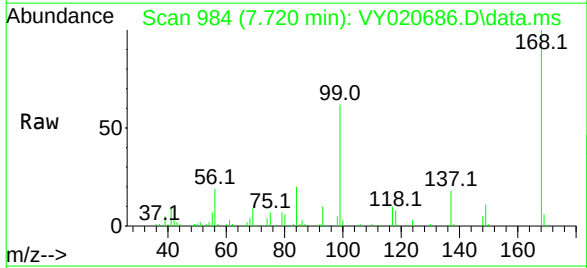
Acq: 23 Dec 2024 12:16

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

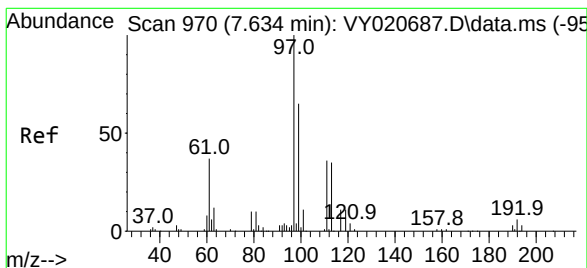
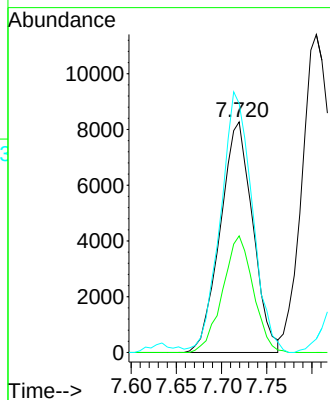
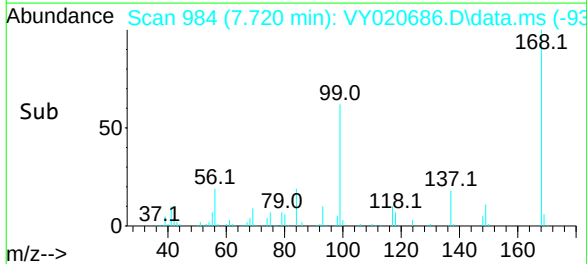


Tgt Ion:	56	Resp:	20675
Ion	Ratio	Lower	Upper
56	100		
69	50.6	25.4	38.0
84	105.5	68.3	102.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/24/2024
Supervised By :Mahesh Dadoda 12/26/2024



#32

1,1,1-Trichloroethane

Concen: 19.771 ug/l

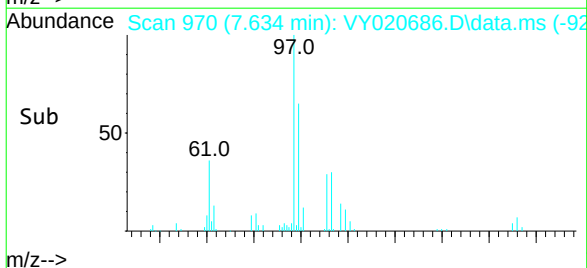
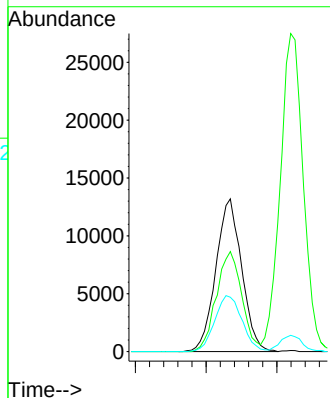
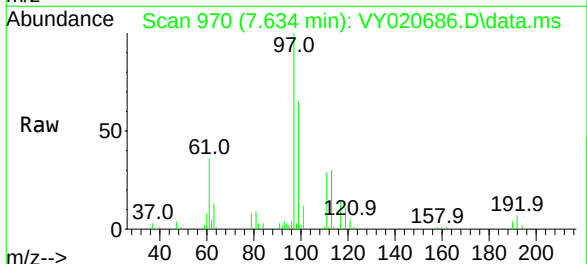
RT: 7.634 min Scan# 970

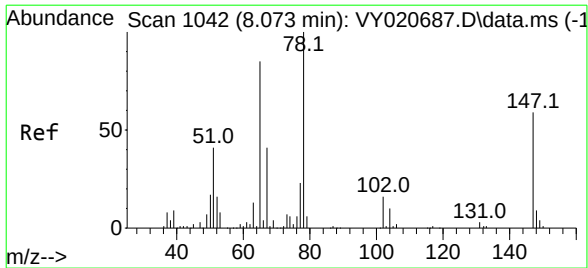
Delta R.T. 0.000 min

Lab File: VY020686.D

Acq: 23 Dec 2024 12:16

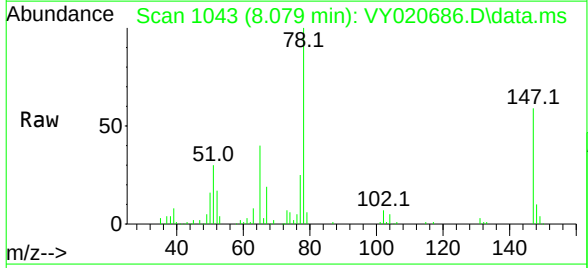
Tgt Ion:	97	Resp:	33427
Ion	Ratio	Lower	Upper
97	100		
99	64.9	51.6	77.4
61	38.7	34.7	52.1





#33
1,2-Dichloroethane-d4
Concen: 16.223 ug/l
RT: 8.079 min Scan# 1042
Delta R.T. 0.006 min
Lab File: VY020686.D
Acq: 23 Dec 2024 12:16

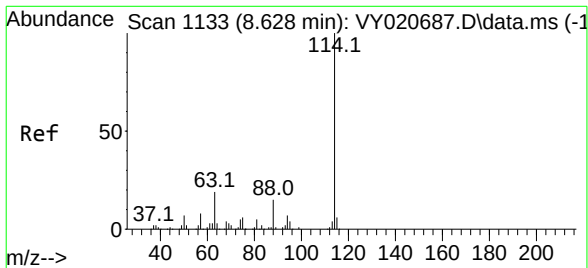
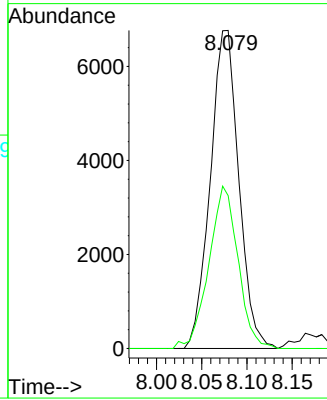
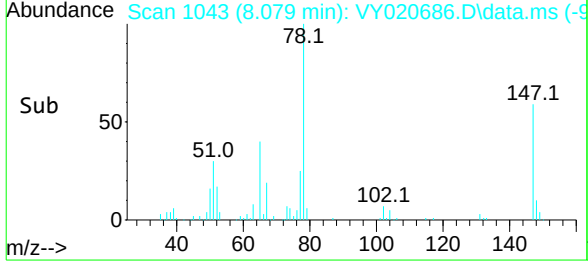
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020



Tgt Ion: 65 Resp: 14842
Ion Ratio Lower Upper
65 100
67 52.1 0.0 108.0

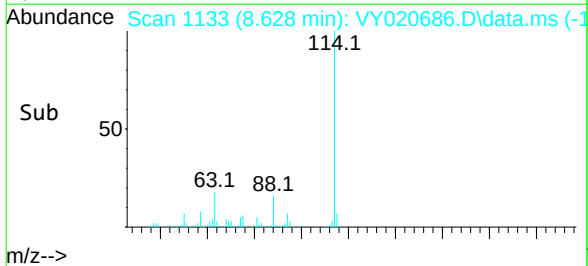
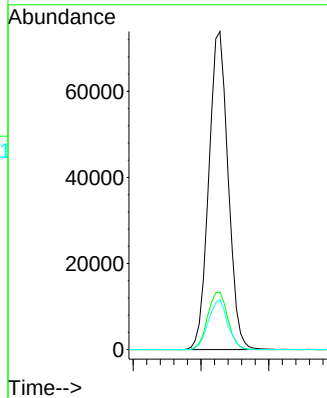
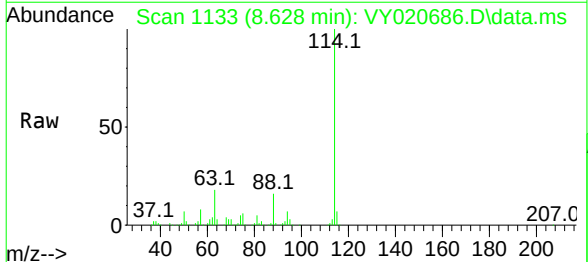
Manual Integrations
APPROVED

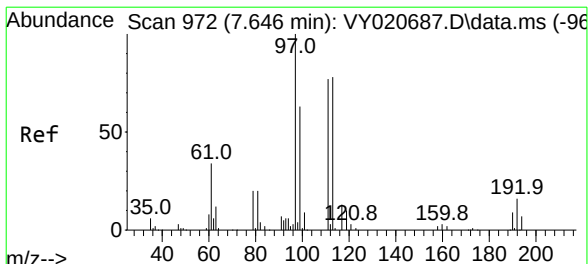
Reviewed By :Semsettin Yesilyurt 12/24/2024
Supervised By :Mahesh Dadoda 12/26/2024



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.628 min Scan# 1133
Delta R.T. 0.000 min
Lab File: VY020686.D
Acq: 23 Dec 2024 12:16

Tgt Ion:114 Resp: 146320
Ion Ratio Lower Upper
114 100
63 18.1 0.0 44.0
88 15.7 0.0 32.8





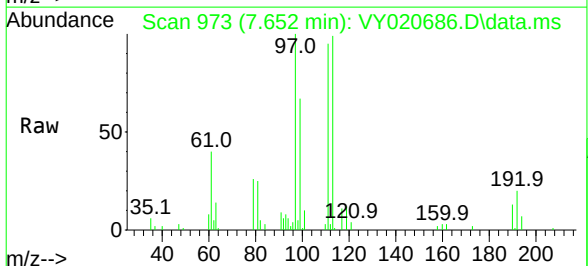
#35
 Dibromofluoromethane
 Concen: 16.999 ug/l
 RT: 7.652 min Scan# 97
 Delta R.T. 0.006 min
 Lab File: VY020686.D
 Acq: 23 Dec 2024 12:16

Instrument :

MSVOA_Y

ClientSampleId :

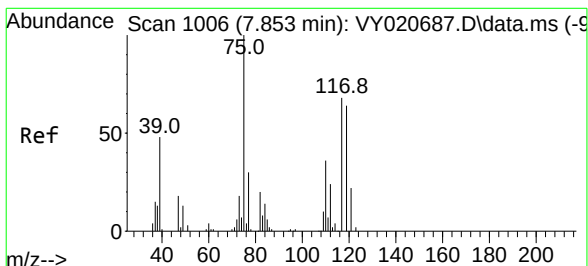
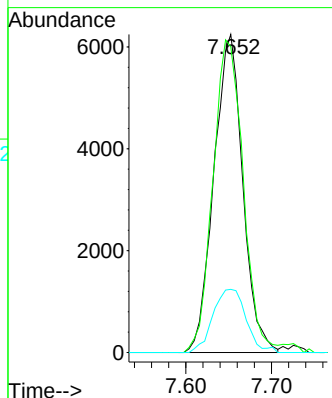
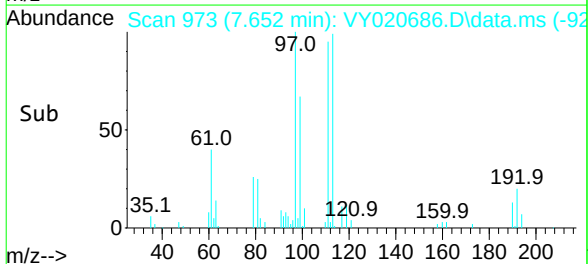
VSTDICC020



Tgt Ion:	113	Resp:	14605
Ion	Ratio	Lower	Upper
113	100		
111	102.7	82.9	124.3
192	22.8	15.7	23.5

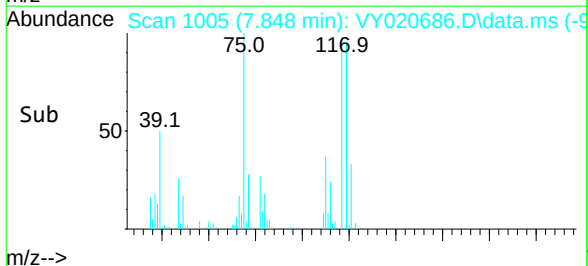
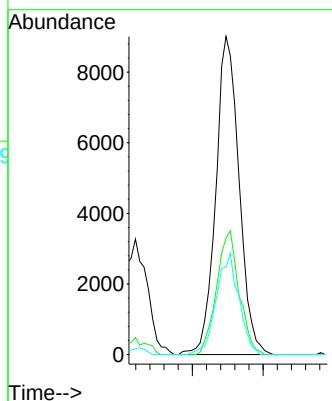
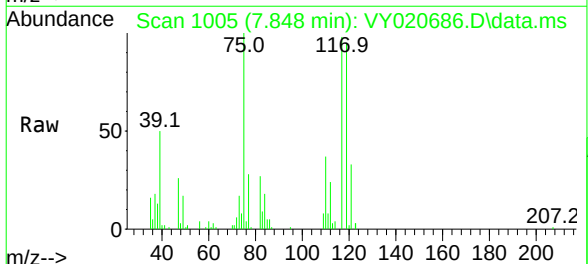
Manual Integrations
 APPROVED

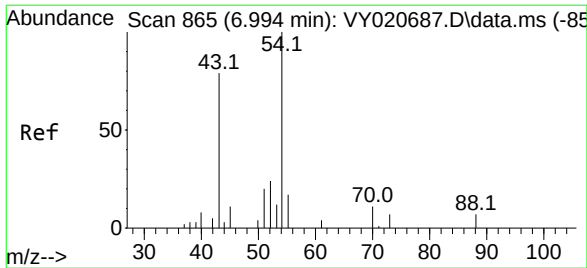
Reviewed By :Semsettin Yesilyurt 12/24/2024
 Supervised By :Mahesh Dadoda 12/26/2024



#36
 1,1-Dichloropropene
 Concen: 19.723 ug/l
 RT: 7.848 min Scan# 1005
 Delta R.T. -0.006 min
 Lab File: VY020686.D
 Acq: 23 Dec 2024 12:16

Tgt Ion:	75	Resp:	20597
Ion	Ratio	Lower	Upper
75	100		
110	37.6	16.8	50.4
77	30.8	25.0	37.6





#37
Ethyl Acetate
Concen: 20.375 ug/l
RT: 7.000 min Scan# 865
Delta R.T. 0.006 min
Lab File: VY020686.D
Acq: 23 Dec 2024 12:16

Instrument :

MSVOA_Y

ClientSampleId :

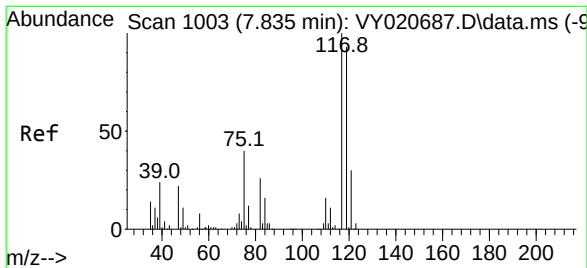
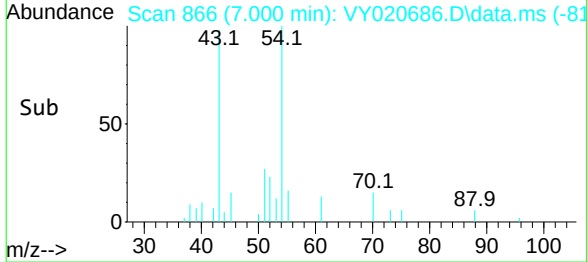
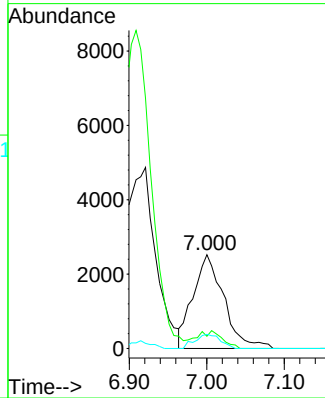
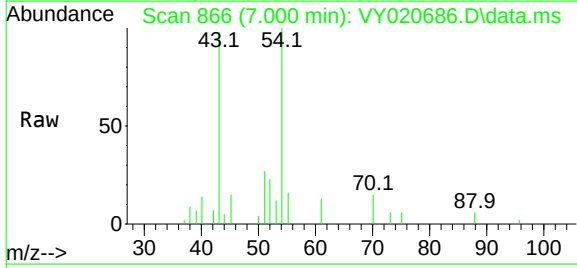
VSTDICC020

Tgt Ion: 43 Resp: 6954
Ion Ratio Lower Upper
43 100
61 15.2 11.0 16.4
70 12.4 7.9 11.9#

Manual Integrations

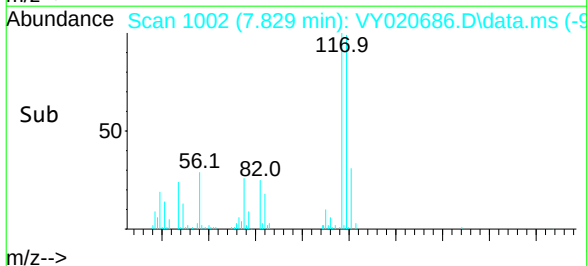
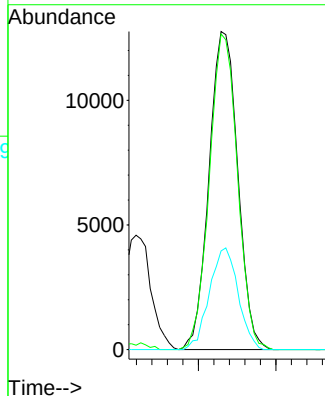
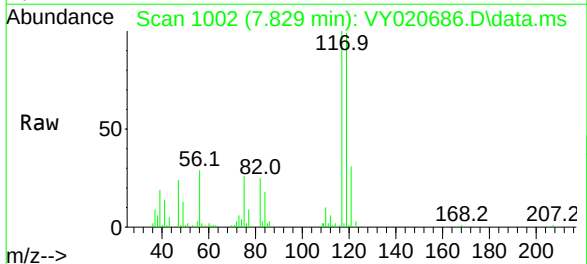
APPROVED

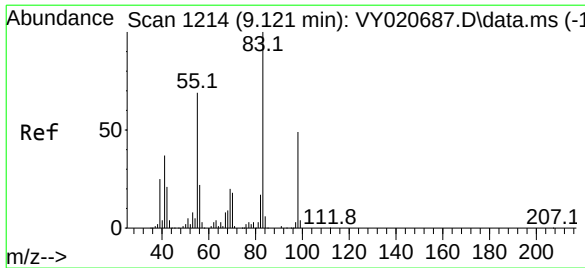
Reviewed By :Semsettin Yesilyurt 12/24/2024
Supervised By :Mahesh Dadoda 12/26/2024



#38
Carbon Tetrachloride
Concen: 19.452 ug/l
RT: 7.829 min Scan# 1002
Delta R.T. -0.006 min
Lab File: VY020686.D
Acq: 23 Dec 2024 12:16

Tgt Ion:117 Resp: 32873
Ion Ratio Lower Upper
117 100
119 99.2 78.3 117.5
121 31.0 25.1 37.7





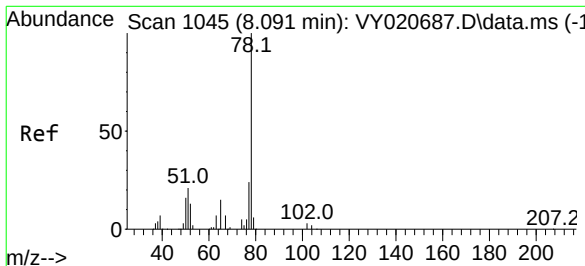
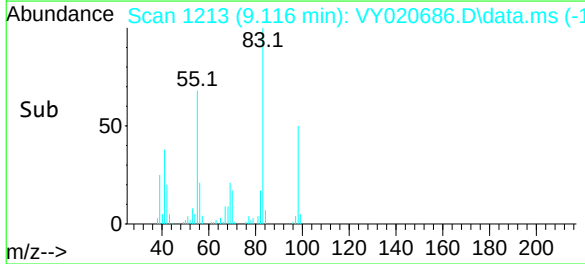
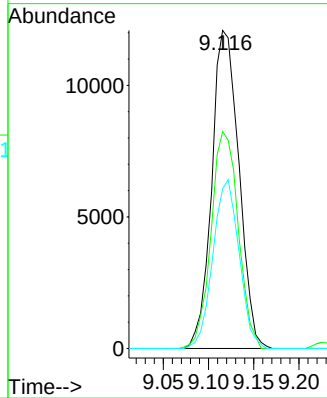
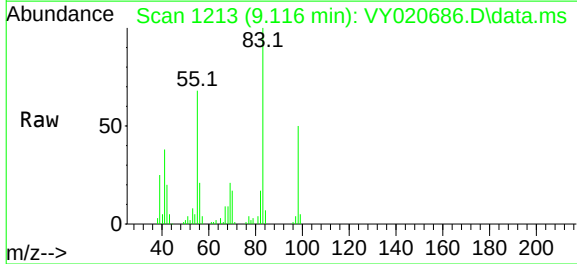
#39
Methylcyclohexane
Concen: 18.999 ug/l
RT: 9.116 min Scan# 1214
Delta R.T. -0.006 min
Lab File: VY020686.D
Acq: 23 Dec 2024 12:16

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion	Ratio	Lower	Upper
83	100		
55	68.2	61.4	92.0
98	50.2	37.3	55.9

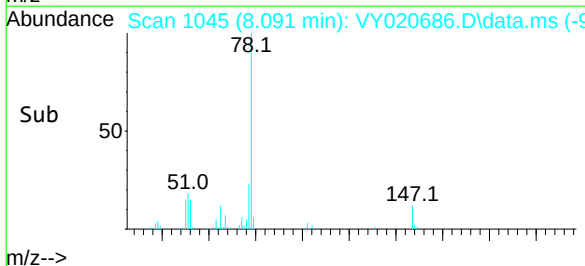
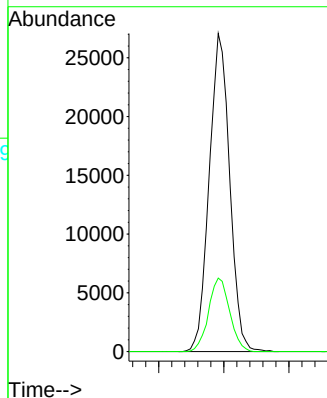
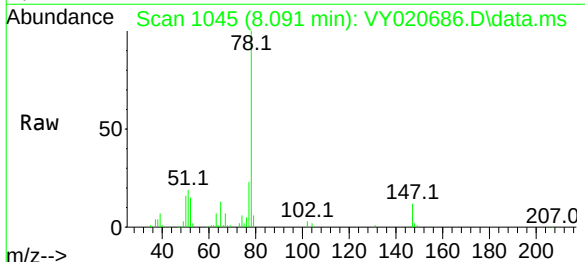
Manual Integrations
APPROVED

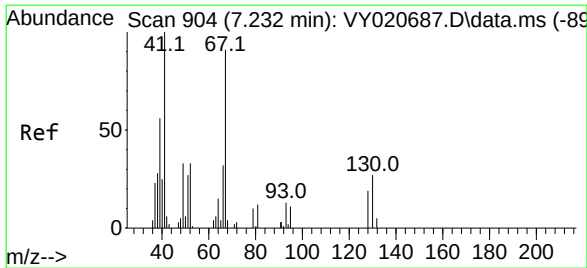
Reviewed By :Semsettin Yesilyurt 12/24/2024
Supervised By :Mahesh Dadoda 12/26/2024



#40
Benzene
Concen: 19.607 ug/l
RT: 8.091 min Scan# 1045
Delta R.T. 0.000 min
Lab File: VY020686.D
Acq: 23 Dec 2024 12:16

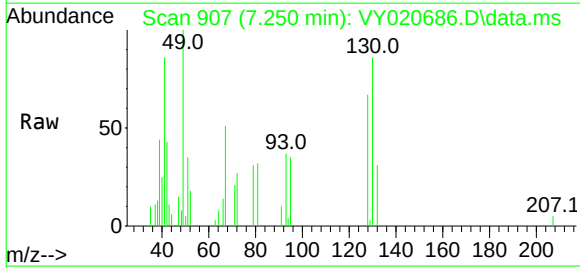
Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.1	20.1	30.1





#41
Methacrylonitrile
Concen: 21.744 ug/l m
RT: 7.250 min Scan# 90
Delta R.T. 0.018 min
Lab File: VY020686.D
Acq: 23 Dec 2024 12:16

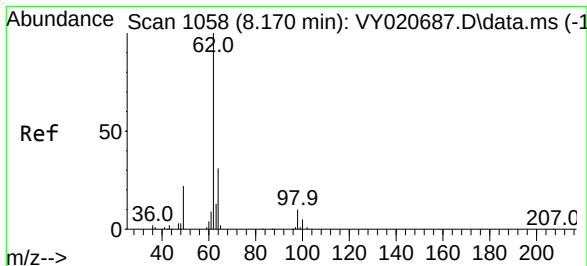
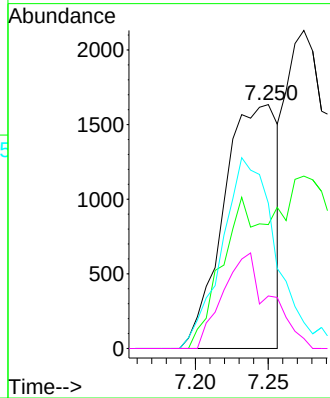
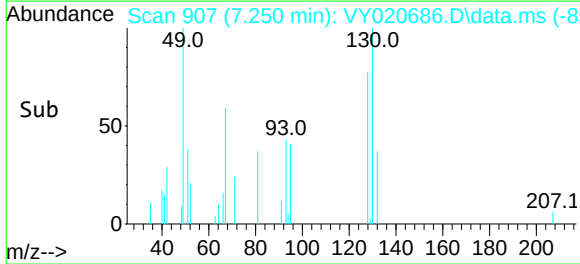
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020



Tgt Ion:	41	Resp:	4200
Ion	Ratio	Lower	Upper
41	100		
39	59.0	53.6	80.4
67	0.0	62.0	93.0#
52	0.0	25.9	38.9#

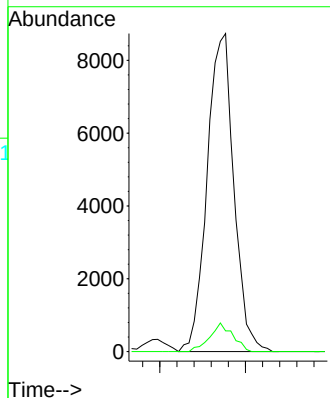
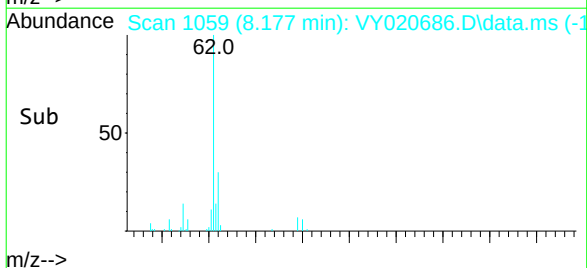
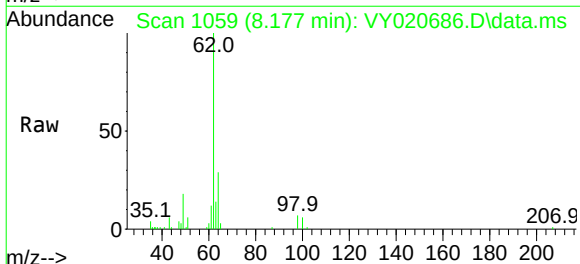
Manual Integrations
APPROVED

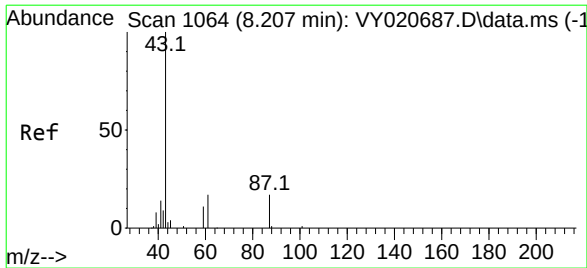
Reviewed By :Semsettin Yesilyurt 12/24/2024
Supervised By :Mahesh Dadoda 12/26/2024



#42
1,2-Dichloroethane
Concen: 19.768 ug/l
RT: 8.177 min Scan# 1059
Delta R.T. 0.006 min
Lab File: VY020686.D
Acq: 23 Dec 2024 12:16

Tgt Ion:	62	Resp:	18941
Ion	Ratio	Lower	Upper
62	100		
98	7.7	0.0	18.0





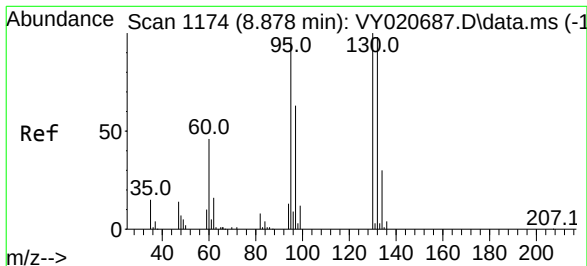
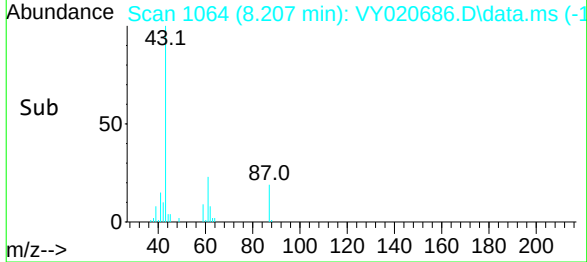
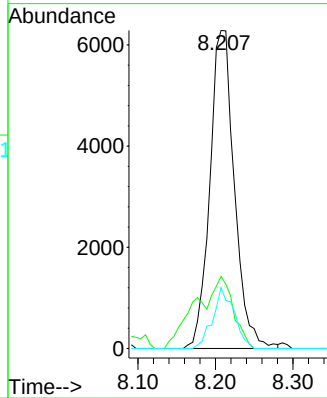
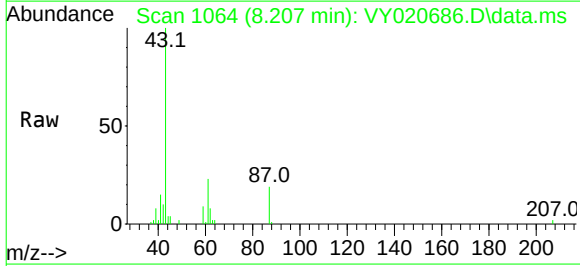
#43
Isopropyl Acetate
Concen: 19.509 ug/l
RT: 8.207 min Scan# 1064
Delta R.T. 0.000 min
Lab File: VY020686.D
Acq: 23 Dec 2024 12:16

Instrument : MSVOA_Y
ClientSampleId : VSTDIC020

Tgt Ion:	43	Resp:	13839
Ion	Ratio	Lower	Upper
43	100		
61	19.5	23.8	35.6
87	16.6	10.2	15.4

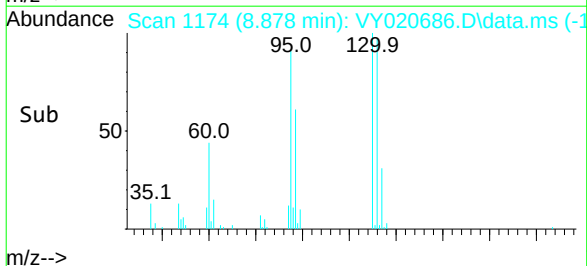
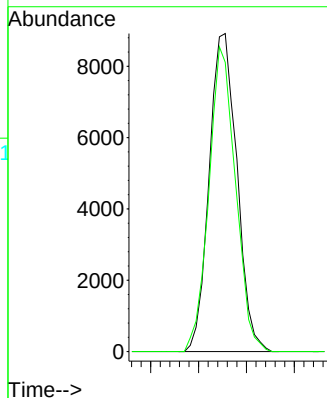
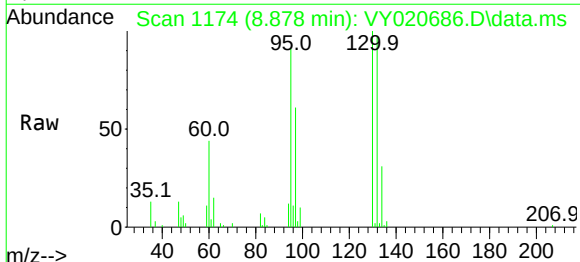
Manual Integrations
APPROVED

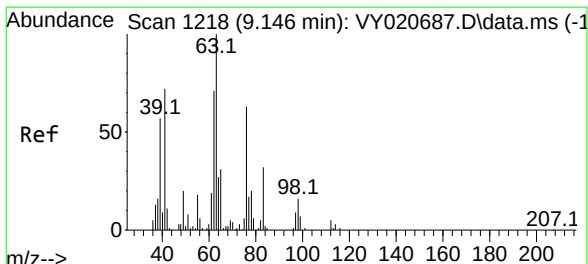
Reviewed By :Semsettin Yesilyurt 12/24/2024
Supervised By :Mahesh Dadoda 12/26/2024



#44
Trichloroethene
Concen: 20.111 ug/l
RT: 8.878 min Scan# 1174
Delta R.T. 0.000 min
Lab File: VY020686.D
Acq: 23 Dec 2024 12:16

Tgt Ion:	130	Resp:	17982
Ion	Ratio	Lower	Upper
130	100		
95	91.0	0.0	203.2





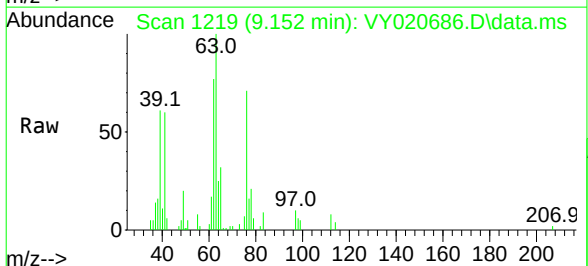
#45
1,2-Dichloropropane
Concen: 20.313 ug/l
RT: 9.152 min Scan# 1219
Delta R.T. 0.006 min
Lab File: VY020686.D
Acq: 23 Dec 2024 12:16

Instrument :

MSVOA_Y

ClientSampleId :

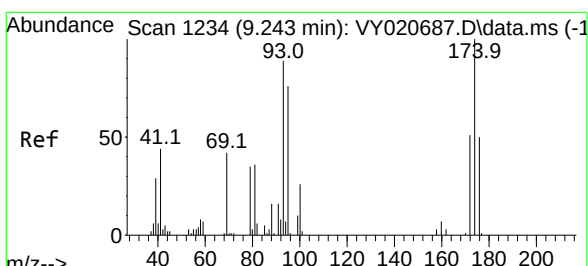
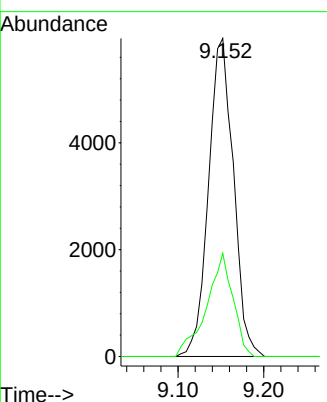
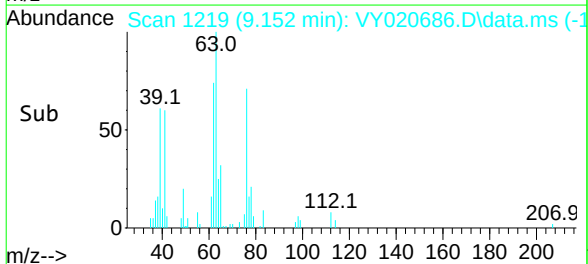
VSTDICC020



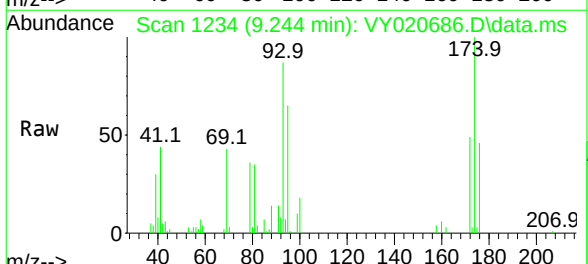
Tgt Ion:	63	Resp:	12024
Ion	Ratio	Lower	Upper
63	100		
65	32.4	25.9	38.9

Manual Integrations
APPROVED

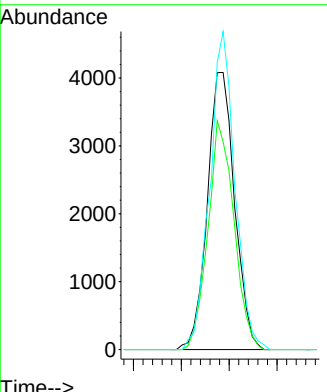
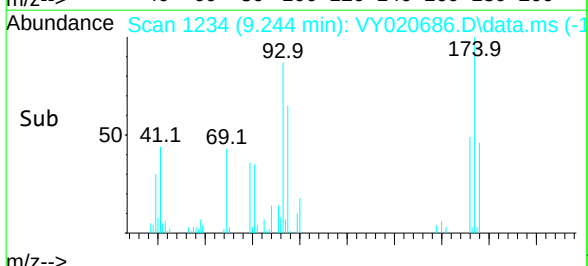
Reviewed By :Semsettin Yesilyurt 12/24/2024
Supervised By :Mahesh Dadoda 12/26/2024

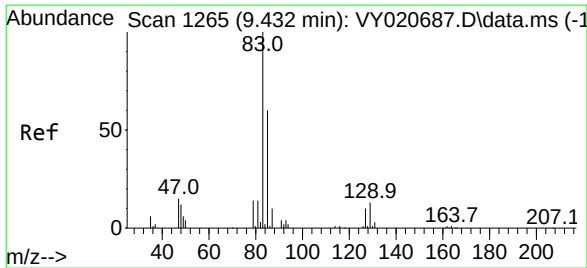


#46
Dibromomethane
Concen: 19.751 ug/l
RT: 9.244 min Scan# 1234
Delta R.T. 0.000 min
Lab File: VY020686.D
Acq: 23 Dec 2024 12:16



Tgt Ion:	93	Resp:	8071
Ion	Ratio	Lower	Upper
93	100		
95	78.6	66.7	100.1
174	106.2	77.8	116.6





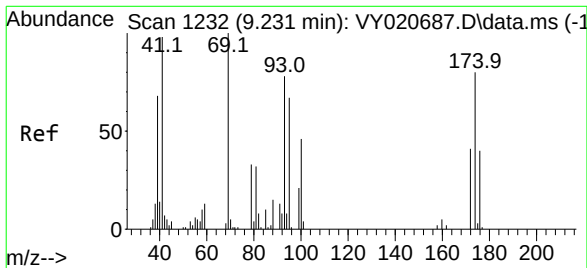
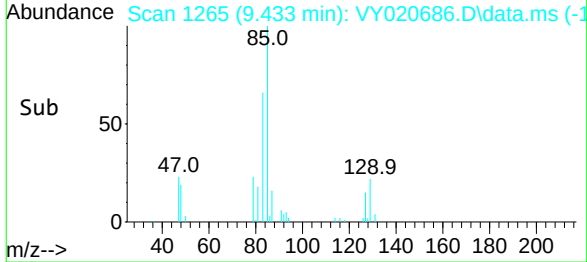
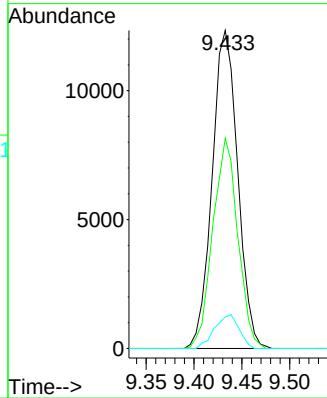
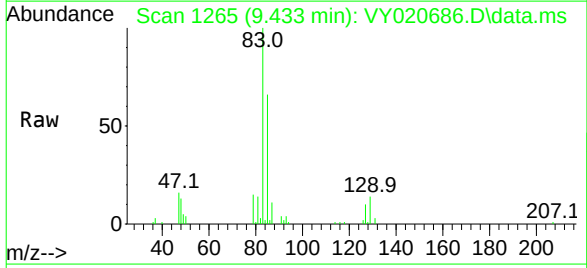
#47
Bromodichloromethane
Concen: 19.773 ug/l
RT: 9.433 min Scan# 1265
Delta R.T. 0.000 min
Lab File: VY020686.D
Acq: 23 Dec 2024 12:16

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.1	52.1	78.1
127	10.0	6.7	10.1

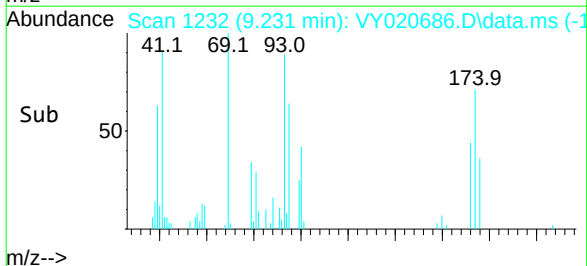
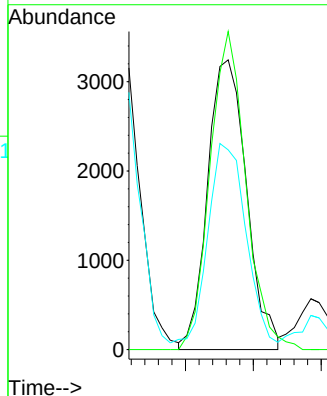
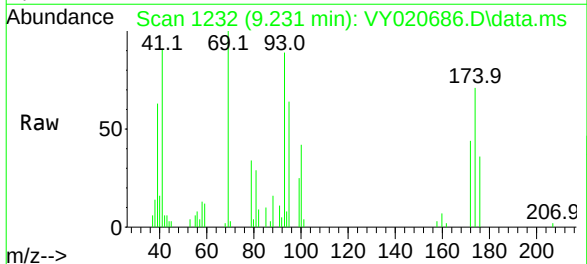
Manual Integrations
APPROVED

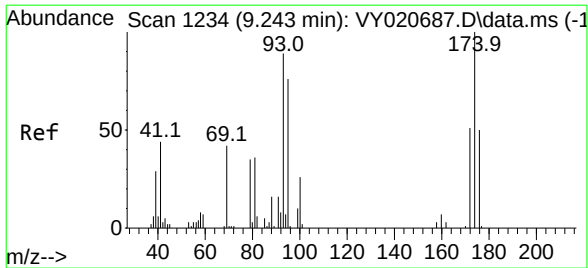
Reviewed By :Semsettin Yesilyurt 12/24/2024
Supervised By :Mahesh Dadoda 12/26/2024



#48
Methyl methacrylate
Concen: 19.258 ug/l
RT: 9.231 min Scan# 1232
Delta R.T. 0.000 min
Lab File: VY020686.D
Acq: 23 Dec 2024 12:16

Tgt Ion	Ratio	Lower	Upper
41	100		
69	101.3	67.2	100.8#
39	67.0	42.2	63.4#





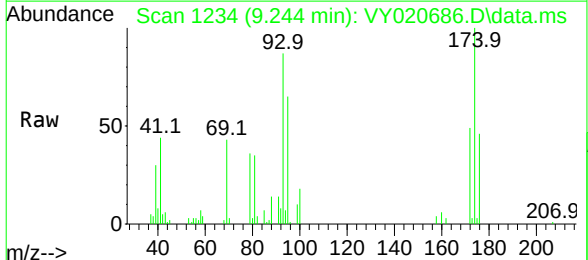
#49
 1,4-Dioxane
 Concen: 357.918 ug/l
 RT: 9.244 min Scan# 1234
 Delta R.T. 0.001 min
 Lab File: VY020686.D
 Acq: 23 Dec 2024 12:16

Instrument :

MSVOA_Y

ClientSampleId :

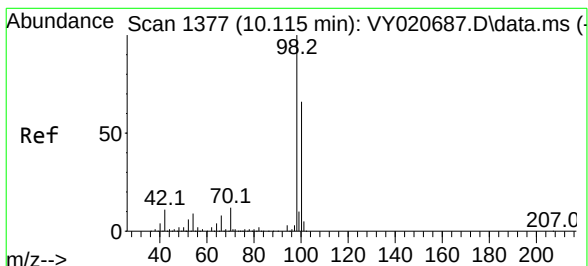
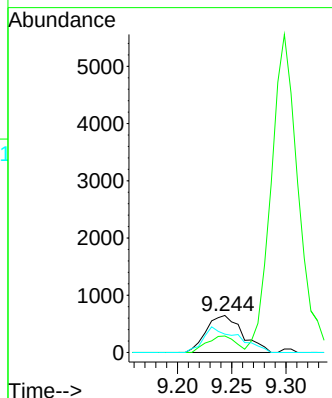
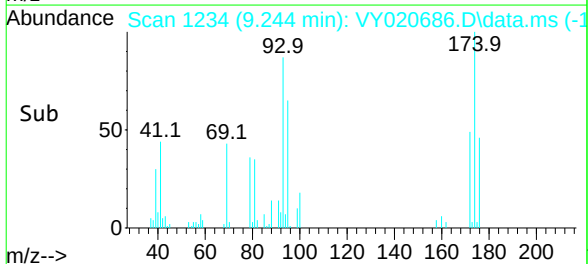
VSTDICC020



Tgt Ion:	88	Resp:	1500
Ion	Ratio	Lower	Upper
88	100		
43	35.4	27.6	41.4
58	66.7	61.7	92.5

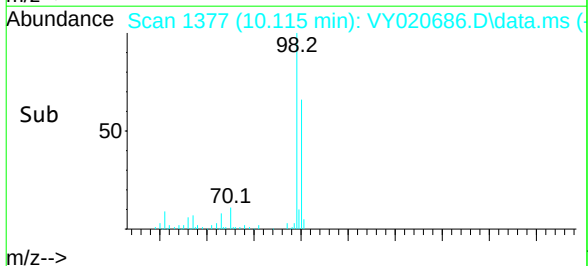
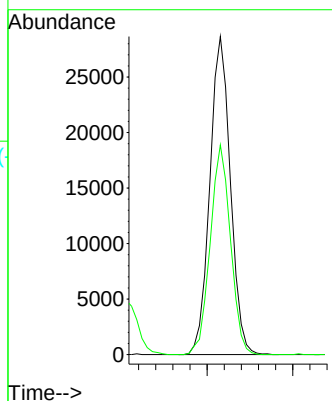
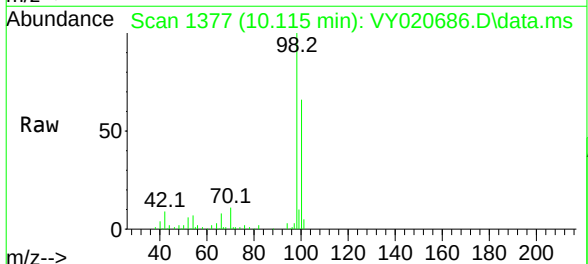
Manual Integrations
 APPROVED

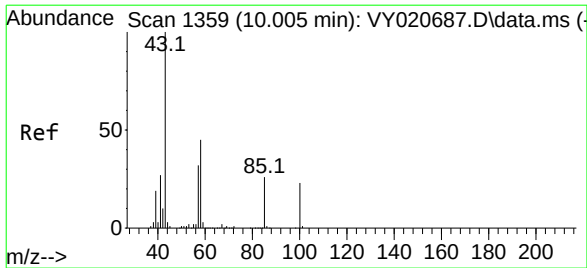
Reviewed By :Semsettin Yesilyurt 12/24/2024
 Supervised By :Mahesh Dadoda 12/26/2024



#50
 Toluene-d8
 Concen: 15.278 ug/l
 RT: 10.115 min Scan# 1377
 Delta R.T. 0.000 min
 Lab File: VY020686.D
 Acq: 23 Dec 2024 12:16

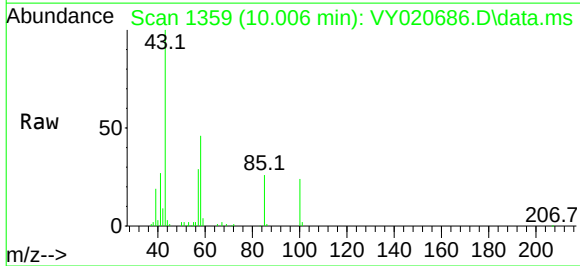
Tgt Ion:	98	Resp:	47674
Ion	Ratio	Lower	Upper
98	100		
100	65.0	52.1	78.1





#51
4-Methyl-2-Pentanone
Concen: 95.570 ug/l
RT: 10.006 min Scan# 1359
Delta R.T. 0.001 min
Lab File: VY020686.D
Acq: 23 Dec 2024 12:16

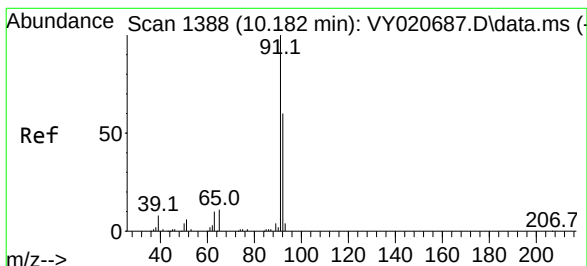
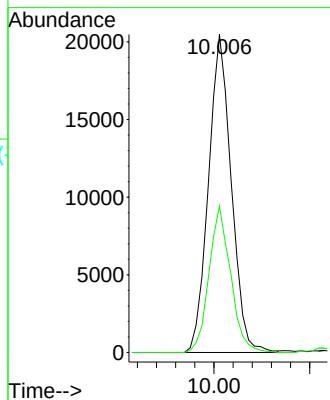
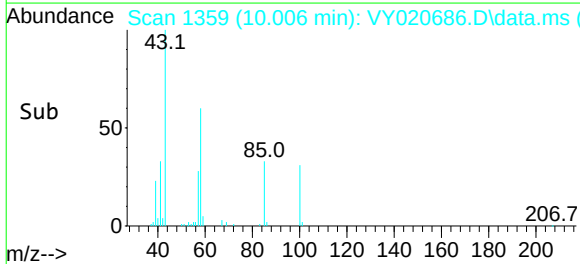
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020



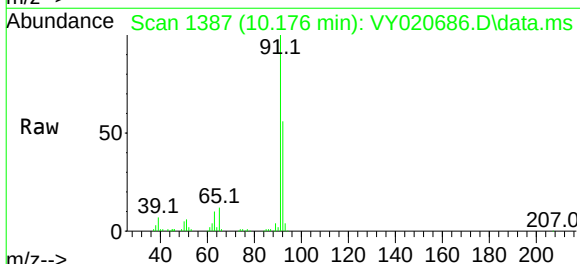
Tgt Ion: 43 Resp: 33865
Ion Ratio Lower Upper
43 100
58 43.6 31.4 47.2

Manual Integrations
APPROVED

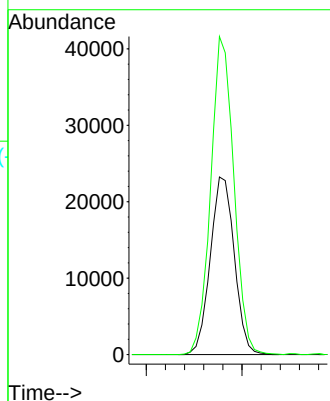
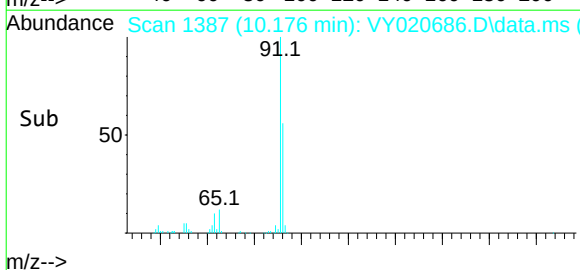
Reviewed By :Semsettin Yesilyurt 12/24/2024
Supervised By :Mahesh Dadoda 12/26/2024

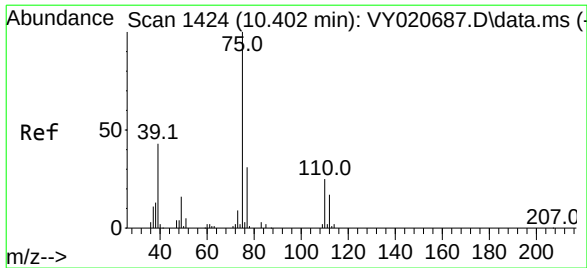


#52
Toluene
Concen: 19.777 ug/l
RT: 10.176 min Scan# 1387
Delta R.T. -0.006 min
Lab File: VY020686.D
Acq: 23 Dec 2024 12:16



Tgt Ion: 92 Resp: 40575
Ion Ratio Lower Upper
92 100
91 172.3 137.4 206.0





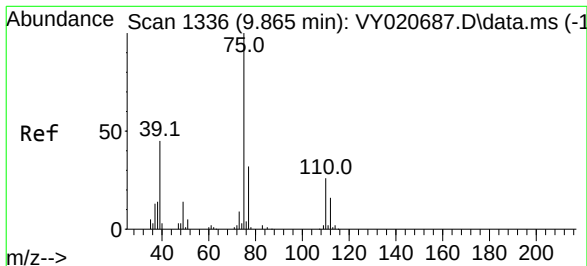
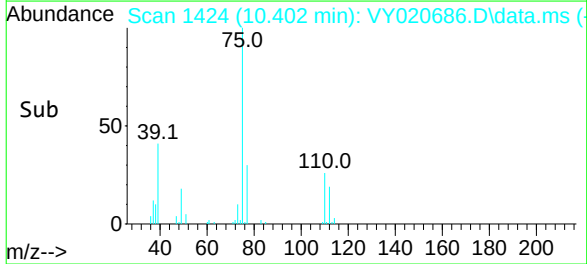
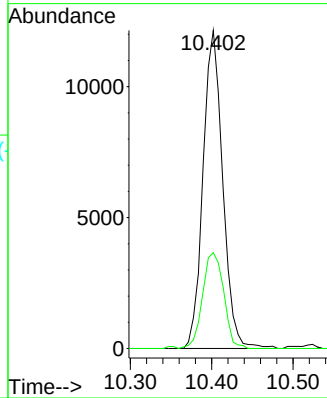
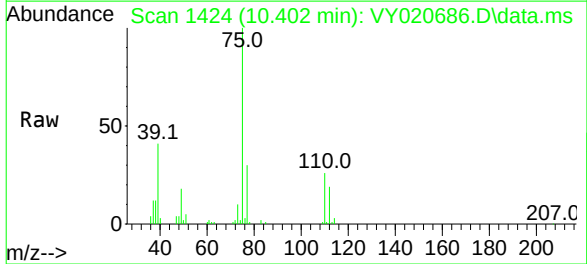
#53
t-1,3-Dichloropropene
Concen: 19.925 ug/l
RT: 10.402 min Scan# 1424
Delta R.T. 0.000 min
Lab File: VY020686.D
Acq: 23 Dec 2024 12:16

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tgt Ion: 75 Resp: 20438
Ion Ratio Lower Upper
75 100
77 30.1 25.4 38.2

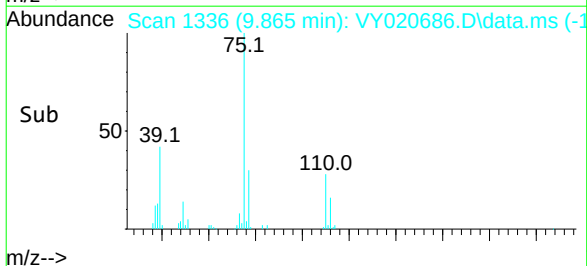
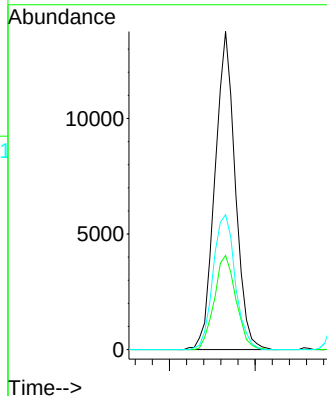
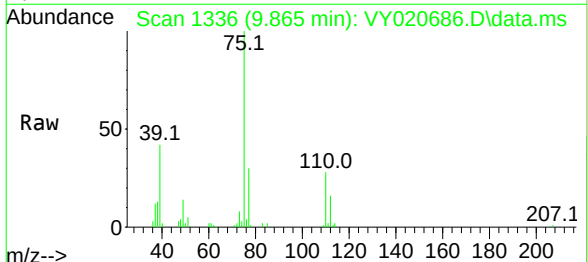
Manual Integrations
APPROVED

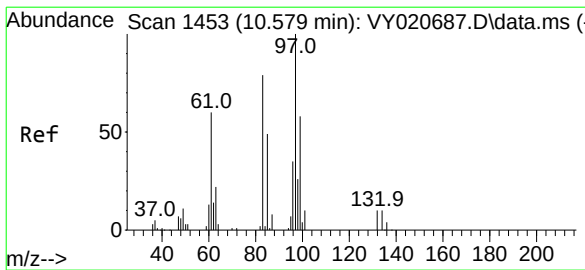
Reviewed By :Semsettin Yesilyurt 12/24/2024
Supervised By :Mahesh Dadoda 12/26/2024



#54
cis-1,3-Dichloropropene
Concen: 19.986 ug/l
RT: 9.865 min Scan# 1336
Delta R.T. 0.000 min
Lab File: VY020686.D
Acq: 23 Dec 2024 12:16

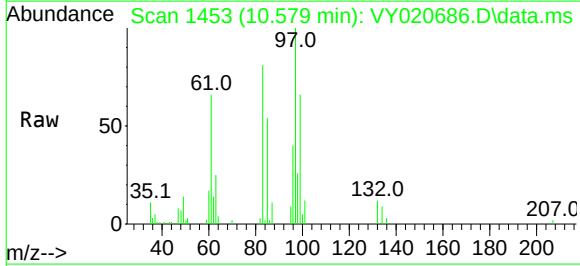
Tgt Ion: 75 Resp: 22589
Ion Ratio Lower Upper
75 100
77 29.6 24.6 36.8
39 42.4 36.4 54.6





#55
1,1,2-Trichloroethane
Concen: 19.493 ug/l
RT: 10.579 min Scan# 1453
Delta R.T. 0.000 min
Lab File: VY020686.D
Acq: 23 Dec 2024 12:16

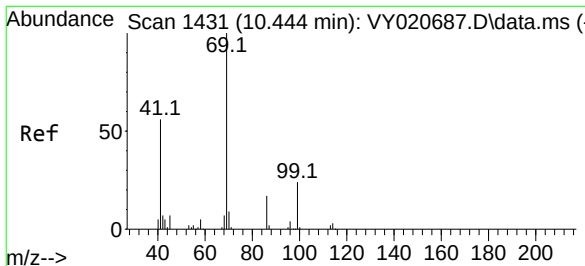
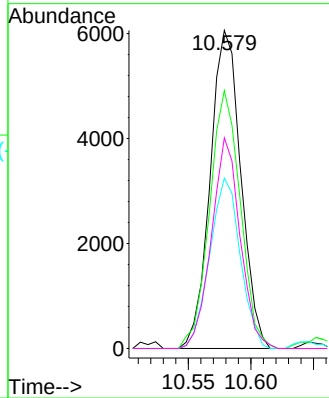
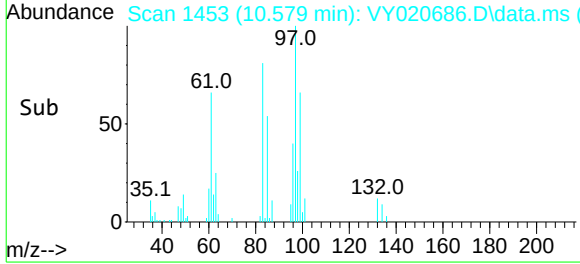
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020



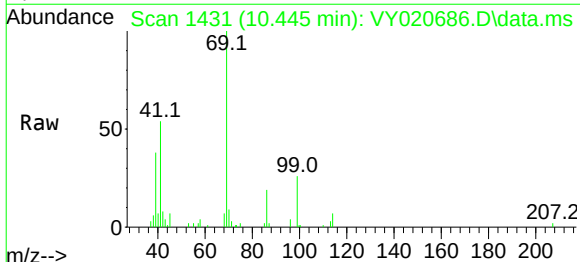
Tgt Ion	Ratio	Lower	Upper
97	100		
83	81.1	70.4	105.6
85	53.6	47.2	70.8
99	66.2	50.0	75.0

Manual Integrations
APPROVED

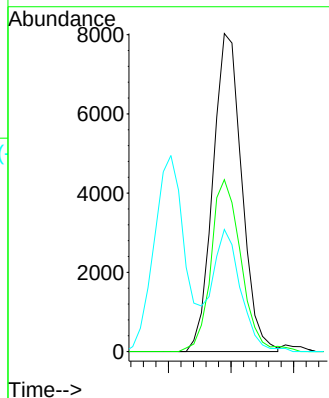
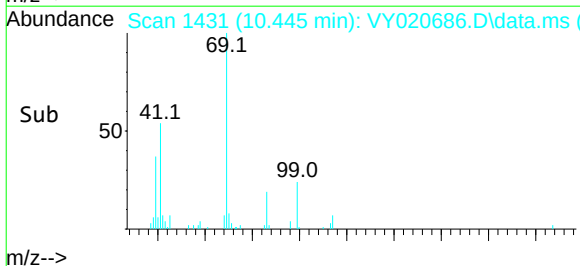
Reviewed By :Semsettin Yesilyurt 12/24/2024
Supervised By :Mahesh Dadoda 12/26/2024

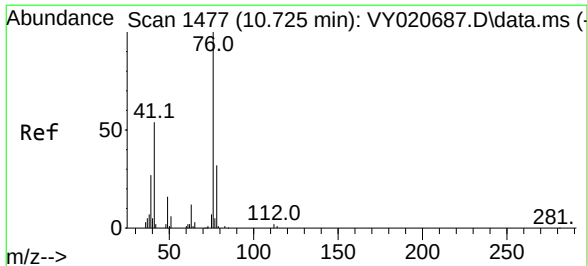


#56
Ethyl methacrylate
Concen: 19.067 ug/l
RT: 10.445 min Scan# 1431
Delta R.T. 0.000 min
Lab File: VY020686.D
Acq: 23 Dec 2024 12:16



Tgt Ion	Ratio	Lower	Upper
69	100		
41	56.2	54.0	81.0
39	36.9	27.9	41.9





#57

1,3-Dichloropropane

Concen: 19.692 ug/l

RT: 10.725 min Scan# 1477

Delta R.T. 0.000 min

Lab File: VY020686.D

Acq: 23 Dec 2024 12:16

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

Tgt Ion: 76 Resp: 17032

Ion Ratio Lower Upper

76 100

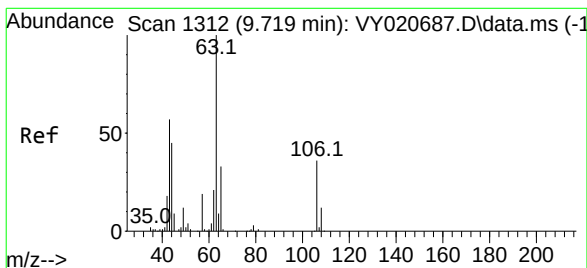
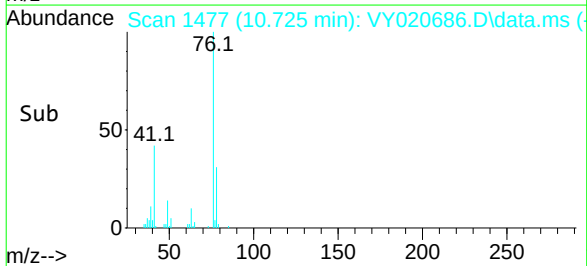
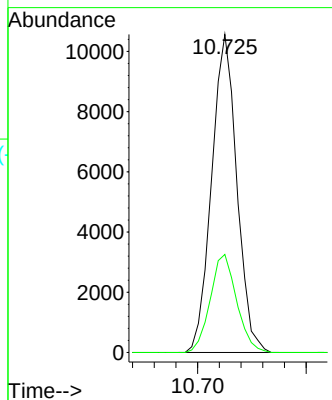
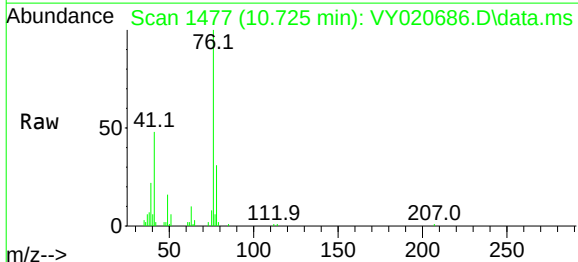
78 32.3 25.8 38.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/24/2024

Supervised By :Mahesh Dadoda 12/26/2024



#58

2-Chloroethyl Vinyl ether

Concen: 94.571 ug/l

RT: 9.719 min Scan# 1312

Delta R.T. 0.000 min

Lab File: VY020686.D

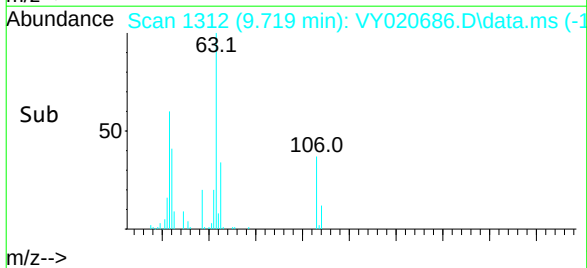
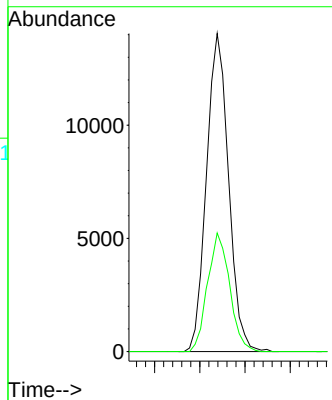
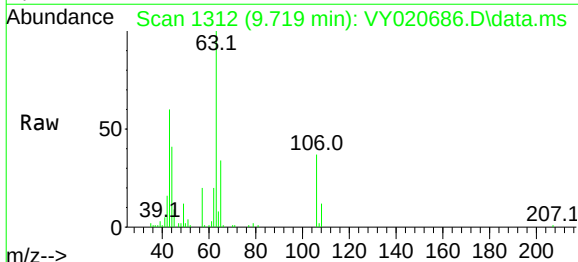
Acq: 23 Dec 2024 12:16

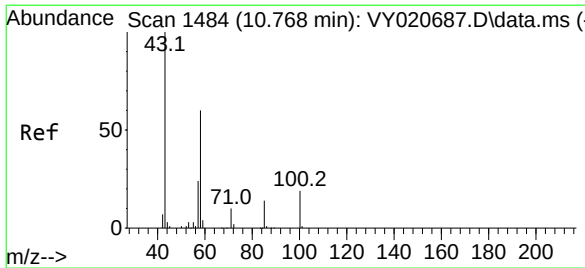
Tgt Ion: 63 Resp: 23853

Ion Ratio Lower Upper

63 100

106 37.3 21.5 32.3





#59

2-Hexanone

Concen: 95.158 ug/l

RT: 10.768 min Scan# 1484

Delta R.T. 0.000 min

Lab File: VY020686.D

Acq: 23 Dec 2024 12:16

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

Tgt Ion: 43 Resp: 21478

Ion Ratio Lower Upper

43 100

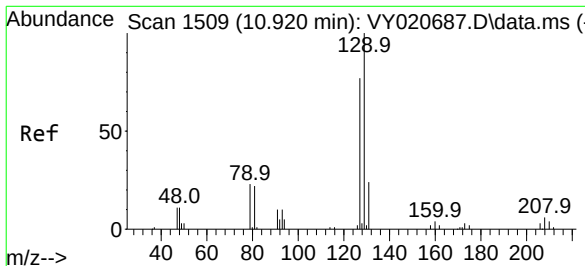
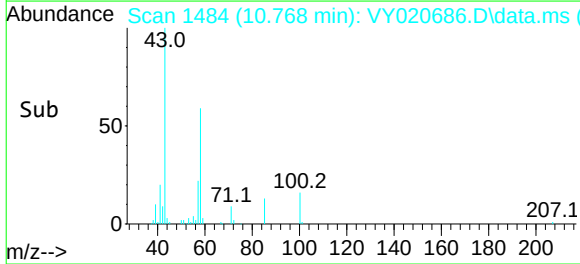
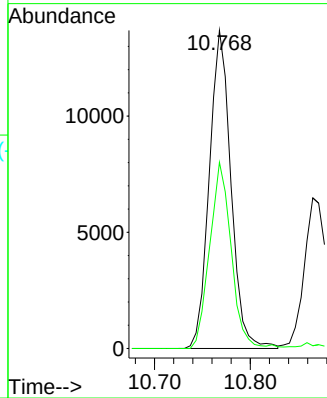
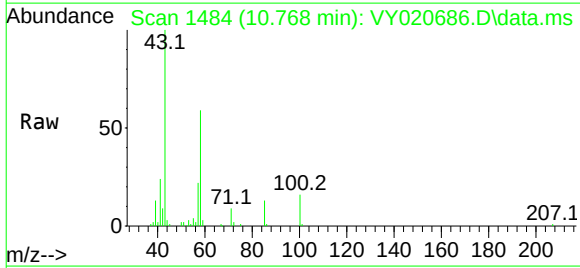
58 58.5 27.2 81.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/24/2024

Supervised By :Mahesh Dadoda 12/26/2024



#60

Dibromochloromethane

Concen: 19.880 ug/l

RT: 10.920 min Scan# 1509

Delta R.T. 0.000 min

Lab File: VY020686.D

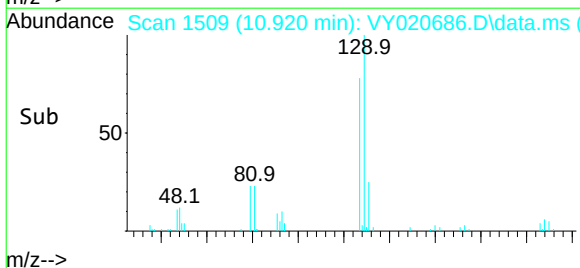
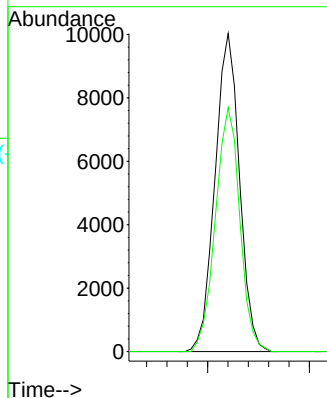
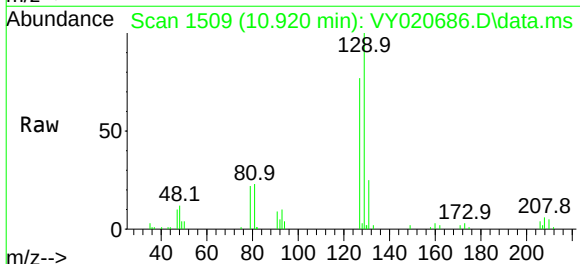
Acq: 23 Dec 2024 12:16

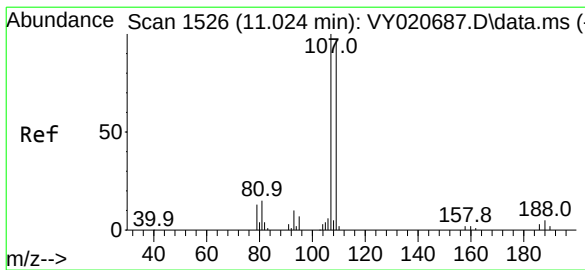
Tgt Ion:129 Resp: 16794

Ion Ratio Lower Upper

129 100

127 76.5 38.1 114.3





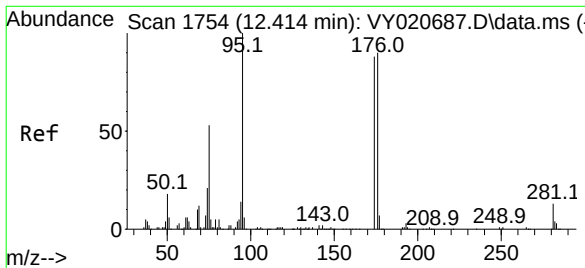
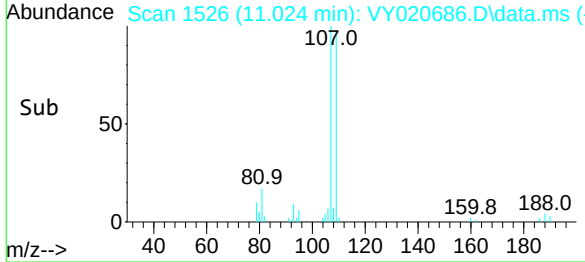
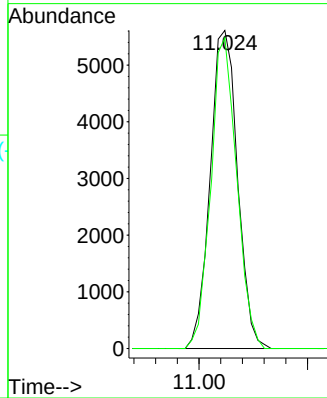
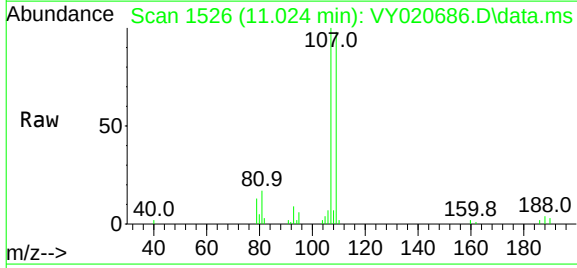
#61
1,2-Dibromoethane
Concen: 19.777 ug/l
RT: 11.024 min Scan# 1526
Delta R.T. 0.000 min
Lab File: VY020686.D
Acq: 23 Dec 2024 12:16

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion: 107 Resp: 9810
Ion Ratio Lower Upper
107 100
109 92.8 75.4 113.2

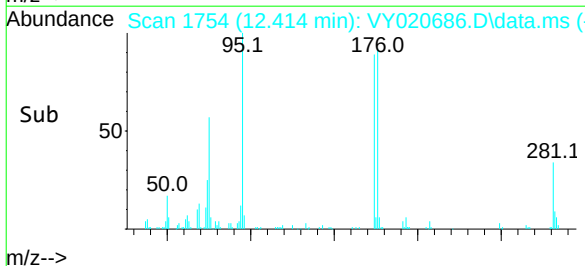
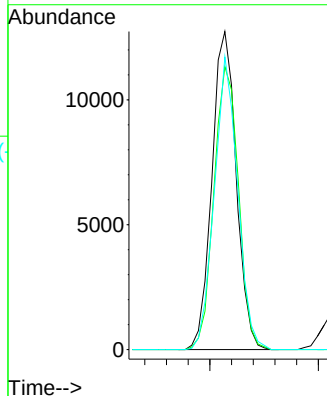
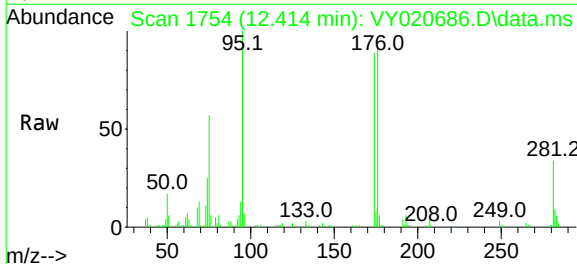
Manual Integrations
APPROVED

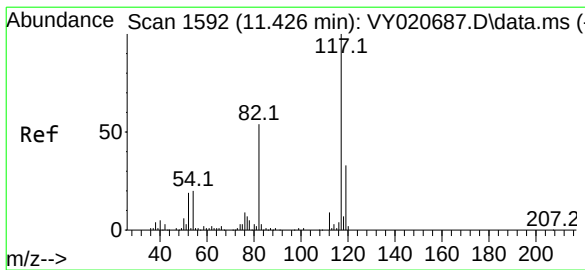
Reviewed By : Semsettin Yesilyurt 12/24/2024
Supervised By : Mahesh Dadoda 12/26/2024



#62
4-Bromofluorobenzene
Concen: 17.457 ug/l
RT: 12.414 min Scan# 1754
Delta R.T. -0.000 min
Lab File: VY020686.D
Acq: 23 Dec 2024 12:16

Tgt Ion: 95 Resp: 19827
Ion Ratio Lower Upper
95 100
174 89.6 0.0 161.8
176 88.0 0.0 156.6





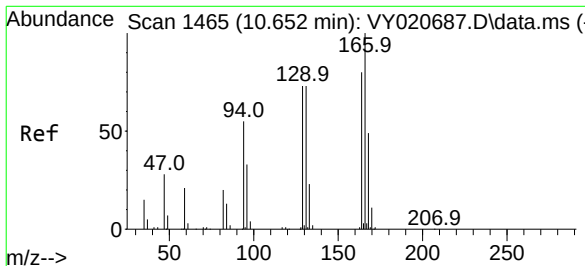
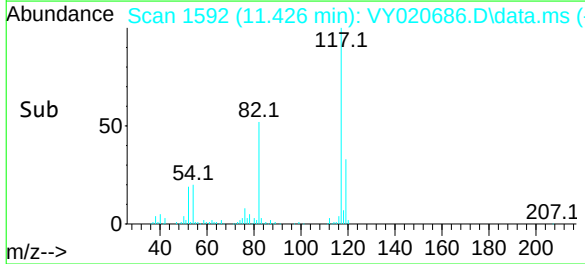
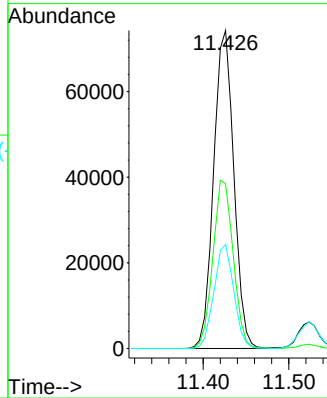
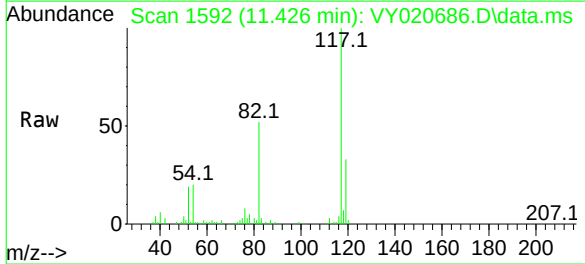
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.426 min Scan# 1592
Delta R.T. 0.000 min
Lab File: VY020686.D
Acq: 23 Dec 2024 12:16

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion:	117	Resp:	121625
Ion	Ratio	Lower	Upper
117	100		
82	51.7	45.8	68.6
119	32.7	25.3	37.9

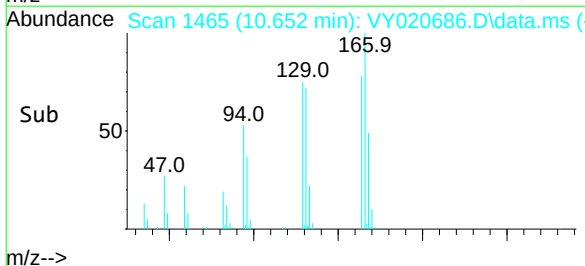
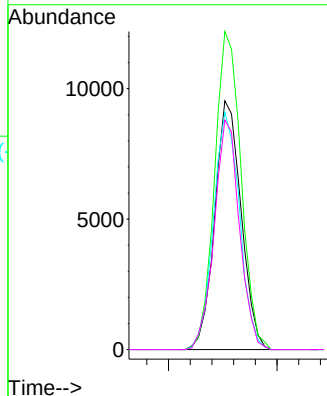
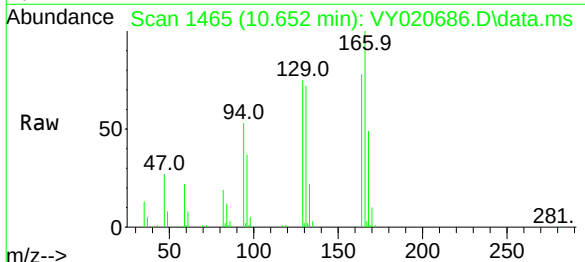
Manual Integrations
APPROVED

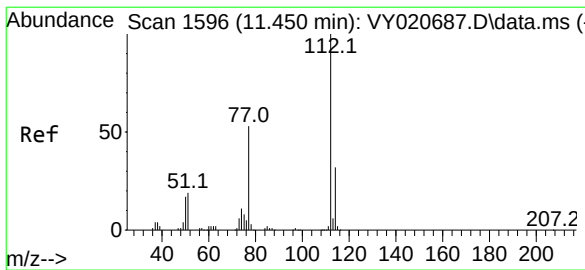
Reviewed By :Semsettin Yesilyurt 12/24/2024
Supervised By :Mahesh Dadoda 12/26/2024



#64
Tetrachloroethene
Concen: 19.955 ug/l
RT: 10.652 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VY020686.D
Acq: 23 Dec 2024 12:16

Tgt Ion:	164	Resp:	16119
Ion	Ratio	Lower	Upper
164	100		
166	127.9	97.9	146.9
129	95.4	73.4	110.0
131	92.3	70.6	106.0





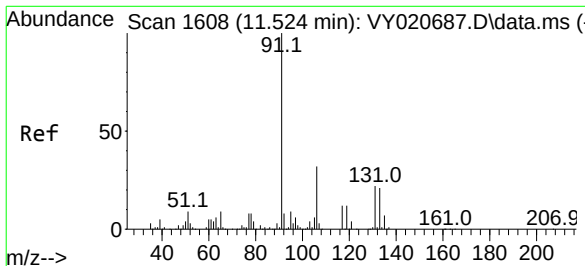
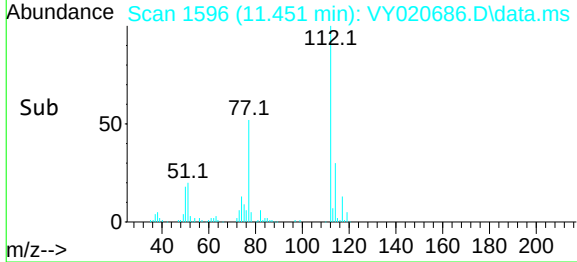
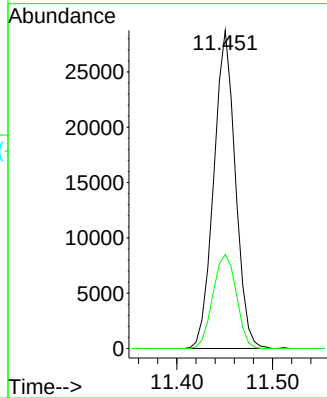
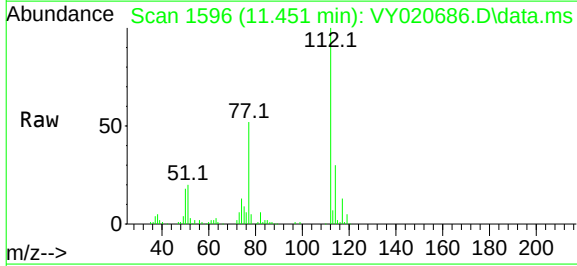
#65
Chlorobenzene
Concen: 19.775 ug/l
RT: 11.451 min Scan# 1596
Delta R.T. 0.000 min
Lab File: VY020686.D
Acq: 23 Dec 2024 12:16

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion:112 Resp: 44944
Ion Ratio Lower Upper
112 100
114 29.5 26.0 39.0

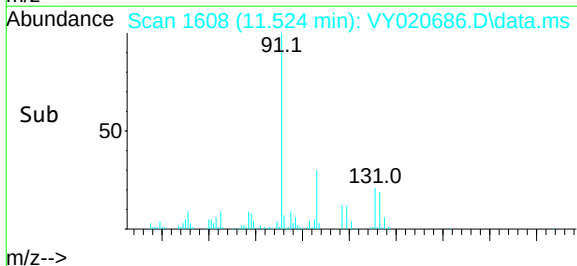
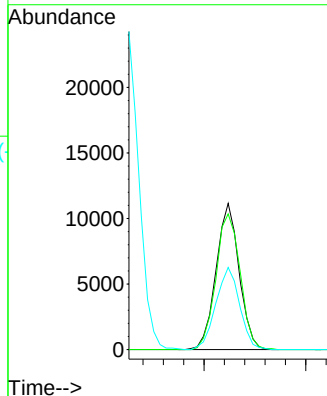
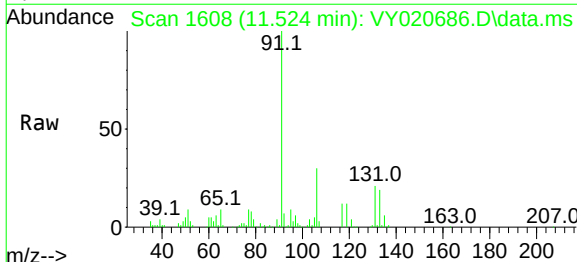
Manual Integrations
APPROVED

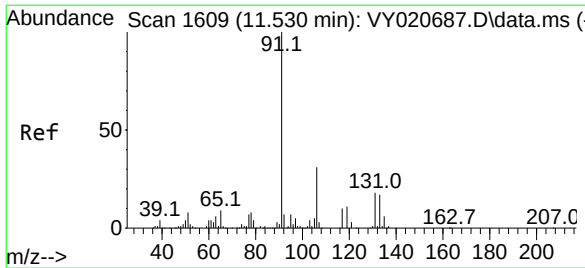
Reviewed By :Semsettin Yesilyurt 12/24/2024
Supervised By :Mahesh Dadoda 12/26/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 19.757 ug/l
RT: 11.524 min Scan# 1608
Delta R.T. 0.000 min
Lab File: VY020686.D
Acq: 23 Dec 2024 12:16

Tgt Ion:131 Resp: 17535
Ion Ratio Lower Upper
131 100
133 97.5 46.8 140.3
119 58.0 31.8 95.3





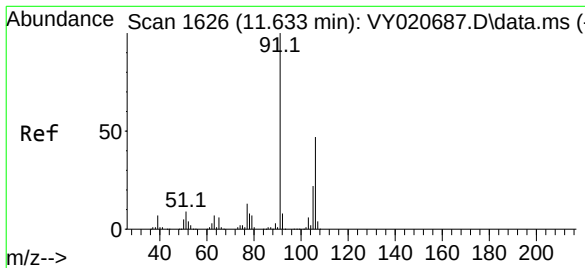
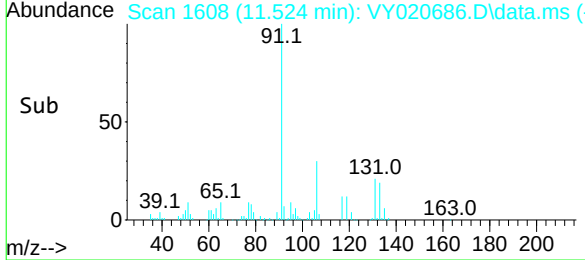
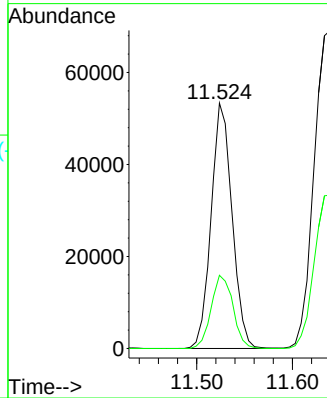
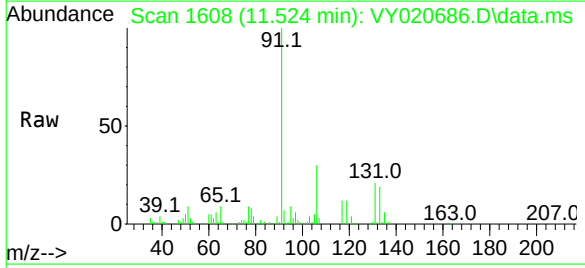
#67
Ethyl Benzene
Concen: 19.902 ug/l
RT: 11.524 min Scan# 1615
Delta R.T. -0.006 min
Lab File: VY020686.D
Acq: 23 Dec 2024 12:16

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion: 91 Resp: 81152
Ion Ratio Lower Upper
91 100
106 29.8 23.9 35.9

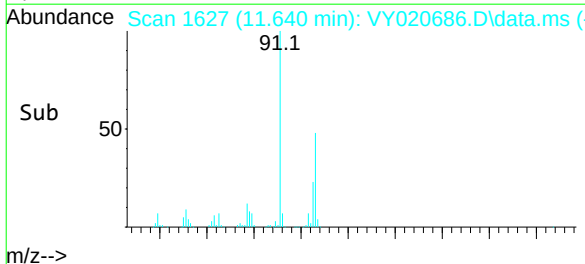
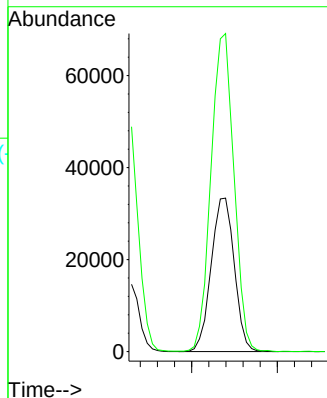
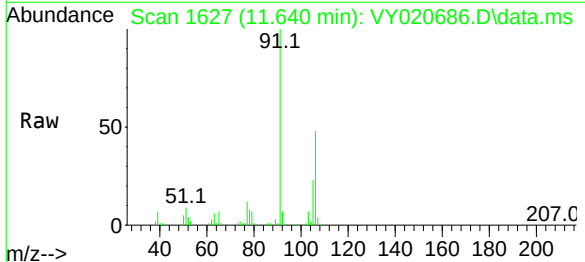
Manual Integrations
APPROVED

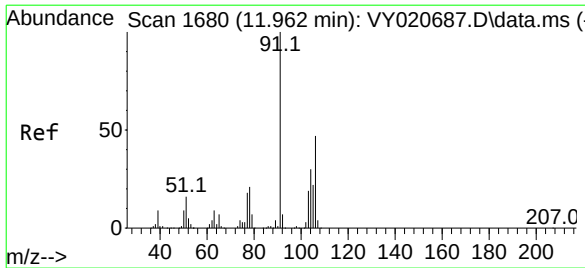
Reviewed By :Semsettin Yesilyurt 12/24/2024
Supervised By :Mahesh Dadoda 12/26/2024



#68
m/p-Xylenes
Concen: 40.273 ug/l
RT: 11.640 min Scan# 1627
Delta R.T. 0.006 min
Lab File: VY020686.D
Acq: 23 Dec 2024 12:16

Tgt Ion:106 Resp: 62622
Ion Ratio Lower Upper
106 100
91 205.8 165.0 247.4





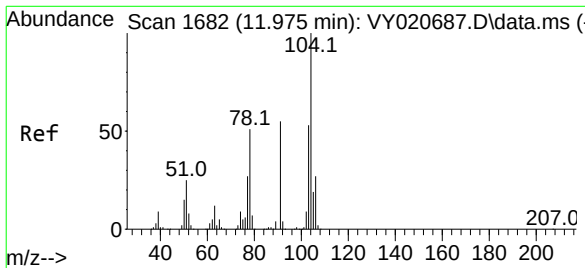
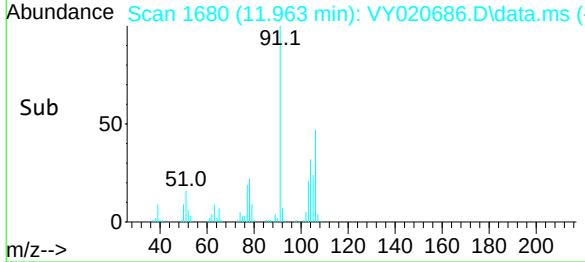
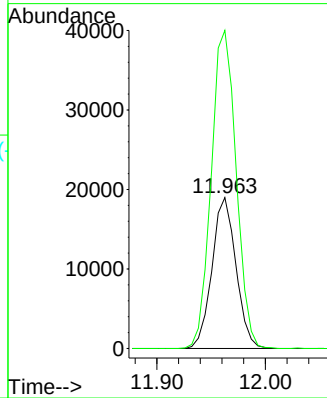
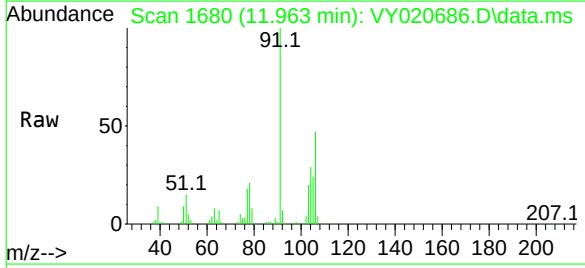
#69
o-Xylene
Concen: 19.954 ug/l
RT: 11.963 min Scan# 1680
Delta R.T. 0.000 min
Lab File: VY020686.D
Acq: 23 Dec 2024 12:16

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion:106 Resp: 29146
Ion Ratio Lower Upper
106 100
91 218.9 108.4 325.2

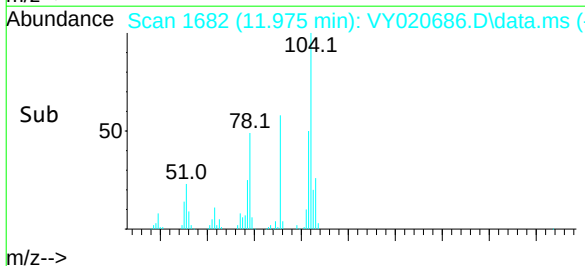
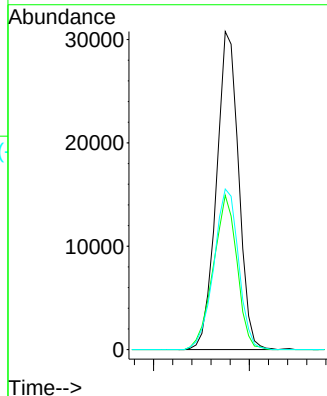
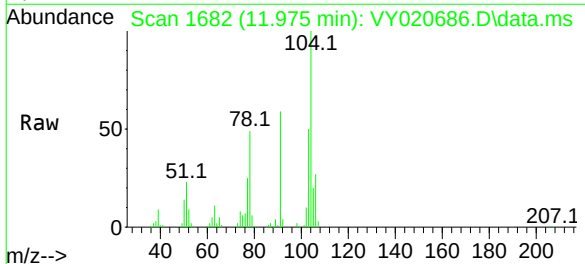
Manual Integrations
APPROVED

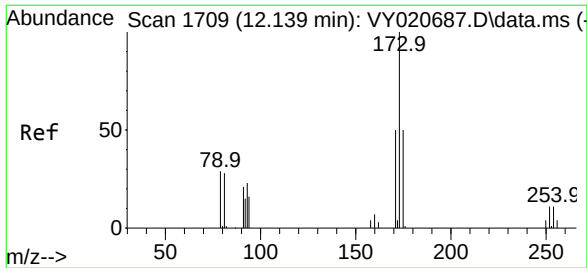
Reviewed By :Semsettin Yesilyurt 12/24/2024
Supervised By :Mahesh Dadoda 12/26/2024



#70
Styrene
Concen: 20.194 ug/l
RT: 11.975 min Scan# 1682
Delta R.T. 0.000 min
Lab File: VY020686.D
Acq: 23 Dec 2024 12:16

Tgt Ion:104 Resp: 49613
Ion Ratio Lower Upper
104 100
78 51.8 41.6 62.4
103 56.1 43.7 65.5





#71

Bromoform

Concen: 19.860 ug/l

RT: 12.139 min Scan# 1709

Delta R.T. 0.000 min

Lab File: VY020686.D

Acq: 23 Dec 2024 12:16

Instrument :

MSVOA_Y

ClientSampleId :

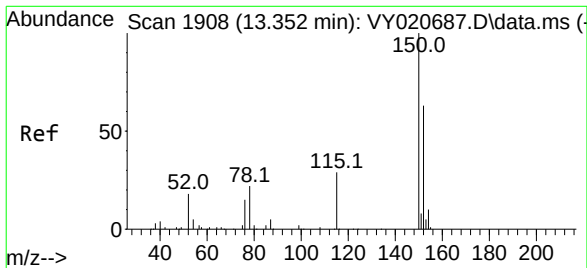
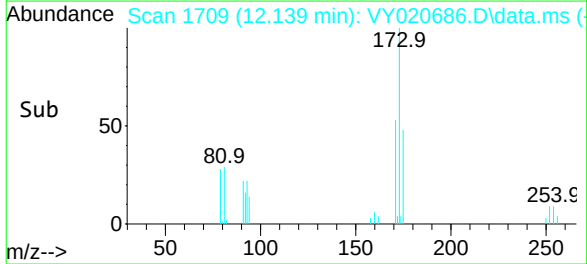
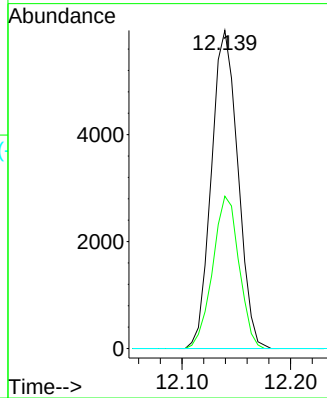
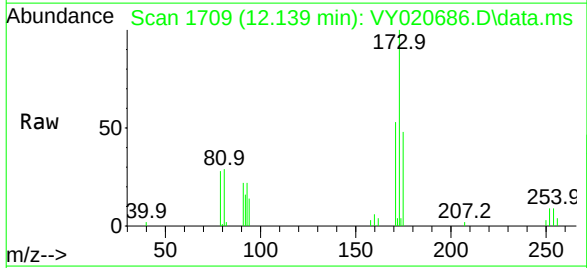
VSTDIC020

Tgt Ion:	173	Resp:	10096
Ion Ratio	Lower	Upper	
173	100		
175	47.6	24.6	74.0
254	0.0	0.0	0.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/24/2024
Supervised By :Mahesh Dadoda 12/26/2024



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

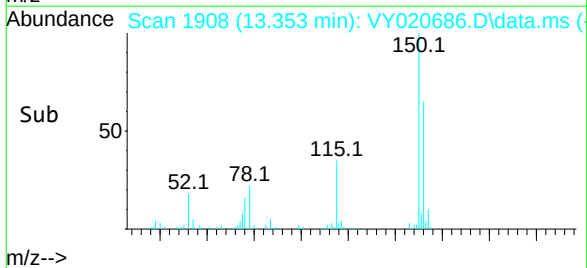
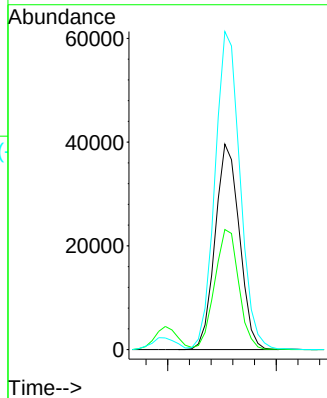
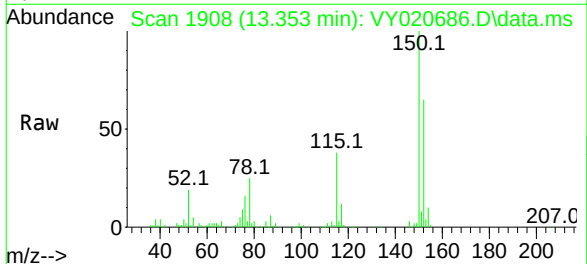
RT: 13.353 min Scan# 1908

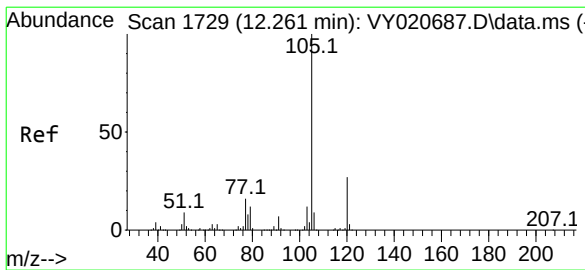
Delta R.T. 0.000 min

Lab File: VY020686.D

Acq: 23 Dec 2024 12:16

Tgt Ion:	152	Resp:	61580
Ion Ratio	Lower	Upper	
152	100		
115	58.2	30.2	90.6
150	160.1	0.0	355.4





#73

Isopropylbenzene

Concen: 19.832 ug/l

RT: 12.261 min Scan# 1729

Delta R.T. 0.000 min

Lab File: VY020686.D

Acq: 23 Dec 2024 12:16

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

Tgt Ion: 105 Resp: 83068

Ion Ratio Lower Upper

105 100

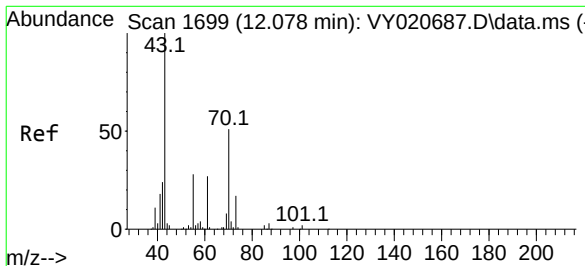
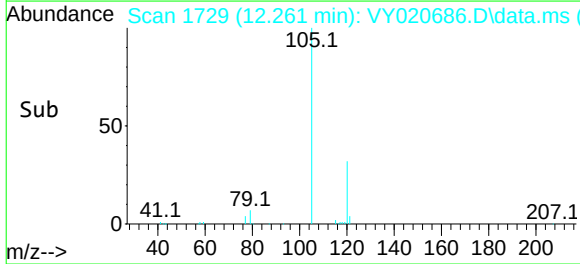
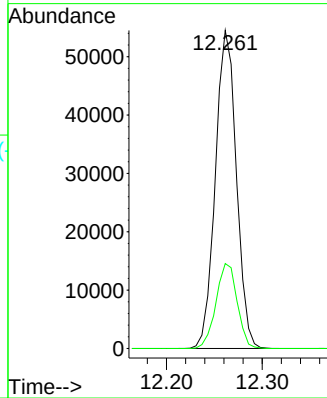
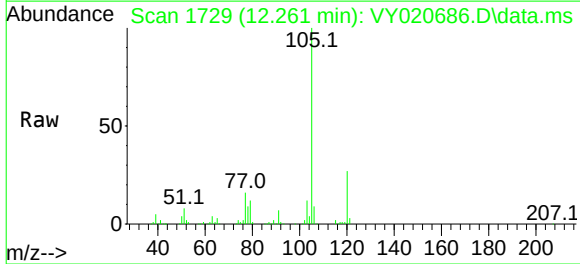
120 26.9 13.1 39.1

Manual Integrations

APPROVED

Reviewed By : Semsettin Yesilyurt 12/24/2024

Supervised By : Mahesh Dadoda 12/26/2024



#74

N-ethyl acetate

Concen: 18.802 ug/l

RT: 12.078 min Scan# 1699

Delta R.T. 0.000 min

Lab File: VY020686.D

Acq: 23 Dec 2024 12:16

Tgt Ion: 43 Resp: 11066

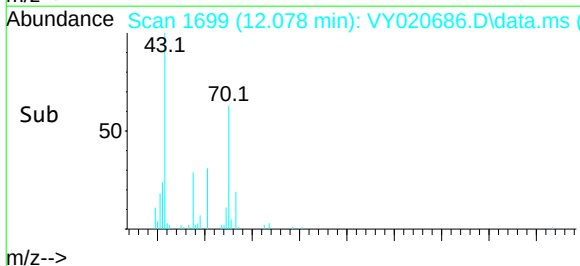
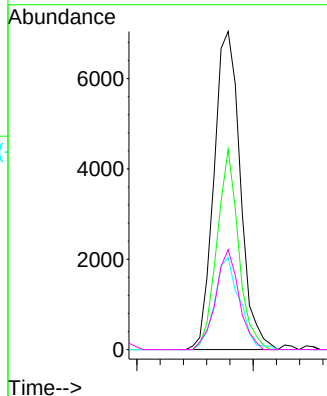
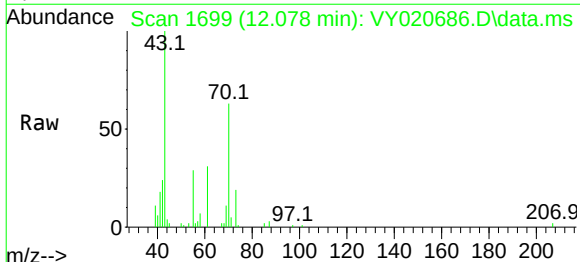
Ion Ratio Lower Upper

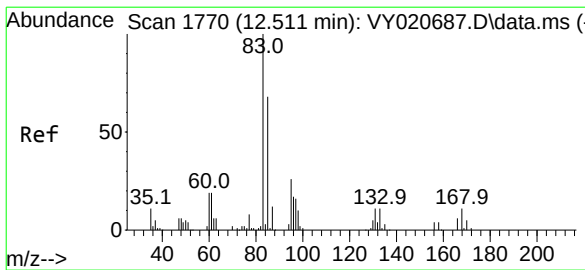
43 100

70 51.7 34.2 51.2#

55 27.6 19.6 29.4

61 28.1 19.4 29.0





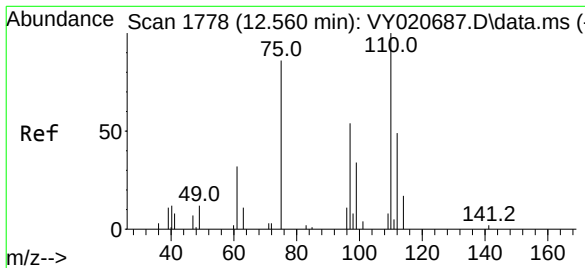
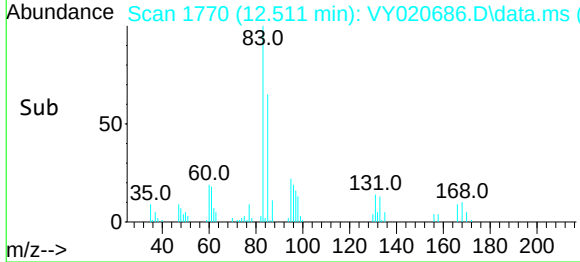
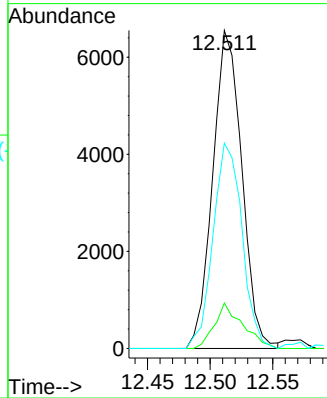
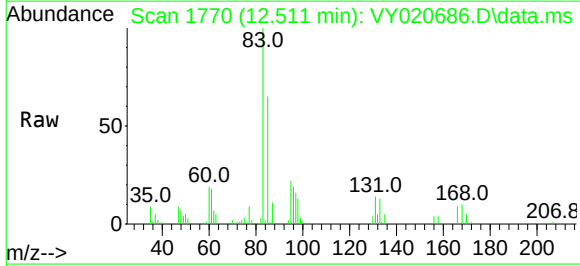
#75
1,1,2,2-Tetrachloroethane
Concen: 19.634 ug/l
RT: 12.511 min Scan# 1770
Delta R.T. 0.000 min
Lab File: VY020686.D
Acq: 23 Dec 2024 12:16

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tgt Ion:	83	Resp:	10583
Ion	Ratio	Lower	Upper
83	100		
131	13.8	5.2	15.6
85	64.3	32.5	97.4

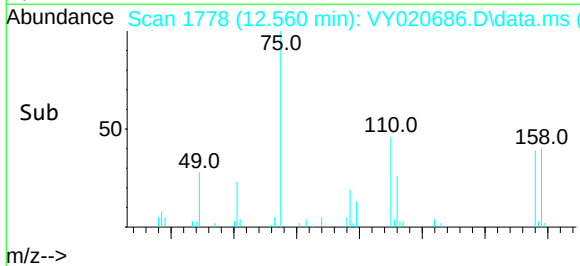
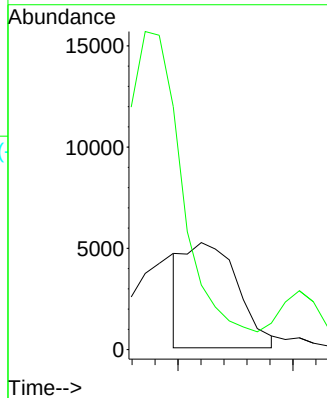
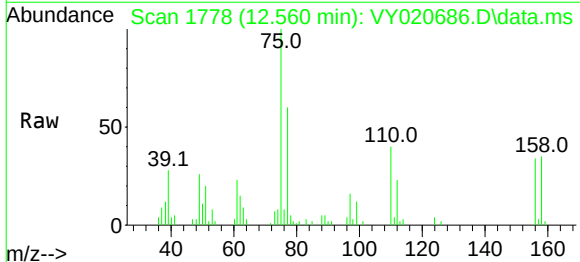
Manual Integrations
APPROVED

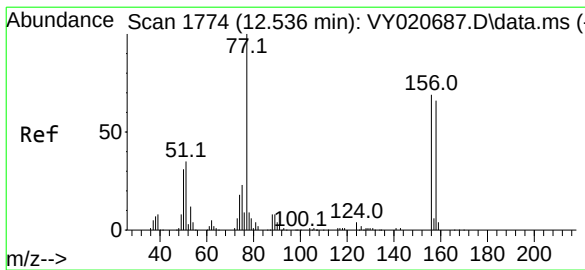
Reviewed By :Semsettin Yesilyurt 12/24/2024
Supervised By :Mahesh Dadoda 12/26/2024



#76
1,2,3-Trichloropropane
Concen: 20.817 ug/l m
RT: 12.560 min Scan# 1778
Delta R.T. 0.000 min
Lab File: VY020686.D
Acq: 23 Dec 2024 12:16

Tgt Ion:	75	Resp:	8402
Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 19.425 ug/l

RT: 12.536 min Scan# 1774

Delta R.T. 0.000 min

Lab File: VY020686.D

Acq: 23 Dec 2024 12:16

Instrument :

MSVOA_Y

ClientSampleId :

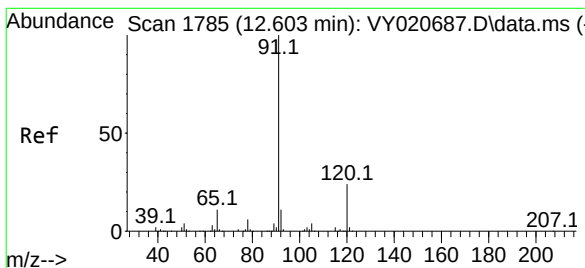
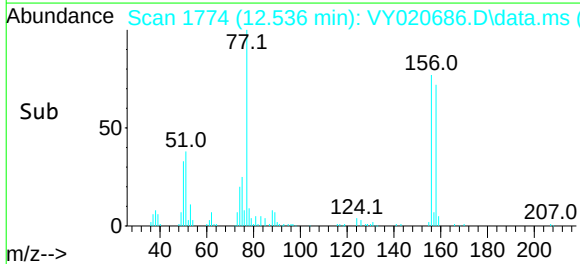
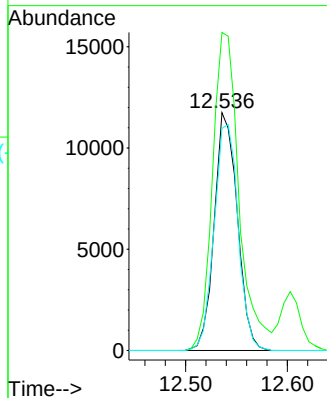
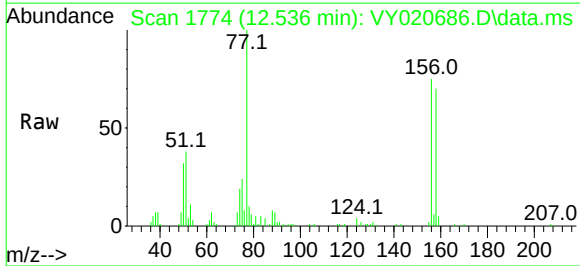
VSTDICC020

Tgt	Ion:	156	Resp:	18528
Ion	Ratio	Lower	Upper	
156	100			
77	154.0	94.2	282.4	
158	98.9	48.9	146.6	

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/24/2024
Supervised By :Mahesh Dadoda 12/26/2024



#78

n-propylbenzene

Concen: 19.749 ug/l

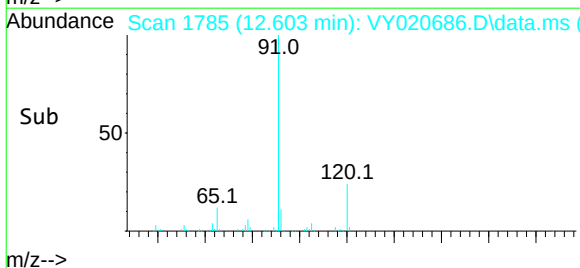
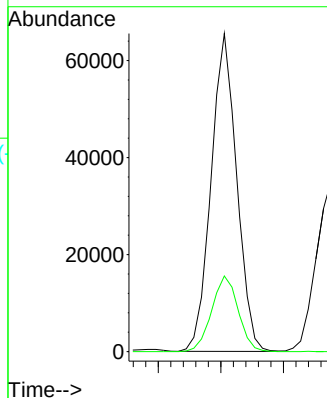
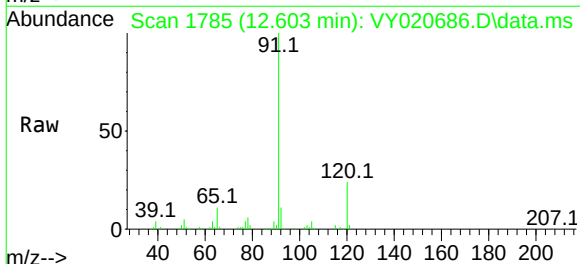
RT: 12.603 min Scan# 1785

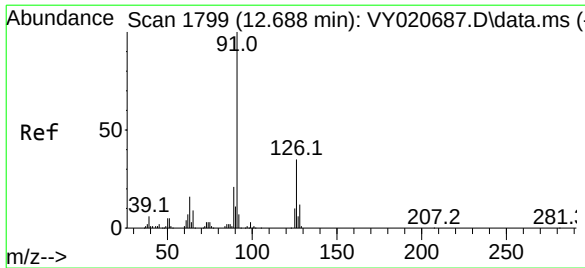
Delta R.T. 0.000 min

Lab File: VY020686.D

Acq: 23 Dec 2024 12:16

Tgt	Ion:	91	Resp:	93262
Ion	Ratio	Lower	Upper	
91	100			
120	24.5	11.1	33.1	





#79

2-Chlorotoluene

Concen: 19.875 ug/l

RT: 12.688 min Scan# 1799

Delta R.T. 0.000 min

Lab File: VY020686.D

Acq: 23 Dec 2024 12:16

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

Tgt Ion: 91 Resp: 53431

Ion Ratio Lower Upper

91 100

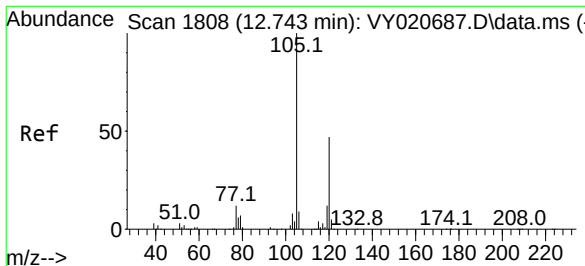
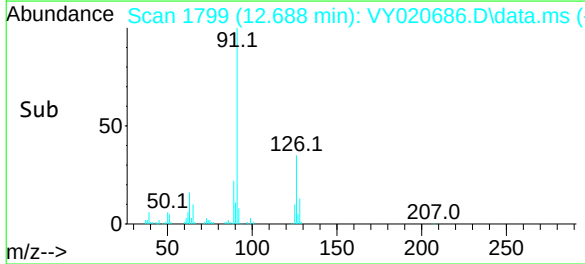
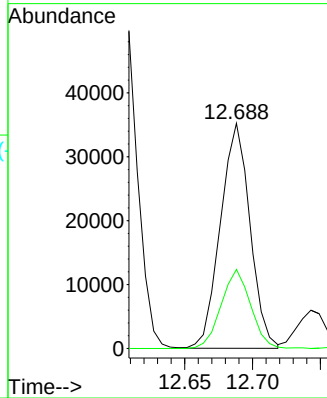
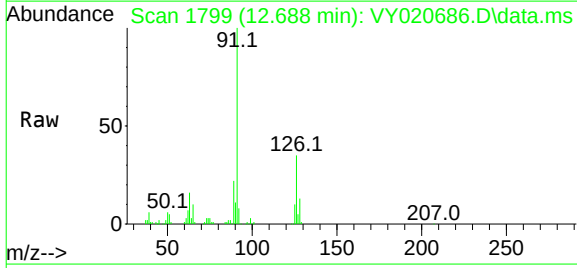
126 34.9 16.6 49.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/24/2024

Supervised By :Mahesh Dadoda 12/26/2024



#80

1,3,5-Trimethylbenzene

Concen: 19.953 ug/l

RT: 12.743 min Scan# 1808

Delta R.T. 0.000 min

Lab File: VY020686.D

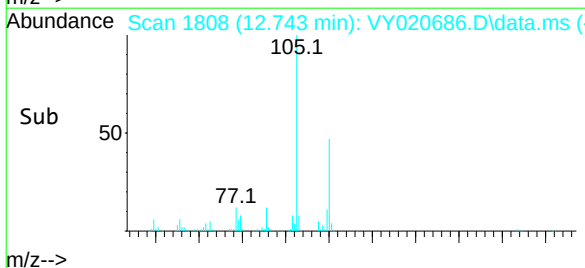
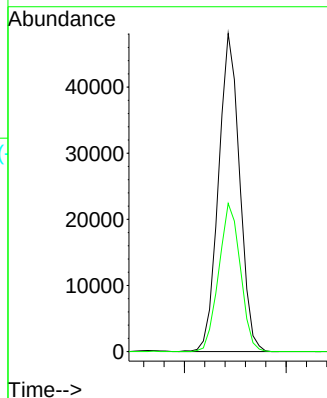
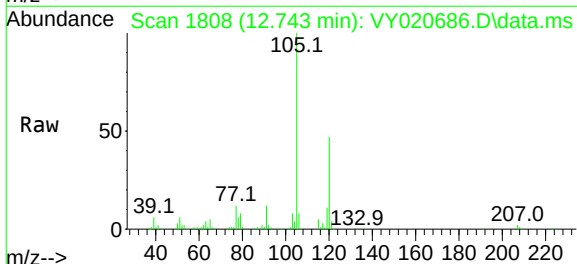
Acq: 23 Dec 2024 12:16

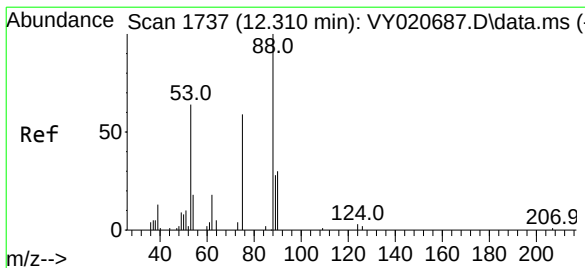
Tgt Ion:105 Resp: 69321

Ion Ratio Lower Upper

105 100

120 47.7 23.9 71.7





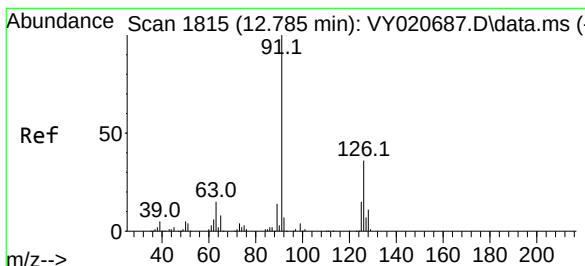
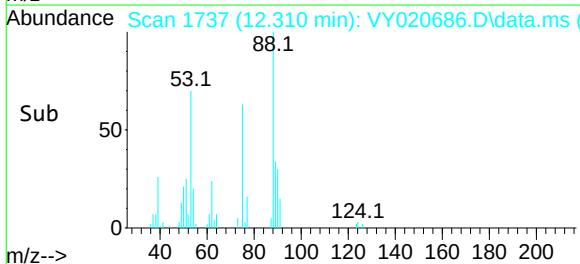
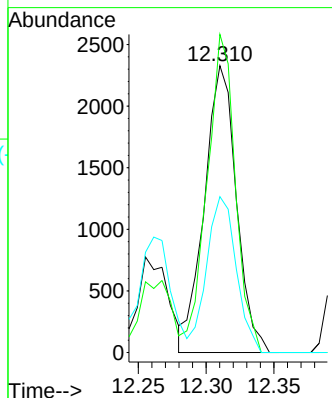
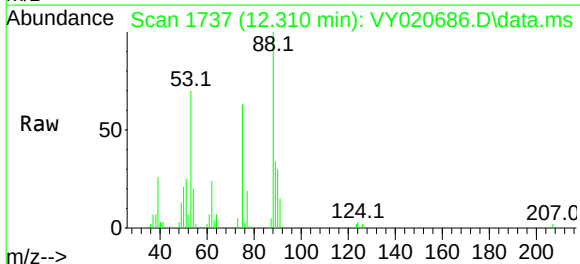
#81
trans-1,4-Dichloro-2-butene
Concen: 19.584 ug/l
RT: 12.310 min Scan# 1737
Delta R.T. 0.000 min
Lab File: VY020686.D
Acq: 23 Dec 2024 12:16

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion	Ratio	Lower	Upper
75	100		
53	98.4	75.4	113.2
89	50.2	37.0	55.4

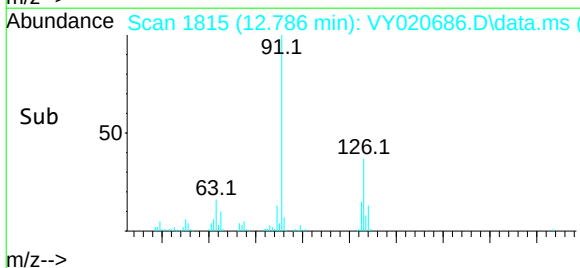
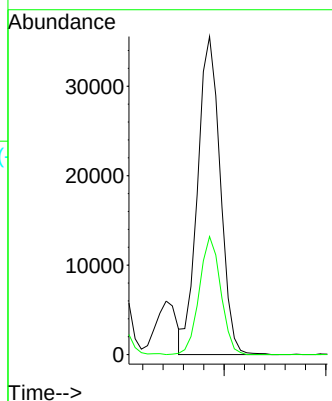
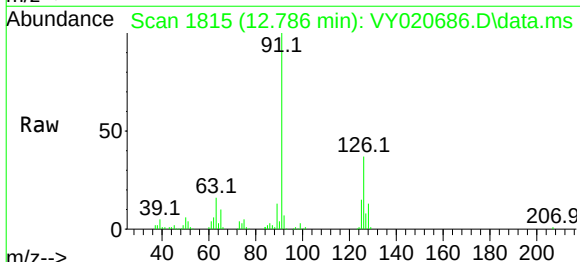
Manual Integrations
APPROVED

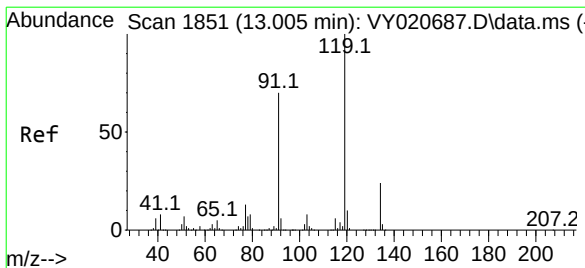
Reviewed By :Semsettin Yesilyurt 12/24/2024
Supervised By :Mahesh Dadoda 12/26/2024



#82
4-Chlorotoluene
Concen: 20.050 ug/l
RT: 12.786 min Scan# 1815
Delta R.T. 0.000 min
Lab File: VY020686.D
Acq: 23 Dec 2024 12:16

Tgt Ion	Ratio	Lower	Upper
91	100		
126	35.2	16.6	49.7





#83

tert-Butylbenzene

Concen: 19.870 ug/l

RT: 13.005 min Scan# 1851

Delta R.T. 0.000 min

Lab File: VY020686.D

Acq: 23 Dec 2024 12:16

Instrument :

MSVOA_Y

ClientSampleId :

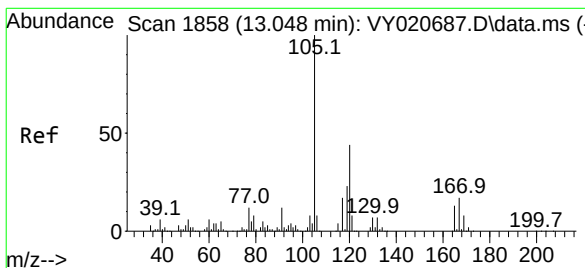
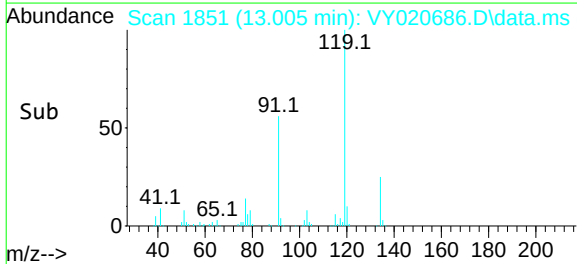
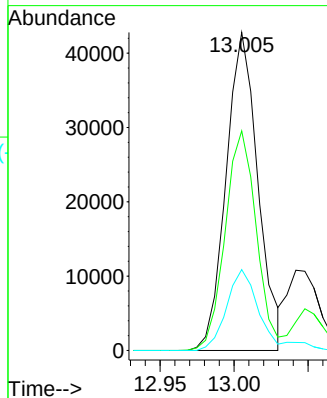
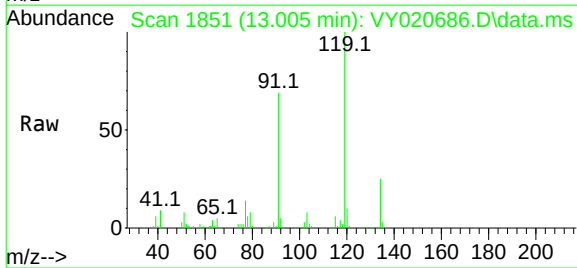
VSTDICC020

Tgt Ion:	119	Resp:	64233
Ion	Ratio	Lower	Upper
119	100		
91	67.2	32.9	98.6
134	26.9	13.1	39.1

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/24/2024
Supervised By :Mahesh Dadoda 12/26/2024



#84

1,2,4-Trimethylbenzene

Concen: 20.119 ug/l

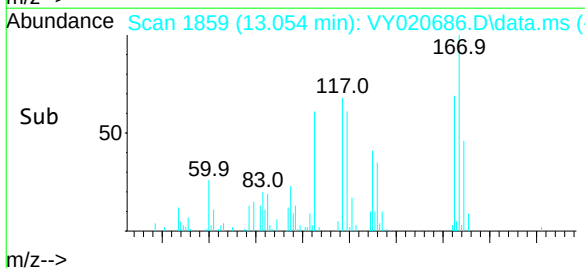
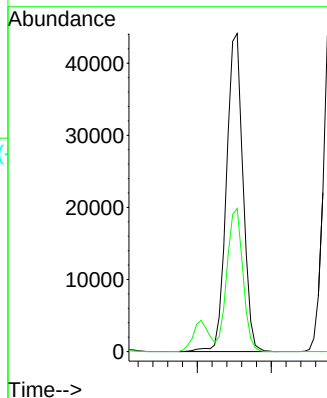
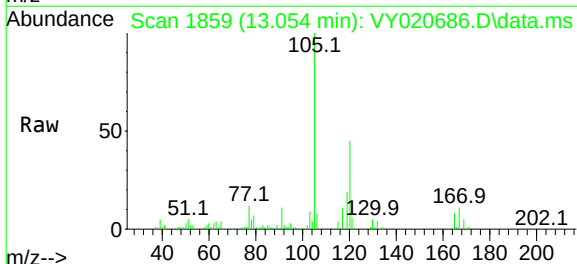
RT: 13.054 min Scan# 1859

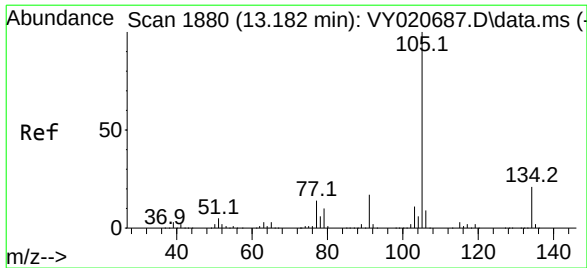
Delta R.T. 0.006 min

Lab File: VY020686.D

Acq: 23 Dec 2024 12:16

Tgt Ion:	105	Resp:	68281
Ion	Ratio	Lower	Upper
105	100		
120	43.6	21.8	65.4





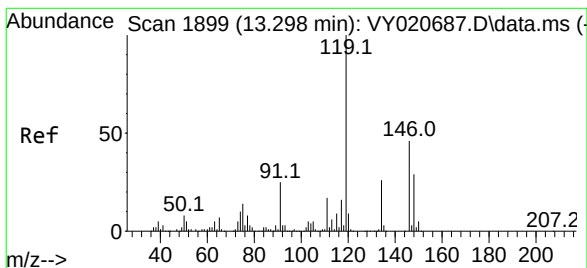
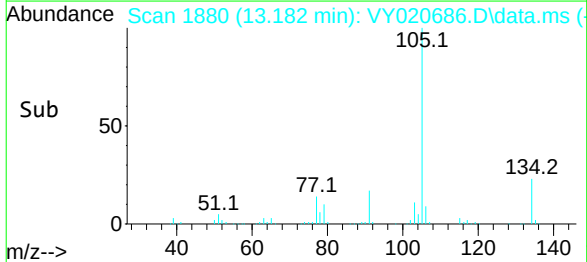
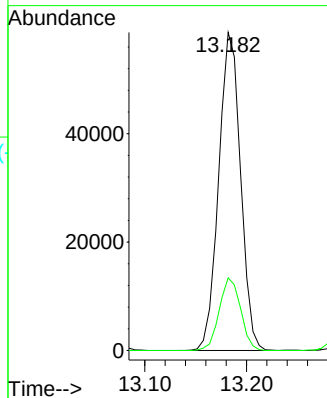
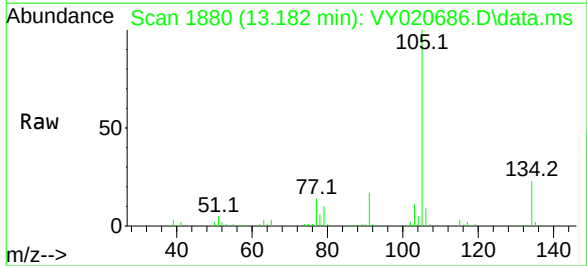
#85
sec-Butylbenzene
Concen: 20.107 ug/l
RT: 13.182 min Scan# 1880
Delta R.T. 0.000 min
Lab File: VY020686.D
Acq: 23 Dec 2024 12:16

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion:105 Resp: 87518
Ion Ratio Lower Upper
105 100
134 22.3 10.0 30.0

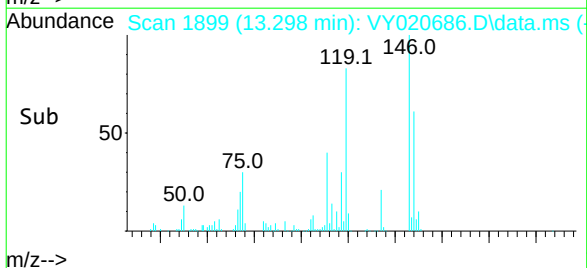
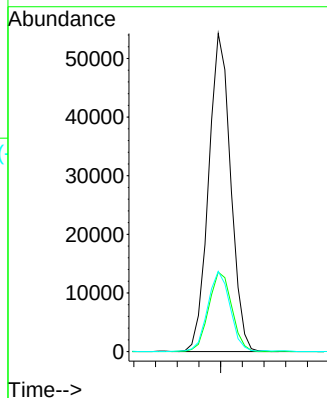
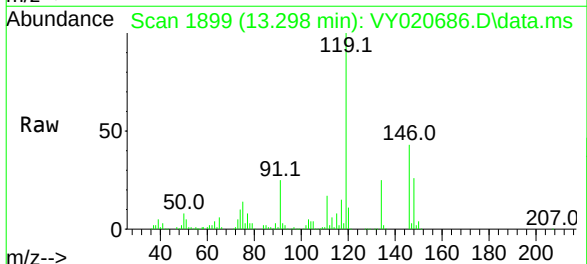
Manual Integrations
APPROVED

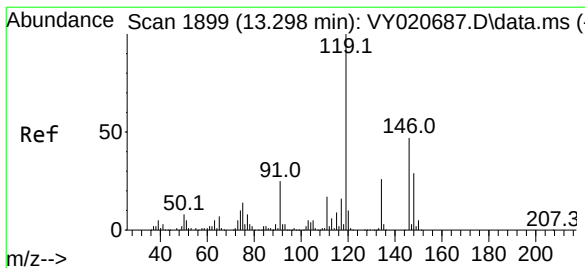
Reviewed By :Semsettin Yesilyurt 12/24/2024
Supervised By :Mahesh Dadoda 12/26/2024



#86
p-Isopropyltoluene
Concen: 20.134 ug/l
RT: 13.298 min Scan# 1899
Delta R.T. 0.000 min
Lab File: VY020686.D
Acq: 23 Dec 2024 12:16

Tgt Ion:119 Resp: 76618
Ion Ratio Lower Upper
119 100
134 26.1 12.9 38.6
91 26.0 12.1 36.3





#87

1,3-Dichlorobenzene

Concen: 19.614 ug/l

RT: 13.298 min Scan# 1899

Delta R.T. 0.000 min

Lab File: VY020686.D

Acq: 23 Dec 2024 12:16

Instrument :

MSVOA_Y

ClientSampleId :

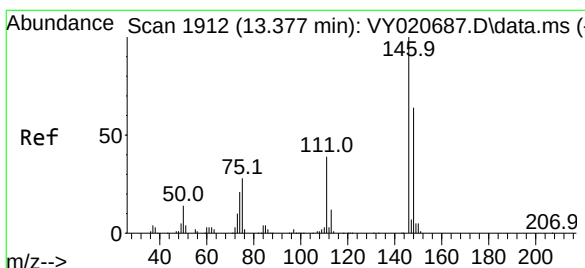
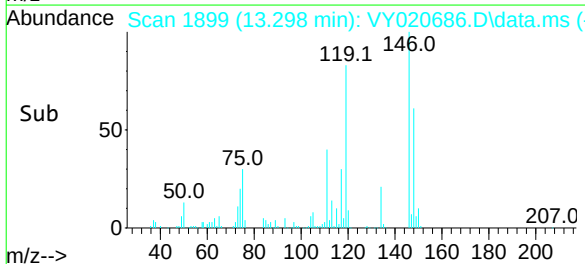
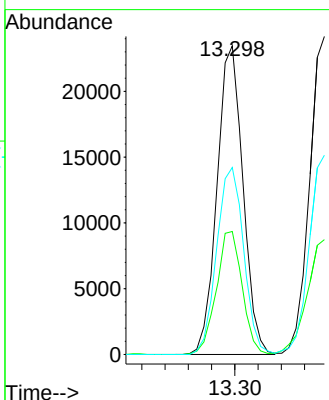
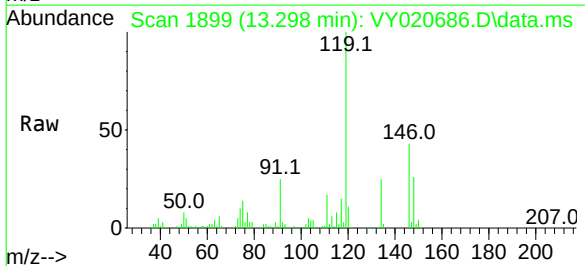
VSTDICC020

Tgt Ion:	146	Resp:	36344
Ion Ratio	Lower	Upper	
146	100		
111	39.7	20.6	61.8
148	63.2	31.4	94.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/24/2024
Supervised By :Mahesh Dadoda 12/26/2024



#88

1,4-Dichlorobenzene

Concen: 19.987 ug/l

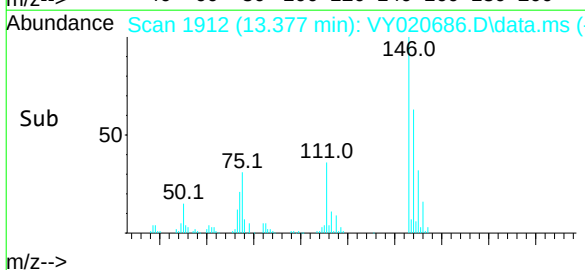
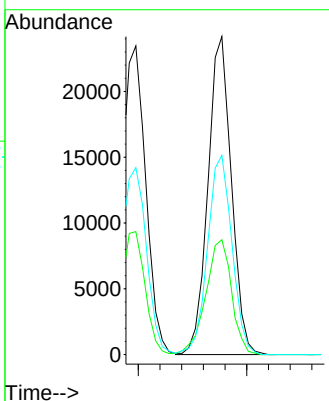
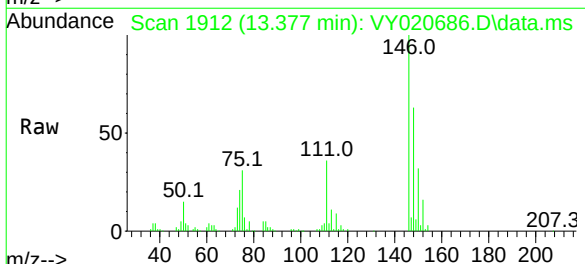
RT: 13.377 min Scan# 1912

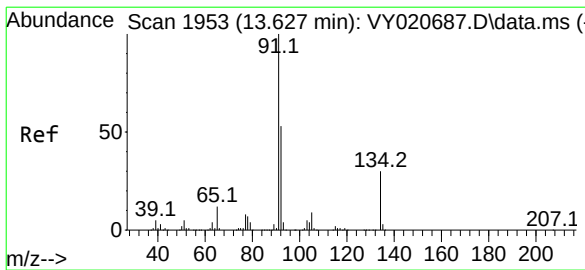
Delta R.T. 0.000 min

Lab File: VY020686.D

Acq: 23 Dec 2024 12:16

Tgt Ion:	146	Resp:	36284
Ion Ratio	Lower	Upper	
146	100		
111	39.8	19.6	58.7
148	65.3	31.9	95.5





#89

n-Butylbenzene

Concen: 19.990 ug/l

RT: 13.627 min Scan# 1953

Delta R.T. 0.000 min

Lab File: VY020686.D

Acq: 23 Dec 2024 12:16

Instrument :

MSVOA_Y

ClientSampleId :

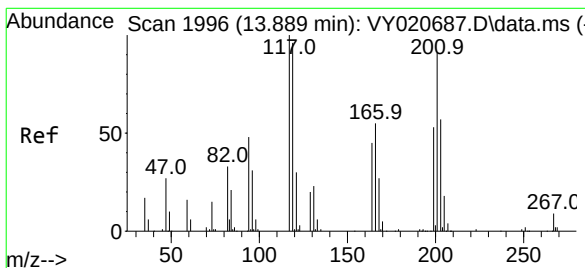
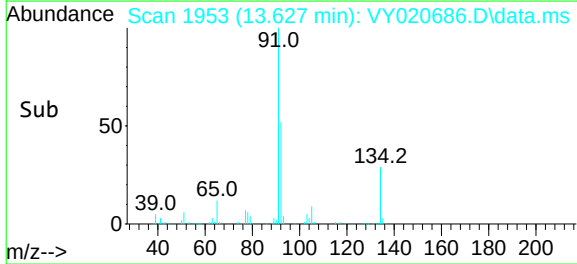
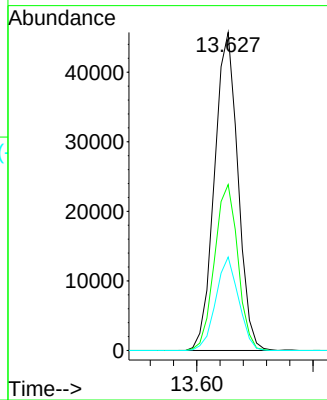
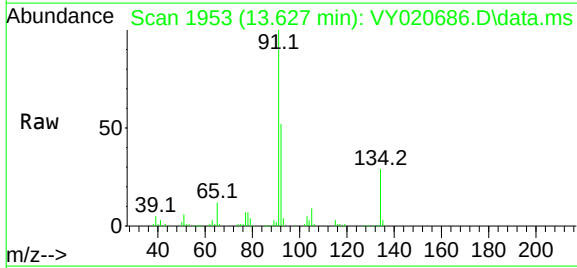
VSTDICC020

Tgt Ion:	91	Resp:	64084
Ion	Ratio	Lower	Upper
91	100		
92	51.9	26.8	80.4
134	28.7	12.5	37.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/24/2024
Supervised By :Mahesh Dadoda 12/26/2024



#90

Hexachloroethane

Concen: 19.146 ug/l

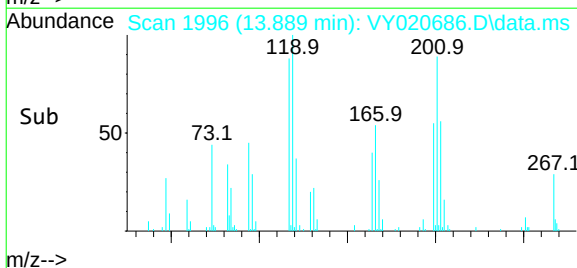
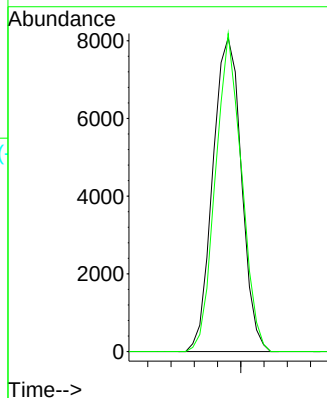
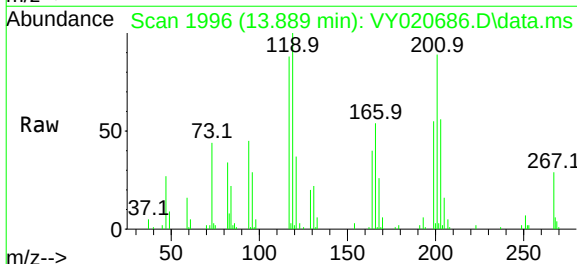
RT: 13.889 min Scan# 1996

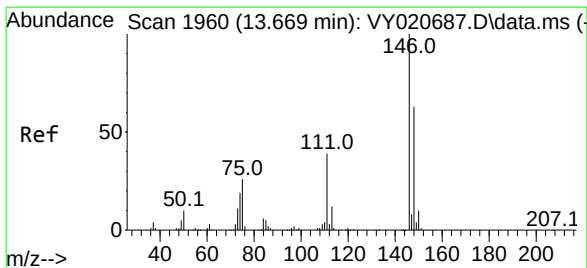
Delta R.T. 0.000 min

Lab File: VY020686.D

Acq: 23 Dec 2024 12:16

Tgt Ion:	117	Resp:	13822
Ion	Ratio	Lower	Upper
117	100		
201	92.2	39.1	117.3





#91

1,2-Dichlorobenzene

Concen: 19.915 ug/l

RT: 13.664 min Scan# 19

Delta R.T. -0.006 min

Lab File: VY020686.D

Acq: 23 Dec 2024 12:16

Instrument :

MSVOA_Y

ClientSampleId :

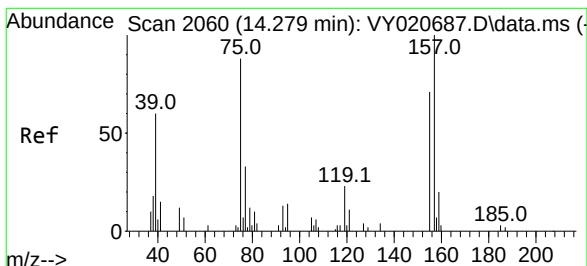
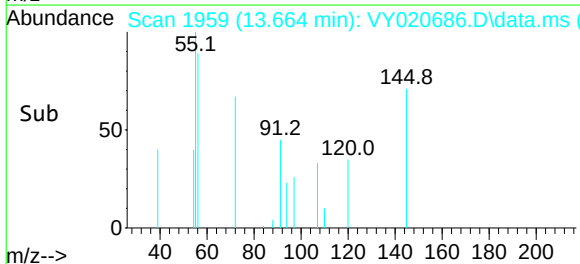
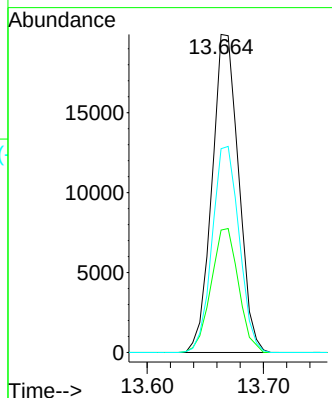
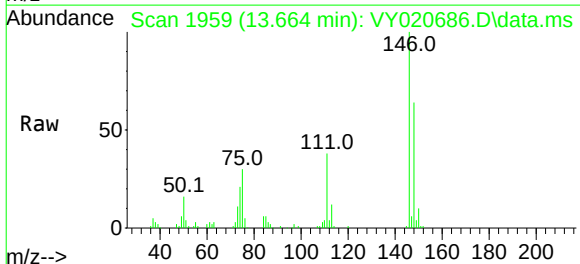
VSTDICC020

Tgt Ion:	146	Resp:	31668
Ion	Ratio	Lower	Upper
146	100		
111	40.1	21.3	63.7
148	65.8	32.0	96.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/24/2024
Supervised By :Mahesh Dadoda 12/26/2024



#92

1,2-Dibromo-3-Chloropropane

Concen: 18.947 ug/l

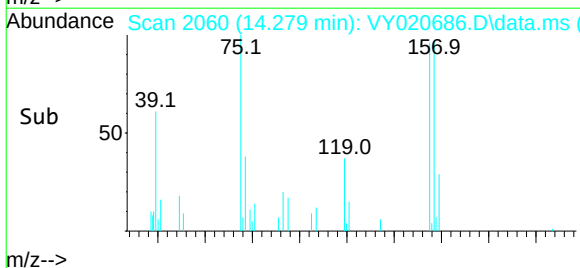
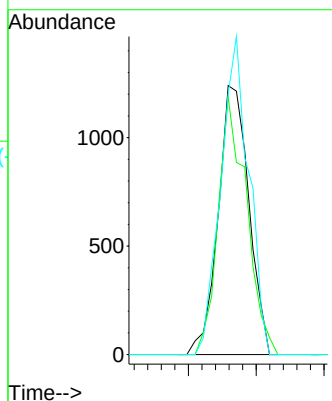
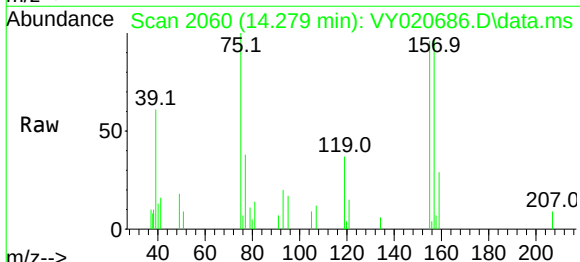
RT: 14.279 min Scan# 2060

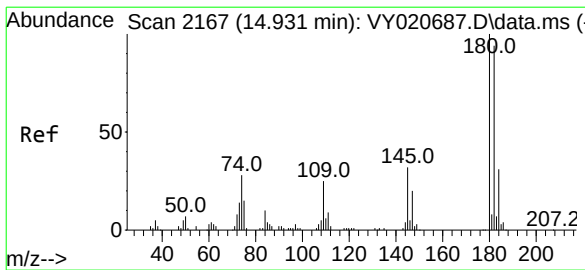
Delta R.T. 0.000 min

Lab File: VY020686.D

Acq: 23 Dec 2024 12:16

Tgt Ion:	75	Resp:	1946
Ion	Ratio	Lower	Upper
75	100		
155	88.9	41.1	123.3
157	108.1	52.9	158.8





#93

1,2,4-Trichlorobenzene

Concen: 18.593 ug/l

RT: 14.932 min Scan# 2167

Delta R.T. 0.000 min

Lab File: VY020686.D

Acq: 23 Dec 2024 12:16

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

Tgt Ion:180 Resp: 17553

Ion Ratio Lower Upper

180 100

182 94.9 47.9 143.6

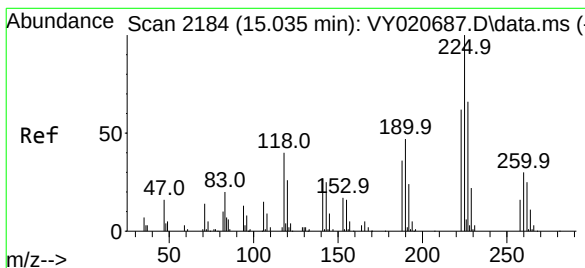
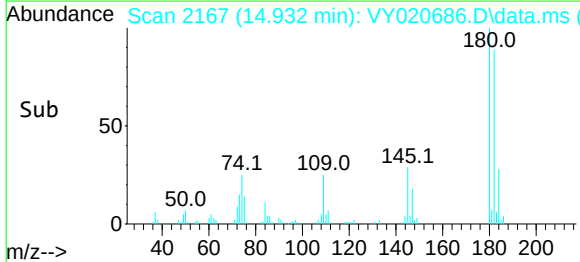
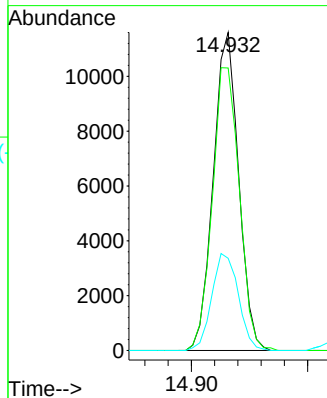
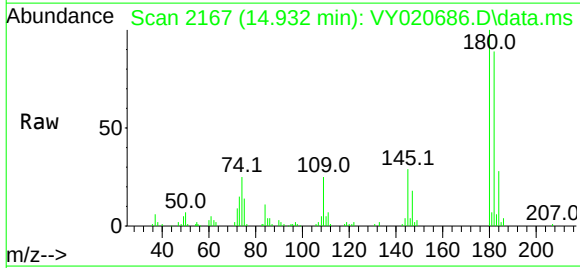
145 32.0 15.6 46.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/24/2024

Supervised By :Mahesh Dadoda 12/26/2024



#94

Hexachlorobutadiene

Concen: 19.644 ug/l

RT: 15.035 min Scan# 2184

Delta R.T. 0.000 min

Lab File: VY020686.D

Acq: 23 Dec 2024 12:16

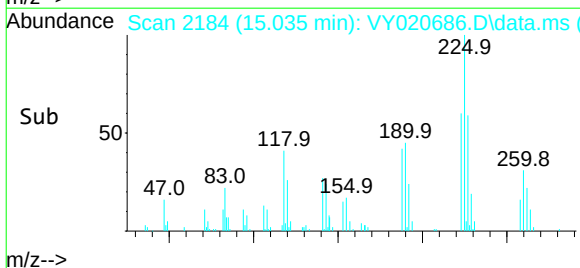
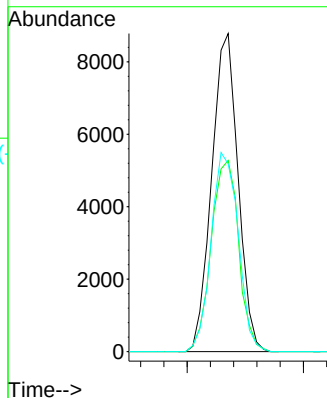
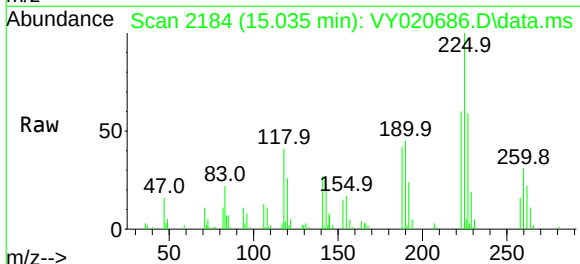
Tgt Ion:225 Resp: 13808

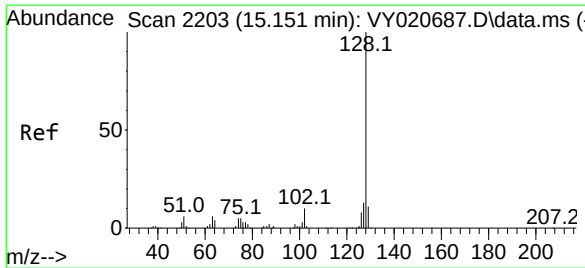
Ion Ratio Lower Upper

225 100

223 62.7 31.8 95.3

227 64.6 32.2 96.6





#95

Naphthalene

Concen: 18.322 ug/l

RT: 15.151 min Scan# 2203

Delta R.T. 0.000 min

Lab File: VY020686.D

Acq: 23 Dec 2024 12:16

Instrument :

MSVOA_Y

ClientSampleId :

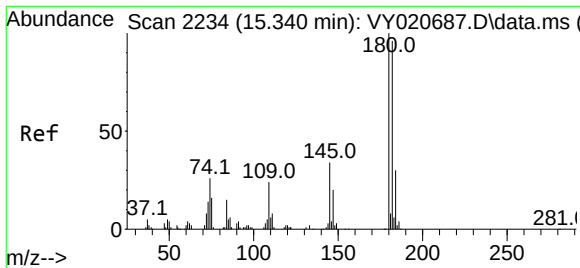
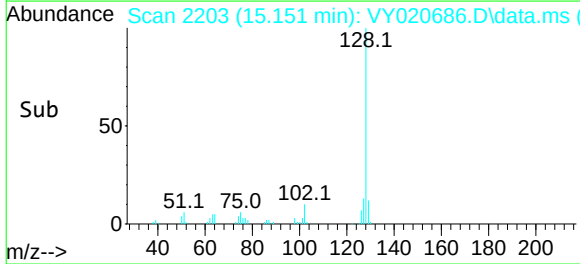
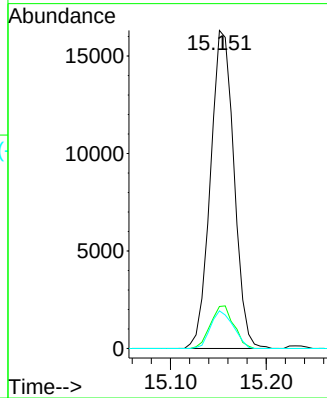
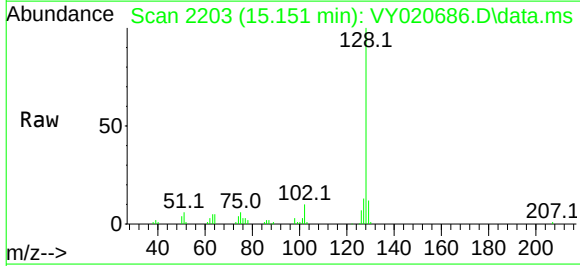
VSTDICC020

Tgt Ion:	128	Resp:	27861
Ion Ratio	Lower	Upper	
128	100		
127	13.2	10.7	16.1
129	11.5	8.5	12.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/24/2024
Supervised By :Mahesh Dadoda 12/26/2024



#96

1,2,3-Trichlorobenzene

Concen: 18.952 ug/l

RT: 15.340 min Scan# 2234

Delta R.T. 0.000 min

Lab File: VY020686.D

Acq: 23 Dec 2024 12:16

Tgt Ion:	180	Resp:	14958
Ion Ratio	Lower	Upper	
180	100		
182	92.4	47.3	141.9
145	33.1	16.0	48.0

