

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122324\
 Data File : VY020684.D
 Acq On : 23 Dec 2024 11:30
 Operator : SY/MD
 Sample : VSTDICC005
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC005

Quant Time: Dec 23 14:02:53 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122324S.M
 Quant Title : SW846 8260
 QLast Update : Mon Dec 23 14:02:50 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	7.725	168	114649	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.628	114	164576	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.426	117	134316	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.358	152	63466	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	0.000	65	0d	0.000	ug/l	
Spiked Amount 50.000	Range 50	- 163	Recovery	=	0.000%#	
35) Dibromofluoromethane	0.000	113	0d	0.000	ug/l	
Spiked Amount 50.000	Range 54	- 147	Recovery	=	0.000%#	
50) Toluene-d8	0.000	98	0d	0.000	ug/l	
Spiked Amount 50.000	Range 58	- 134	Recovery	=	0.000%#	
62) 4-Bromofluorobenzene	0.000	95	0d	0.000	ug/l	
Spiked Amount 50.000	Range 29	- 146	Recovery	=	0.000%#	
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.879	85	3877	4.389	ug/l	96
3) Chloromethane	2.080	50	1435	3.988	ug/l	92
4) Vinyl Chloride	2.220	62	1872	4.267	ug/l #	88
5) Bromomethane	2.616	94	1271	4.103	ug/l	96
6) Chloroethane	2.751	64	1116	4.185	ug/l #	82
7) Trichlorofluoromethane	3.080	101	6842	4.337	ug/l	94
8) Diethyl Ether	3.470	74	1774	4.698	ug/l	86
9) 1,1,2-Trichlorotrifluo...	3.842	101	3626	4.209	ug/l	87
10) Methyl Iodide	4.025	142	3743	3.771	ug/l #	87
11) Tert butyl alcohol	4.866	59	3274m	40.278	ug/l	
12) 1,1-Dichloroethene	3.817	96	3204	4.190	ug/l	85
13) Acrolein	3.677	56	651	30.335	ug/l #	82
14) Allyl chloride	4.409	41	3677	4.101	ug/l #	77
15) Acrylonitrile	5.085	53	2940	21.121	ug/l #	80
16) Acetone	3.897	43	3356	28.936	ug/l	93
17) Carbon Disulfide	4.141	76	7498	3.933	ug/l	99
18) Methyl Acetate	4.415	43	1080	3.599	ug/l #	87
19) Methyl tert-butyl Ether	5.134	73	8821	4.241	ug/l	95
20) Methylene Chloride	4.647	84	3715	4.807	ug/l #	83
21) trans-1,2-Dichloroethene	5.146	96	3551	4.307	ug/l #	80
22) Diisopropyl ether	6.043	45	7693	4.197	ug/l #	77
23) Vinyl Acetate	5.982	43	22139	20.396	ug/l #	87
24) 1,1-Dichloroethane	5.933	63	5733	4.195	ug/l #	89
25) 2-Butanone	6.914	43	3974	24.392	ug/l #	77
26) 2,2-Dichloropropane	6.908	77	8260	4.831	ug/l	91
27) cis-1,2-Dichloroethene	6.914	96	4456	4.538	ug/l	96
28) Bromochloromethane	7.268	49	1210	6.257	ug/l #	51
29) Tetrahydrofuran	7.286	42	1992	20.802	ug/l #	71
30) Chloroform	7.439	83	9018	5.021	ug/l	96
31) Cyclohexane	7.719	56	6636	5.539	ug/l #	63
32) 1,1,1-Trichloroethane	7.640	97	8094	4.313	ug/l	96
36) 1,1-Dichloropropene	7.859	75	4978	4.238	ug/l	97
37) Ethyl Acetate	7.012	43	1815	4.728	ug/l #	69
38) Carbon Tetrachloride	7.835	117	7766	4.086	ug/l	91
39) Methylcyclohexane	9.121	83	6337	4.244	ug/l	99
40) Benzene	8.091	78	14311	4.223	ug/l	98

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 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC005

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Quant Time: Dec 23 14:02:53 2024
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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.244	41	917	4.221	ug/l #	85
42) 1,2-Dichloroethane	8.170	62	4467	4.145	ug/l	98
43) Isopropyl Acetate	8.213	43	3082	3.863	ug/l #	86
44) Trichloroethene	8.877	130	4289	4.265	ug/l	93
45) 1,2-Dichloropropane	9.158	63	2724	4.091	ug/l	91
46) Dibromomethane	9.249	93	1946	4.234	ug/l	96
47) Bromodichloromethane	9.438	83	5373	4.121	ug/l	96
48) Methyl methacrylate	9.231	41	1480	3.913	ug/l #	89
49) 1,4-Dioxane	9.262	88	259	66.488	ug/l #	39
51) 4-Methyl-2-Pentanone	10.011	43	9070	22.757	ug/l	98
52) Toluene	10.182	92	9584	4.153	ug/l	97
53) t-1,3-Dichloropropene	10.408	75	4552	3.946	ug/l	92
54) cis-1,3-Dichloropropene	9.871	75	4997	3.931	ug/l	98
55) 1,1,2-Trichloroethane	10.578	97	2529	4.249	ug/l	87
56) Ethyl methacrylate	10.450	69	2795	3.682	ug/l	87
57) 1,3-Dichloropropane	10.731	76	3981	4.092	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.725	63	6120	21.573	ug/l #	79
59) 2-Hexanone	10.774	43	4717	18.580	ug/l	100
60) Dibromochloromethane	10.920	129	4012	4.222	ug/l	98
61) 1,2-Dibromoethane	11.030	107	2170	3.889	ug/l	98
64) Tetrachloroethene	10.658	164	3679	4.124	ug/l	89
65) Chlorobenzene	11.456	112	10890	4.339	ug/l	94
66) 1,1,1,2-Tetrachloroethane	11.523	131	4311	4.398	ug/l	96
67) Ethyl Benzene	11.529	91	18768	4.168	ug/l	96
68) m/p-Xylenes	11.639	106	14272	8.311	ug/l	100
69) o-Xylene	11.968	106	6616	4.102	ug/l	98
70) Styrene	11.981	104	11050	4.073	ug/l	98
71) Bromoform	12.145	173	2411	4.295	ug/l #	94
73) Isopropylbenzene	12.267	105	18930	4.385	ug/l	98
74) N-amyl acetate	12.078	43	2293	3.780	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.517	83	2450	4.410	ug/l	97
76) 1,2,3-Trichloropropane	12.560	75	1934m	4.649	ug/l	
77) Bromobenzene	12.541	156	4234	4.307	ug/l	89
78) n-propylbenzene	12.602	91	21465	4.410	ug/l	97
79) 2-Chlorotoluene	12.688	91	12202	4.404	ug/l	96
80) 1,3,5-Trimethylbenzene	12.749	105	15597	4.356	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.310	75	810	4.023	ug/l	88
82) 4-Chlorotoluene	12.785	91	12300	4.353	ug/l	99
83) tert-Butylbenzene	13.011	119	14849	4.457	ug/l	99
84) 1,2,4-Trimethylbenzene	13.054	105	14790	4.228	ug/l	99
85) sec-Butylbenzene	13.188	105	19621	4.374	ug/l	94
86) p-Isopropyltoluene	13.304	119	16486	4.204	ug/l	98
87) 1,3-Dichlorobenzene	13.297	146	8502	4.452	ug/l	97
88) 1,4-Dichlorobenzene	13.377	146	8186	4.375	ug/l	89
89) n-Butylbenzene	13.627	91	14168	4.288	ug/l	93
90) Hexachloroethane	13.889	117	3276	4.403	ug/l	86
91) 1,2-Dichlorobenzene	13.669	146	7116	4.342	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.285	75	478	4.516	ug/l	91
93) 1,2,4-Trichlorobenzene	14.937	180	3572	3.671	ug/l	95
94) Hexachlorobutadiene	15.035	225	2958	4.083	ug/l	97
95) Naphthalene	15.157	128	5634	6.410	ug/l	97
96) 1,2,3-Trichlorobenzene	15.346	180	2952	3.629	ug/l	97

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ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Manual Integrations
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Supervised By :Mahesh Dadoda 12/26/2024

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Quant Title : SW846 8260
QLast Update : Mon Dec 23 14:02:50 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

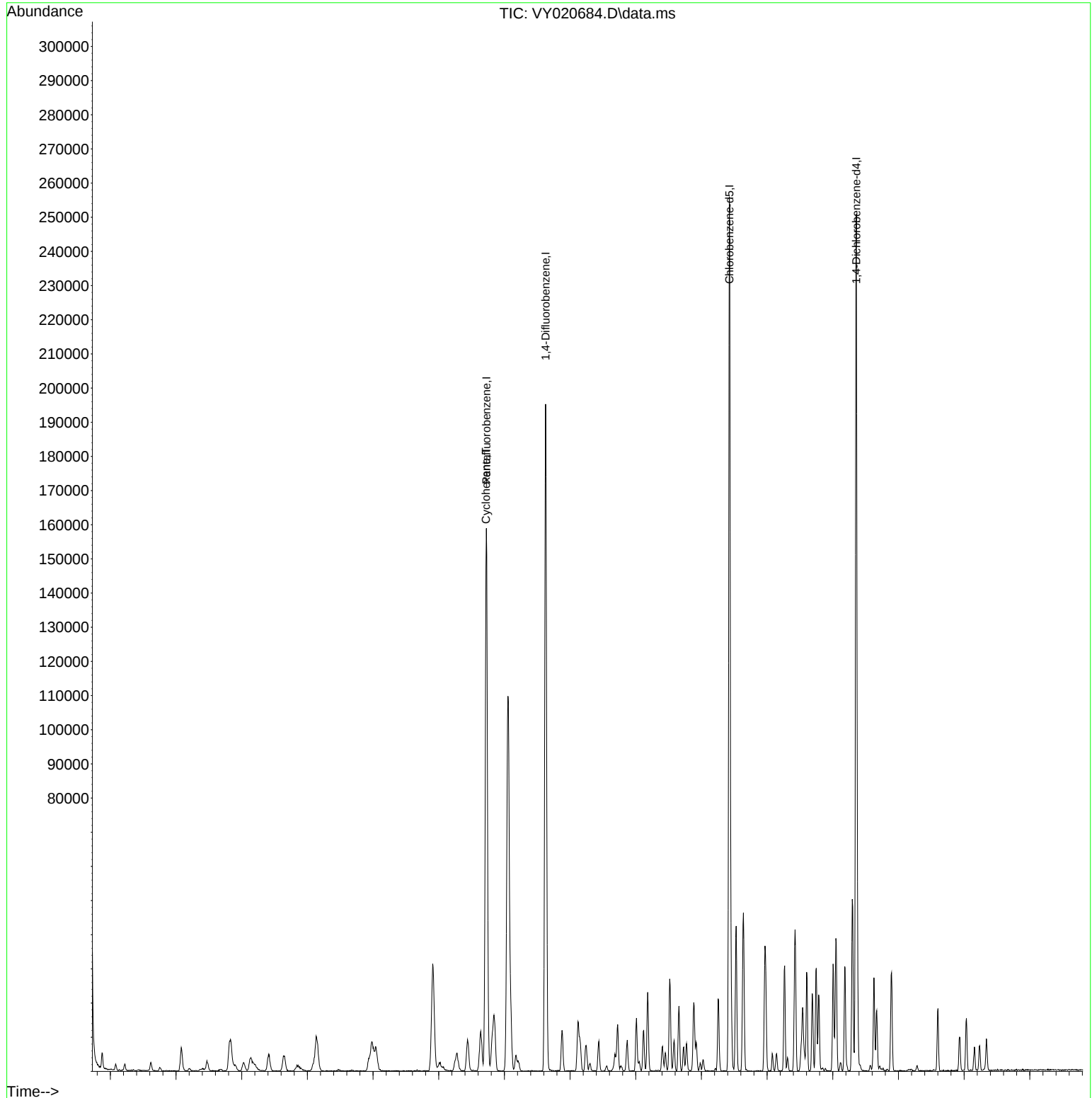
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Operator : SY/MD
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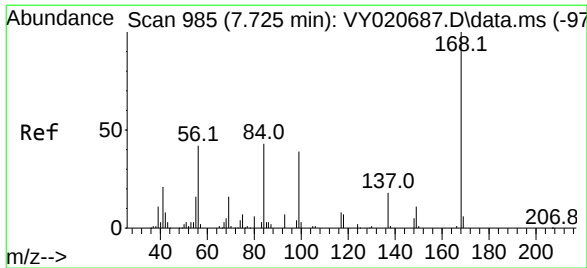
Instrument :
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Manual Integrations
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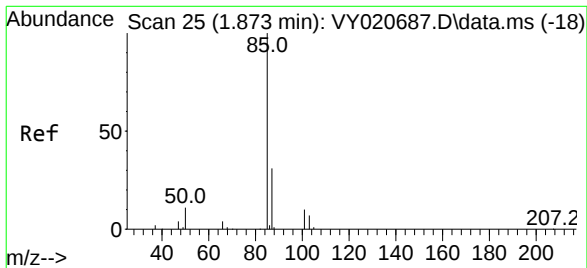
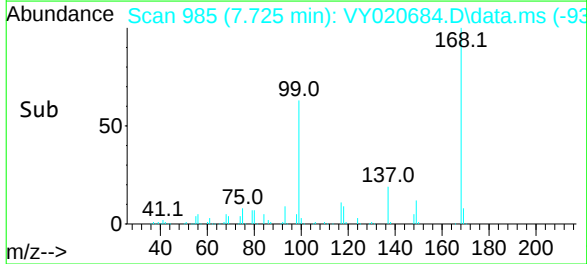
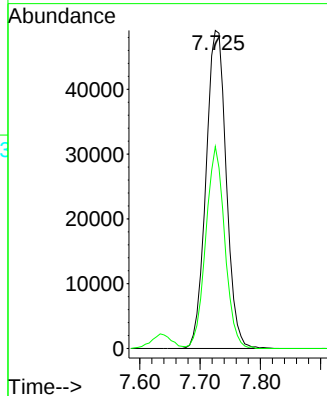
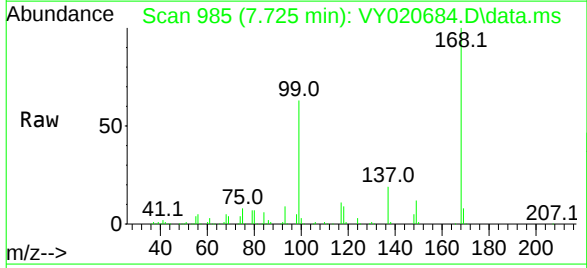
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.725 min Scan# 98
Delta R.T. 0.000 min
Lab File: VY020684.D
Acq: 23 Dec 2024 11:30

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tgt Ion: 168 Resp: 114649
Ion Ratio Lower Upper
168 100
99 63.5 47.0 70.6

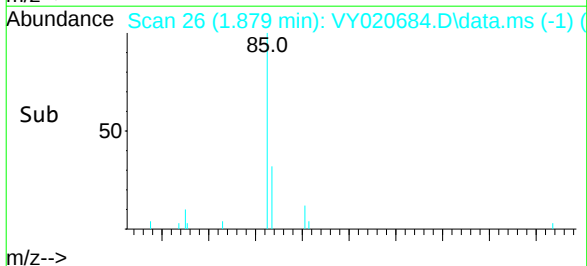
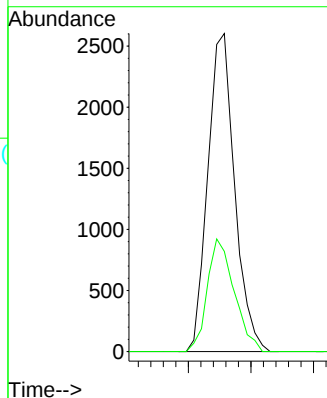
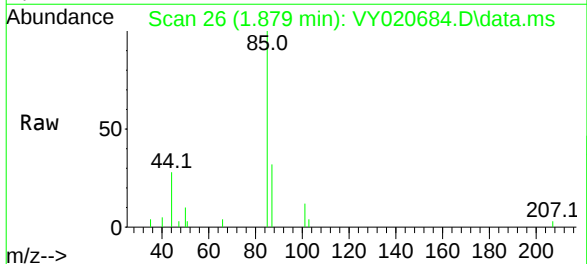
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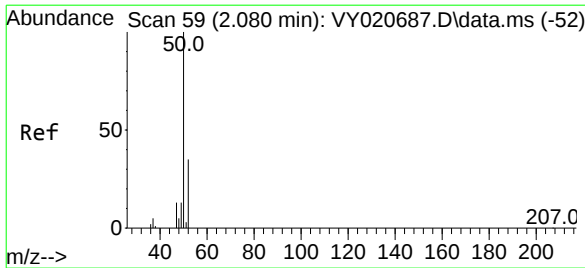
Reviewed By : Semsettin Yesilyurt 12/24/2024
Supervised By : Mahesh Dadoda 12/26/2024



#2
Dichlorodifluoromethane
Concen: 4.389 ug/l
RT: 1.879 min Scan# 26
Delta R.T. 0.006 min
Lab File: VY020684.D
Acq: 23 Dec 2024 11:30

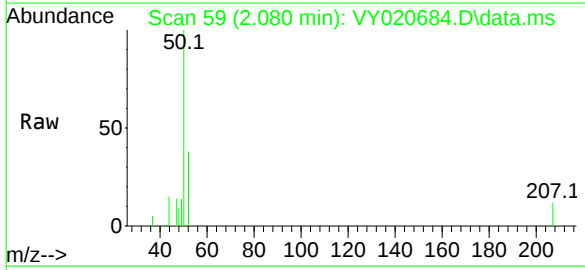
Tgt Ion: 85 Resp: 3877
Ion Ratio Lower Upper
85 100
87 31.5 16.8 50.3





#3
Chloromethane
Concen: 3.988 ug/l
RT: 2.080 min Scan# 59
Delta R.T. -0.000 min
Lab File: VY020684.D
Acq: 23 Dec 2024 11:30

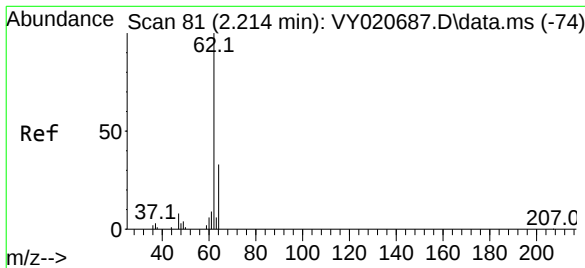
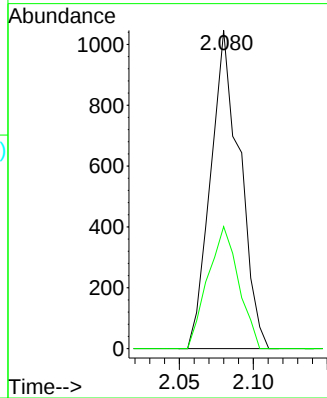
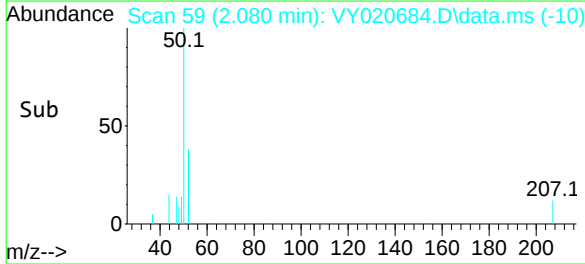
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005



Tgt Ion: 50 Resp: 1435
Ion Ratio Lower Upper
50 100
52 38.3 26.8 40.2

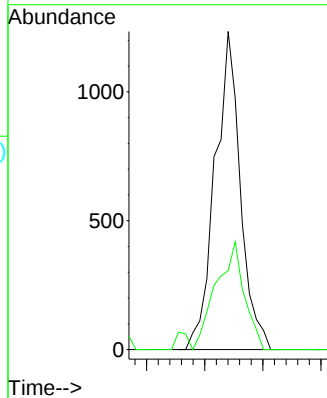
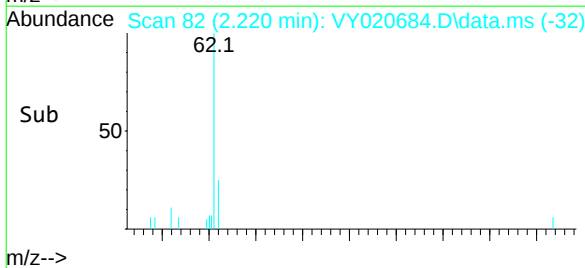
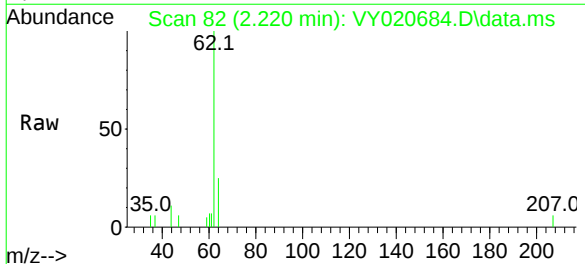
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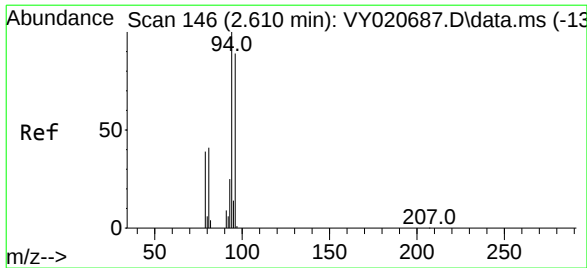
Reviewed By :Semsettin Yesilyurt 12/24/2024
Supervised By :Mahesh Dadoda 12/26/2024



#4
Vinyl Chloride
Concen: 4.267 ug/l
RT: 2.220 min Scan# 82
Delta R.T. 0.006 min
Lab File: VY020684.D
Acq: 23 Dec 2024 11:30

Tgt Ion: 62 Resp: 1872
Ion Ratio Lower Upper
62 100
64 24.8 25.3 37.9#





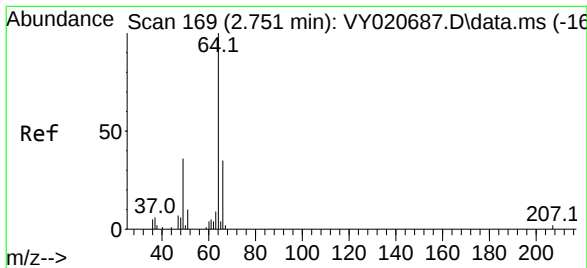
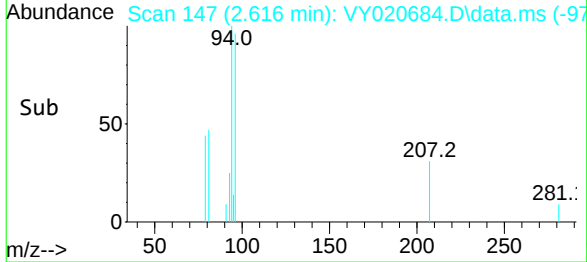
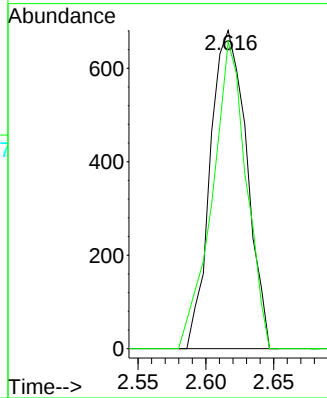
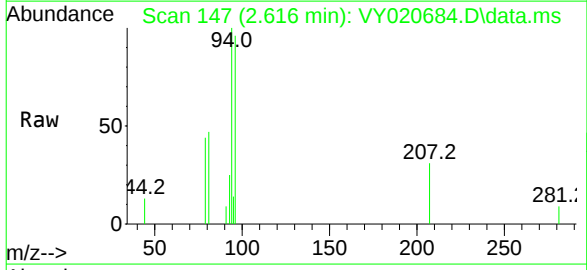
#5
Bromomethane
Concen: 4.103 ug/l
RT: 2.616 min Scan# 146
Delta R.T. 0.006 min
Lab File: VY020684.D
Acq: 23 Dec 2024 11:30

Instrument :
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ClientSampleId :
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Tgt Ion: 94 Resp: 1271
Ion Ratio Lower Upper
94 100
96 96.5 73.8 110.6

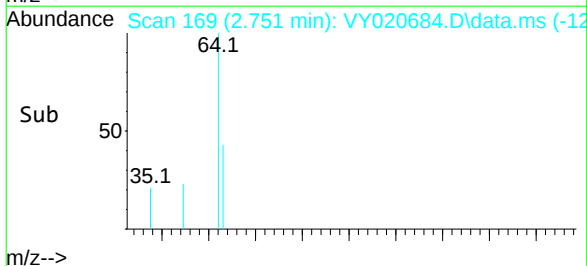
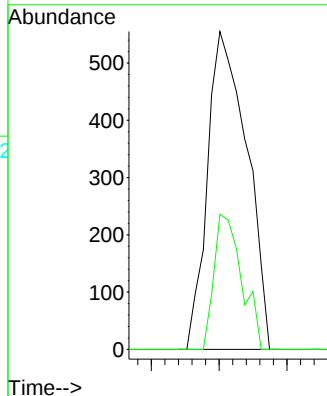
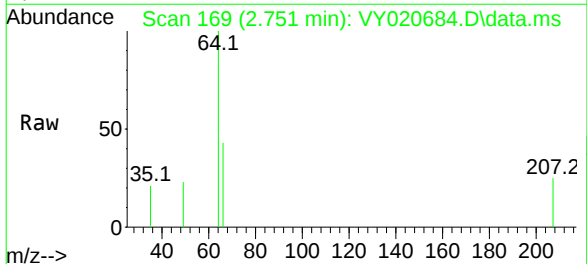
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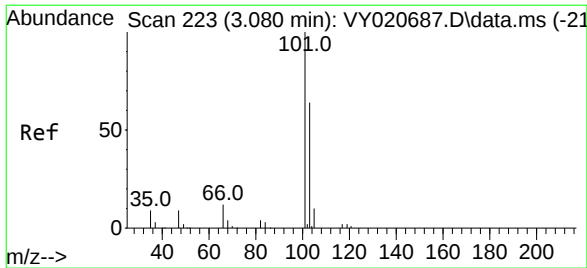
Reviewed By :Semsettin Yesilyurt 12/24/2024
Supervised By :Mahesh Dadoda 12/26/2024



#6
Chloroethane
Concen: 4.185 ug/l
RT: 2.751 min Scan# 169
Delta R.T. -0.000 min
Lab File: VY020684.D
Acq: 23 Dec 2024 11:30

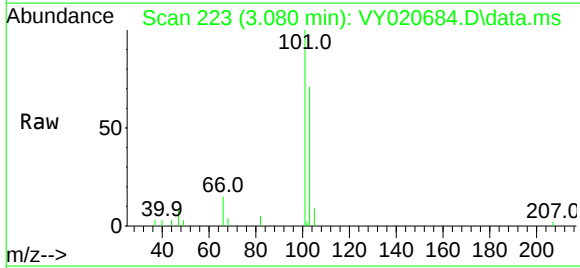
Tgt Ion: 64 Resp: 1116
Ion Ratio Lower Upper
64 100
66 42.5 25.8 38.6#





#7
Trichlorofluoromethane
Concen: 4.337 ug/l
RT: 3.080 min Scan# 223
Delta R.T. -0.000 min
Lab File: VY020684.D
Acq: 23 Dec 2024 11:30

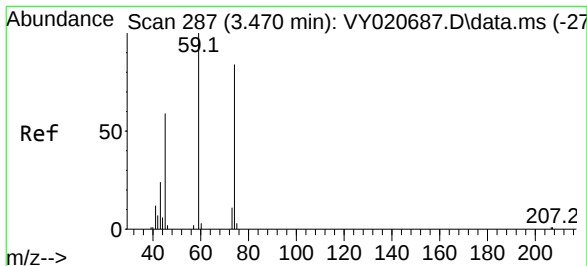
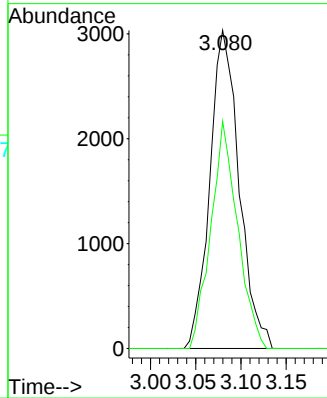
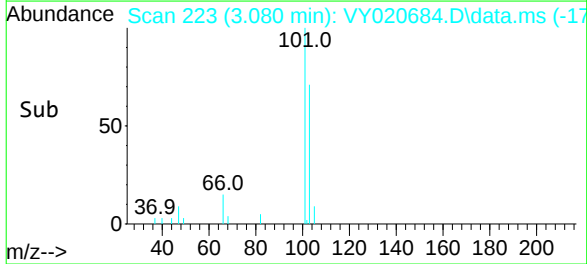
Instrument :
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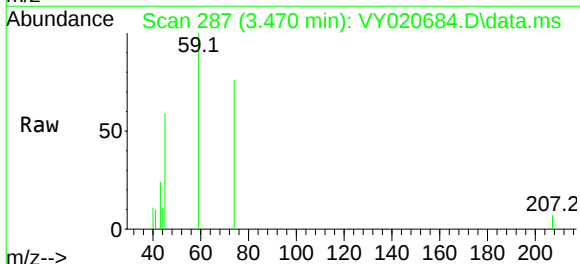
Tgt Ion: 101 Resp: 6842
Ion Ratio Lower Upper
101 100
103 71.4 53.4 80.0

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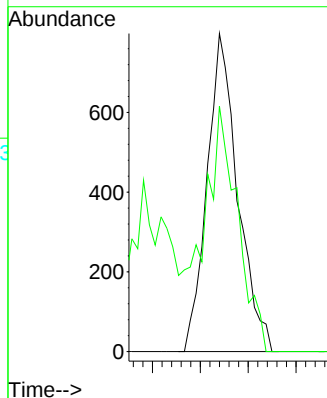
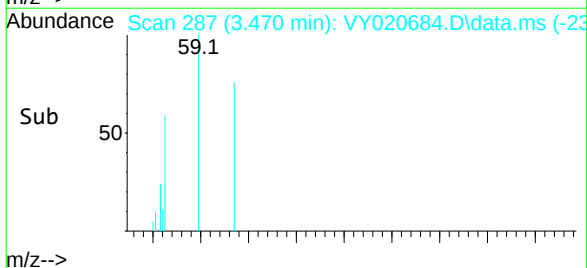
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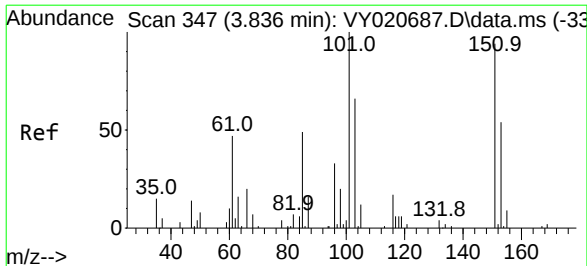


#8
Diethyl Ether
Concen: 4.698 ug/l
RT: 3.470 min Scan# 287
Delta R.T. -0.000 min
Lab File: VY020684.D
Acq: 23 Dec 2024 11:30



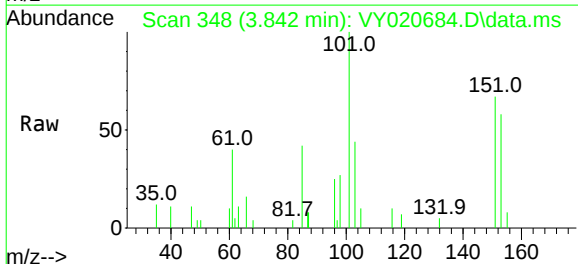
Tgt Ion: 74 Resp: 1774
Ion Ratio Lower Upper
74 100
45 83.9 49.0 147.2





#9
1,1,2-Trichlorotrifluoroethane
Concen: 4.209 ug/l
RT: 3.842 min Scan# 347
Delta R.T. 0.006 min
Lab File: VY020684.D
Acq: 23 Dec 2024 11:30

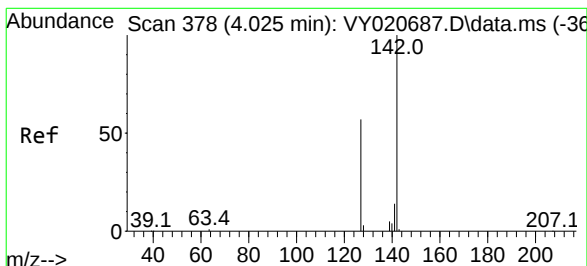
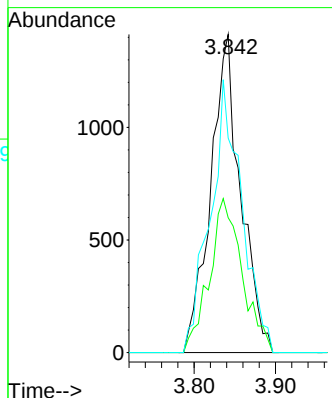
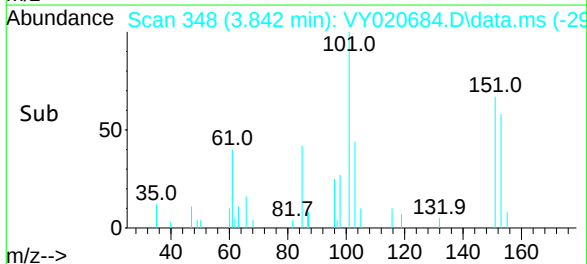
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005



Tgt Ion:101 Resp: 3626
Ion Ratio Lower Upper
101 100
85 52.7 36.6 54.8
151 90.0 61.5 92.3

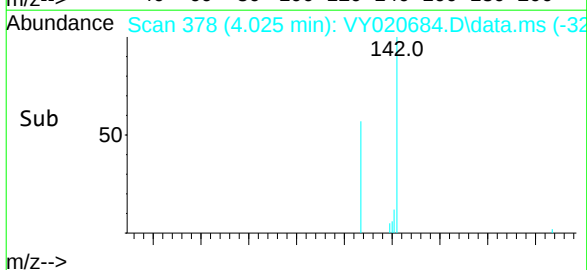
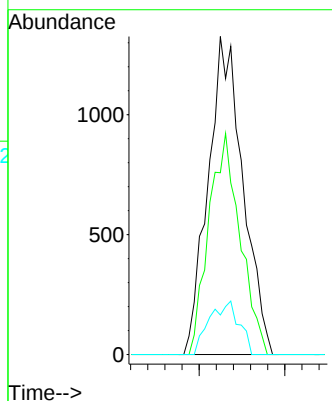
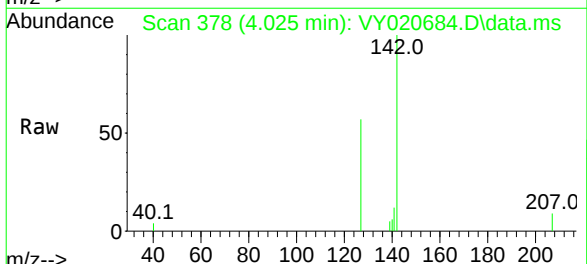
Manual Integrations
APPROVED

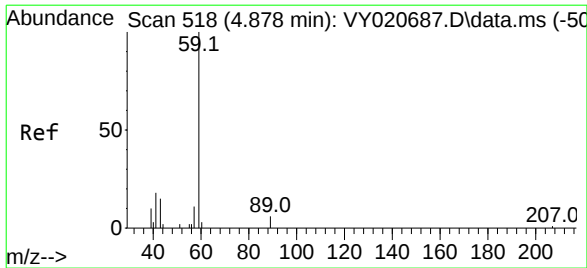
Reviewed By :Semsettin Yesilyurt 12/24/2024
Supervised By :Mahesh Dadoda 12/26/2024



#10
Methyl Iodide
Concen: 3.771 ug/l
RT: 4.025 min Scan# 378
Delta R.T. -0.000 min
Lab File: VY020684.D
Acq: 23 Dec 2024 11:30

Tgt Ion:142 Resp: 3743
Ion Ratio Lower Upper
142 100
127 62.5 40.6 61.0#
141 14.3 11.7 17.5





#11

Tert butyl alcohol

Concen: 40.278 ug/l m

RT: 4.866 min Scan# 51

Delta R.T. -0.012 min

Lab File: VY020684.D

Acq: 23 Dec 2024 11:30

Instrument :

MSVOA_Y

ClientSampleId :

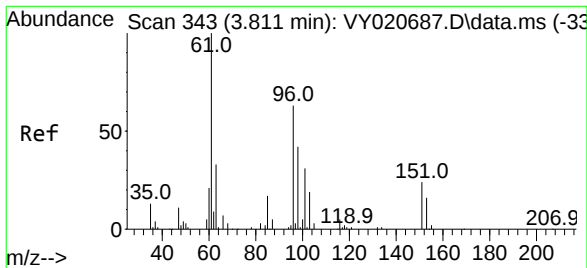
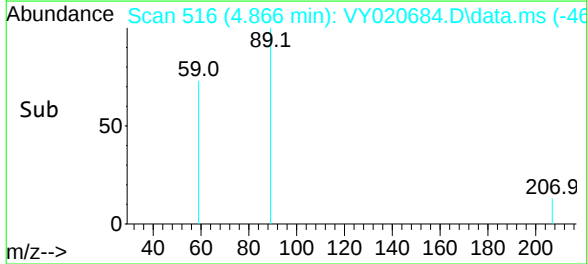
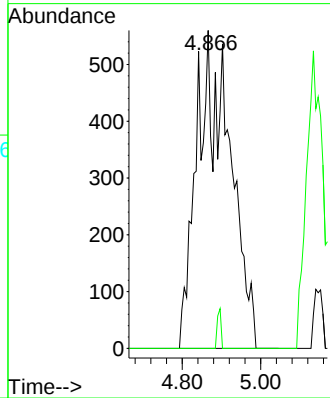
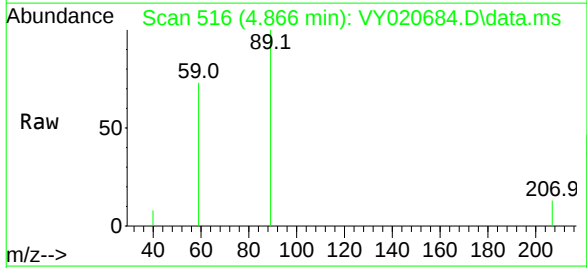
VSTDICC005

Tgt Ion: 59 Resp: 3274
 Ion Ratio Lower Upper
 59 100
 57 0.0 7.4 11.0#

Manual Integrations

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



#12

1,1-Dichloroethene

Concen: 4.190 ug/l

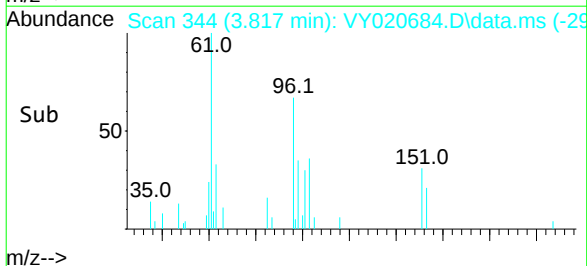
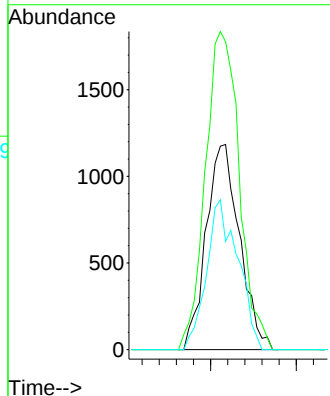
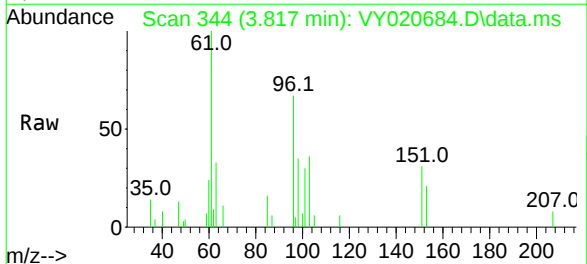
RT: 3.817 min Scan# 344

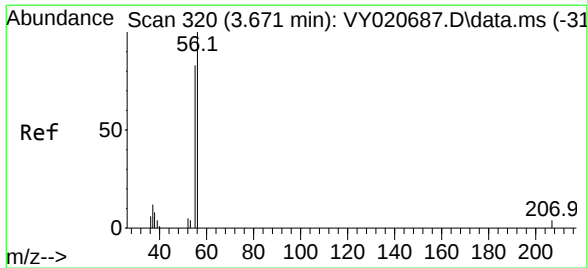
Delta R.T. 0.006 min

Lab File: VY020684.D

Acq: 23 Dec 2024 11:30

Tgt Ion: 96 Resp: 3204
 Ion Ratio Lower Upper
 96 100
 61 150.1 136.9 205.3
 98 52.7 50.2 75.4





#13

Acrolein

Concen: 30.335 ug/l

RT: 3.677 min Scan# 320

Delta R.T. 0.006 min

Lab File: VY020684.D

Acq: 23 Dec 2024 11:30

Instrument :

MSVOA_Y

ClientSampleId :

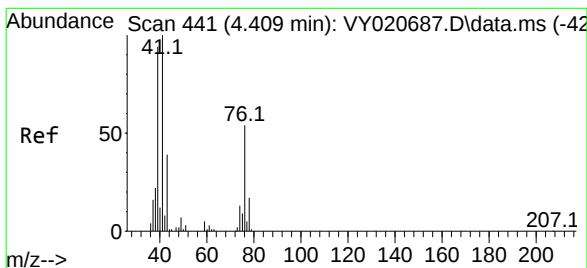
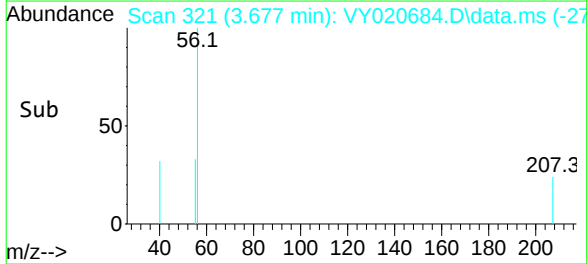
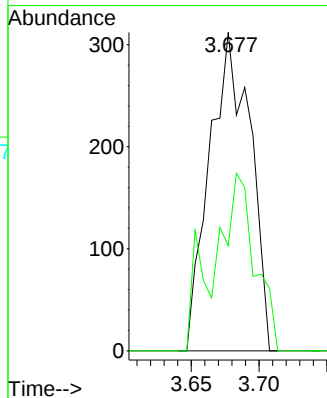
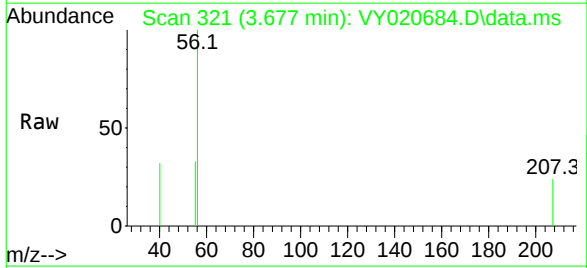
VSTDICC005

Tgt	Ion:	56	Resp:	651
Ion	Ratio	Lower	Upper	
56	100			
55	56.5	57.5	86.3	#

Manual Integrations

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



#14

Allyl chloride

Concen: 4.101 ug/l

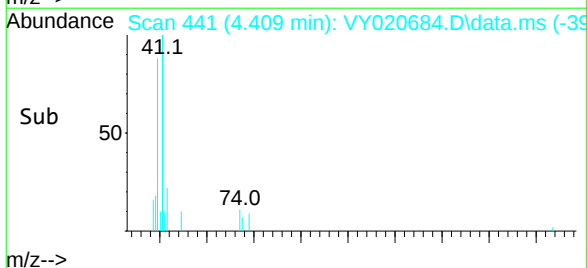
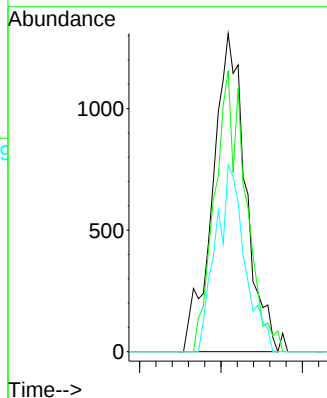
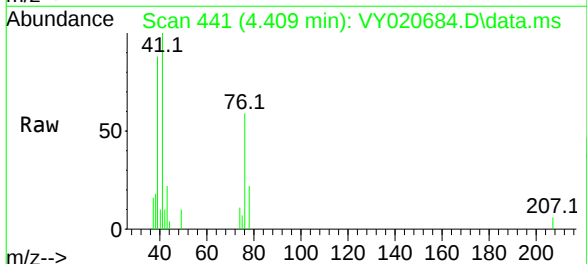
RT: 4.409 min Scan# 441

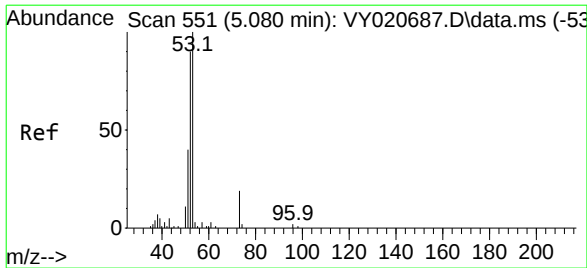
Delta R.T. -0.000 min

Lab File: VY020684.D

Acq: 23 Dec 2024 11:30

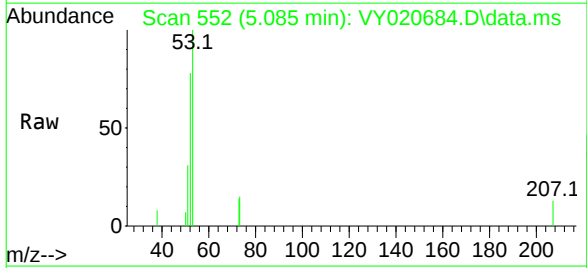
Tgt	Ion:	41	Resp:	3677
Ion	Ratio	Lower	Upper	
41	100			
39	83.3	53.0	79.4	#
76	51.7	29.5	44.3	#





#15
Acrylonitrile
Concen: 21.121 ug/l
RT: 5.085 min Scan# 551
Delta R.T. 0.006 min
Lab File: VY020684.D
Acq: 23 Dec 2024 11:30

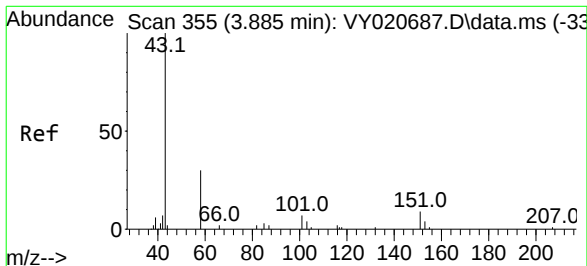
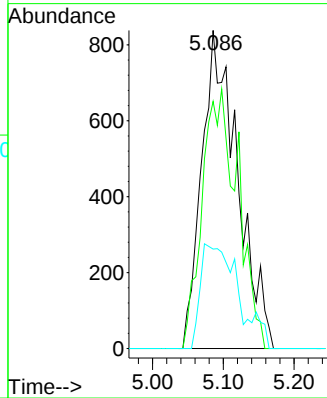
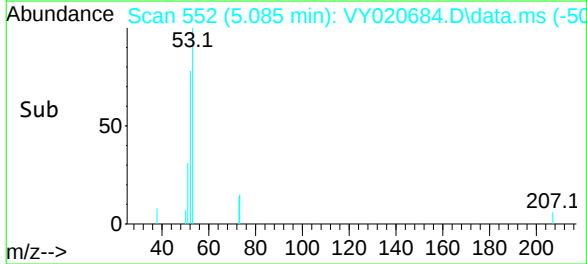
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005



Tgt Ion: 53 Resp: 2940
Ion Ratio Lower Upper
53 100
52 81.2 64.5 96.7
51 0.0 29.4 44.0#

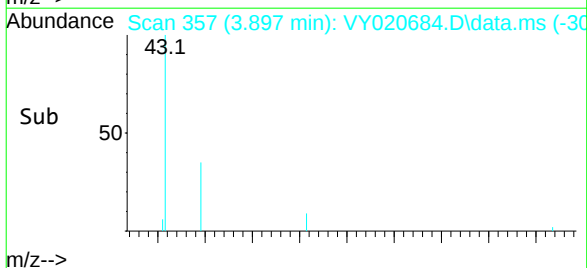
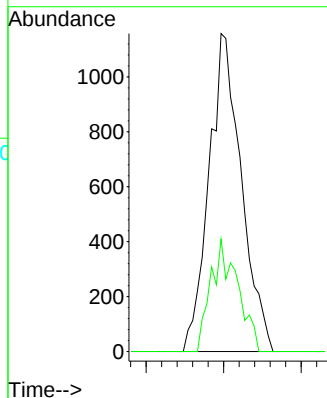
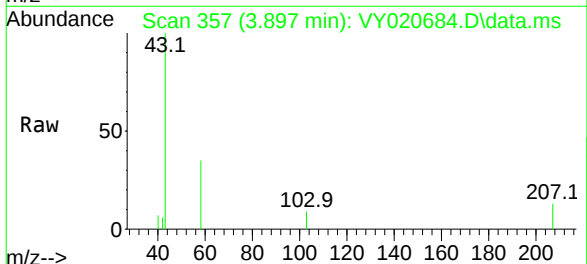
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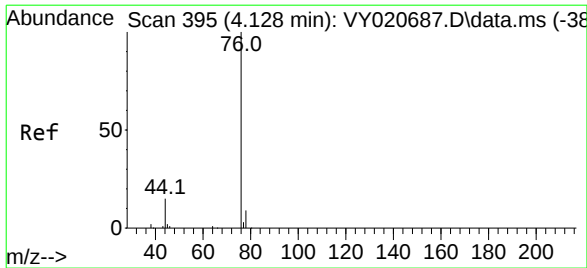
Reviewed By :Semsettin Yesilyurt 12/24/2024
Supervised By :Mahesh Dadoda 12/26/2024



#16
Acetone
Concen: 28.936 ug/l
RT: 3.897 min Scan# 357
Delta R.T. 0.012 min
Lab File: VY020684.D
Acq: 23 Dec 2024 11:30

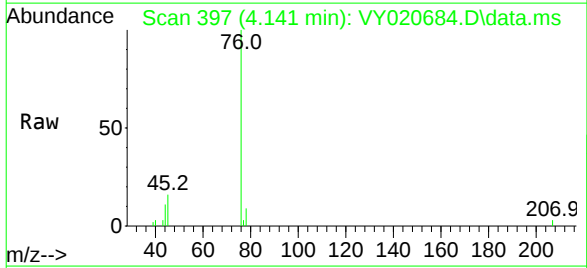
Tgt Ion: 43 Resp: 3356
Ion Ratio Lower Upper
43 100
58 35.3 25.0 37.6





#17
Carbon Disulfide
Concen: 3.933 ug/l
RT: 4.141 min Scan# 395
Delta R.T. 0.012 min
Lab File: VY020684.D
Acq: 23 Dec 2024 11:30

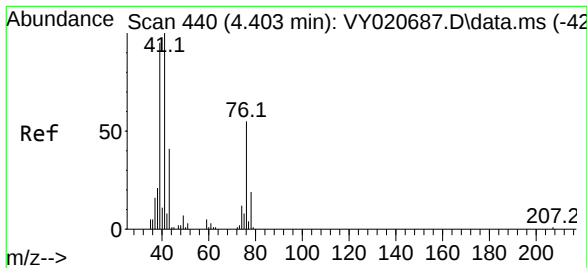
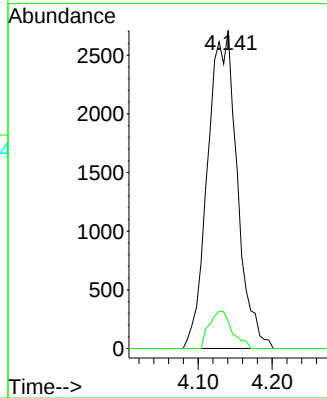
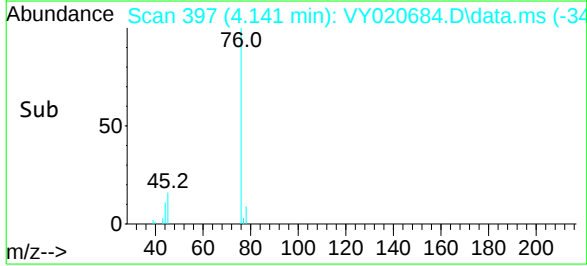
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005



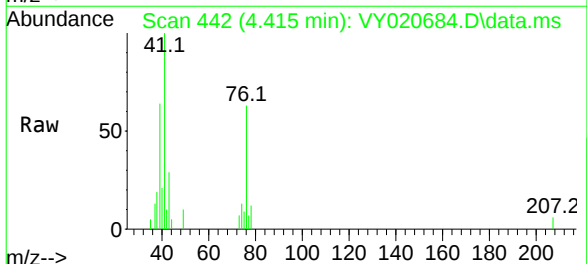
Tgt Ion: 76 Resp: 7498
Ion Ratio Lower Upper
76 100
78 8.6 7.2 10.8

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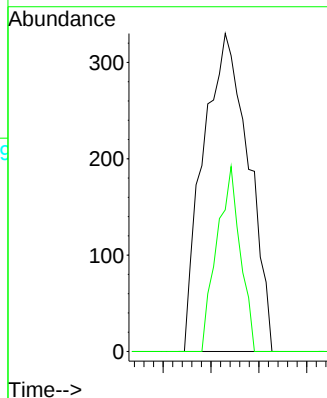
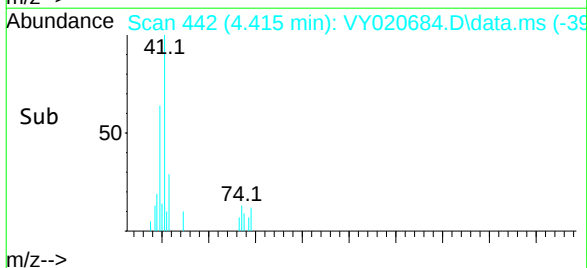
Reviewed By :Semsettin Yesilyurt 12/24/2024
Supervised By :Mahesh Dadoda 12/26/2024

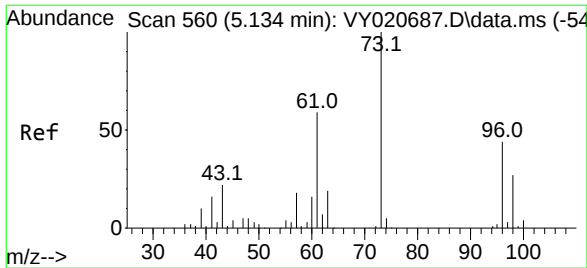


#18
Methyl Acetate
Concen: 3.599 ug/l
RT: 4.415 min Scan# 442
Delta R.T. 0.012 min
Lab File: VY020684.D
Acq: 23 Dec 2024 11:30



Tgt Ion: 43 Resp: 1080
Ion Ratio Lower Upper
43 100
74 30.3 19.2 28.8#





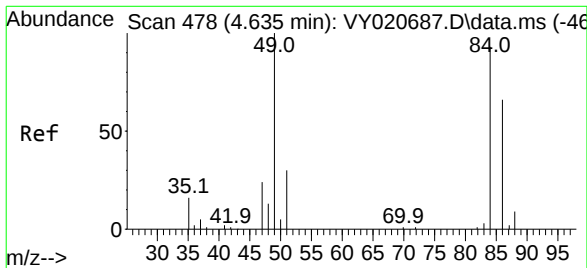
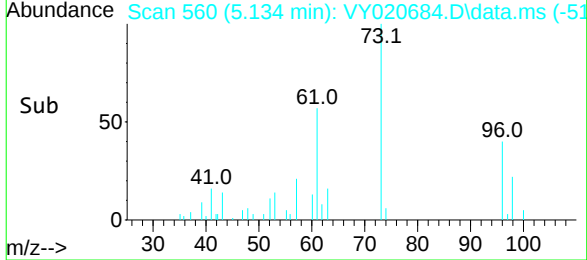
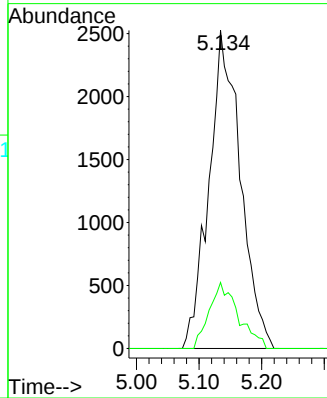
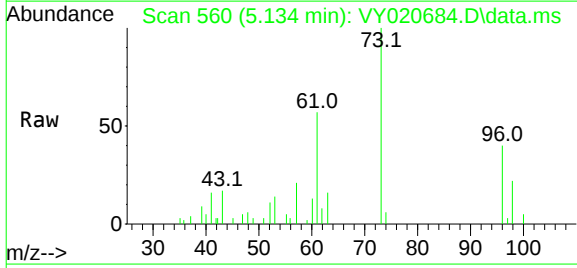
#19
Methyl tert-butyl Ether
Concen: 4.241 ug/l
RT: 5.134 min Scan# 560
Delta R.T. -0.000 min
Lab File: VY020684.D
Acq: 23 Dec 2024 11:30

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tgt Ion: 73 Resp: 8821
Ion Ratio Lower Upper
73 100
57 20.8 18.5 27.7

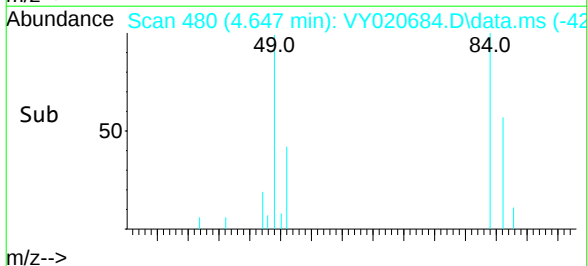
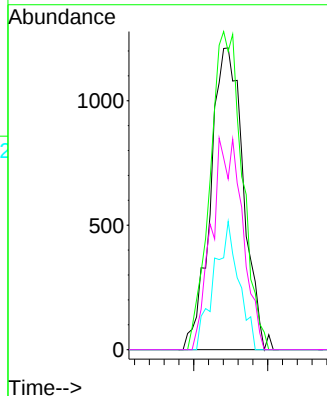
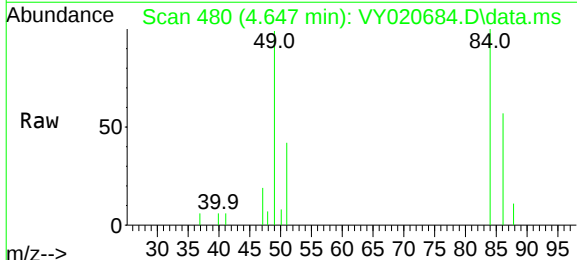
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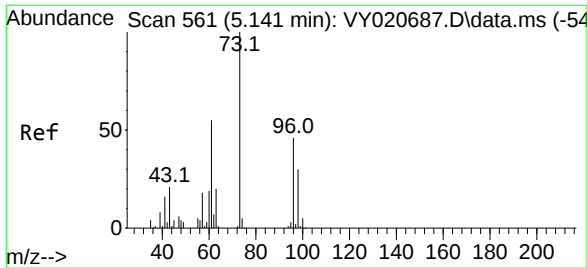
Reviewed By :Semsettin Yesilyurt 12/24/2024
Supervised By :Mahesh Dadoda 12/26/2024



#20
Methylene Chloride
Concen: 4.807 ug/l
RT: 4.647 min Scan# 480
Delta R.T. 0.012 min
Lab File: VY020684.D
Acq: 23 Dec 2024 11:30

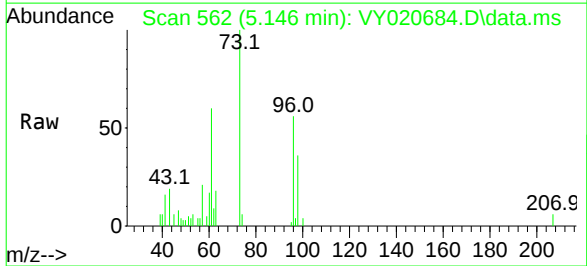
Tgt Ion: 84 Resp: 3715
Ion Ratio Lower Upper
84 100
49 98.8 100.7 151.1#
51 42.5 32.2 48.2
86 56.6 53.0 79.6





#21
trans-1,2-Dichloroethene
Concen: 4.307 ug/l
RT: 5.146 min Scan# 561
Delta R.T. 0.006 min
Lab File: VY020684.D
Acq: 23 Dec 2024 11:30

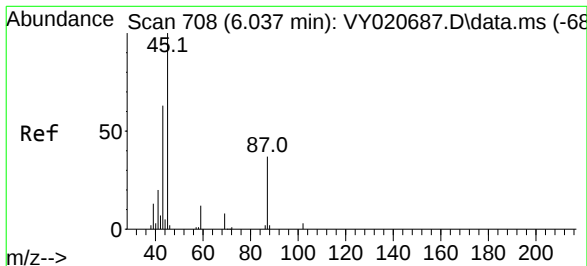
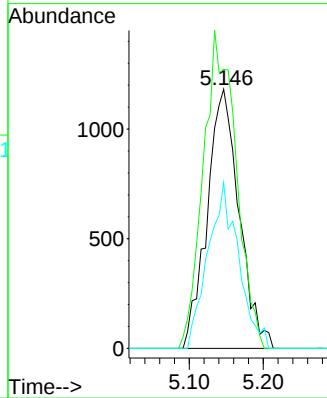
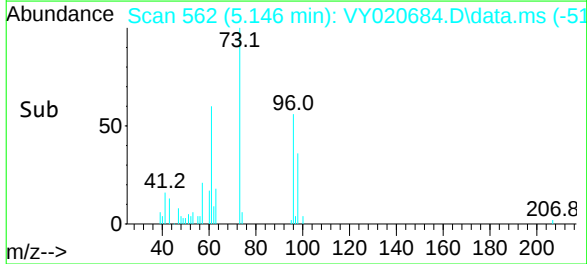
Instrument : MSVOA_Y
ClientSampleId : VSTDIC005



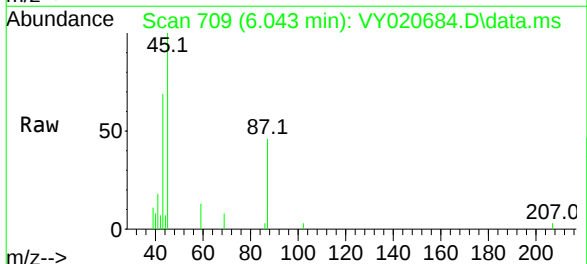
Tgt Ion: 96 Resp: 3551
Ion Ratio Lower Upper
96 100
61 107.7 113.7 170.5#
98 64.0 51.7 77.5

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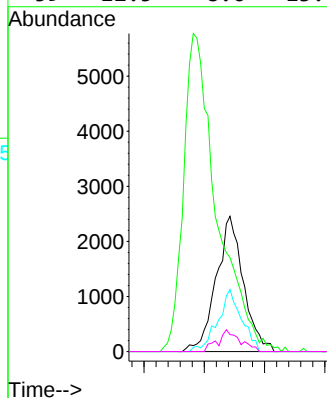
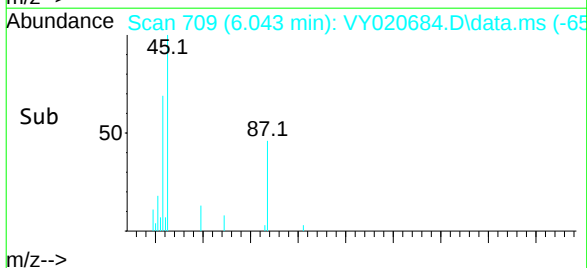
Reviewed By :Semsettin Yesilyurt 12/24/2024
Supervised By :Mahesh Dadoda 12/26/2024

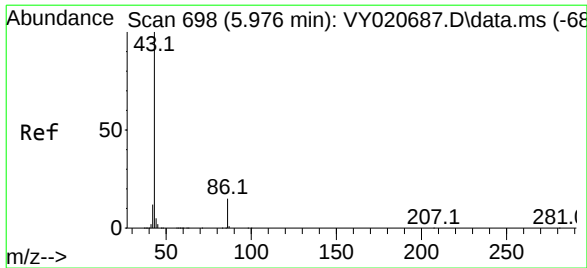


#22
Diisopropyl ether
Concen: 4.197 ug/l
RT: 6.043 min Scan# 709
Delta R.T. 0.006 min
Lab File: VY020684.D
Acq: 23 Dec 2024 11:30



Tgt Ion: 45 Resp: 7693
Ion Ratio Lower Upper
45 100
43 66.0 42.6 64.0#
87 45.9 20.6 31.0#
59 12.5 8.6 13.0





#23

Vinyl Acetate

Concen: 20.396 ug/l

RT: 5.982 min Scan# 698

Delta R.T. 0.006 min

Lab File: VY020684.D

Acq: 23 Dec 2024 11:30

Instrument :

MSVOA_Y

ClientSampleId :

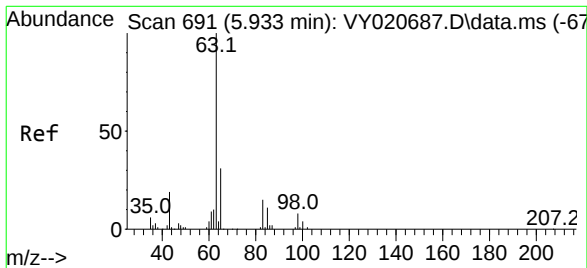
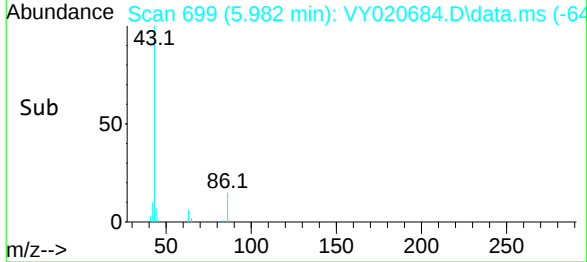
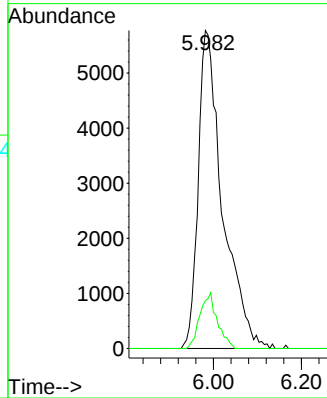
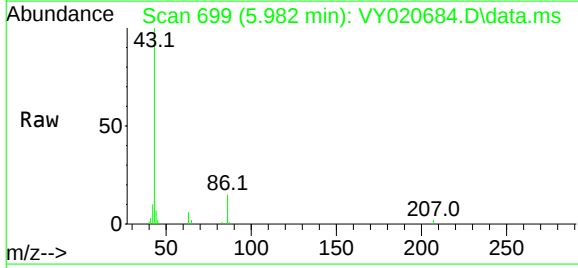
VSTDICC005

Tgt Ion: 43	Resp: 22139
Ion Ratio	Lower Upper
43 100	
86 15.0	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: 4.195 ug/l

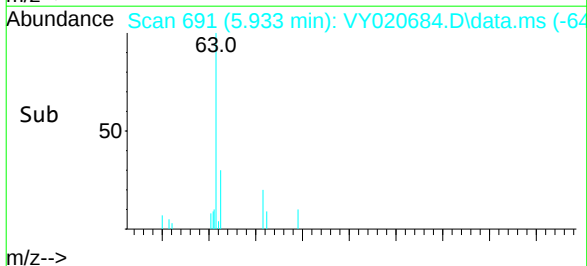
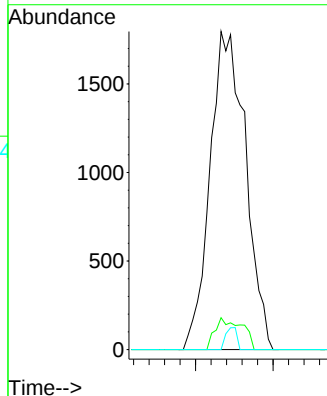
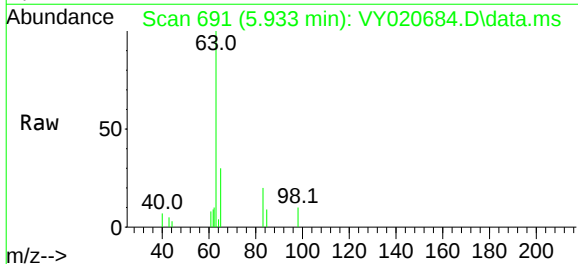
RT: 5.933 min Scan# 691

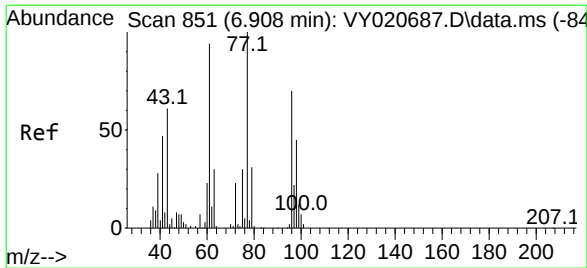
Delta R.T. -0.000 min

Lab File: VY020684.D

Acq: 23 Dec 2024 11:30

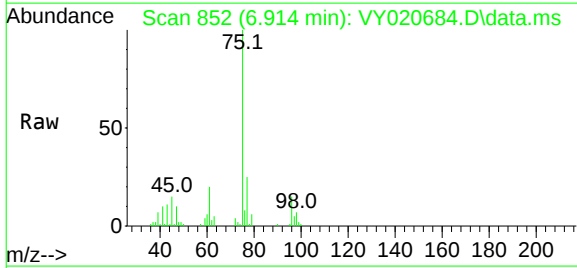
Tgt Ion: 63	Resp: 5733
Ion Ratio	Lower Upper
63 100	
98 10.0	3.4 10.1
100 0.0	2.1 6.5#





#25
2-Butanone
Concen: 24.392 ug/l
RT: 6.914 min Scan# 851
Delta R.T. 0.006 min
Lab File: VY020684.D
Acq: 23 Dec 2024 11:30

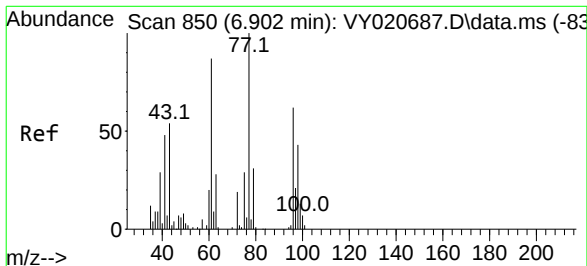
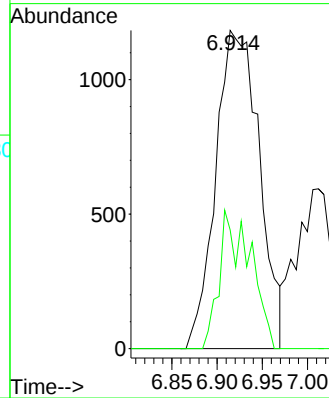
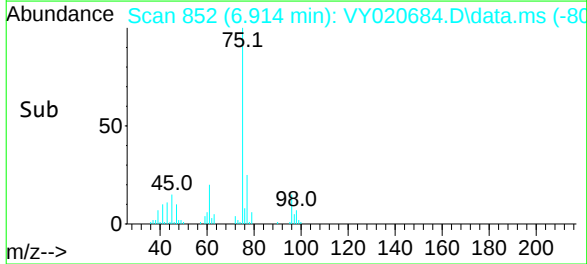
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005



Tgt Ion: 43 Resp: 3974
Ion Ratio Lower Upper
43 100
72 37.3 20.6 31.0#

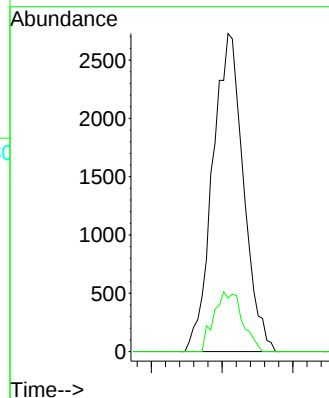
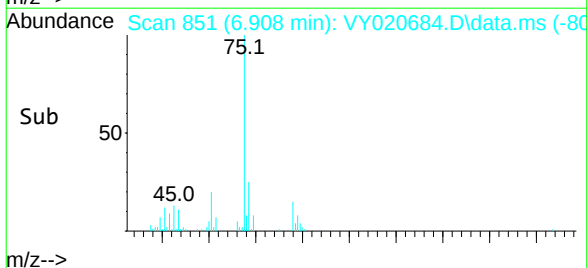
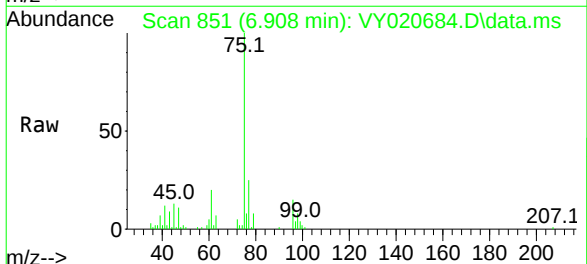
Manual Integrations
APPROVED

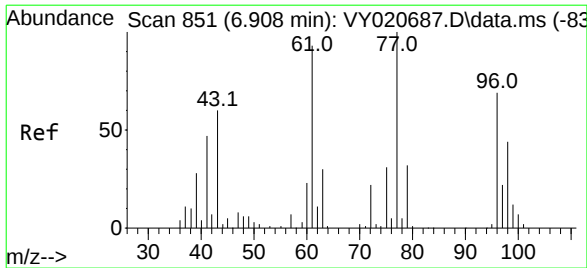
Reviewed By :Semsettin Yesilyurt 12/24/2024
Supervised By :Mahesh Dadoda 12/26/2024



#26
2,2-Dichloropropane
Concen: 4.831 ug/l
RT: 6.908 min Scan# 851
Delta R.T. 0.006 min
Lab File: VY020684.D
Acq: 23 Dec 2024 11:30

Tgt Ion: 77 Resp: 8260
Ion Ratio Lower Upper
77 100
97 17.3 10.9 32.6





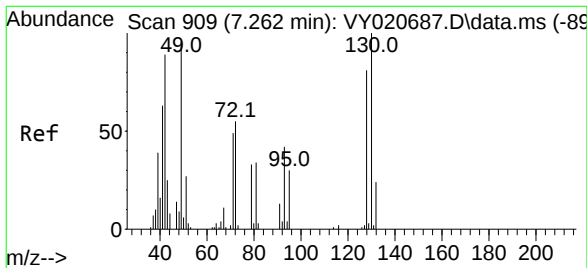
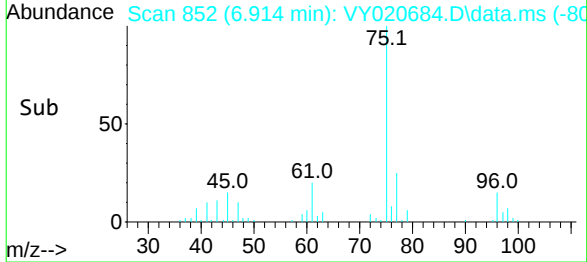
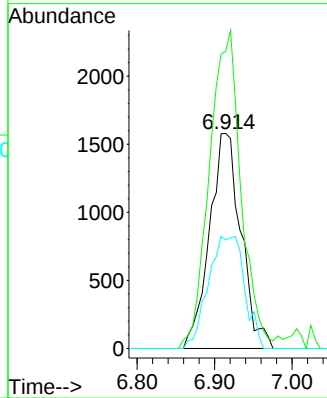
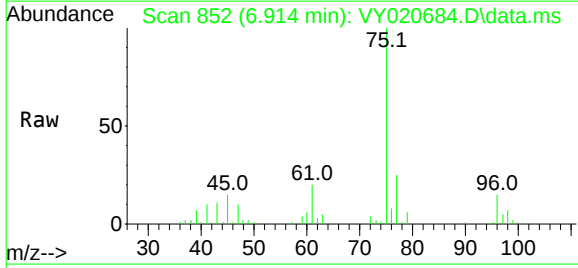
#27
cis-1,2-Dichloroethene
Concen: 4.538 ug/l
RT: 6.914 min Scan# 851
Delta R.T. 0.006 min
Lab File: VY020684.D
Acq: 23 Dec 2024 11:30

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tgt Ion: 96	Resp: 4456
Ion Ratio	Lower Upper
96 100	
61 148.6	0.0 306.2
98 59.9	0.0 127.2

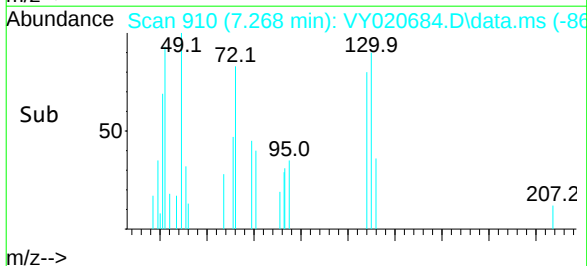
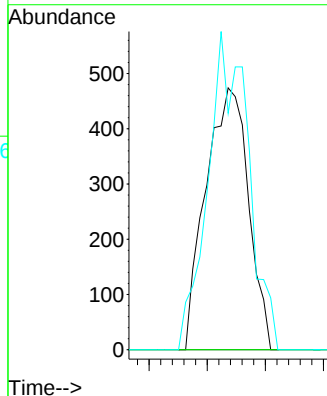
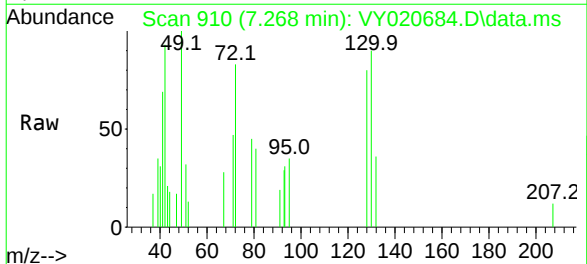
Manual Integrations
APPROVED

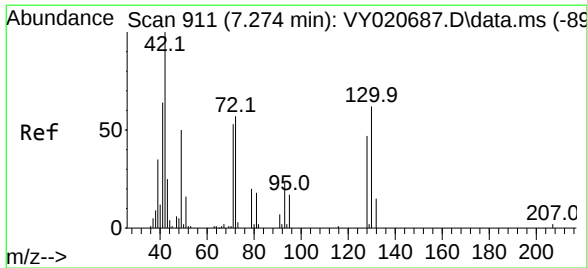
Reviewed By :Semsettin Yesilyurt 12/24/2024
Supervised By :Mahesh Dadoda 12/26/2024



#28
Bromochloromethane
Concen: 6.257 ug/l
RT: 7.268 min Scan# 910
Delta R.T. 0.006 min
Lab File: VY020684.D
Acq: 23 Dec 2024 11:30

Tgt Ion: 49	Resp: 1210
Ion Ratio	Lower Upper
49 100	
129 0.0	0.0 3.8
130 114.7	58.3 87.5#





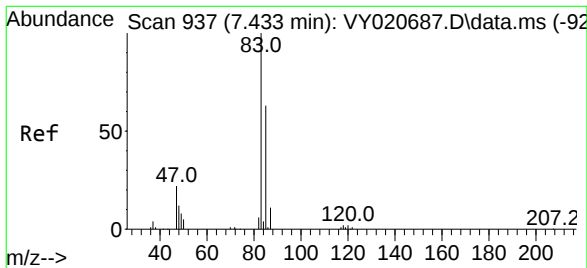
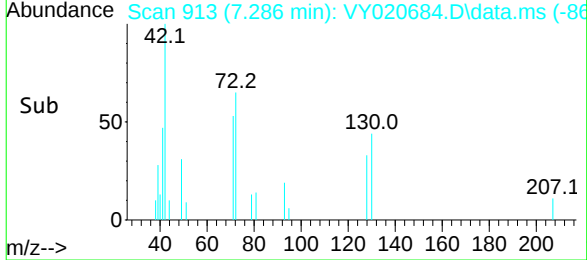
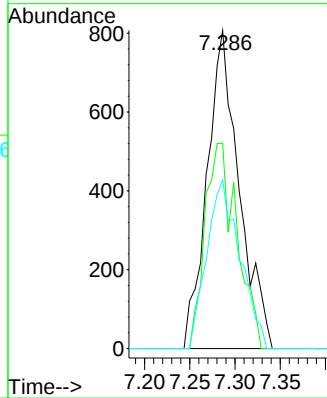
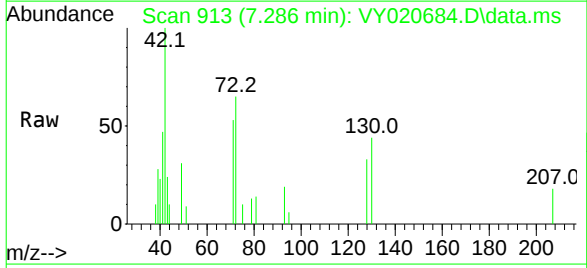
#29
Tetrahydrofuran
Concen: 20.802 ug/l
RT: 7.286 min Scan# 911
Delta R.T. 0.012 min
Lab File: VY020684.D
Acq: 23 Dec 2024 11:30

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Tgt Ion: 42	Resp: 1992
Ion Ratio	Lower Upper
42 100	
72 64.0	34.0 51.0
71 54.4	31.6 47.4

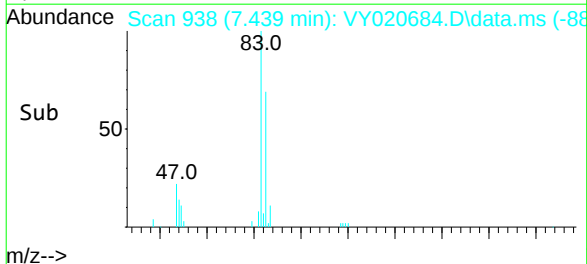
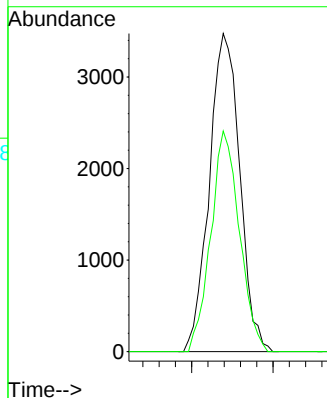
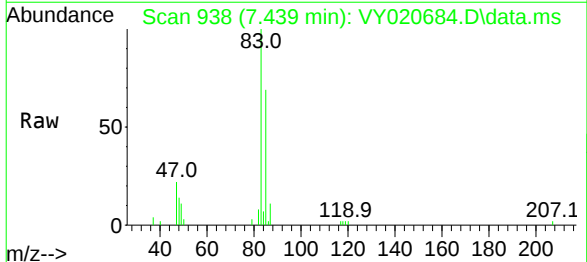
Manual Integrations
APPROVED

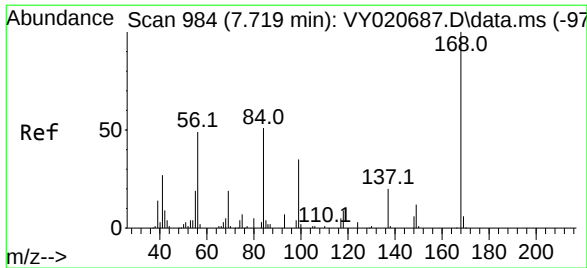
Reviewed By :Semsettin Yesilyurt 12/24/2024
Supervised By :Mahesh Dadoda 12/26/2024



#30
Chloroform
Concen: 5.021 ug/l
RT: 7.439 min Scan# 938
Delta R.T. 0.006 min
Lab File: VY020684.D
Acq: 23 Dec 2024 11:30

Tgt Ion: 83	Resp: 9018
Ion Ratio	Lower Upper
83 100	
85 69.4	52.7 79.1





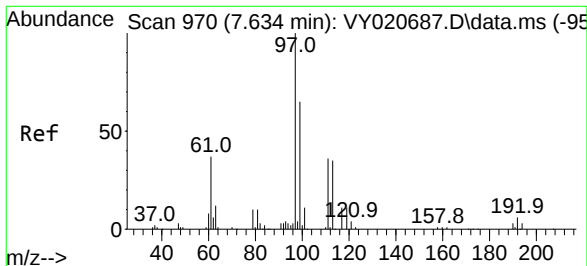
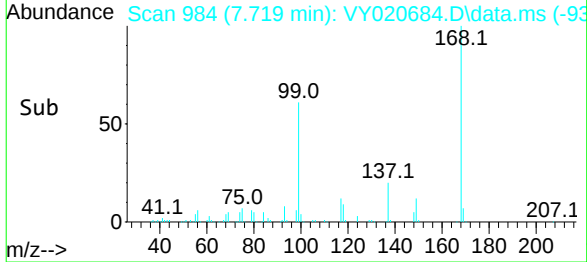
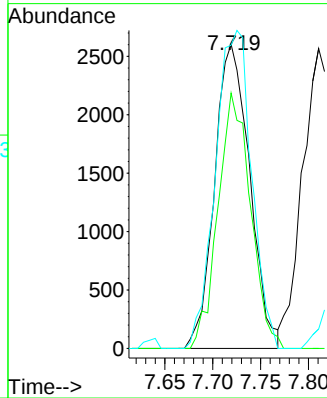
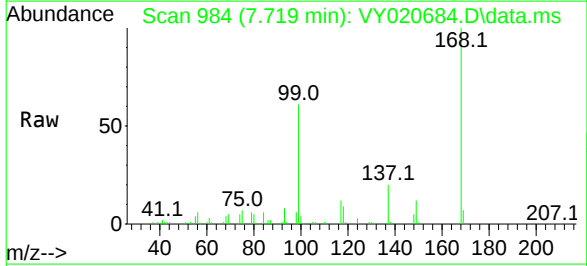
#31
Cyclohexane
Concen: 5.539 ug/l
RT: 7.719 min Scan# 984
Delta R.T. -0.000 min
Lab File: VY020684.D
Acq: 23 Dec 2024 11:30

Instrument : MSVOA_Y
ClientSampleId : VSTDIC005

Tgt Ion: 56 Resp: 6636
Ion Ratio Lower Upper
56 100
69 83.9 25.4 38.0#
84 99.7 68.3 102.5

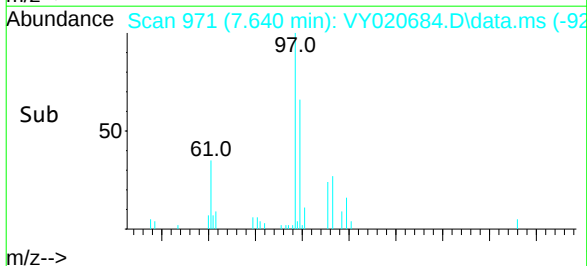
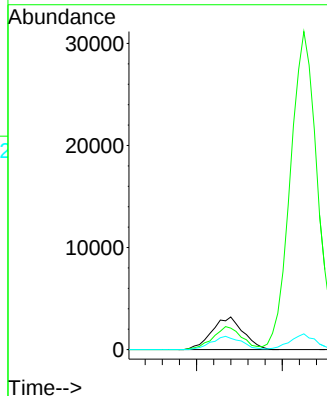
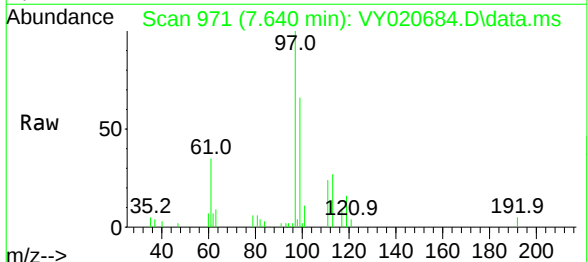
Manual Integrations
APPROVED

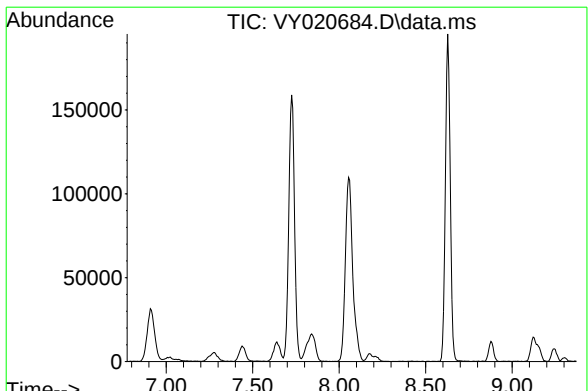
Reviewed By :Semsettin Yesilyurt 12/24/2024
Supervised By :Mahesh Dadoda 12/26/2024



#32
1,1,1-Trichloroethane
Concen: 4.313 ug/l
RT: 7.640 min Scan# 971
Delta R.T. 0.006 min
Lab File: VY020684.D
Acq: 23 Dec 2024 11:30

Tgt Ion: 97 Resp: 8094
Ion Ratio Lower Upper
97 100
99 66.0 51.6 77.4
61 39.0 34.7 52.1



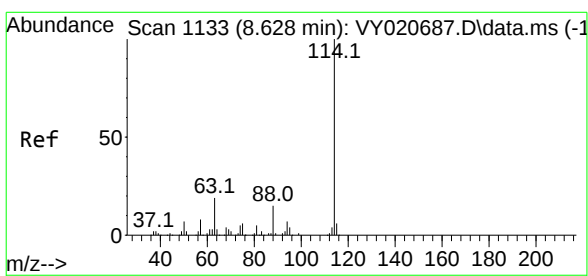
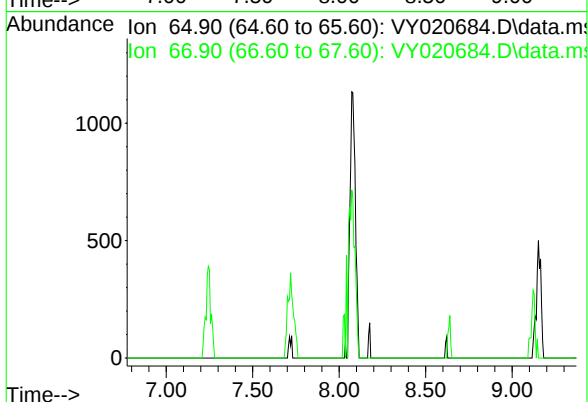


#33
 1,2-Dichloroethane-d4
 Concen: 0.000 ug/l
 Expected RT: 8.07 min
 Lab File: VY020684.D
 Acq: 23 Dec 2024 11:30

Instrument : MSVOA_Y
 ClientSampleId : VSTDICC005

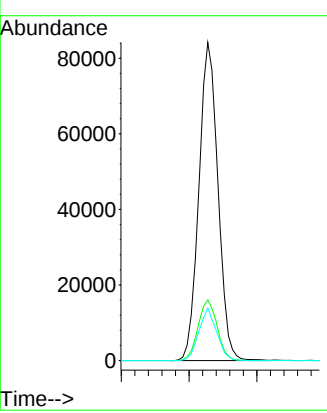
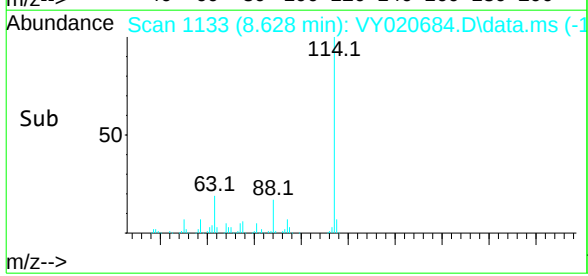
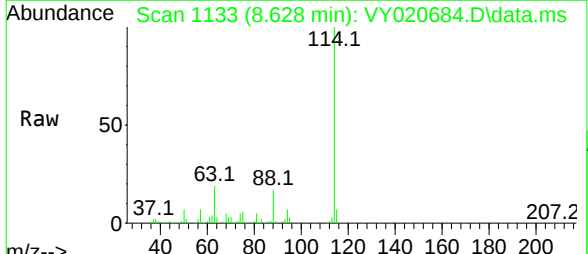
Tgt Ion: 65
 Sig Exp Ratio
 65 100
 67 54.0

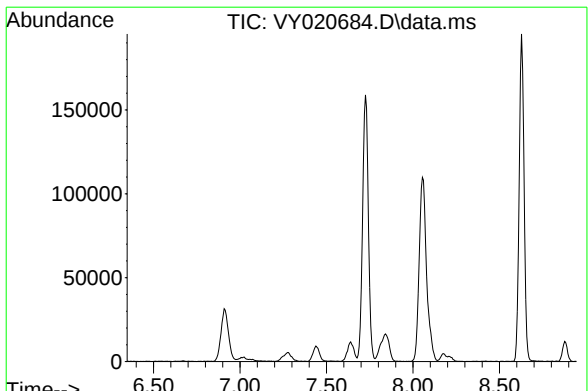
Manual Integrations
APPROVED
 Reviewed By :Semsettin Yesilyurt 12/24/2024
 Supervised By :Mahesh Dadoda 12/26/2024



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.628 min Scan# 1133
 Delta R.T. -0.000 min
 Lab File: VY020684.D
 Acq: 23 Dec 2024 11:30

Tgt Ion:114 Resp: 164576
 Ion Ratio Lower Upper
 114 100
 63 19.1 0.0 44.0
 88 16.5 0.0 32.8





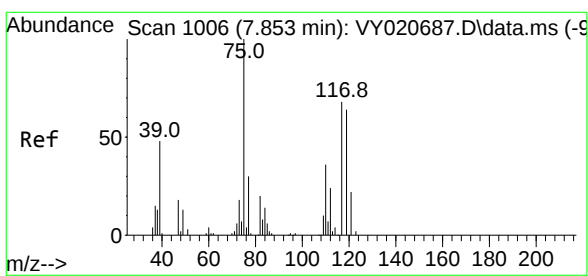
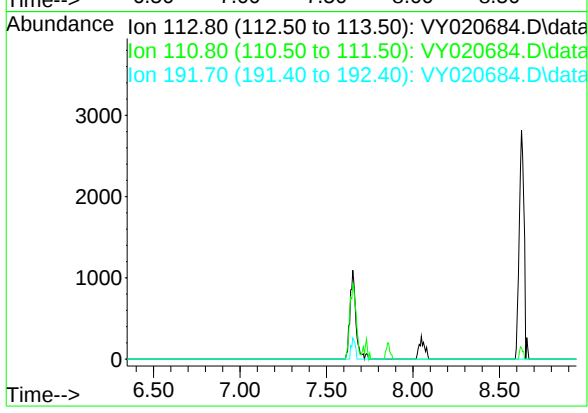
#35
 Dibromofluoromethane
 Concen: 0.000 ug/l
 Expected RT: 7.65 min
 Lab File: VY020684.D
 Acq: 23 Dec 2024 11:30

Instrument :
 MSVOA_Y
ClientSampleId :
 VSTDICC005

Tgt Ion: 113

Sig	Exp	Ratio
113	100	
111	103.6	
192	19.6	

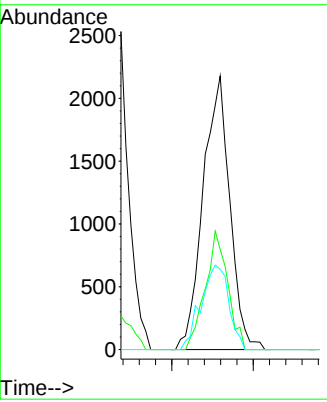
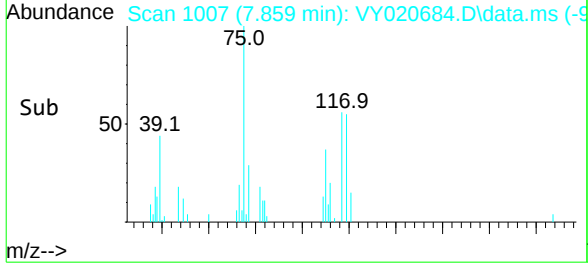
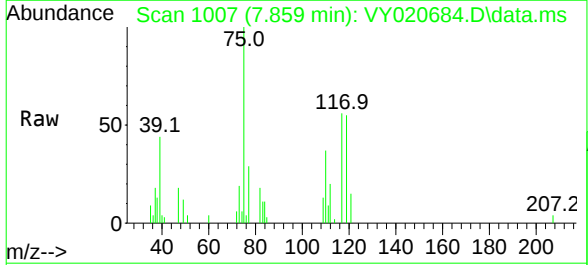
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 Reviewed By :Semsettin Yesilyurt 12/24/2024
 Supervised By :Mahesh Dadoda 12/26/2024

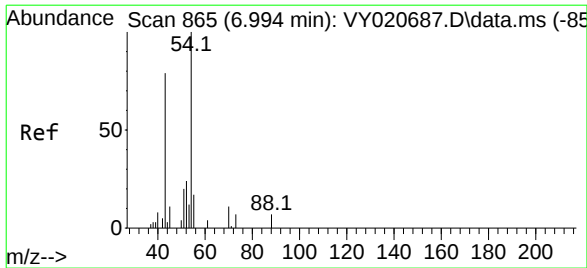


#36
 1,1-Dichloropropene
 Concen: 4.238 ug/l
 RT: 7.859 min Scan# 1007
 Delta R.T. 0.006 min
 Lab File: VY020684.D
 Acq: 23 Dec 2024 11:30

Tgt Ion: 75 Resp: 4978

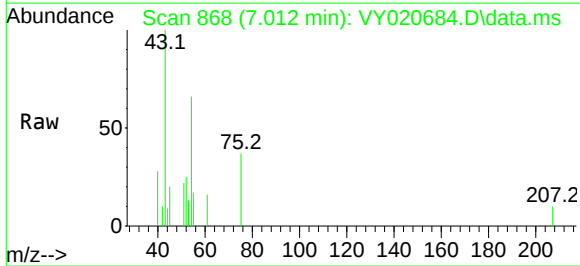
Ion	Ratio	Lower	Upper
75	100		
110	36.2	16.8	50.4
77	31.8	25.0	37.6





#37
Ethyl Acetate
Concen: 4.728 ug/l
RT: 7.012 min Scan# 865
Delta R.T. 0.018 min
Lab File: VY020684.D
Acq: 23 Dec 2024 11:30

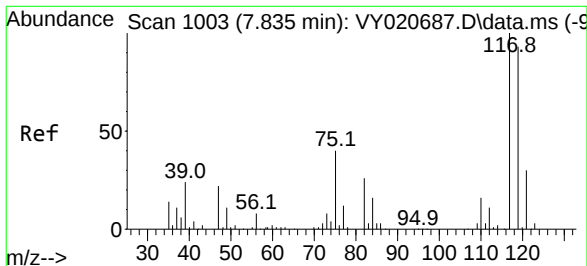
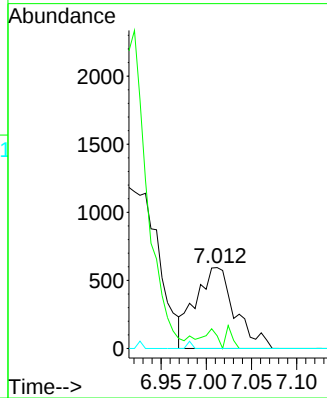
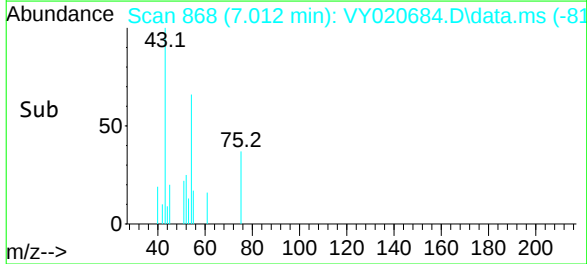
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005



Tgt Ion: 43 Resp: 1815
Ion Ratio Lower Upper
43 100
61 0.0 11.0 16.4#
70 0.0 7.9 11.9#

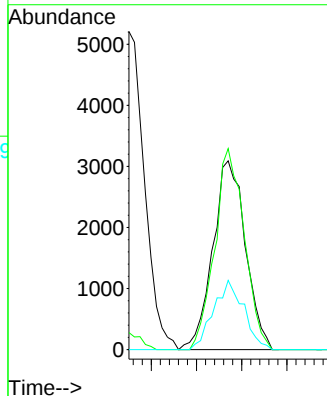
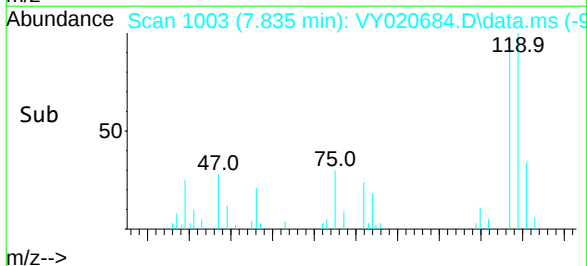
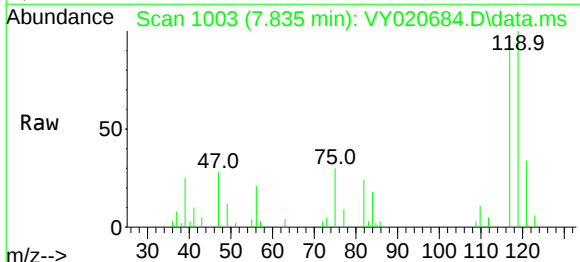
Manual Integrations
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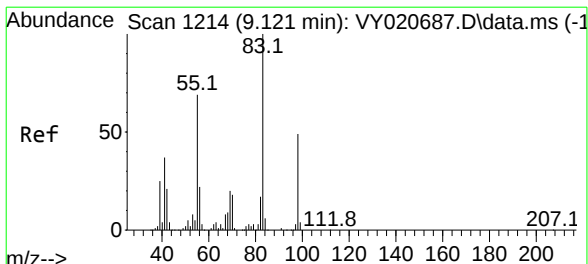
Reviewed By :Semsettin Yesilyurt 12/24/2024
Supervised By :Mahesh Dadoda 12/26/2024



#38
Carbon Tetrachloride
Concen: 4.086 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. -0.000 min
Lab File: VY020684.D
Acq: 23 Dec 2024 11:30

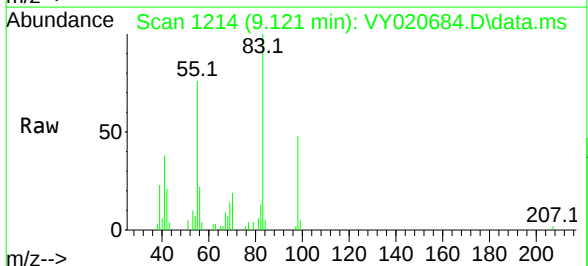
Tgt Ion:117 Resp: 7766
Ion Ratio Lower Upper
117 100
119 106.5 78.3 117.5
121 36.7 25.1 37.7





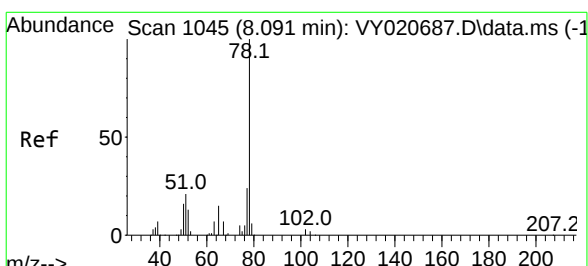
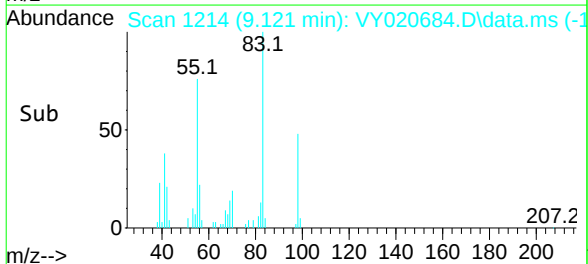
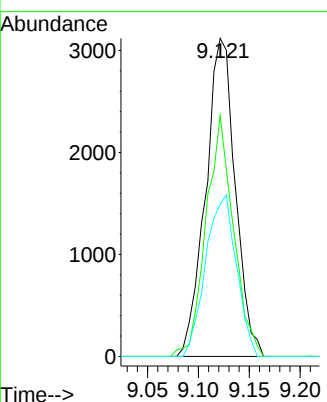
#39
Methylcyclohexane
Concen: 4.244 ug/l
RT: 9.121 min Scan# 1214
Delta R.T. -0.000 min
Lab File: VY020684.D
Acq: 23 Dec 2024 11:30

Instrument : MSVOA_Y
ClientSampleId : VSTDICC005



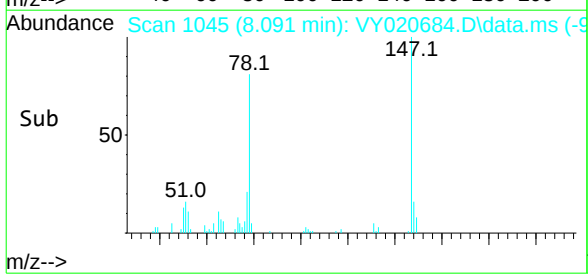
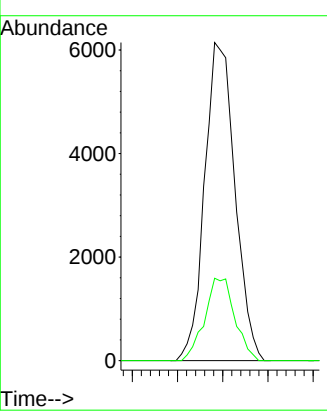
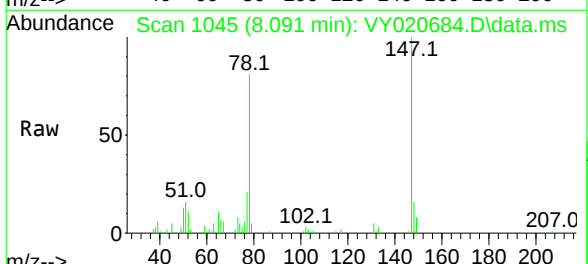
Tgt Ion:	83	Resp:	6337
Ion	Ratio	Lower	Upper
83	100		
55	75.7	61.4	92.0
98	47.9	37.3	55.9

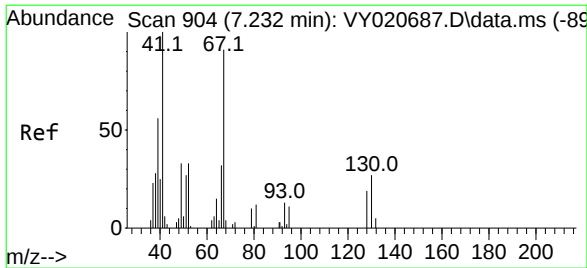
Manual Integrations
APPROVED
Reviewed By :Semsettin Yesilyurt 12/24/2024
Supervised By :Mahesh Dadoda 12/26/2024



#40
Benzene
Concen: 4.223 ug/l
RT: 8.091 min Scan# 1045
Delta R.T. -0.000 min
Lab File: VY020684.D
Acq: 23 Dec 2024 11:30

Tgt Ion:	78	Resp:	14311
Ion	Ratio	Lower	Upper
78	100		
77	25.9	20.1	30.1





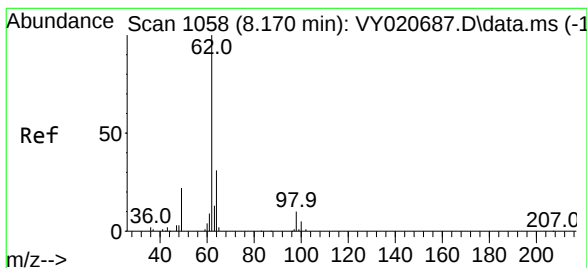
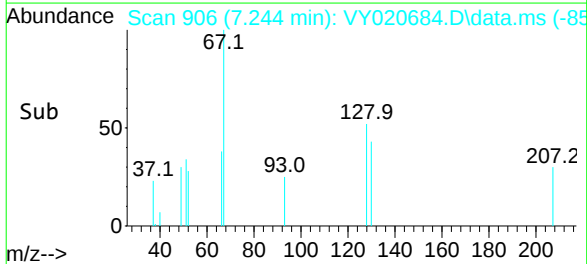
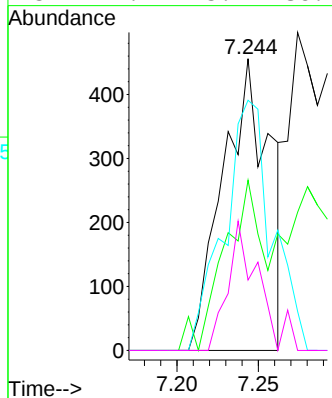
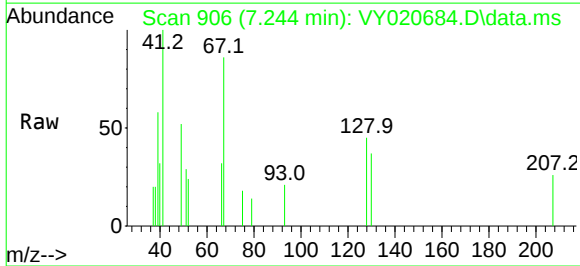
#41
Methacrylonitrile
Concen: 4.221 ug/l
RT: 7.244 min Scan# 904
Delta R.T. 0.012 min
Lab File: VY020684.D
Acq: 23 Dec 2024 11:30

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tgt Ion: 41	Resp: 917
Ion Ratio	Lower Upper
41 100	
39 47.3	53.6 80.4#
67 87.0	62.0 93.0
52 29.1	25.9 38.9

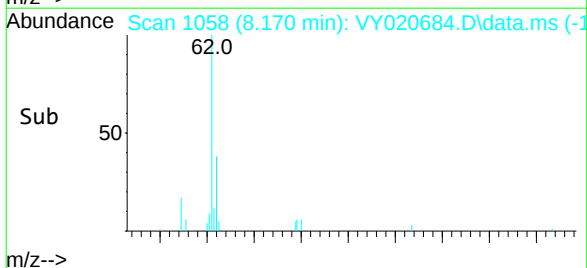
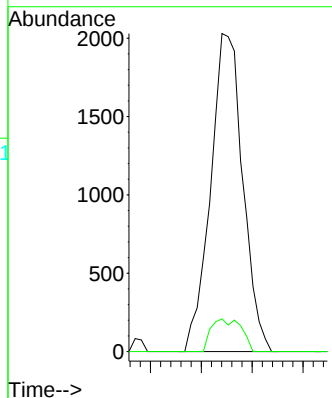
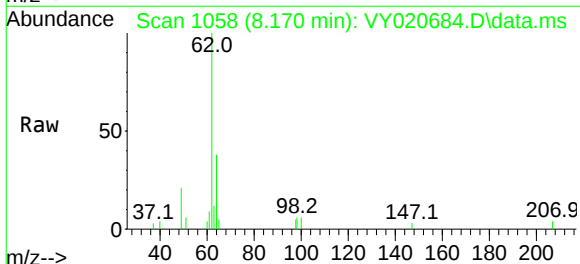
Manual Integrations
APPROVED

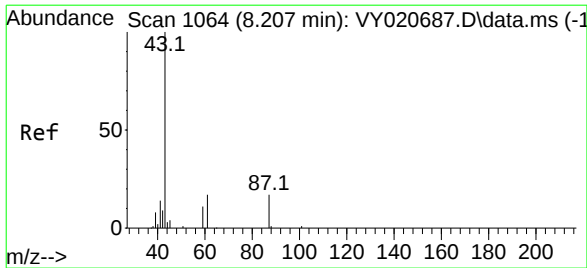
Reviewed By :Semsettin Yesilyurt 12/24/2024
Supervised By :Mahesh Dadoda 12/26/2024



#42
1,2-Dichloroethane
Concen: 4.145 ug/l
RT: 8.170 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VY020684.D
Acq: 23 Dec 2024 11:30

Tgt Ion: 62	Resp: 4467
Ion Ratio	Lower Upper
62 100	
98 9.6	0.0 18.0





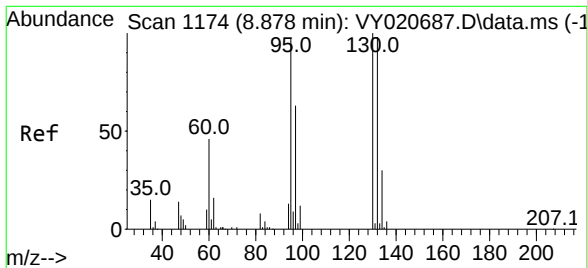
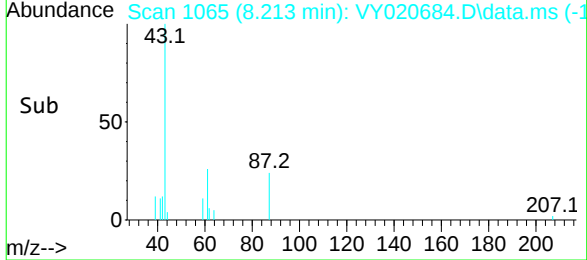
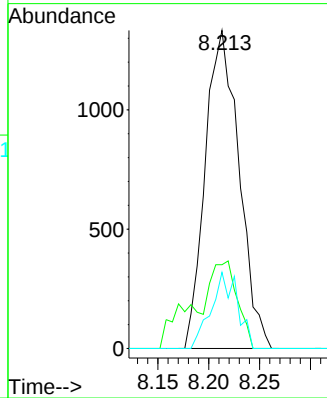
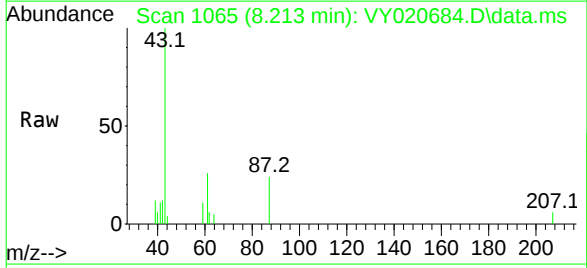
#43
Isopropyl Acetate
Concen: 3.863 ug/l
RT: 8.213 min Scan# 1065
Delta R.T. 0.006 min
Lab File: VY020684.D
Acq: 23 Dec 2024 11:30

Instrument : MSVOA_Y
ClientSampleId : VSTDIC005

Tgt Ion: 43	Resp: 3082
Ion Ratio	Lower Upper
43 100	
61 22.0	23.8 35.6
87 18.6	10.2 15.4

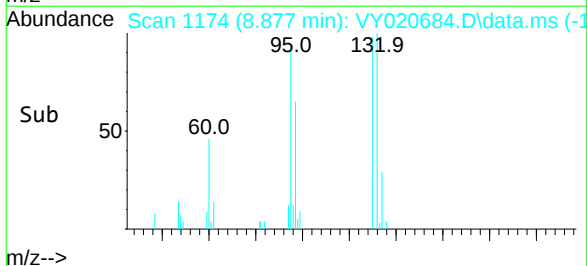
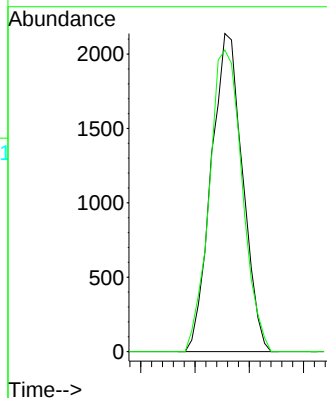
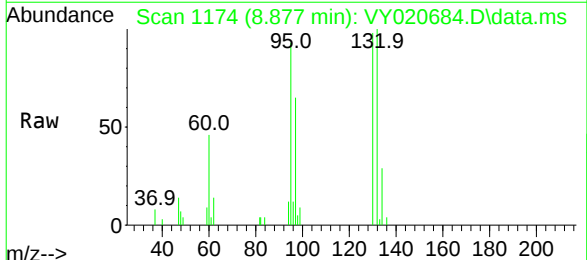
Manual Integrations
APPROVED

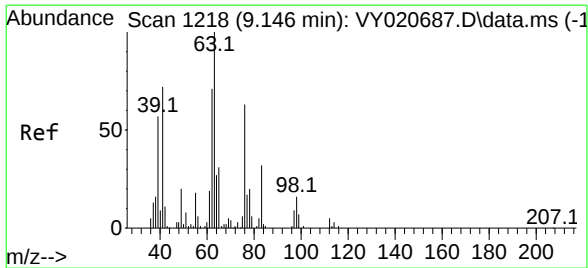
Reviewed By :Semsettin Yesilyurt 12/24/2024
Supervised By :Mahesh Dadoda 12/26/2024



#44
Trichloroethene
Concen: 4.265 ug/l
RT: 8.877 min Scan# 1174
Delta R.T. -0.000 min
Lab File: VY020684.D
Acq: 23 Dec 2024 11:30

Tgt Ion:130	Resp: 4289
Ion Ratio	Lower Upper
130 100	
95 94.8	0.0 203.2

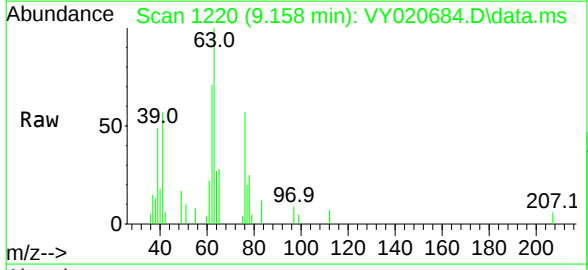




#45
 1,2-Dichloropropane
 Concen: 4.091 ug/l
 RT: 9.158 min Scan# 1218
 Delta R.T. 0.012 min
 Lab File: VY020684.D
 Acq: 23 Dec 2024 11:30

Instrument :

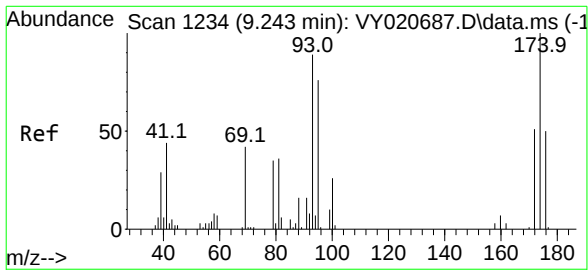
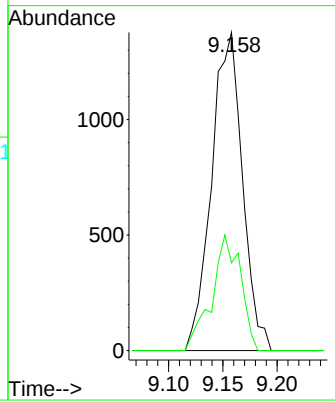
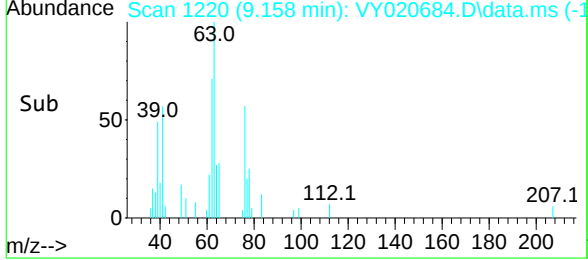
MSVOA_Y
 ClientSampleId :
 VSTDICC005



Tgt Ion:	63	Resp:	2724
Ion	Ratio	Lower	Upper
63	100		
65	27.6	25.9	38.9

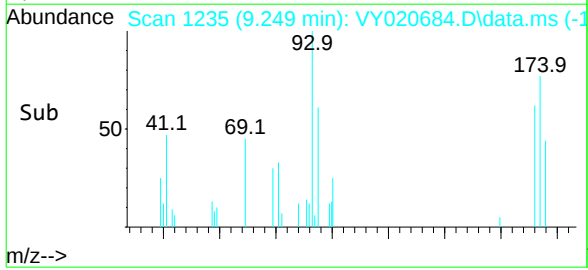
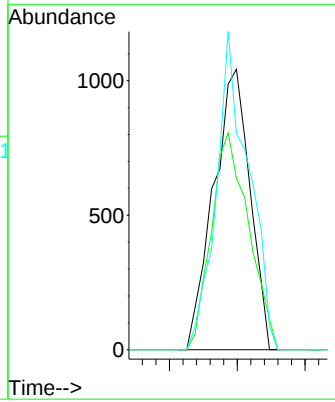
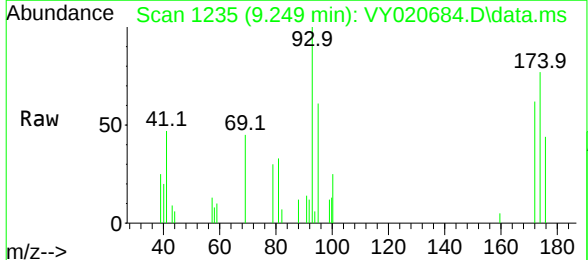
Manual Integrations
 APPROVED

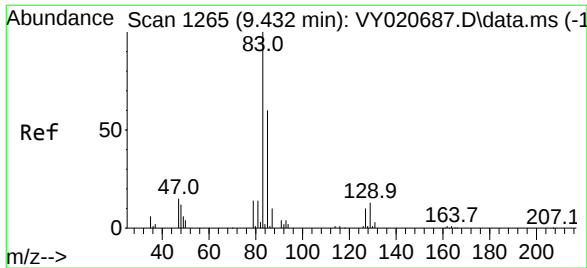
Reviewed By :Semsettin Yesilyurt 12/24/2024
 Supervised By :Mahesh Dadoda 12/26/2024



#46
 Dibromomethane
 Concen: 4.234 ug/l
 RT: 9.249 min Scan# 1235
 Delta R.T. 0.006 min
 Lab File: VY020684.D
 Acq: 23 Dec 2024 11:30

Tgt Ion:	93	Resp:	1946
Ion	Ratio	Lower	Upper
93	100		
95	79.1	66.7	100.1
174	100.2	77.8	116.6





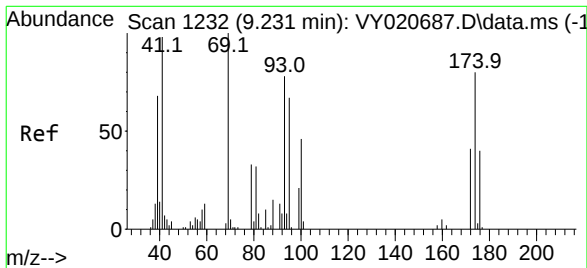
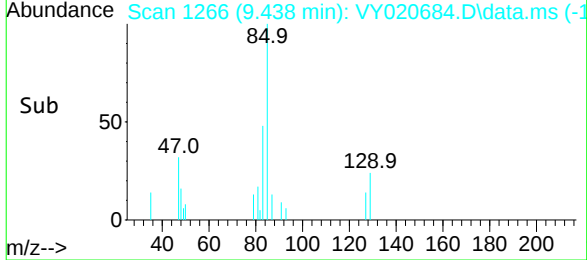
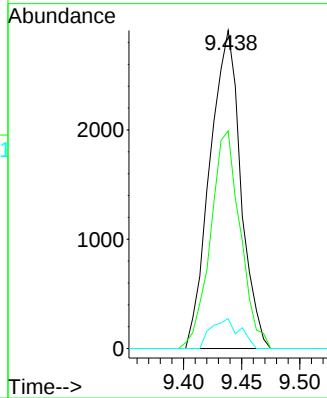
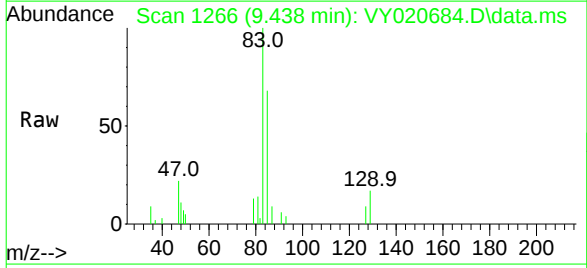
#47
Bromodichloromethane
Concen: 4.121 ug/l
RT: 9.438 min Scan# 1265
Delta R.T. 0.006 min
Lab File: VY020684.D
Acq: 23 Dec 2024 11:30

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tgt Ion: 83	Resp: 5373
Ion Ratio	Lower Upper
83 100	
85 68.4	52.1 78.1
127 9.4	6.7 10.1

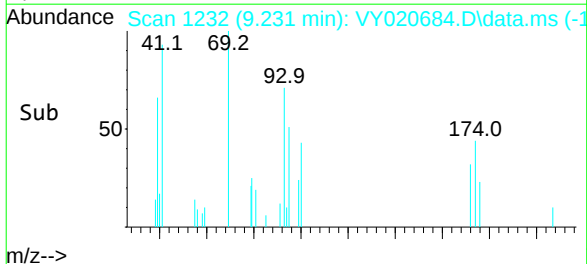
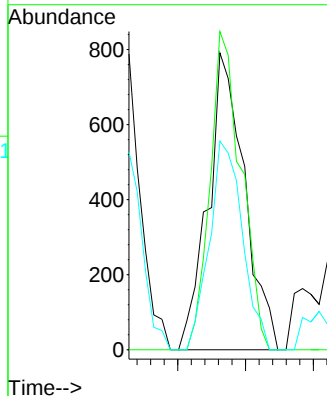
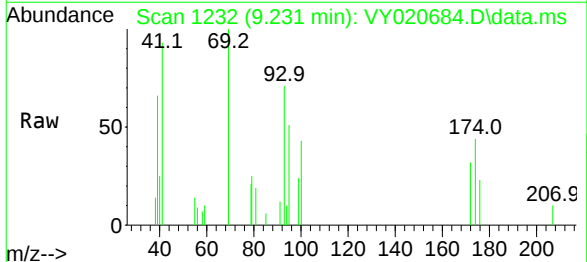
Manual Integrations
APPROVED

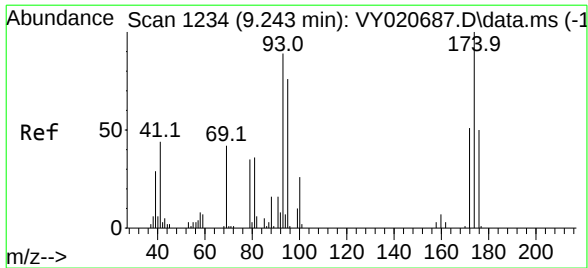
Reviewed By :Semsettin Yesilyurt 12/24/2024
Supervised By :Mahesh Dadoda 12/26/2024



#48
Methyl methacrylate
Concen: 3.913 ug/l
RT: 9.231 min Scan# 1232
Delta R.T. -0.000 min
Lab File: VY020684.D
Acq: 23 Dec 2024 11:30

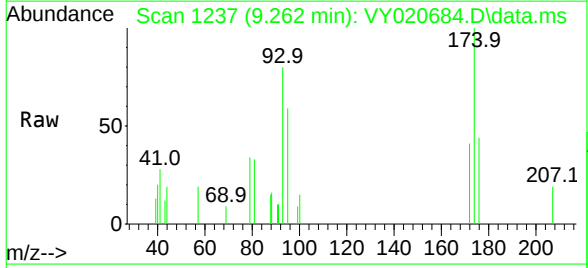
Tgt Ion: 41	Resp: 1480
Ion Ratio	Lower Upper
41 100	
69 91.6	67.2 100.8
39 63.6	42.2 63.4#





#49
1,4-Dioxane
Concen: 66.488 ug/l
RT: 9.262 min Scan# 12
Delta R.T. 0.019 min
Lab File: VY020684.D
Acq: 23 Dec 2024 11:30

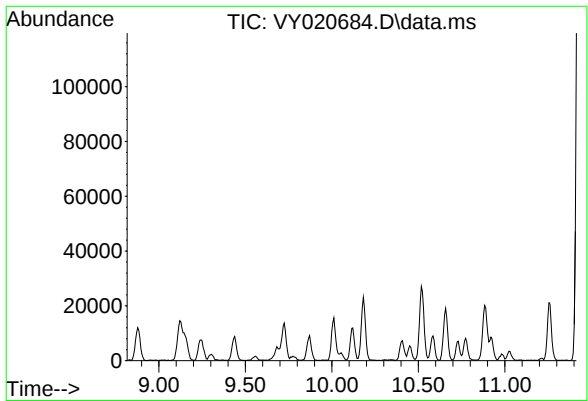
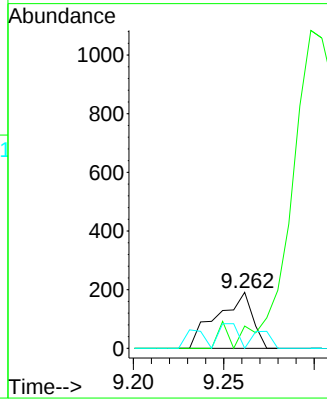
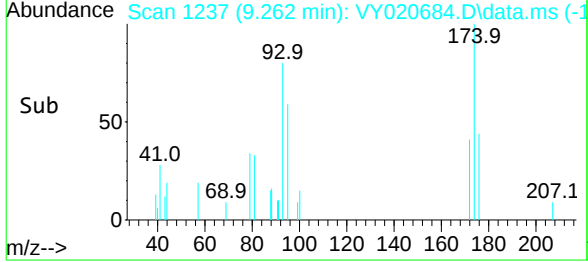
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005



Tgt Ion:	88	Resp:	259
Ion Ratio	Lower	Upper	
88	100		
43	0.0	27.6	41.4
58	23.6	61.7	92.5

Manual Integrations
APPROVED

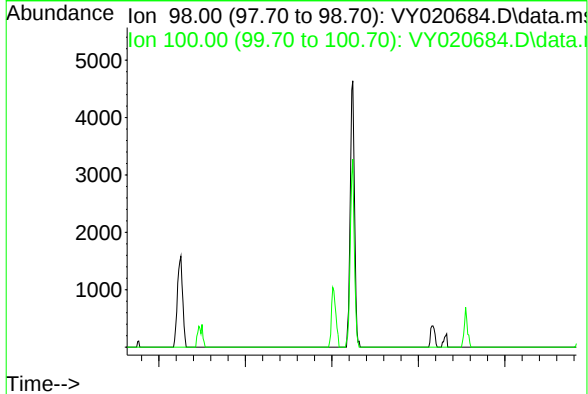
Reviewed By :Semsettin Yesilyurt 12/24/2024
Supervised By :Mahesh Dadoda 12/26/2024

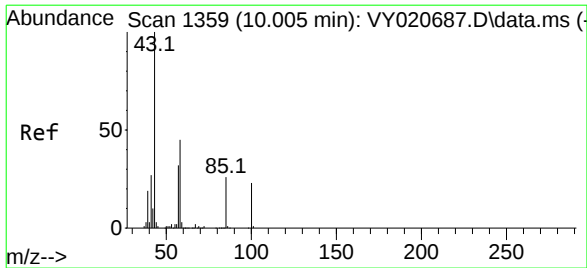


#50
Toluene-d8
Concen: 0.000 ug/l
Expected RT: 10.12 min

Lab File: VY020684.D
Acq: 23 Dec 2024 11:30

Tgt Ion:	98
Sig	Exp Ratio
98	100
100	65.1





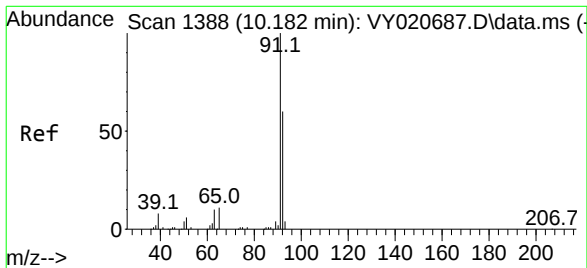
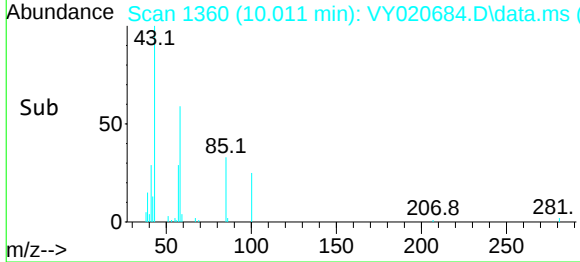
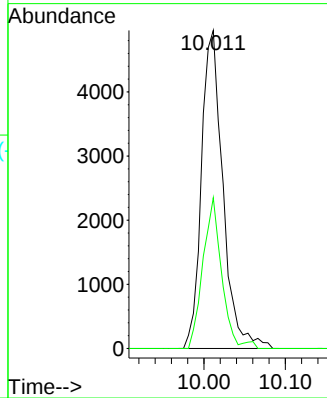
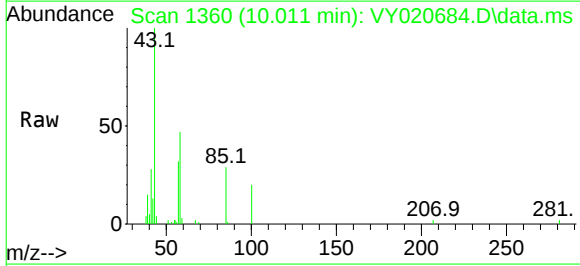
#51
4-Methyl-2-Pentanone
Concen: 22.757 ug/l
RT: 10.011 min Scan# 1359
Delta R.T. 0.006 min
Lab File: VY020684.D
Acq: 23 Dec 2024 11:30

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Tgt Ion: 43 Resp: 9070
Ion Ratio Lower Upper
43 100
58 40.7 31.4 47.2

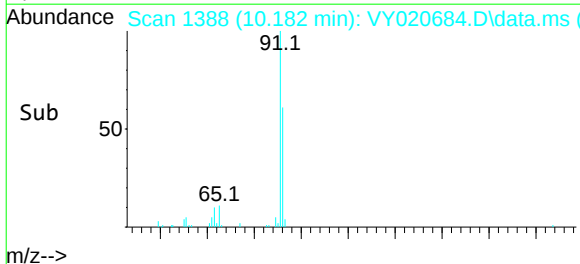
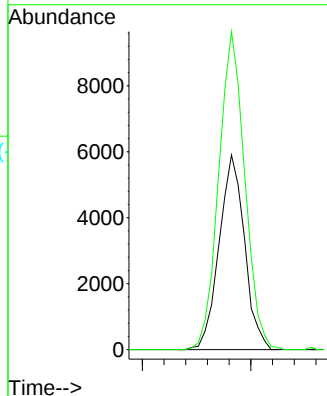
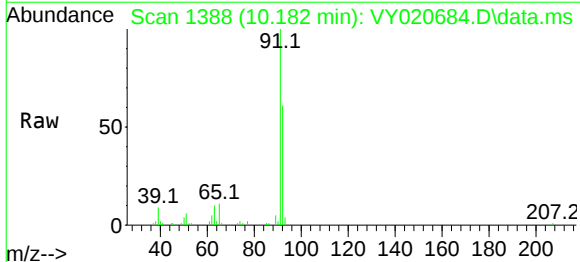
Manual Integrations
APPROVED

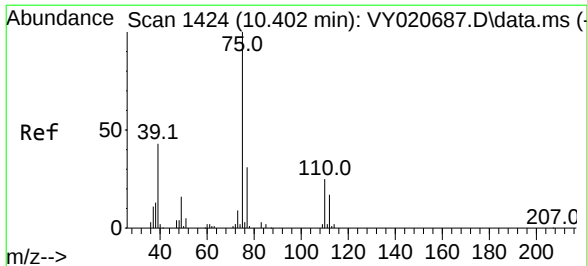
Reviewed By :Semsettin Yesilyurt 12/24/2024
Supervised By :Mahesh Dadoda 12/26/2024



#52
Toluene
Concen: 4.153 ug/l
RT: 10.182 min Scan# 1388
Delta R.T. -0.000 min
Lab File: VY020684.D
Acq: 23 Dec 2024 11:30

Tgt Ion: 92 Resp: 9584
Ion Ratio Lower Upper
92 100
91 167.7 137.4 206.0





#53

t-1,3-Dichloropropene

Concen: 3.946 ug/l

RT: 10.408 min Scan# 14

Delta R.T. 0.006 min

Lab File: VY020684.D

Acq: 23 Dec 2024 11:30

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

Tgt Ion: 75 Resp: 4552

Ion Ratio Lower Upper

75 100

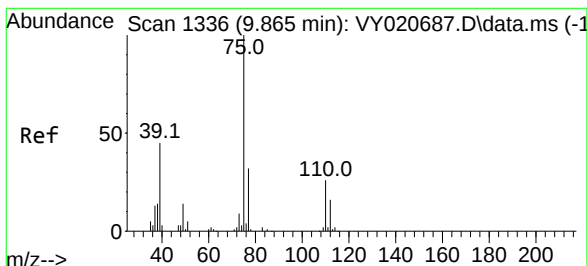
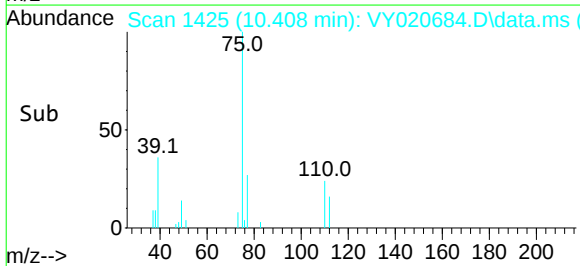
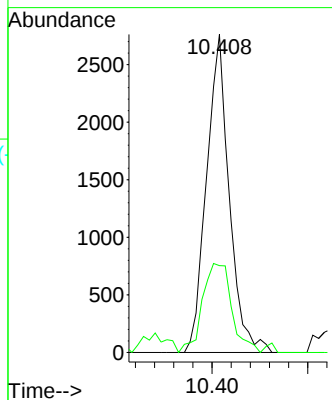
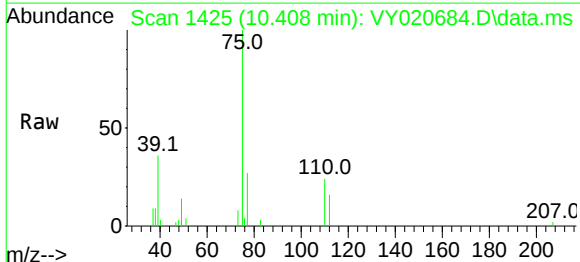
77 27.3 25.4 38.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/24/2024

Supervised By :Mahesh Dadoda 12/26/2024



#54

cis-1,3-Dichloropropene

Concen: 3.931 ug/l

RT: 9.871 min Scan# 1337

Delta R.T. 0.006 min

Lab File: VY020684.D

Acq: 23 Dec 2024 11:30

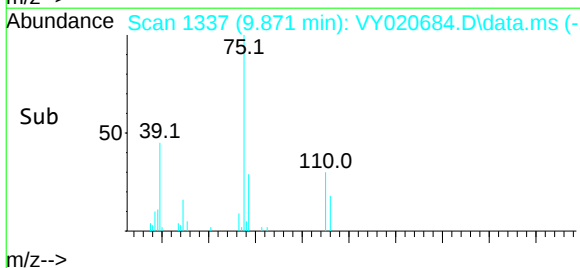
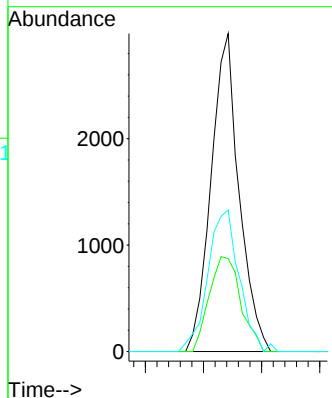
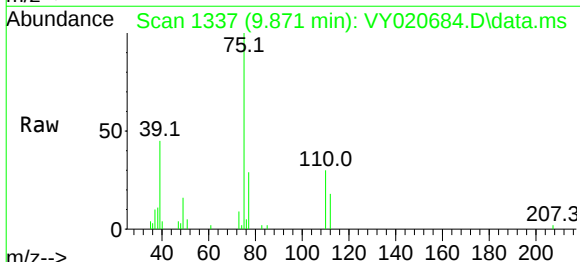
Tgt Ion: 75 Resp: 4997

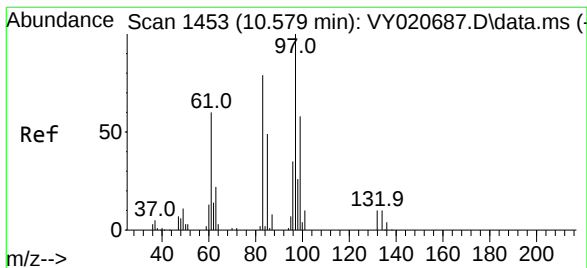
Ion Ratio Lower Upper

75 100

77 29.3 24.6 36.8

39 44.5 36.4 54.6





#55

1,1,2-Trichloroethane

Concen: 4.249 ug/l

RT: 10.578 min Scan# 14

Delta R.T. -0.000 min

Lab File: VY020684.D

Acq: 23 Dec 2024 11:30

Instrument :

MSVOA_Y

ClientSampleId :

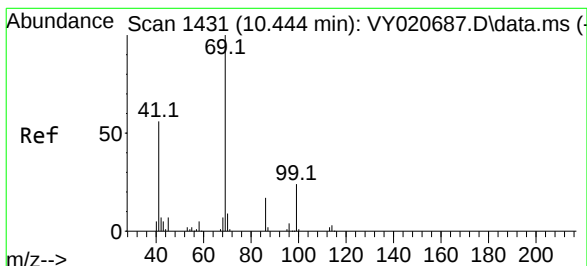
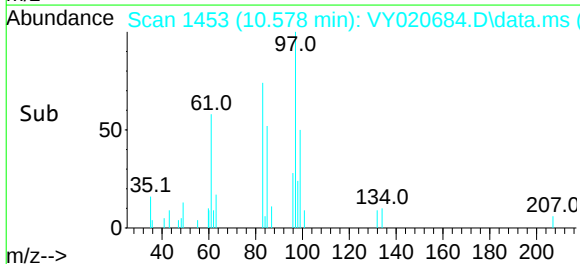
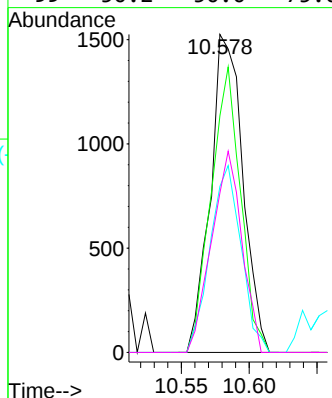
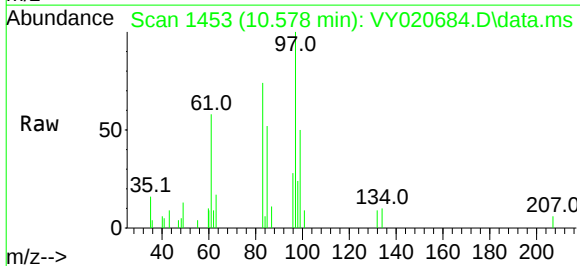
VSTDIC005

Tgt Ion:	97	Resp:	2529
Ion	Ratio	Lower	Upper
97	100		
83	74.4	70.4	105.6
85	52.2	47.2	70.8
99	50.2	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: 3.682 ug/l

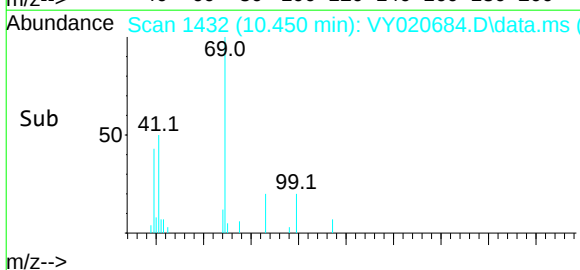
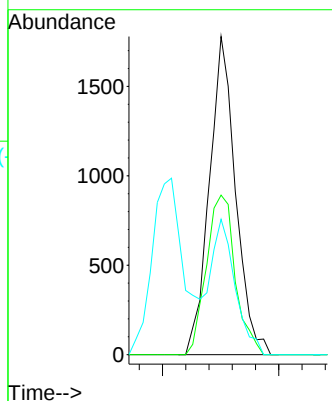
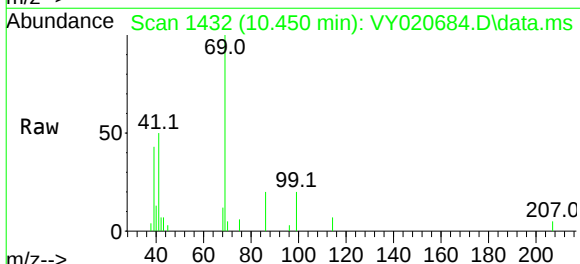
RT: 10.450 min Scan# 1432

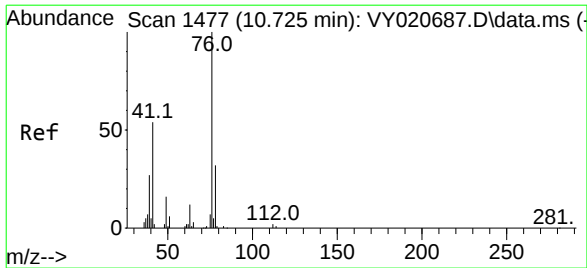
Delta R.T. 0.006 min

Lab File: VY020684.D

Acq: 23 Dec 2024 11:30

Tgt Ion:	69	Resp:	2795
Ion	Ratio	Lower	Upper
69	100		
41	55.0	54.0	81.0
39	40.2	27.9	41.9





#57

1,3-Dichloropropane

Concen: 4.092 ug/l

RT: 10.731 min Scan# 1477

Delta R.T. 0.006 min

Lab File: VY020684.D

Acq: 23 Dec 2024 11:30

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC005

Tgt Ion: 76 Resp: 3981

Ion Ratio Lower Upper

76 100

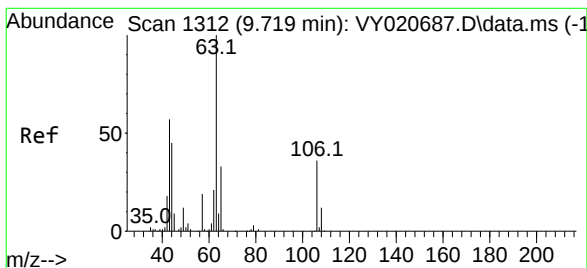
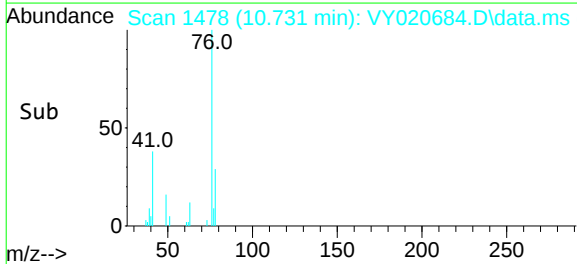
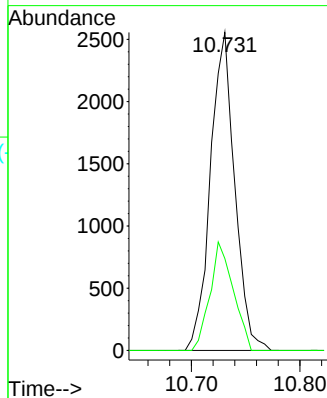
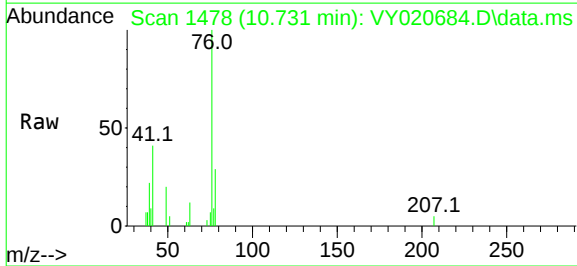
78 32.6 25.8 38.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/24/2024

Supervised By :Mahesh Dadoda 12/26/2024



#58

2-Chloroethyl Vinyl ether

Concen: 21.573 ug/l

RT: 9.725 min Scan# 1313

Delta R.T. 0.006 min

Lab File: VY020684.D

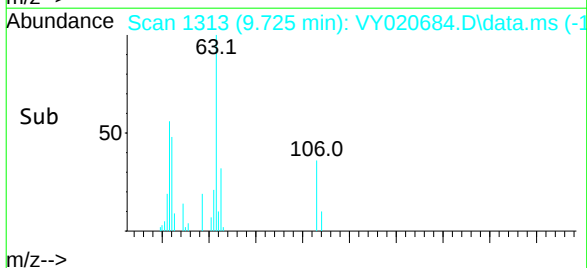
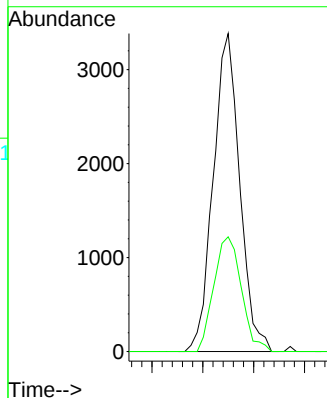
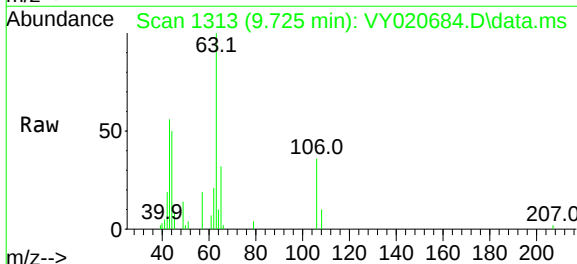
Acq: 23 Dec 2024 11:30

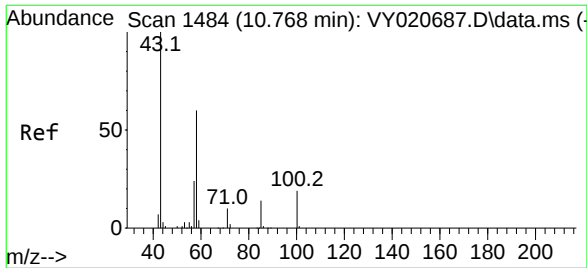
Tgt Ion: 63 Resp: 6120

Ion Ratio Lower Upper

63 100

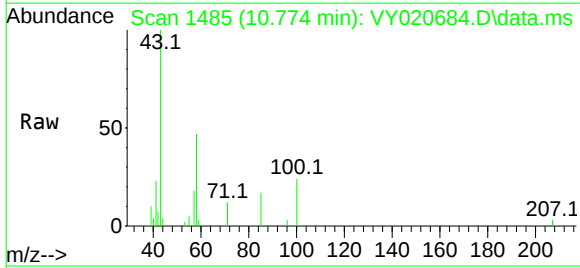
106 37.5 21.5 32.3#





#59
2-Hexanone
Concen: 18.580 ug/l
RT: 10.774 min Scan# 1485
Delta R.T. 0.006 min
Lab File: VY020684.D
Acq: 23 Dec 2024 11:30

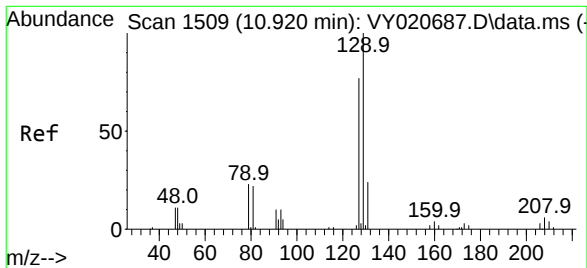
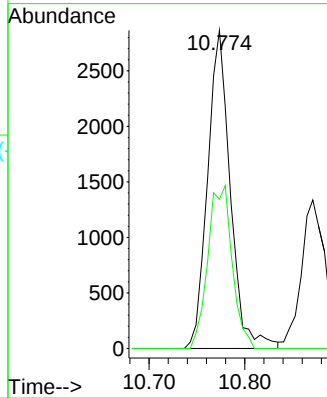
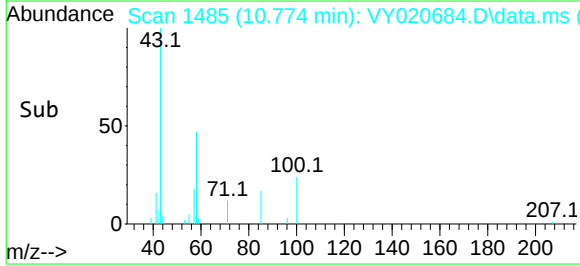
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005



Tgt Ion: 43 Resp: 4717
Ion Ratio Lower Upper
43 100
58 54.7 27.2 81.6

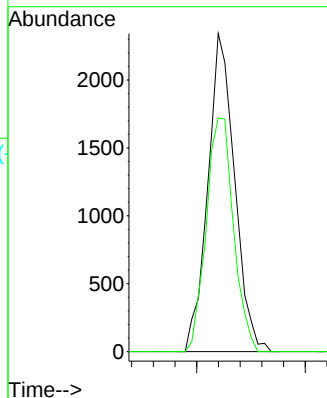
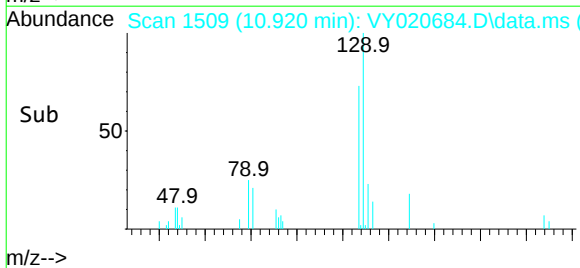
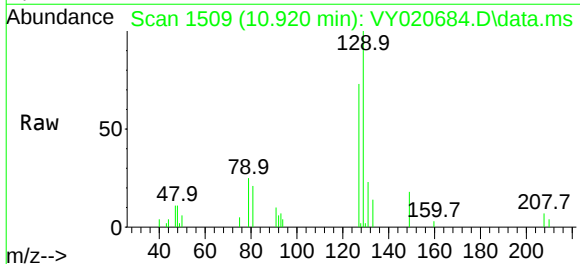
Manual Integrations
APPROVED

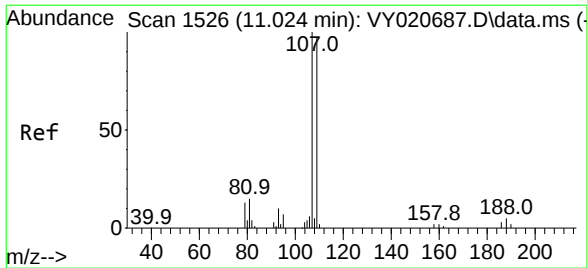
Reviewed By :Semsettin Yesilyurt 12/24/2024
Supervised By :Mahesh Dadoda 12/26/2024



#60
Dibromochloromethane
Concen: 4.222 ug/l
RT: 10.920 min Scan# 1509
Delta R.T. -0.000 min
Lab File: VY020684.D
Acq: 23 Dec 2024 11:30

Tgt Ion:129 Resp: 4012
Ion Ratio Lower Upper
129 100
127 74.8 38.1 114.3





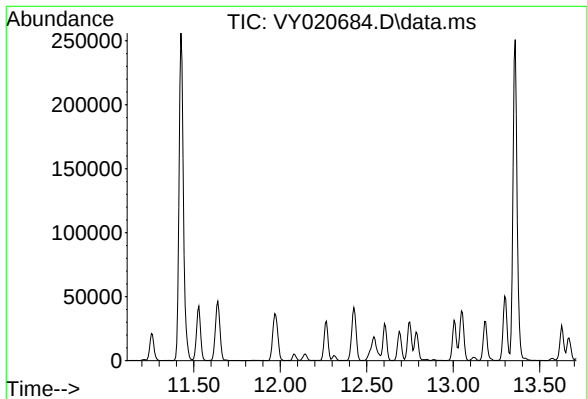
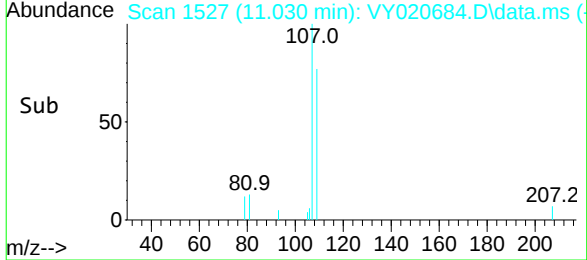
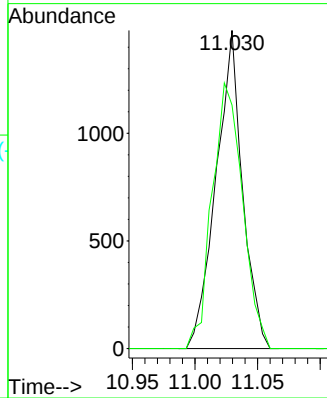
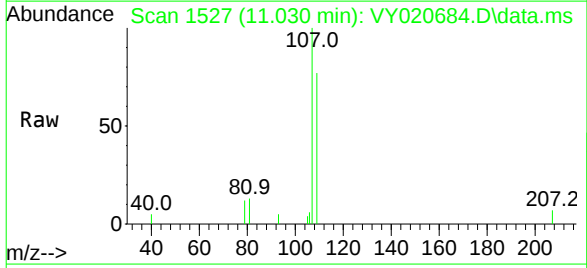
#61
1,2-Dibromoethane
Concen: 3.889 ug/l
RT: 11.030 min Scan# 1526
Delta R.T. 0.006 min
Lab File: VY020684.D
Acq: 23 Dec 2024 11:30

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tgt Ion: 107 Resp: 2176
Ion Ratio Lower Upper
107 100
109 96.3 75.4 113.2

Manual Integrations
APPROVED

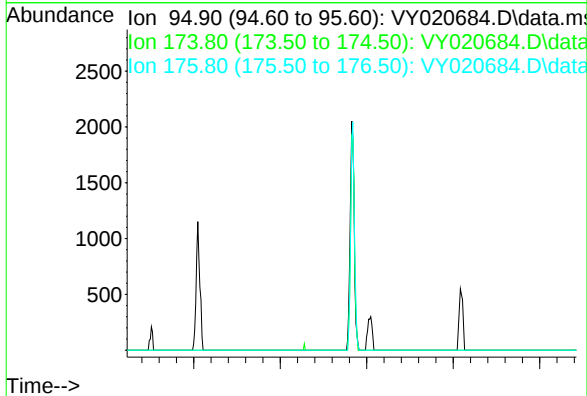
Reviewed By : Semsettin Yesilyurt 12/24/2024
Supervised By : Mahesh Dadoda 12/26/2024

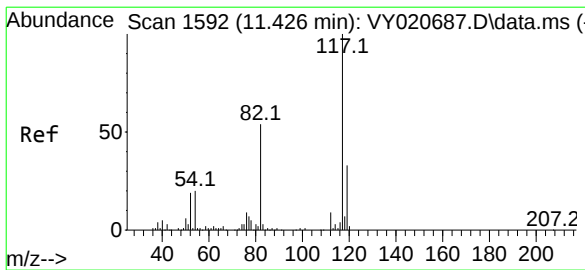


#62
4-Bromofluorobenzene
Concen: 0.000 ug/l
Expected RT: 12.41 min

Lab File: VY020684.D
Acq: 23 Dec 2024 11:30

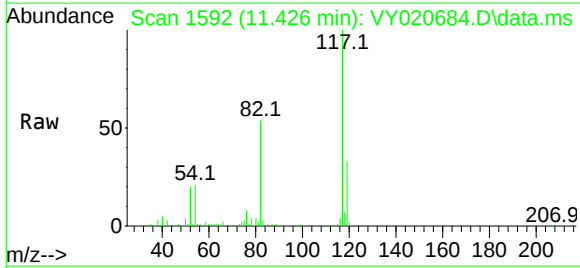
Tgt Ion: 95
Sig Exp Ratio
95 100
174 80.9
176 78.3





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.426 min Scan# 1592
Delta R.T. -0.000 min
Lab File: VY020684.D
Acq: 23 Dec 2024 11:30

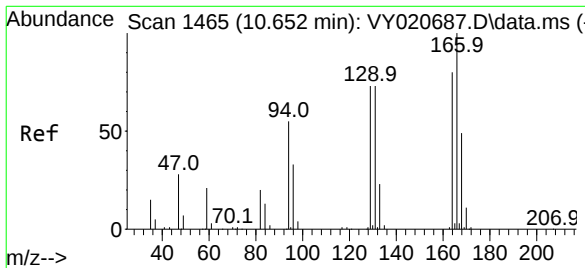
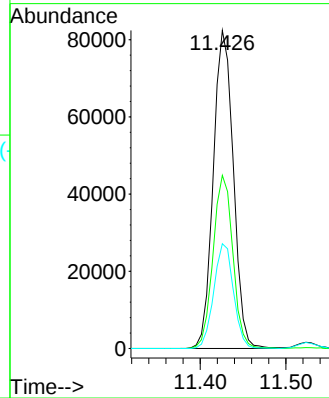
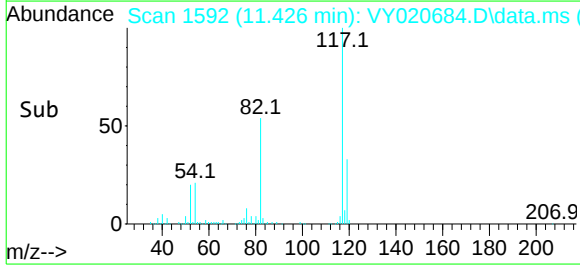
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005



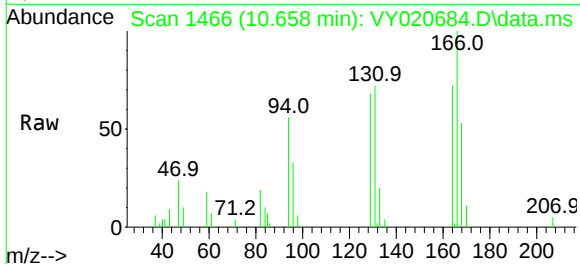
Tgt Ion:117 Resp: 134316
Ion Ratio Lower Upper
117 100
82 54.4 45.8 68.6
119 32.9 25.3 37.9

Manual Integrations
APPROVED

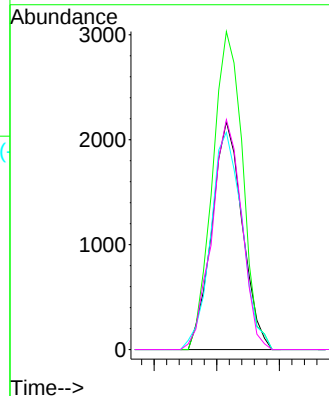
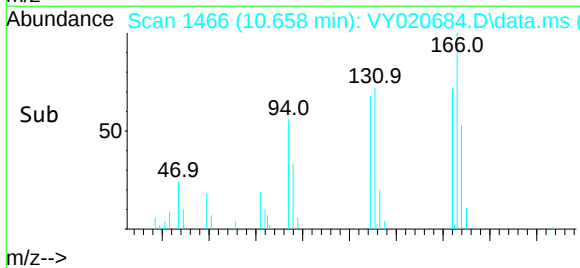
Reviewed By :Semsettin Yesilyurt 12/24/2024
Supervised By :Mahesh Dadoda 12/26/2024

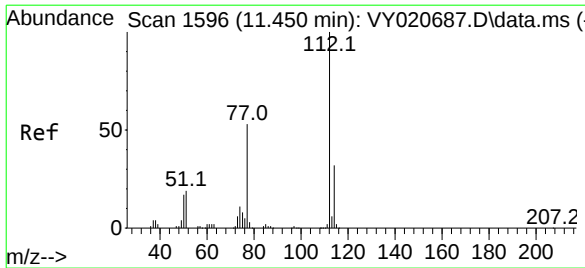


#64
Tetrachloroethene
Concen: 4.124 ug/l
RT: 10.658 min Scan# 1466
Delta R.T. 0.006 min
Lab File: VY020684.D
Acq: 23 Dec 2024 11:30



Tgt Ion:164 Resp: 3679
Ion Ratio Lower Upper
164 100
166 139.7 97.9 146.9
129 95.4 73.4 110.0
131 101.0 70.6 106.0





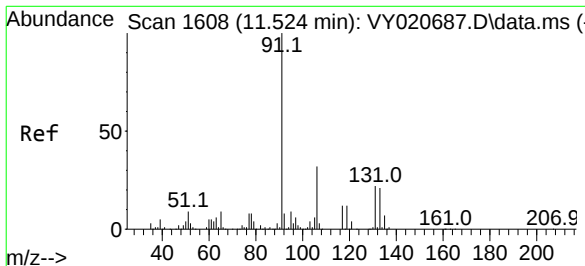
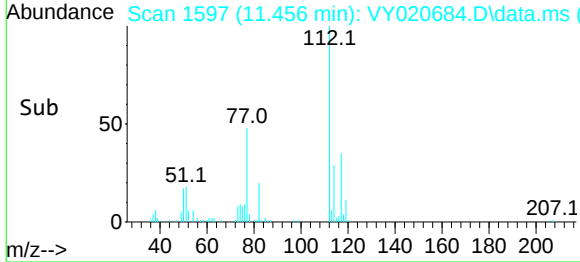
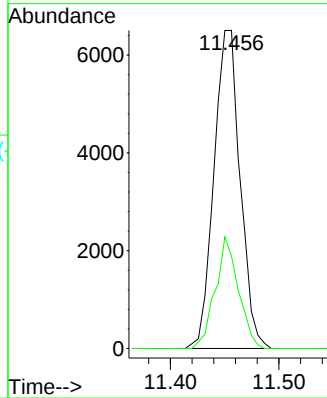
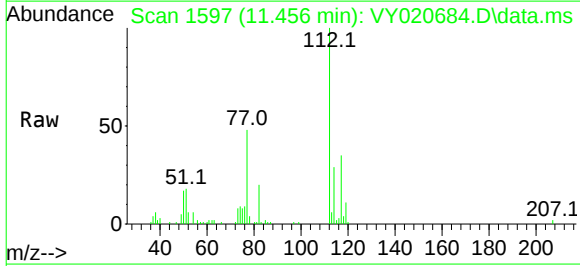
#65
Chlorobenzene
Concen: 4.339 ug/l
RT: 11.456 min Scan# 1596
Delta R.T. 0.006 min
Lab File: VY020684.D
Acq: 23 Dec 2024 11:30

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tgt Ion:112 Resp: 10890
Ion Ratio Lower Upper
112 100
114 29.1 26.0 39.0

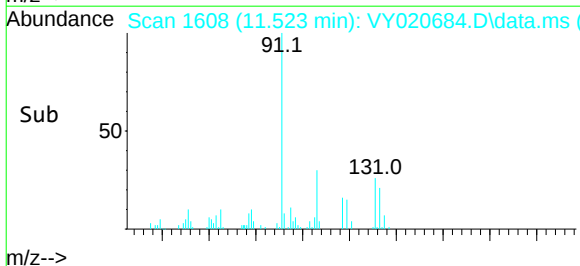
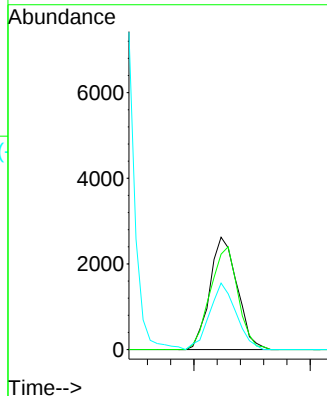
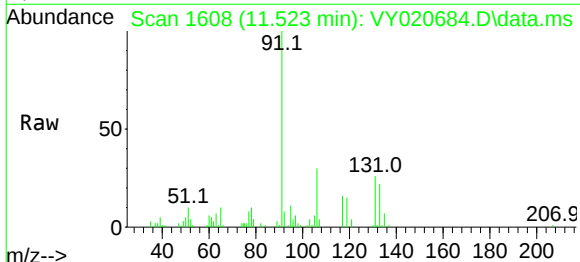
Manual Integrations
APPROVED

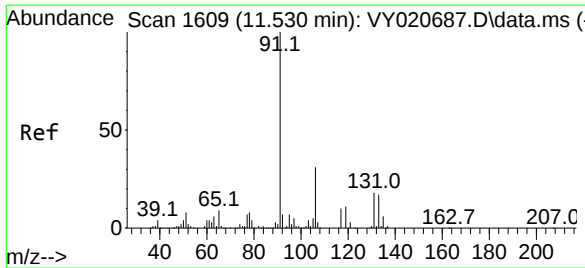
Reviewed By :Semsettin Yesilyurt 12/24/2024
Supervised By :Mahesh Dadoda 12/26/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 4.398 ug/l
RT: 11.523 min Scan# 1608
Delta R.T. -0.000 min
Lab File: VY020684.D
Acq: 23 Dec 2024 11:30

Tgt Ion:131 Resp: 4311
Ion Ratio Lower Upper
131 100
133 92.0 46.8 140.3
119 57.1 31.8 95.3





#67

Ethyl Benzene

Concen: 4.168 ug/l

RT: 11.529 min Scan# 1609

Delta R.T. -0.000 min

Lab File: VY020684.D

Acq: 23 Dec 2024 11:30

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC005

Tgt Ion: 91 Resp: 18768

Ion Ratio Lower Upper

91 100

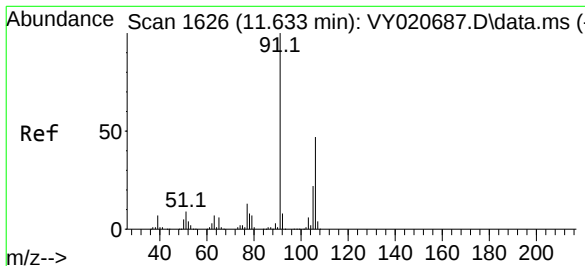
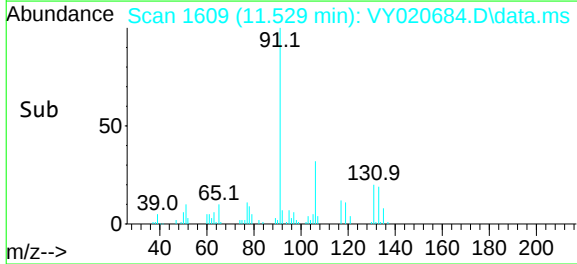
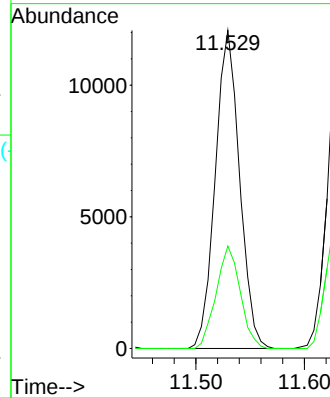
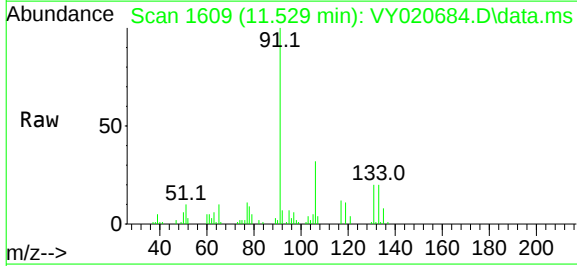
106 32.2 23.9 35.9

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/24/2024

Supervised By :Mahesh Dadoda 12/26/2024



#68

m/p-Xylenes

Concen: 8.311 ug/l

RT: 11.639 min Scan# 1627

Delta R.T. 0.006 min

Lab File: VY020684.D

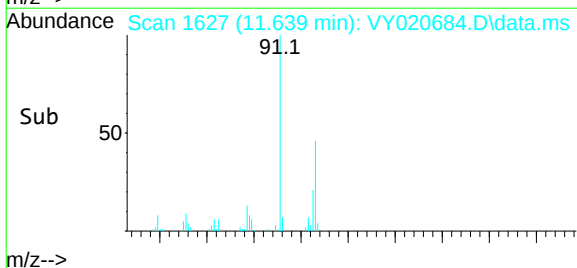
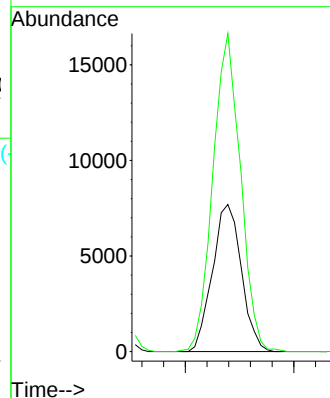
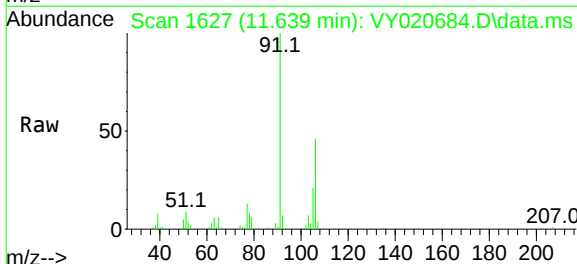
Acq: 23 Dec 2024 11:30

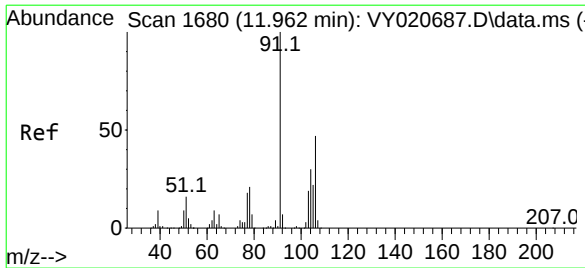
Tgt Ion:106 Resp: 14272

Ion Ratio Lower Upper

106 100

91 206.0 165.0 247.4





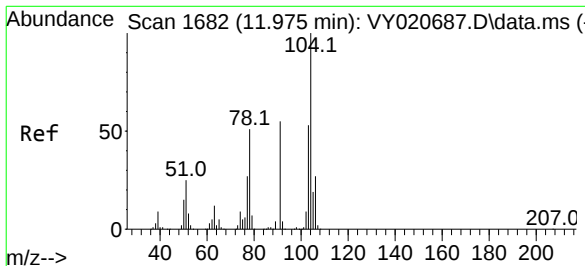
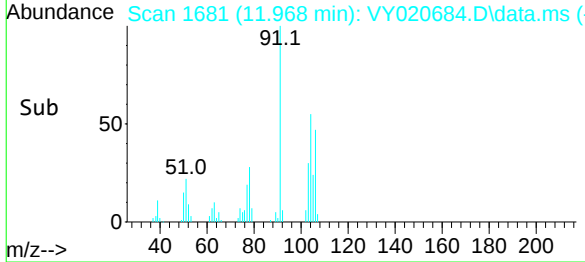
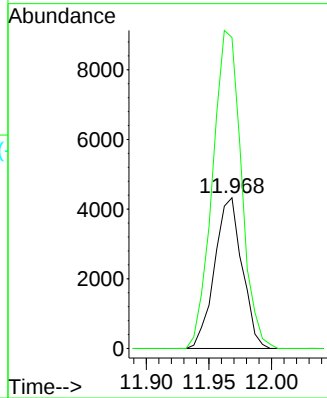
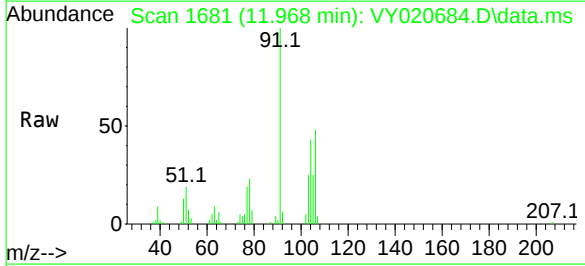
#69
o-Xylene
Concen: 4.102 ug/l
RT: 11.968 min Scan# 1680
Delta R.T. 0.006 min
Lab File: VY020684.D
Acq: 23 Dec 2024 11:30

Instrument : MSVOA_Y
ClientSampleId : VSTDIC005

Tgt Ion:106 Resp: 6616
Ion Ratio Lower Upper
106 100
91 220.5 108.4 325.2

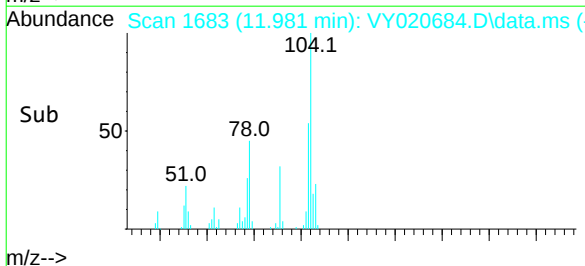
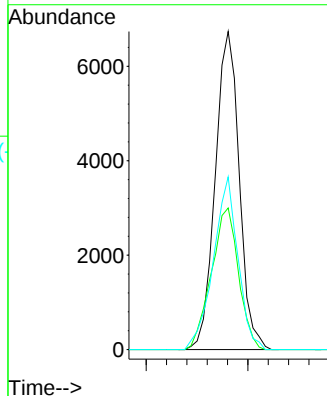
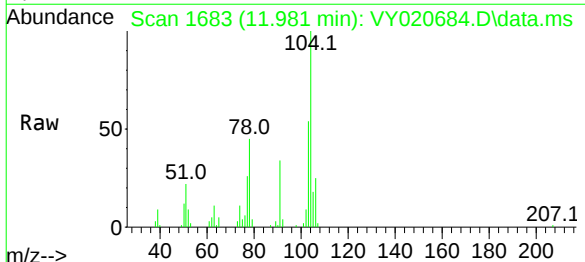
Manual Integrations
APPROVED

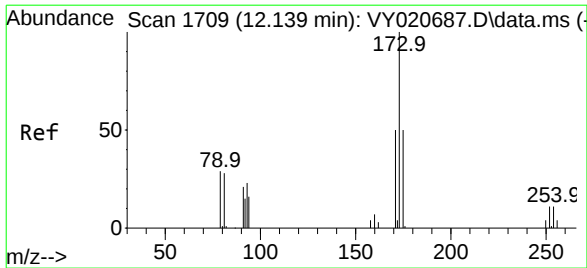
Reviewed By :Semsettin Yesilyurt 12/24/2024
Supervised By :Mahesh Dadoda 12/26/2024



#70
Styrene
Concen: 4.073 ug/l
RT: 11.981 min Scan# 1683
Delta R.T. 0.006 min
Lab File: VY020684.D
Acq: 23 Dec 2024 11:30

Tgt Ion:104 Resp: 11050
Ion Ratio Lower Upper
104 100
78 50.5 41.6 62.4
103 55.6 43.7 65.5





#71

Bromoform

Concen: 4.295 ug/l

RT: 12.145 min Scan# 1710

Delta R.T. 0.006 min

Lab File: VY020684.D

Acq: 23 Dec 2024 11:30

Instrument :

MSVOA_Y

ClientSampleId :

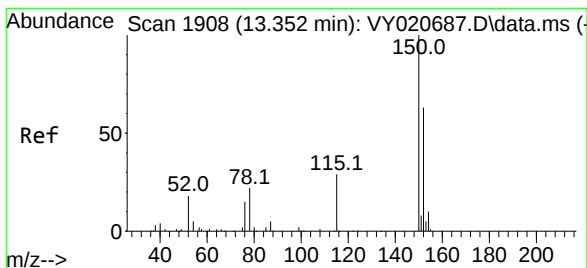
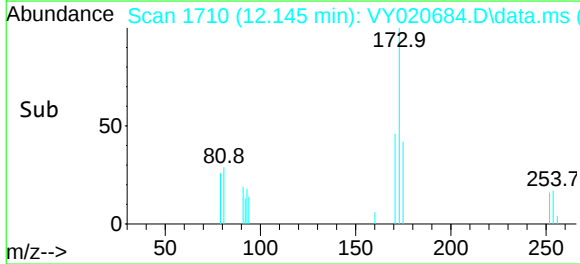
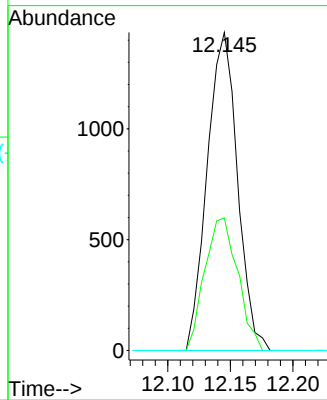
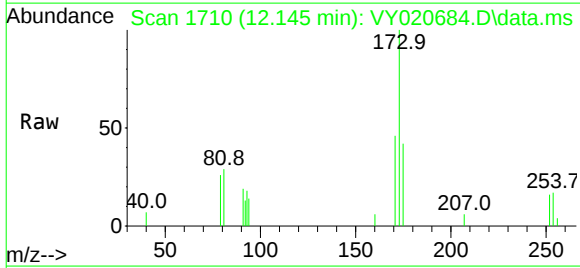
VSTDIC005

Tgt	Ion:173	Resp:	2411
Ion	Ratio	Lower	Upper
173	100		
175	45.5	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

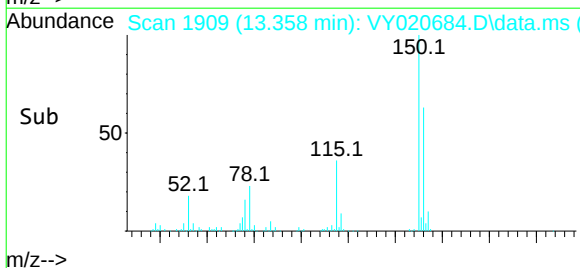
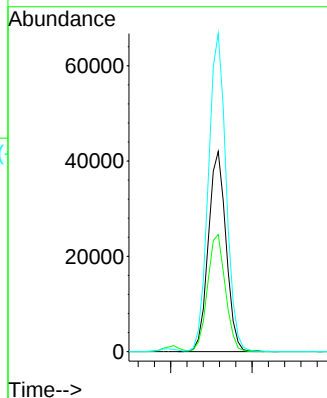
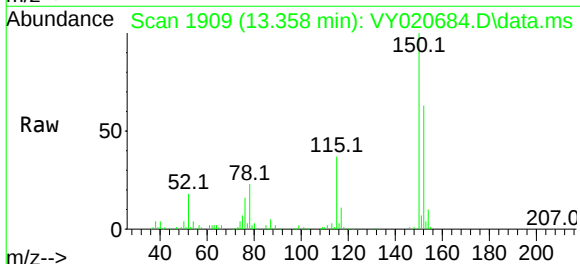
RT: 13.358 min Scan# 1909

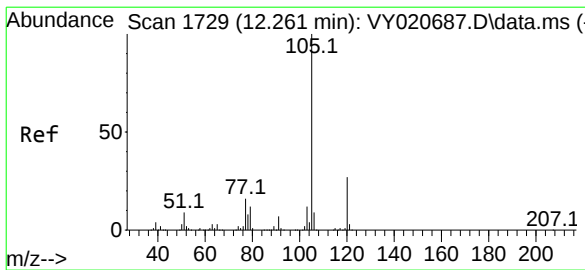
Delta R.T. 0.006 min

Lab File: VY020684.D

Acq: 23 Dec 2024 11:30

Tgt	Ion:152	Resp:	63466
Ion	Ratio	Lower	Upper
152	100		
115	58.8	30.2	90.6
150	159.2	0.0	355.4





#73

Isopropylbenzene

Concen: 4.385 ug/l

RT: 12.267 min Scan# 1729

Delta R.T. 0.006 min

Lab File: VY020684.D

Acq: 23 Dec 2024 11:30

Instrument :

MSVOA_Y

ClientSampleId :

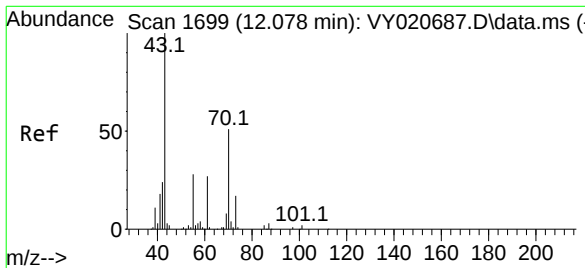
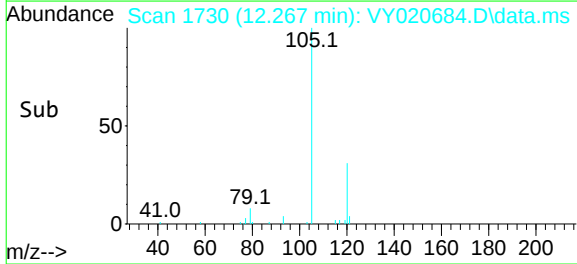
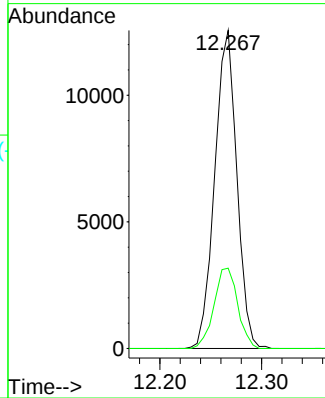
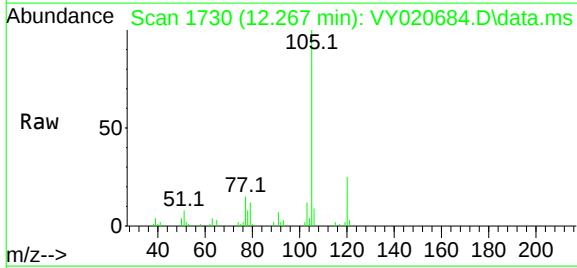
VSTDICC005

Tgt Ion	Ratio	Lower	Upper
105	100		
120	27.1	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: 3.780 ug/l

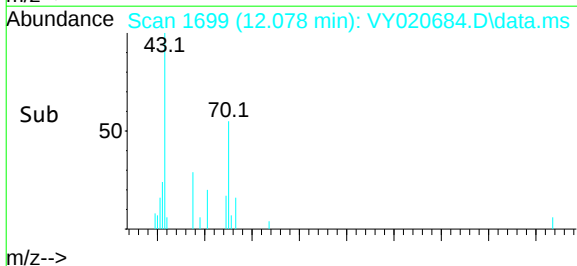
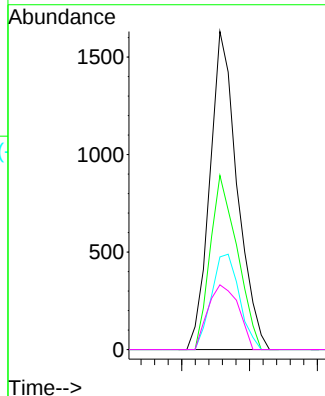
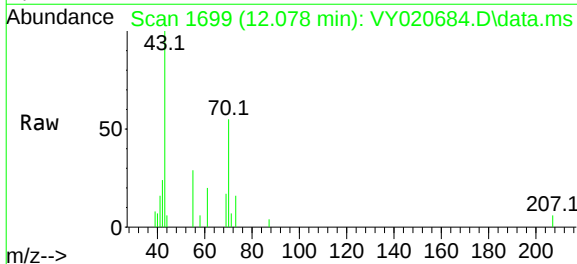
RT: 12.078 min Scan# 1699

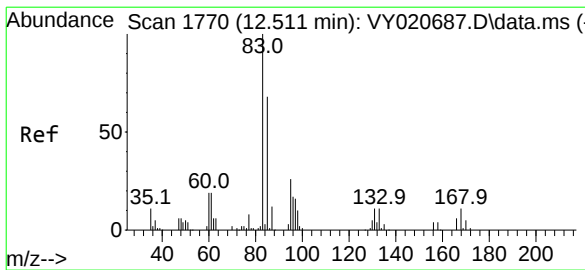
Delta R.T. -0.000 min

Lab File: VY020684.D

Acq: 23 Dec 2024 11:30

Tgt Ion	Ratio	Lower	Upper
43	100		
70	53.9	34.2	51.2#
55	30.4	19.6	29.4#
61	22.5	19.4	29.0





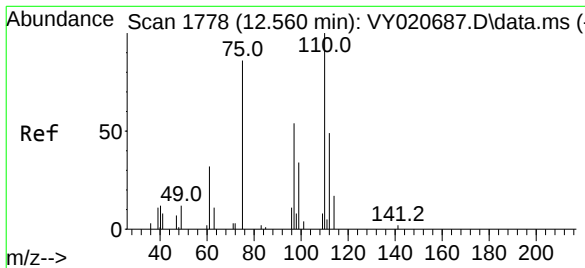
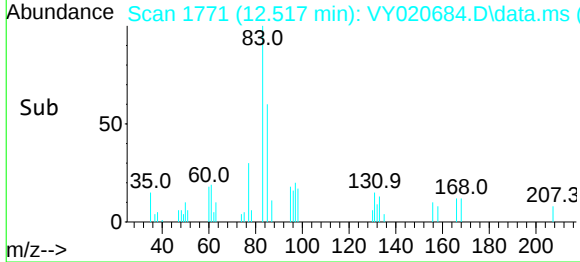
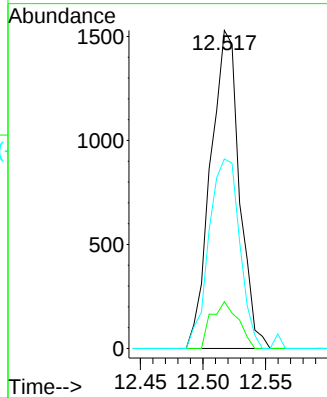
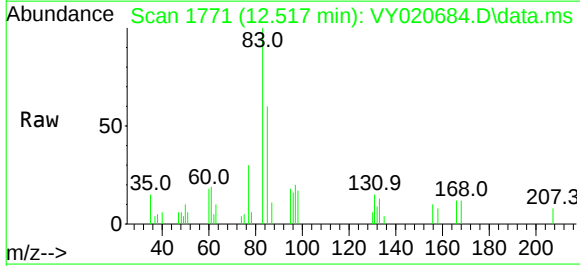
#75
1,1,2,2-Tetrachloroethane
Concen: 4.410 ug/l
RT: 12.517 min Scan# 1771
Delta R.T. 0.006 min
Lab File: VY020684.D
Acq: 23 Dec 2024 11:30

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tgt Ion	Ratio	Lower	Upper
83	100		
131	13.7	5.2	15.6
85	63.5	32.5	97.4

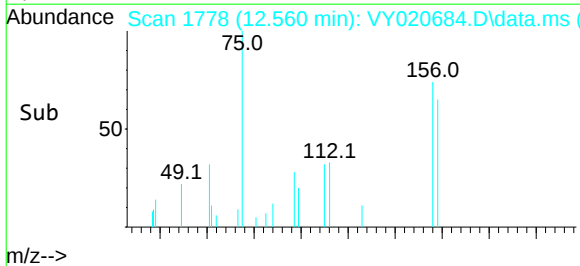
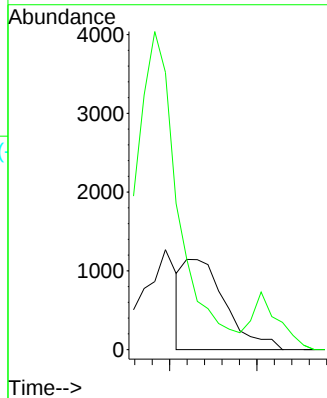
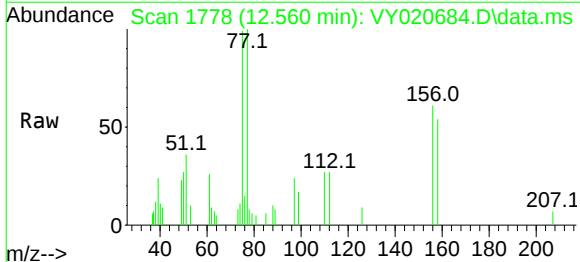
Manual Integrations
APPROVED

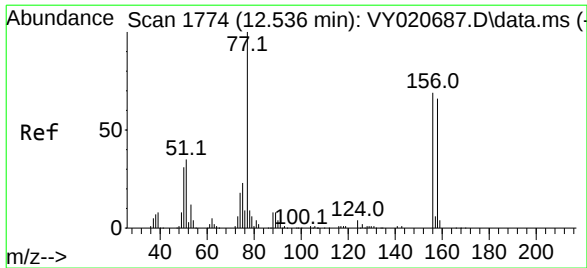
Reviewed By :Semsettin Yesilyurt 12/24/2024
Supervised By :Mahesh Dadoda 12/26/2024



#76
1,2,3-Trichloropropane
Concen: 4.649 ug/l m
RT: 12.560 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VY020684.D
Acq: 23 Dec 2024 11:30

Tgt Ion	Ratio	Lower	Upper
75	100		
77	361.9	0.0	0.0#





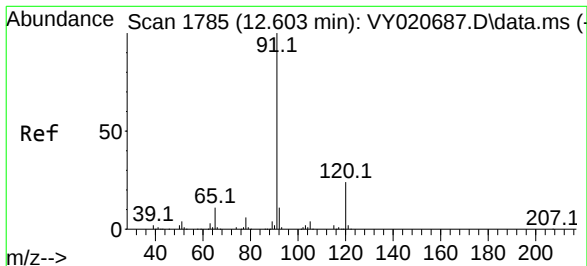
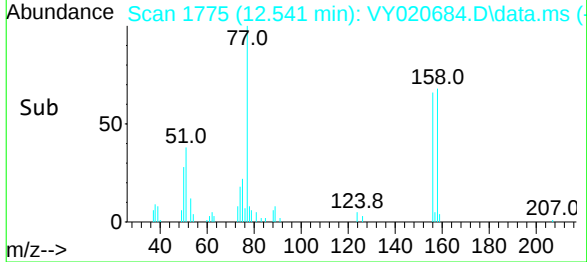
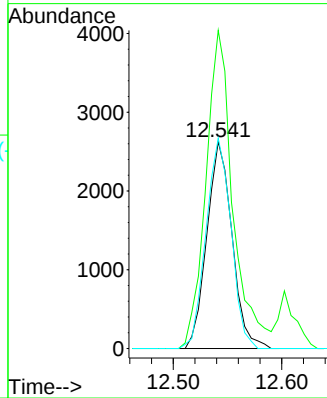
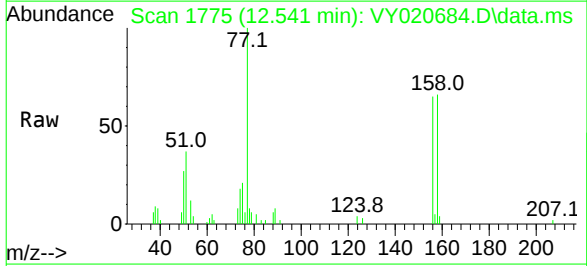
#77
Bromobenzene
Concen: 4.307 ug/l
RT: 12.541 min Scan# 1774
Delta R.T. 0.006 min
Lab File: VY020684.D
Acq: 23 Dec 2024 11:30

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Tgt Ion:	156	Resp:	4234
Ion Ratio	Lower	Upper	
156	100		
77	165.3	94.2	282.4
158	100.9	48.9	146.6

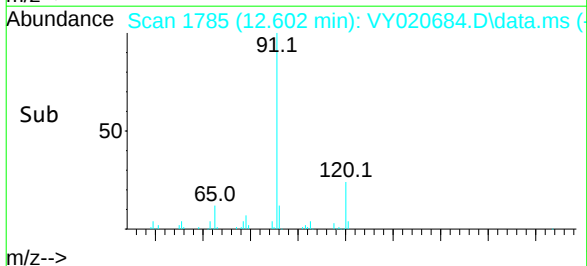
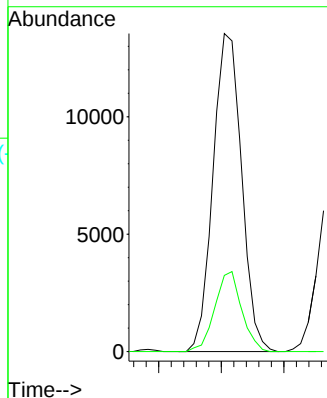
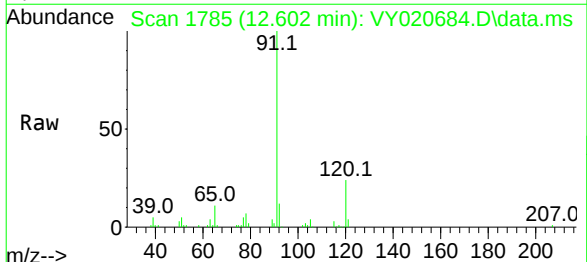
Manual Integrations
APPROVED

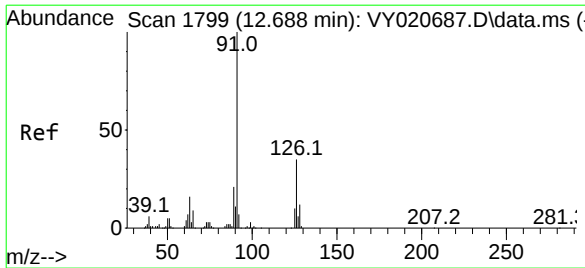
Reviewed By :Semsettin Yesilyurt 12/24/2024
Supervised By :Mahesh Dadoda 12/26/2024



#78
n-propylbenzene
Concen: 4.410 ug/l
RT: 12.602 min Scan# 1785
Delta R.T. -0.000 min
Lab File: VY020684.D
Acq: 23 Dec 2024 11:30

Tgt Ion:	91	Resp:	21465
Ion Ratio	Lower	Upper	
91	100		
120	23.7	11.1	33.1





#79

2-Chlorotoluene

Concen: 4.404 ug/l

RT: 12.688 min Scan# 1799

Delta R.T. -0.000 min

Lab File: VY020684.D

Acq: 23 Dec 2024 11:30

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC005

Tgt Ion: 91 Resp: 12202

Ion Ratio Lower Upper

91 100

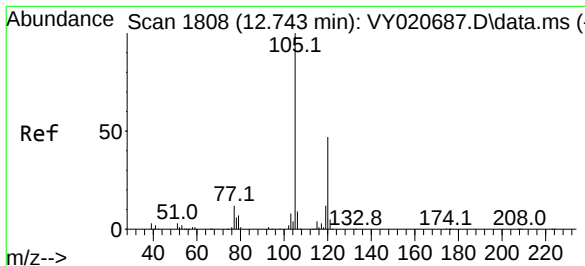
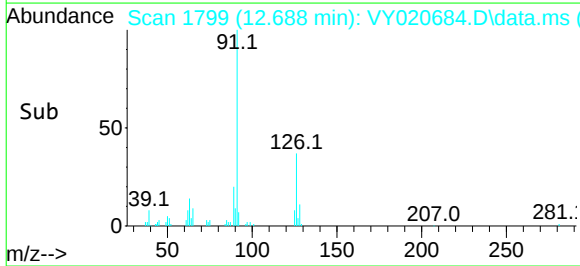
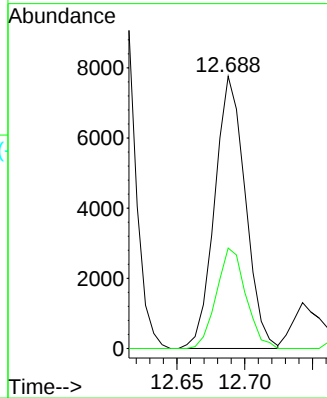
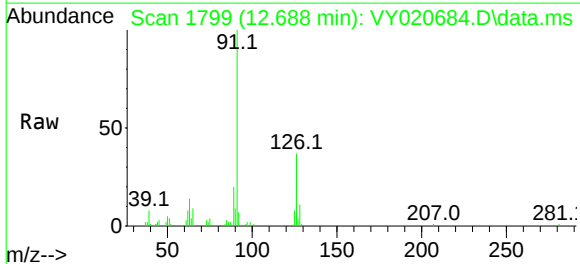
126 35.3 16.6 49.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/24/2024

Supervised By :Mahesh Dadoda 12/26/2024



#80

1,3,5-Trimethylbenzene

Concen: 4.356 ug/l

RT: 12.749 min Scan# 1809

Delta R.T. 0.006 min

Lab File: VY020684.D

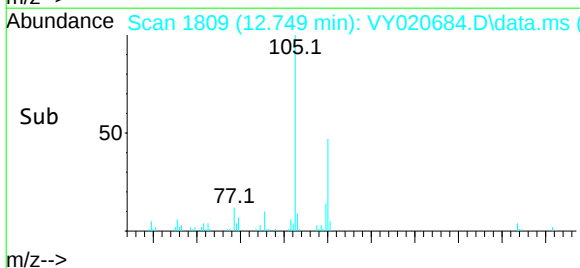
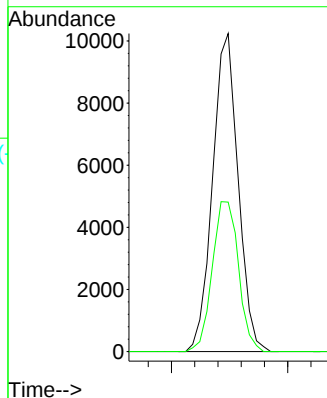
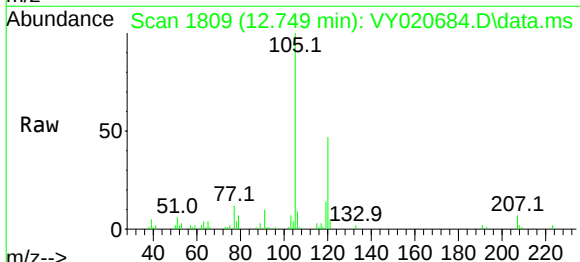
Acq: 23 Dec 2024 11:30

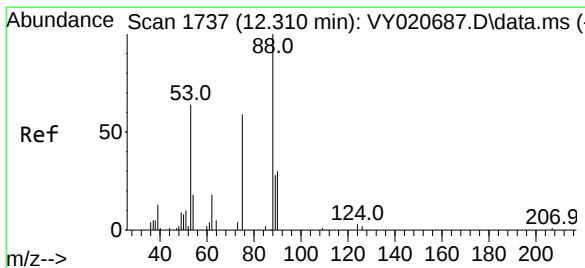
Tgt Ion:105 Resp: 15597

Ion Ratio Lower Upper

105 100

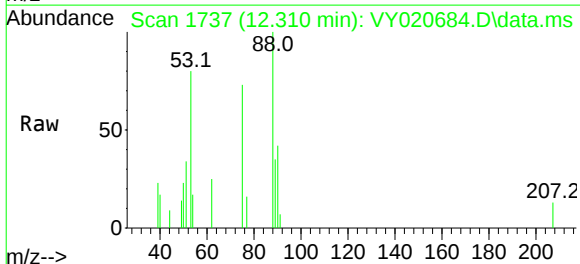
120 48.4 23.9 71.7





#81
trans-1,4-Dichloro-2-butene
Concen: 4.023 ug/l
RT: 12.310 min Scan# 1737
Delta R.T. -0.000 min
Lab File: VY020684.D
Acq: 23 Dec 2024 11:30

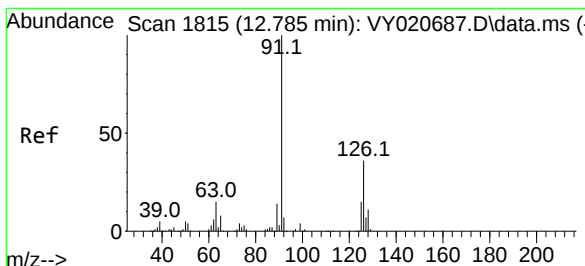
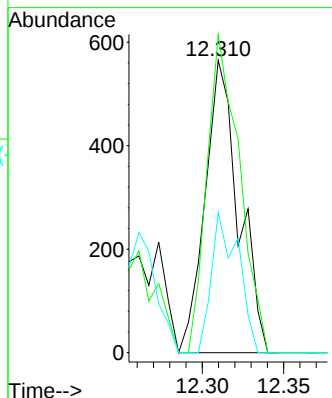
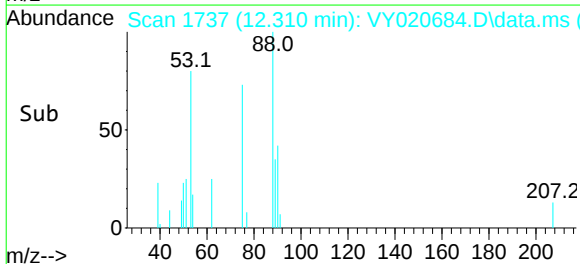
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005



Tgt Ion	Ratio	Lower	Upper
75	100		
53	105.6	75.4	113.2
89	38.3	37.0	55.4

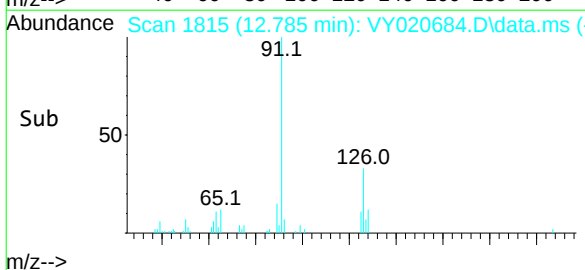
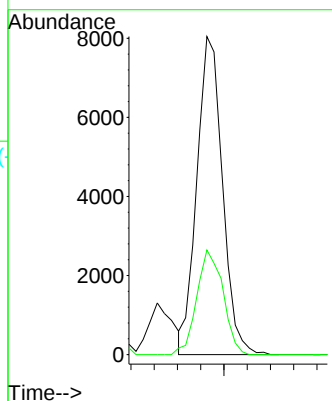
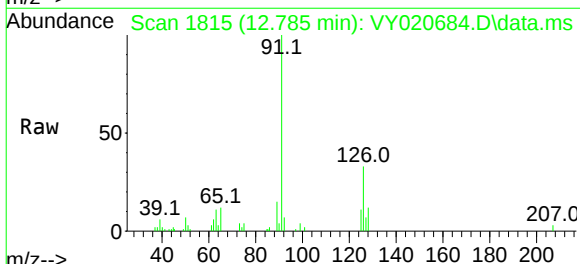
Manual Integrations
APPROVED

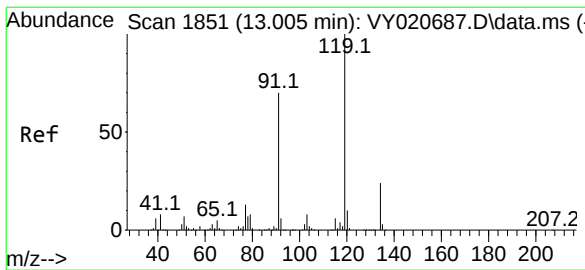
Reviewed By :Semsettin Yesilyurt 12/24/2024
Supervised By :Mahesh Dadoda 12/26/2024



#82
4-Chlorotoluene
Concen: 4.353 ug/l
RT: 12.785 min Scan# 1815
Delta R.T. -0.000 min
Lab File: VY020684.D
Acq: 23 Dec 2024 11:30

Tgt Ion	Ratio	Lower	Upper
91	100		
126	33.7	16.6	49.7





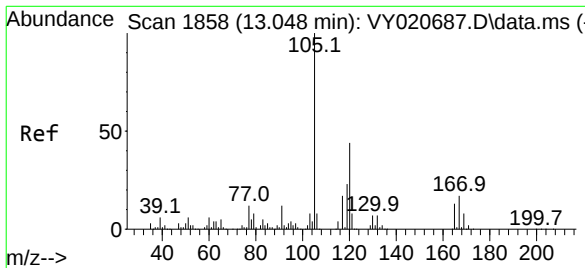
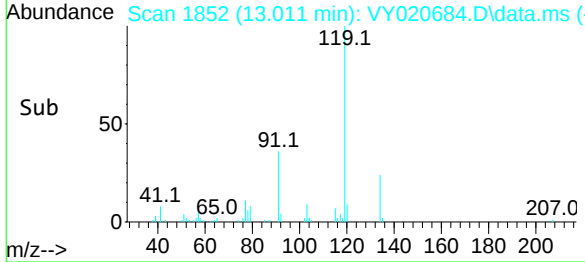
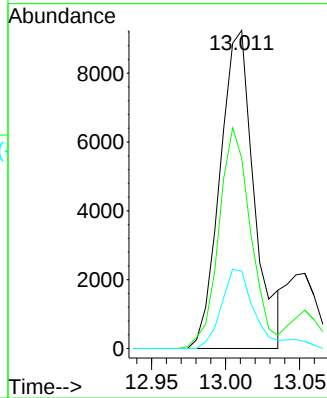
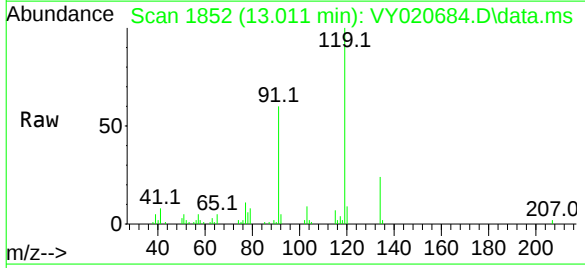
#83
tert-Butylbenzene
Concen: 4.457 ug/l
RT: 13.011 min Scan# 1851
Delta R.T. 0.006 min
Lab File: VY020684.D
Acq: 23 Dec 2024 11:30

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tgt Ion:	119	Resp:	14849
Ion Ratio	Lower	Upper	
119	100		
91	64.8	32.9	98.6
134	25.3	13.1	39.1

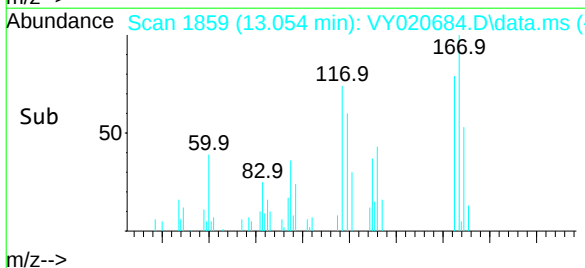
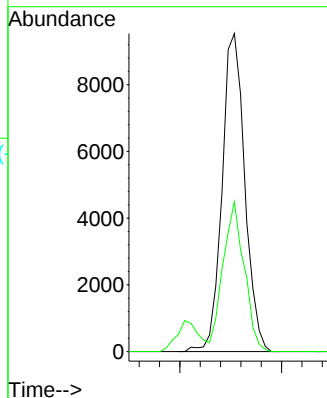
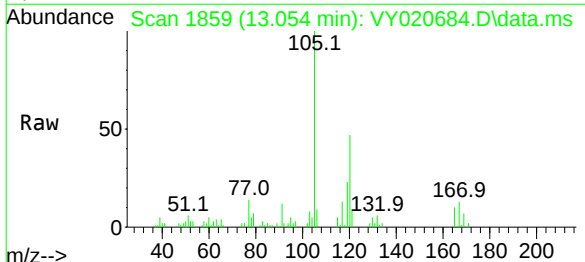
Manual Integrations
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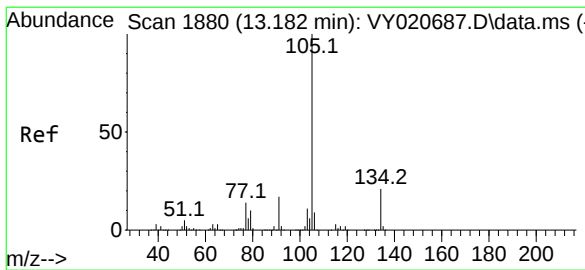
Reviewed By :Semsettin Yesilyurt 12/24/2024
Supervised By :Mahesh Dadoda 12/26/2024



#84
1,2,4-Trimethylbenzene
Concen: 4.228 ug/l
RT: 13.054 min Scan# 1859
Delta R.T. 0.006 min
Lab File: VY020684.D
Acq: 23 Dec 2024 11:30

Tgt Ion:	105	Resp:	14790
Ion Ratio	Lower	Upper	
105	100		
120	44.0	21.8	65.4





#85

sec-Butylbenzene

Concen: 4.374 ug/l

RT: 13.188 min Scan# 18

Delta R.T. 0.006 min

Lab File: VY020684.D

Acq: 23 Dec 2024 11:30

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

Tgt Ion:105 Resp: 19621

Ion Ratio Lower Upper

105 100

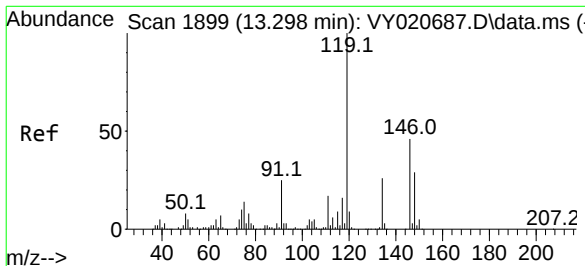
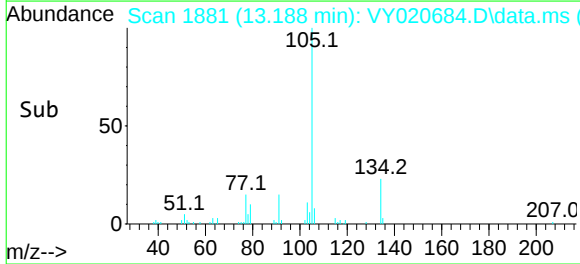
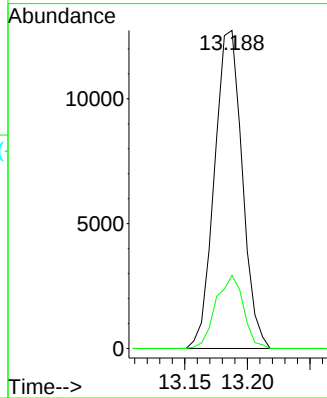
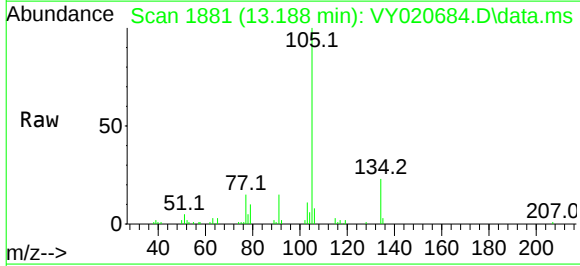
134 22.8 10.0 30.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/24/2024

Supervised By :Mahesh Dadoda 12/26/2024



#86

p-Isopropyltoluene

Concen: 4.204 ug/l

RT: 13.304 min Scan# 1900

Delta R.T. 0.006 min

Lab File: VY020684.D

Acq: 23 Dec 2024 11:30

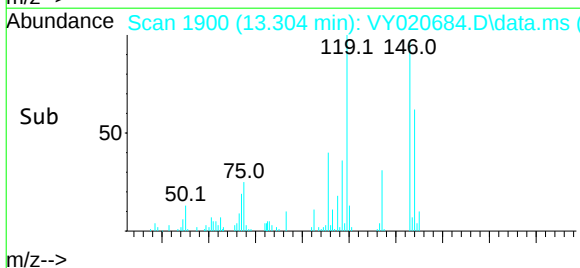
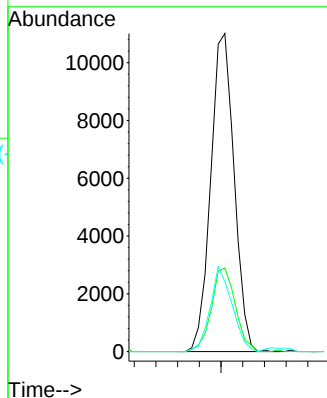
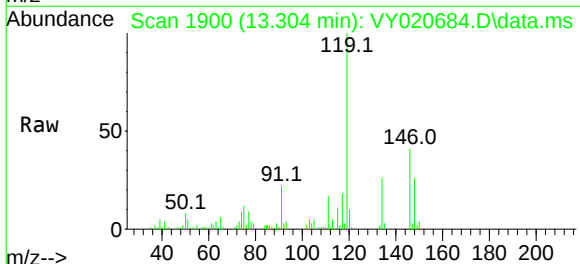
Tgt Ion:119 Resp: 16486

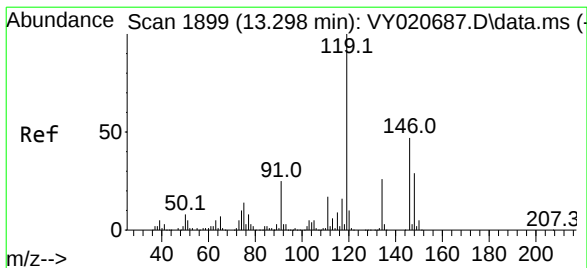
Ion Ratio Lower Upper

119 100

134 27.0 12.9 38.6

91 24.9 12.1 36.3





#87

1,3-Dichlorobenzene

Concen: 4.452 ug/l

RT: 13.297 min Scan# 1899

Delta R.T. -0.000 min

Lab File: VY020684.D

Acq: 23 Dec 2024 11:30

Instrument :

MSVOA_Y

ClientSampleId :

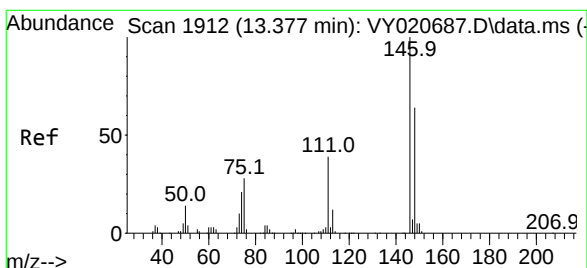
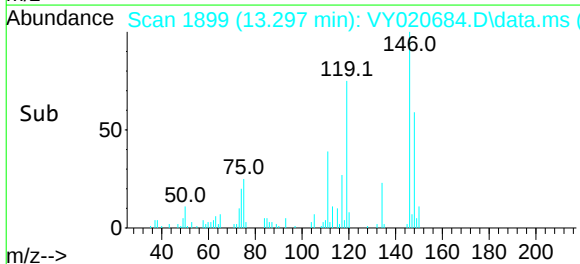
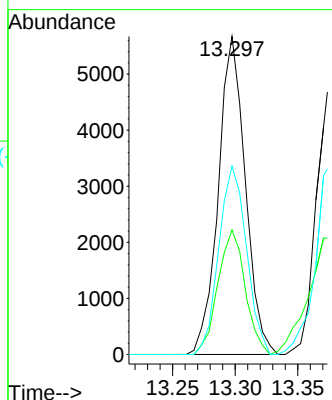
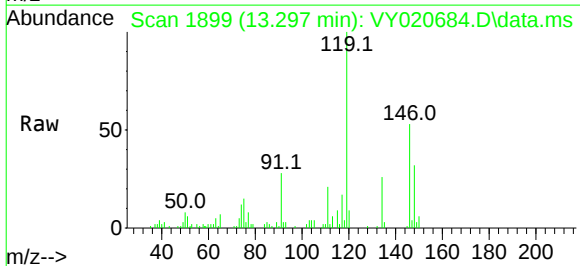
VSTDIC005

Tgt	Ion:146	Resp:	8502
Ion	Ratio	Lower	Upper
146	100		
111	39.5	20.6	61.8
148	60.8	31.4	94.0

Manual Integrations

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



#88

1,4-Dichlorobenzene

Concen: 4.375 ug/l

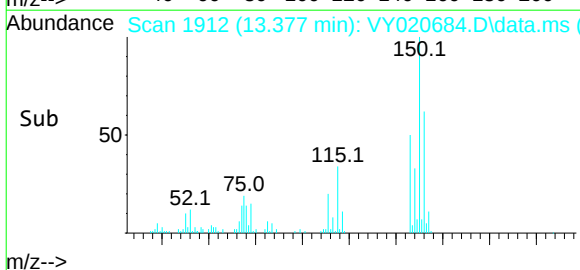
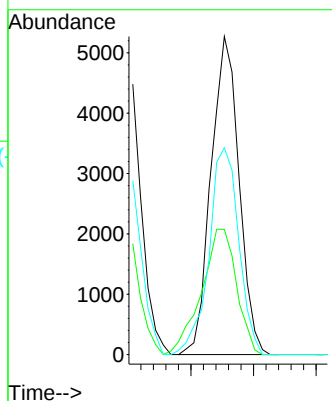
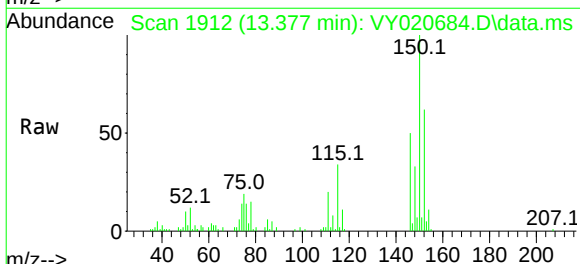
RT: 13.377 min Scan# 1912

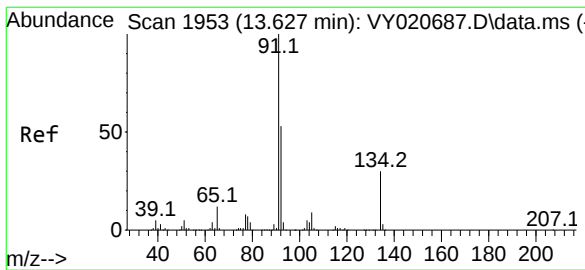
Delta R.T. -0.000 min

Lab File: VY020684.D

Acq: 23 Dec 2024 11:30

Tgt	Ion:146	Resp:	8186
Ion	Ratio	Lower	Upper
146	100		
111	49.5	19.6	58.7
148	69.2	31.9	95.5





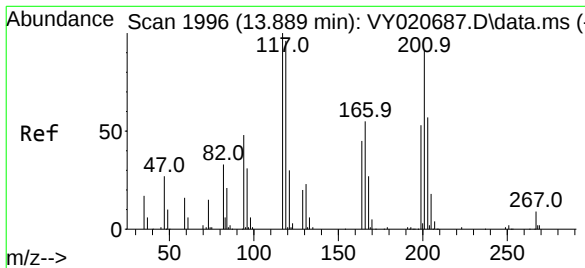
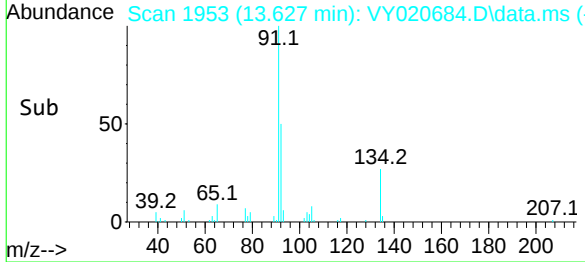
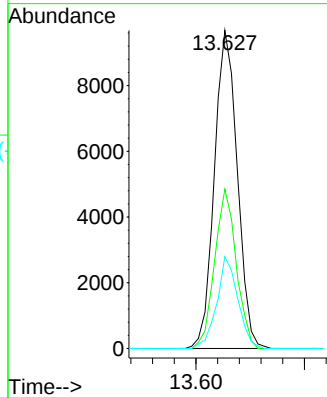
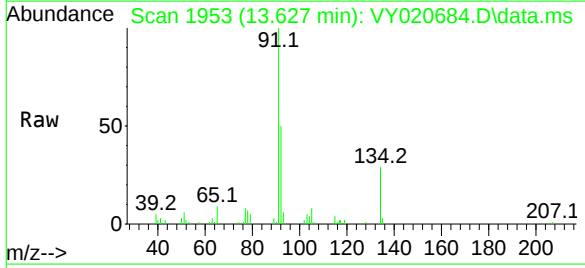
#89
n-Butylbenzene
Concen: 4.288 ug/l
RT: 13.627 min Scan# 1953
Delta R.T. -0.000 min
Lab File: VY020684.D
Acq: 23 Dec 2024 11:30

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Tgt Ion	Ratio	Lower	Upper
91	100		
92	47.3	26.8	80.4
134	26.6	12.5	37.5

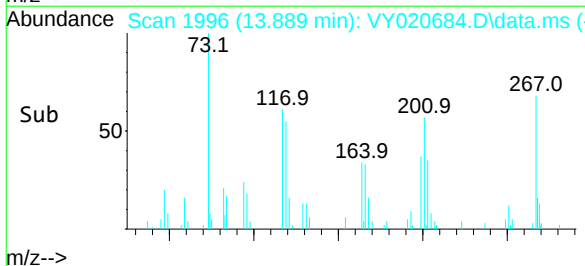
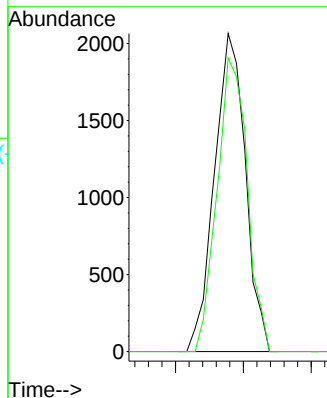
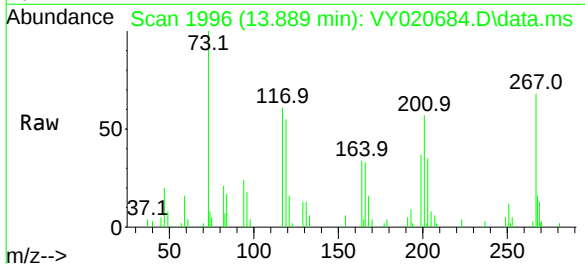
Manual Integrations
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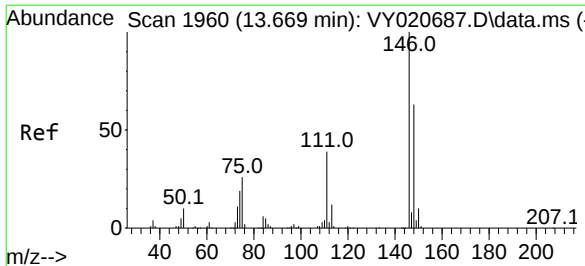
Reviewed By :Semsettin Yesilyurt 12/24/2024
Supervised By :Mahesh Dadoda 12/26/2024



#90
Hexachloroethane
Concen: 4.403 ug/l
RT: 13.889 min Scan# 1996
Delta R.T. -0.000 min
Lab File: VY020684.D
Acq: 23 Dec 2024 11:30

Tgt Ion	Ratio	Lower	Upper
117	100		
201	90.0	39.1	117.3





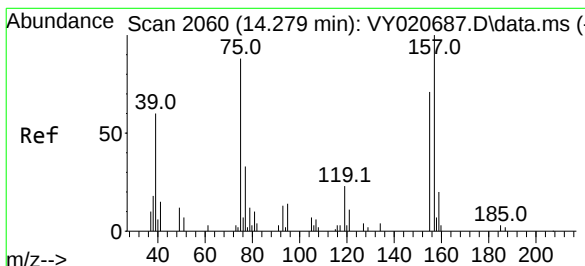
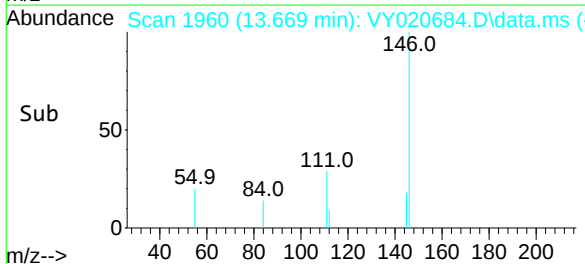
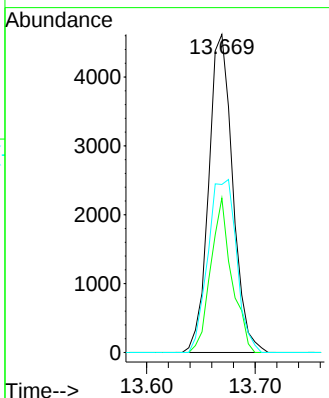
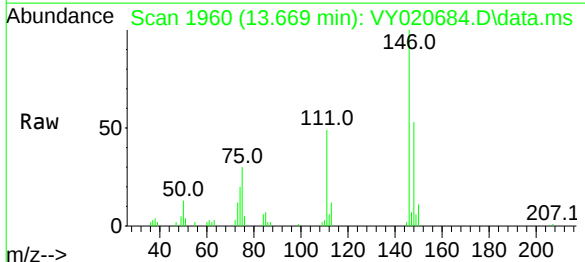
#91
1,2-Dichlorobenzene
Concen: 4.342 ug/l
RT: 13.669 min Scan# 1960
Delta R.T. -0.000 min
Lab File: VY020684.D
Acq: 23 Dec 2024 11:30

Instrument : MSVOA_Y
ClientSampleId : VSTDIC005

Tgt Ion:	146	Resp:	7116
Ion Ratio	Lower	Upper	
146	100		
111	42.4	21.3	63.7
148	64.6	32.0	96.0

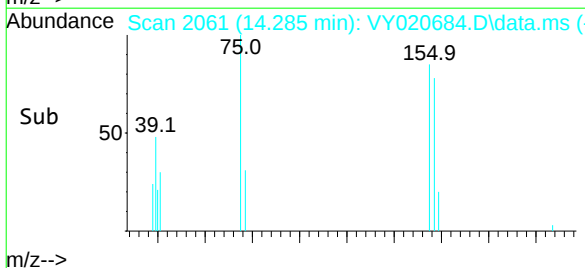
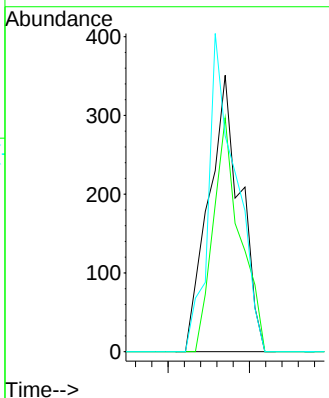
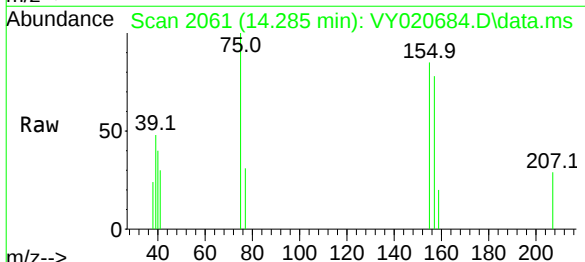
Manual Integrations
APPROVED

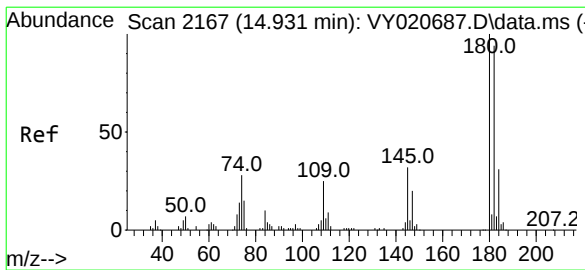
Reviewed By :Semsettin Yesilyurt 12/24/2024
Supervised By :Mahesh Dadoda 12/26/2024



#92
1,2-Dibromo-3-Chloropropane
Concen: 4.516 ug/l
RT: 14.285 min Scan# 2061
Delta R.T. 0.006 min
Lab File: VY020684.D
Acq: 23 Dec 2024 11:30

Tgt Ion:	75	Resp:	478
Ion Ratio	Lower	Upper	
75	100		
155	71.3	41.1	123.3
157	99.2	52.9	158.8





#93

1,2,4-Trichlorobenzene

Concen: 3.671 ug/l

RT: 14.937 min Scan# 2167

Delta R.T. 0.006 min

Lab File: VY020684.D

Acq: 23 Dec 2024 11:30

Instrument :

MSVOA_Y

ClientSampleId :

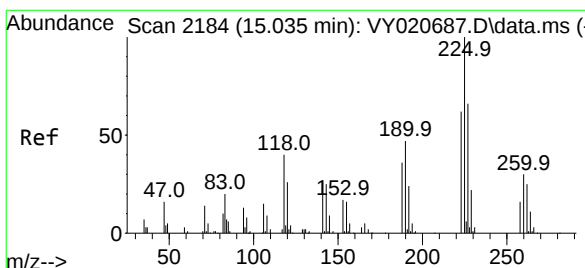
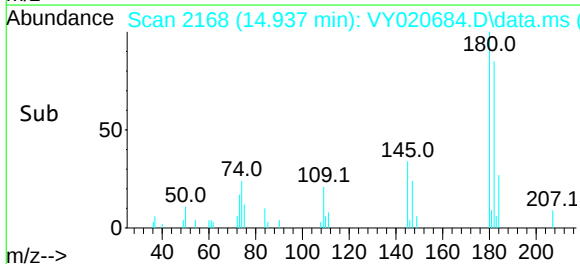
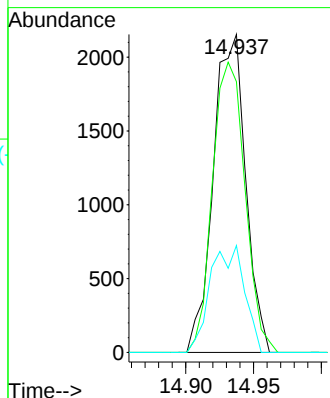
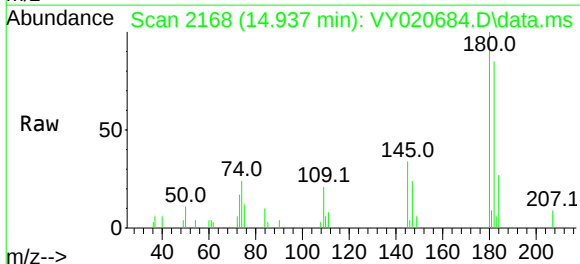
VSTDIC005

Tgt Ion:	180	Resp:	3572
Ion	Ratio	Lower	Upper
180	100		
182	92.1	47.9	143.6
145	35.5	15.6	46.7

Manual Integrations

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#94

Hexachlorobutadiene

Concen: 4.083 ug/l

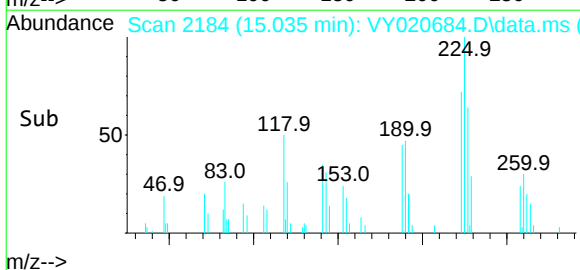
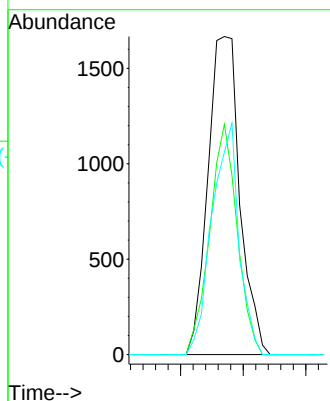
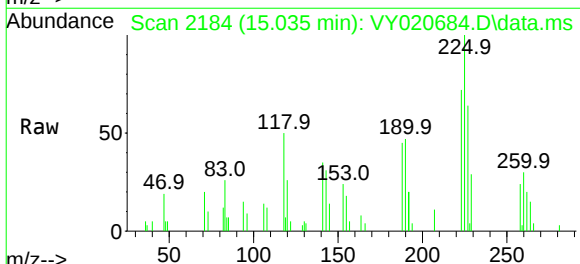
RT: 15.035 min Scan# 2184

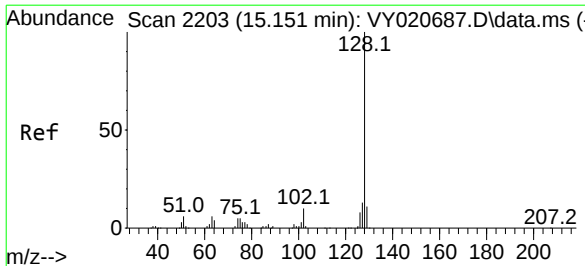
Delta R.T. -0.000 min

Lab File: VY020684.D

Acq: 23 Dec 2024 11:30

Tgt Ion:	225	Resp:	2958
Ion	Ratio	Lower	Upper
225	100		
223	62.2	31.8	95.3
227	61.3	32.2	96.6





#95

Naphthalene

Concen: 6.410 ug/l

RT: 15.157 min Scan# 2204

Delta R.T. 0.006 min

Lab File: VY020684.D

Acq: 23 Dec 2024 11:30

Instrument :

MSVOA_Y

ClientSampleId :

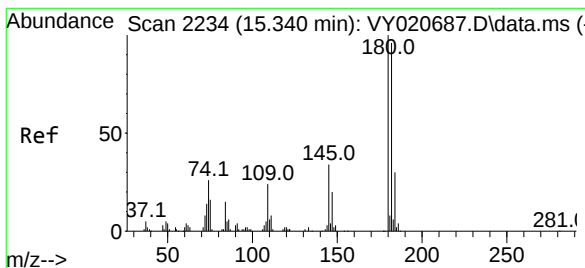
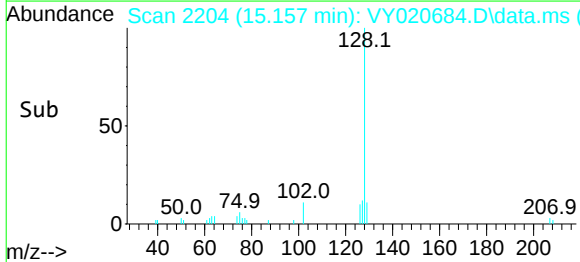
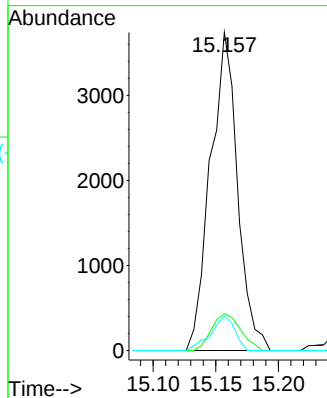
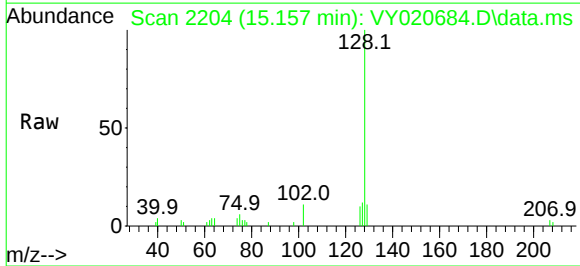
VSTDIC005

Tgt Ion:	128	Resp:	5634
Ion	Ratio	Lower	Upper
128	100		
127	12.4	10.7	16.1
129	9.5	8.5	12.7

Manual Integrations

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Supervised By :Mahesh Dadoda 12/26/2024



#96

1,2,3-Trichlorobenzene

Concen: 3.629 ug/l

RT: 15.346 min Scan# 2235

Delta R.T. 0.006 min

Lab File: VY020684.D

Acq: 23 Dec 2024 11:30

Tgt Ion:	180	Resp:	2952
Ion	Ratio	Lower	Upper
180	100		
182	96.9	47.3	141.9
145	34.2	16.0	48.0

