

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121824\
 Data File : VY020624.D
 Acq On : 18 Dec 2024 10:06
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Quant Time: Dec 18 14:20:48 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y121724S.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 18 05:27:13 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Romaben Patel 12/19/2024
 Supervised By :Semsettin Yesilyurt 12/19/2024

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	168319	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	264221	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	226779	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	124266	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.061	65	86558	46.954	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	93.900%
35) Dibromofluoromethane	7.640	113	87855	47.179	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	94.360%
50) Toluene-d8	10.109	98	316621	48.577	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	97.160%
62) 4-Bromofluorobenzene	12.408	95	113536	44.531	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	89.060%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.867	85	112318	53.424	ug/l	97
3) Chloromethane	2.074	50	91060	58.456	ug/l	100
4) Vinyl Chloride	2.208	62	86513	59.670	ug/l	98
5) Bromomethane	2.605	94	53404	57.301	ug/l	98
6) Chloroethane	2.739	64	54831	61.198	ug/l	96
7) Trichlorofluoromethane	3.068	101	165137	54.433	ug/l	98
8) Diethyl Ether	3.458	74	55435	52.102	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.824	101	122111	56.155	ug/l	99
10) Methyl Iodide	4.013	142	142447	58.838	ug/l	98
11) Tert butyl alcohol	4.872	59	42696	215.219	ug/l	99
12) 1,1-Dichloroethene	3.793	96	118244	56.042	ug/l	99
13) Acrolein	3.659	56	18414	211.249	ug/l	99
14) Allyl chloride	4.391	41	211903	57.316	ug/l	99
15) Acrylonitrile	5.068	53	133405	262.091	ug/l	99
16) Acetone	3.873	43	96362	263.467	ug/l	99
17) Carbon Disulfide	4.110	76	390399	56.844	ug/l	100
18) Methyl Acetate	4.391	43	68126	54.317	ug/l	100
19) Methyl tert-butyl Ether	5.122	73	296740	54.490	ug/l	99
20) Methylene Chloride	4.622	84	122238	53.332	ug/l	98
21) trans-1,2-Dichloroethene	5.122	96	131418	55.526	ug/l	96
22) Diisopropyl ether	6.025	45	419889	55.951	ug/l	99
23) Vinyl Acetate	5.964	43	1169883	275.244	ug/l	100
24) 1,1-Dichloroethane	5.921	63	244246	55.556	ug/l	98
25) 2-Butanone	6.896	43	169240	247.034	ug/l	99
26) 2,2-Dichloropropane	6.890	77	219802	52.887	ug/l	100
27) cis-1,2-Dichloroethene	6.896	96	149031	54.730	ug/l	100
28) Bromochloromethane	7.250	49	88572	59.728	ug/l	99
29) Tetrahydrofuran	7.268	42	113384	262.171	ug/l	100
30) Chloroform	7.427	83	250397	57.517	ug/l	98
31) Cyclohexane	7.707	56	221311	52.647	ug/l	100
32) 1,1,1-Trichloroethane	7.622	97	224446	55.569	ug/l	100
36) 1,1-Dichloropropene	7.841	75	182759	53.823	ug/l	99
37) Ethyl Acetate	6.988	43	80664	50.503	ug/l	99
38) Carbon Tetrachloride	7.823	117	204938	54.551	ug/l	97
39) Methylcyclohexane	9.109	83	237543	53.675	ug/l	98
40) Benzene	8.085	78	540984	54.354	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.220	41	44038	52.153	ug/l #	91
42) 1,2-Dichloroethane	8.158	62	141108	53.455	ug/l	100
43) Isopropyl Acetate	8.195	43	159807	52.850	ug/l	99
44) Trichloroethene	8.866	130	132352	54.118	ug/l	98
45) 1,2-Dichloropropane	9.146	63	125765	54.066	ug/l	96
46) Dibromomethane	9.231	93	64580	52.532	ug/l	99
47) Bromodichloromethane	9.426	83	179372	54.016	ug/l	99
48) Methyl methacrylate	9.219	41	77215	53.715	ug/l	99
49) 1,4-Dioxane	9.231	88	14022	994.589	ug/l	92
51) 4-Methyl-2-Pentanone	10.000	43	404285	253.299	ug/l	100
52) Toluene	10.170	92	339344	54.863	ug/l	100
53) t-1,3-Dichloropropene	10.396	75	170796	55.198	ug/l	96
54) cis-1,3-Dichloropropene	9.859	75	202649	55.269	ug/l	100
55) 1,1,2-Trichloroethane	10.573	97	85539	52.628	ug/l	98
56) Ethyl methacrylate	10.438	69	129721	55.014	ug/l	98
57) 1,3-Dichloropropane	10.719	76	156953	54.170	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.713	63	256343	258.372	ug/l	99
59) 2-Hexanone	10.762	43	269419	262.911	ug/l	99
60) Dibromochloromethane	10.914	129	117491	54.051	ug/l	99
61) 1,2-Dibromoethane	11.018	107	80970	53.556	ug/l	99
64) Tetrachloroethene	10.646	164	116607	54.665	ug/l	97
65) Chlorobenzene	11.444	112	357020	56.304	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.518	131	121601	56.082	ug/l	99
67) Ethyl Benzene	11.518	91	655644	56.046	ug/l	98
68) m/p-Xylenes	11.627	106	483989	111.272	ug/l	100
69) o-Xylene	11.957	106	227073	55.953	ug/l	98
70) Styrene	11.969	104	380019	56.046	ug/l	99
71) Bromoform	12.133	173	66448	54.507	ug/l #	99
73) Isopropylbenzene	12.255	105	619007	57.082	ug/l	100
74) N-amyl acetate	12.072	43	142658	56.212	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.505	83	95566	54.292	ug/l	100
76) 1,2,3-Trichloropropane	12.554	75	74171m	57.458	ug/l	
77) Bromobenzene	12.536	156	129556	54.846	ug/l	98
78) n-propylbenzene	12.597	91	736385	56.363	ug/l	100
79) 2-Chlorotoluene	12.682	91	413534	56.258	ug/l	100
80) 1,3,5-Trimethylbenzene	12.737	105	495961	56.365	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.304	75	35174	57.195	ug/l	99
82) 4-Chlorotoluene	12.780	91	426293	55.900	ug/l	99
83) tert-Butylbenzene	12.999	119	443445	55.648	ug/l	100
84) 1,2,4-Trimethylbenzene	13.042	105	486708	56.391	ug/l	98
85) sec-Butylbenzene	13.176	105	646469	55.795	ug/l	100
86) p-Isopropyltoluene	13.292	119	537317	56.247	ug/l	100
87) 1,3-Dichlorobenzene	13.292	146	255653	54.826	ug/l	99
88) 1,4-Dichlorobenzene	13.371	146	251527	54.463	ug/l	99
89) n-Butylbenzene	13.621	91	513421	56.710	ug/l	99
90) Hexachloroethane	13.883	117	105978	55.981	ug/l	100
91) 1,2-Dichlorobenzene	13.664	146	221550	54.837	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.279	75	14761	51.651	ug/l	97
93) 1,2,4-Trichlorobenzene	14.926	180	139170	56.949	ug/l	99
94) Hexachlorobutadiene	15.029	225	91388	57.205	ug/l	99
95) Naphthalene	15.151	128	241249	57.582	ug/l	99
96) 1,2,3-Trichlorobenzene	15.334	180	117769	57.038	ug/l	100

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

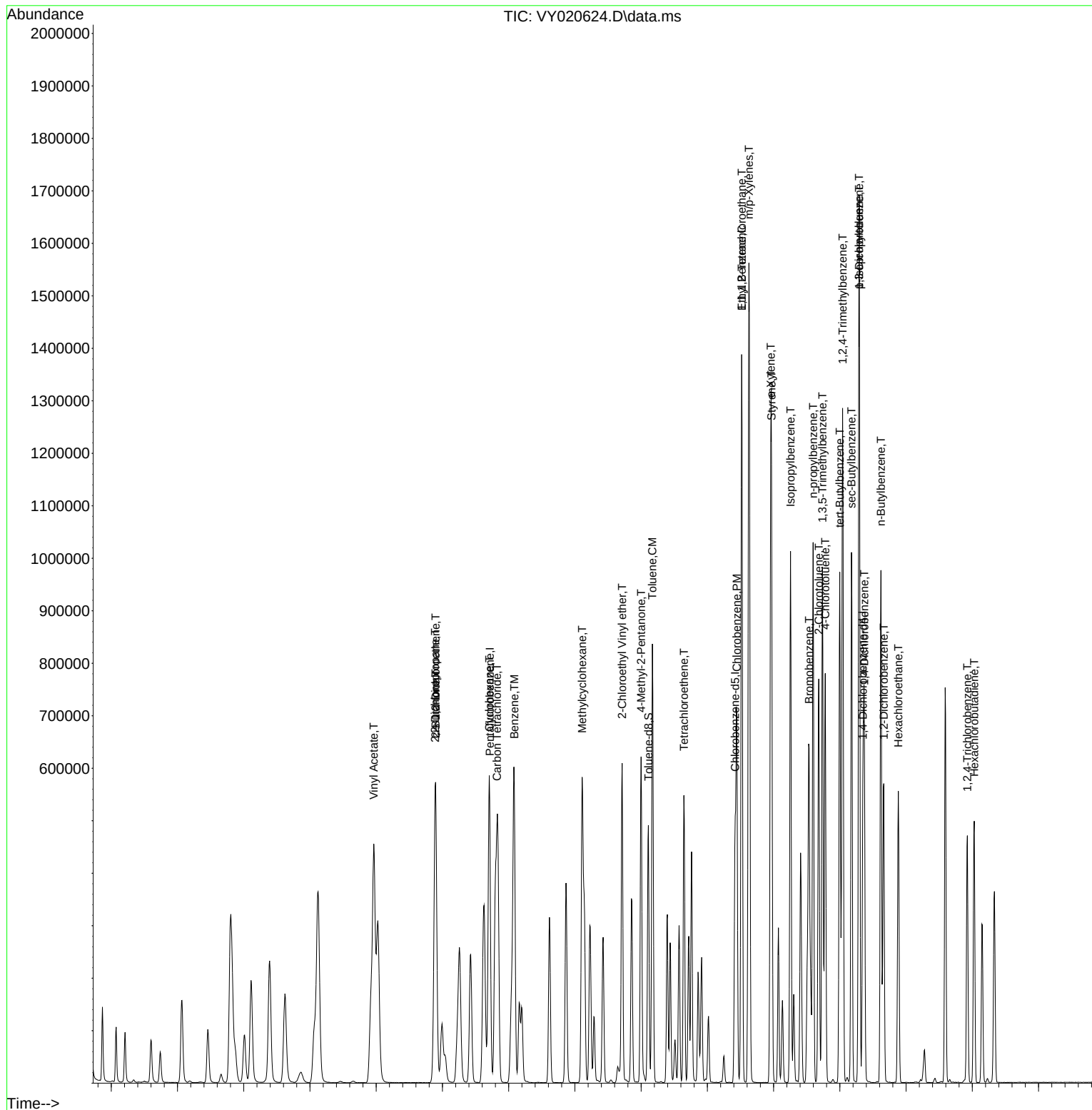
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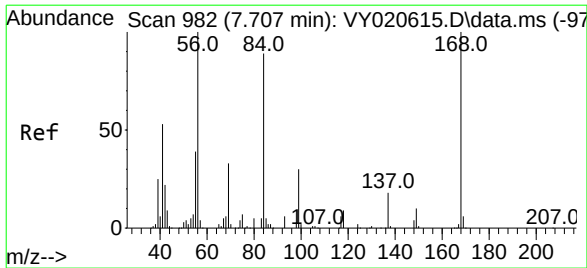
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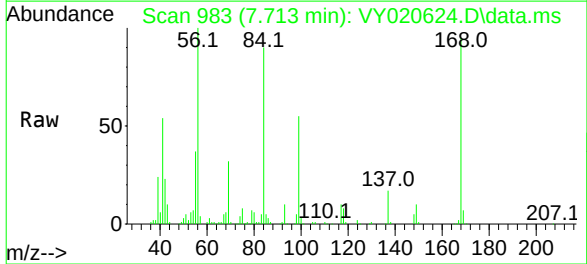
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 98
Delta R.T. 0.006 min
Lab File: VY020624.D
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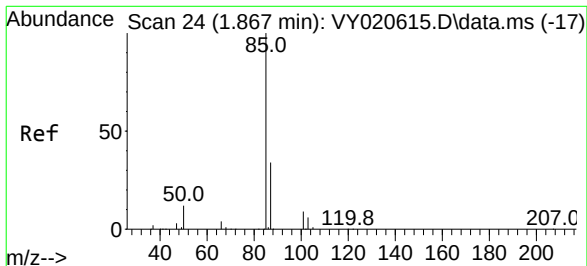
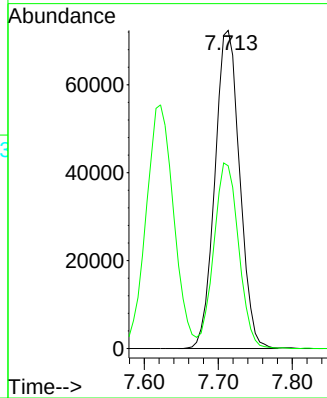
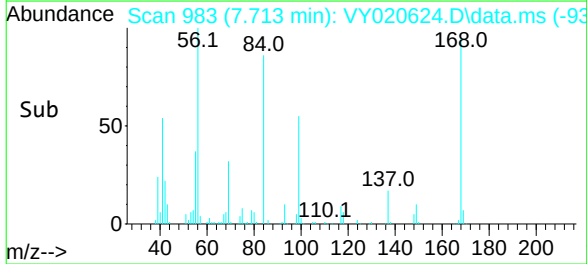
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 168 Resp: 168319
Ion Ratio Lower Upper
168 100
99 57.3 47.0 70.6

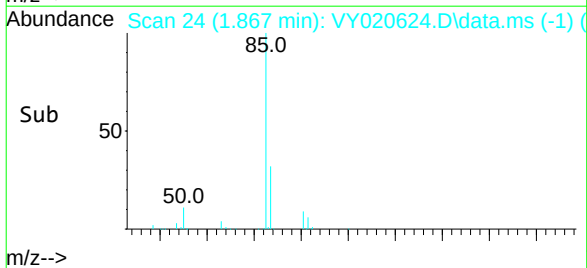
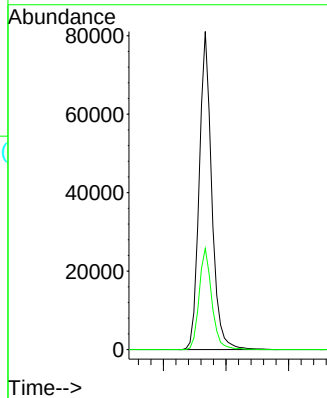
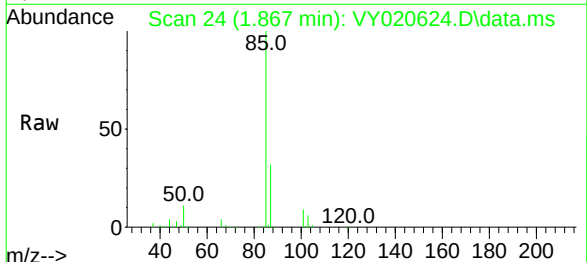
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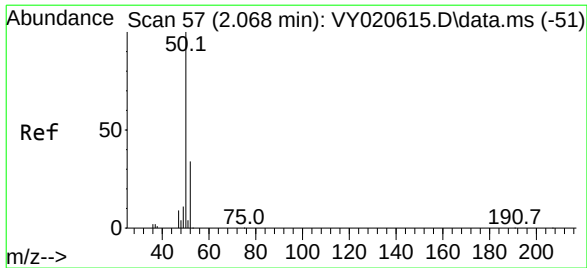
Reviewed By :Romaben Patel 12/19/2024
Supervised By :Semsettin Yesilyurt 12/19/2024



#2
Dichlorodifluoromethane
Concen: 53.424 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.000 min
Lab File: VY020624.D
Acq: 18 Dec 2024 10:06

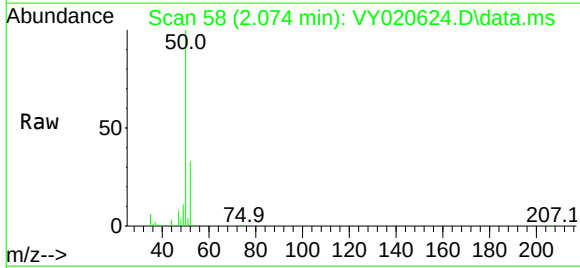
Tgt Ion: 85 Resp: 112318
Ion Ratio Lower Upper
85 100
87 31.8 16.8 50.3





#3
Chloromethane
Concen: 58.456 ug/l
RT: 2.074 min Scan# 58
Delta R.T. 0.006 min
Lab File: VY020624.D
Acq: 18 Dec 2024 10:06

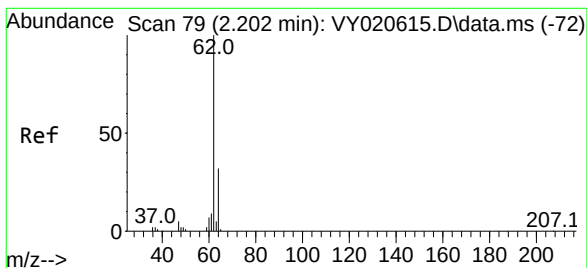
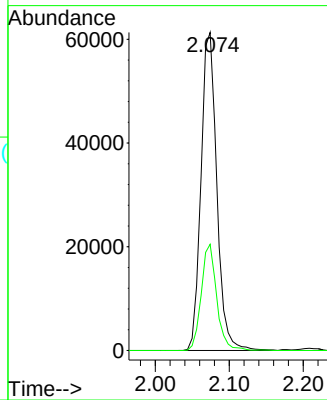
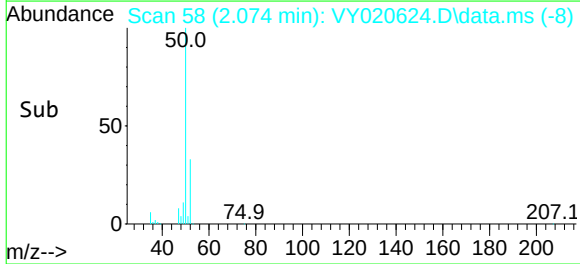
Instrument :
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Tgt Ion: 50 Resp: 91060
Ion Ratio Lower Upper
50 100
52 33.4 26.8 40.2

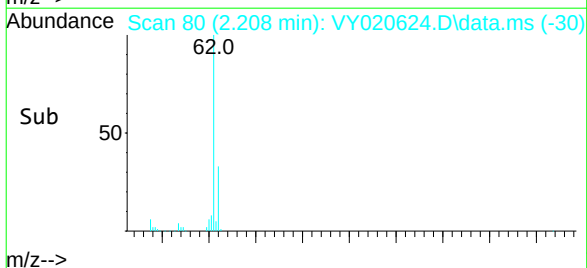
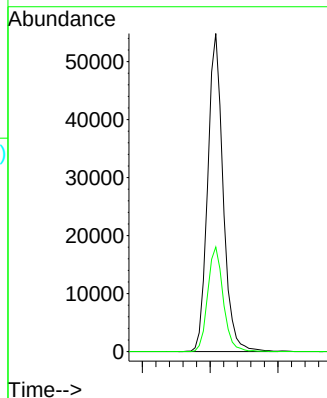
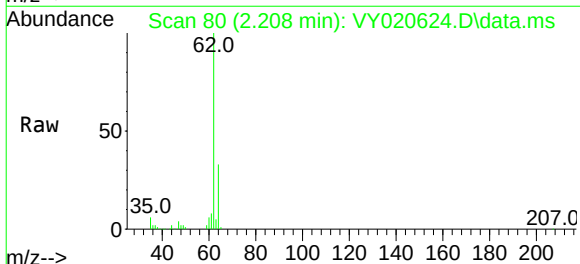
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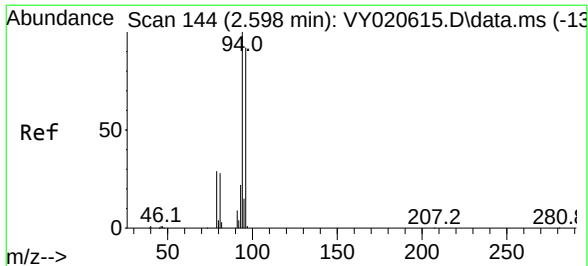
Reviewed By :Romaben Patel 12/19/2024
Supervised By :Semsettin Yesilyurt 12/19/2024



#4
Vinyl Chloride
Concen: 59.670 ug/l
RT: 2.208 min Scan# 80
Delta R.T. 0.006 min
Lab File: VY020624.D
Acq: 18 Dec 2024 10:06

Tgt Ion: 62 Resp: 86513
Ion Ratio Lower Upper
62 100
64 32.9 25.3 37.9





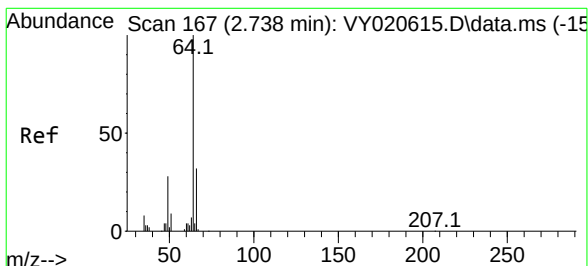
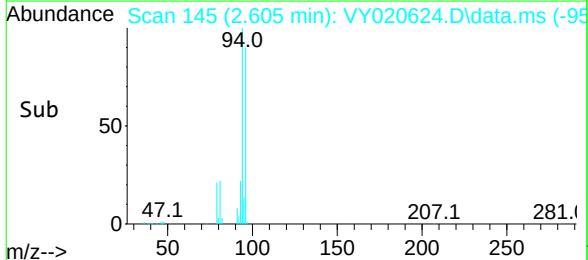
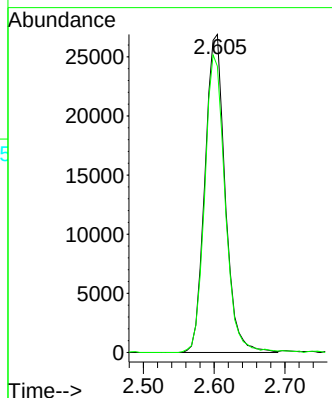
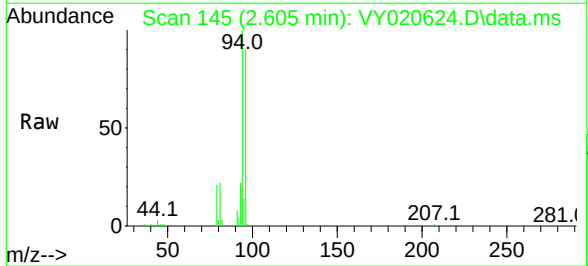
#5
Bromomethane
Concen: 57.301 ug/l
RT: 2.605 min Scan# 144
Delta R.T. 0.006 min
Lab File: VY020624.D
Acq: 18 Dec 2024 10:06

Instrument :
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ClientSampleId :
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Tgt Ion: 94 Resp: 53404
Ion Ratio Lower Upper
94 100
96 90.0 73.8 110.6

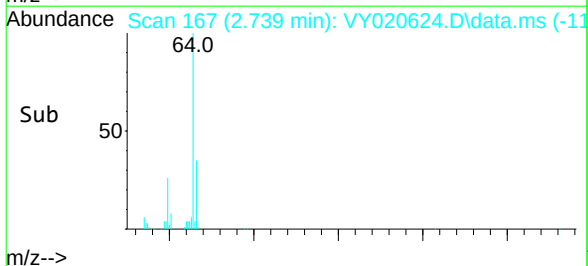
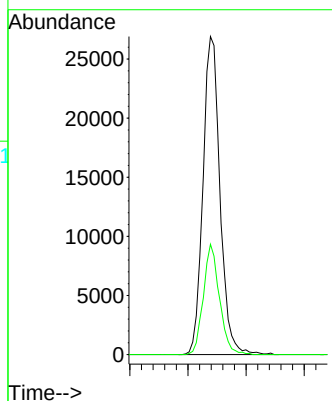
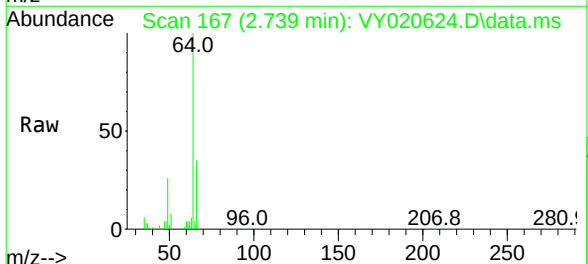
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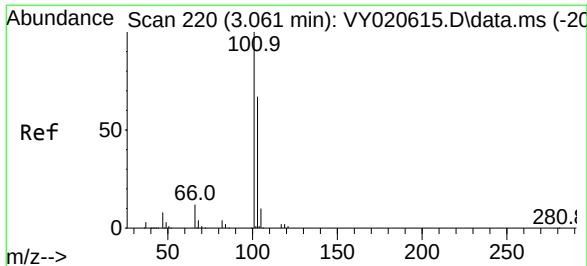
Reviewed By :Romaben Patel 12/19/2024
Supervised By :Semsettin Yesilyurt 12/19/2024



#6
Chloroethane
Concen: 61.198 ug/l
RT: 2.739 min Scan# 167
Delta R.T. 0.000 min
Lab File: VY020624.D
Acq: 18 Dec 2024 10:06

Tgt Ion: 64 Resp: 54831
Ion Ratio Lower Upper
64 100
66 34.7 25.8 38.6





#7

Trichlorofluoromethane

Concen: 54.433 ug/l

RT: 3.068 min Scan# 220

Delta R.T. 0.006 min

Lab File: VY020624.D

Acq: 18 Dec 2024 10:06

Instrument :

MSVOA_Y

ClientSampleId :

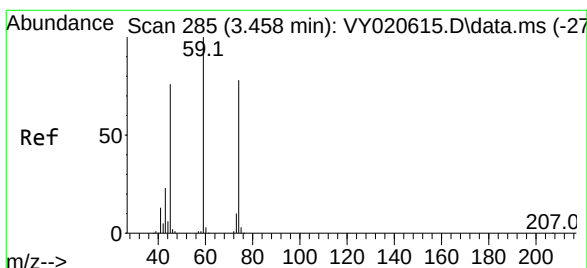
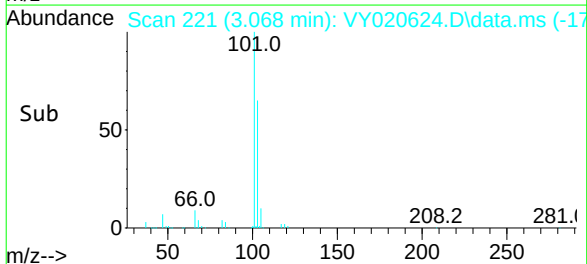
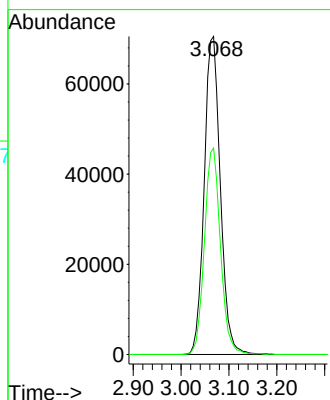
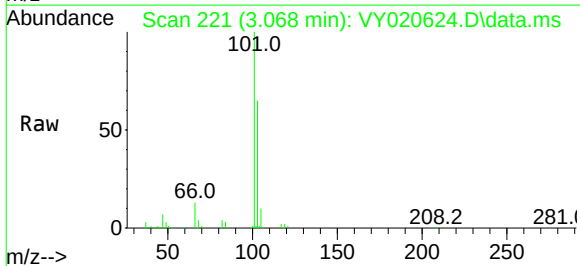
VSTDCCC050

Tgt Ion:101 Resp: 165137
 Ion Ratio Lower Upper
 101 100
 103 64.9 53.4 80.0

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#8

Diethyl Ether

Concen: 52.102 ug/l

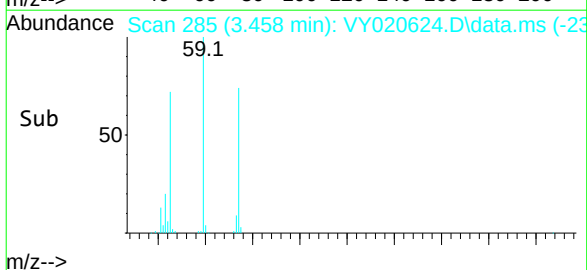
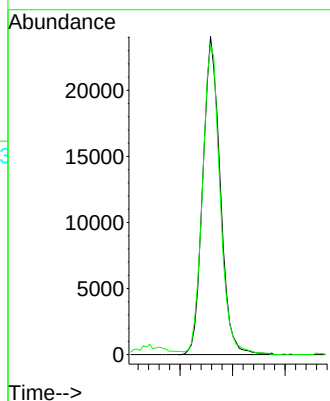
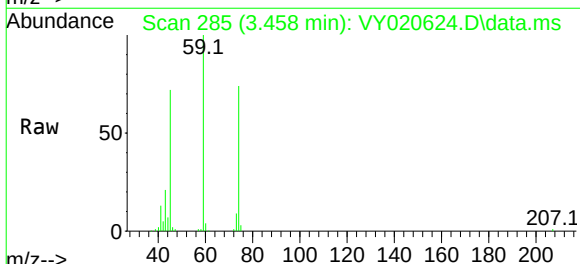
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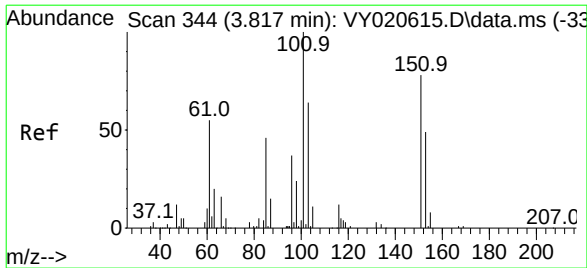
Delta R.T. 0.000 min

Lab File: VY020624.D

Acq: 18 Dec 2024 10:06

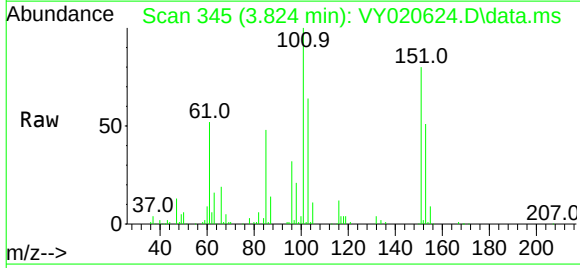
Tgt Ion: 74 Resp: 55435
 Ion Ratio Lower Upper
 74 100
 45 98.9 49.0 147.2





#9
1,1,2-Trichlorotrifluoroethane
Concen: 56.155 ug/l
RT: 3.824 min Scan# 344
Delta R.T. 0.006 min
Lab File: VY020624.D
Acq: 18 Dec 2024 10:06

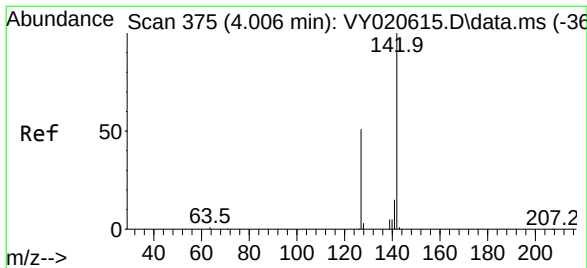
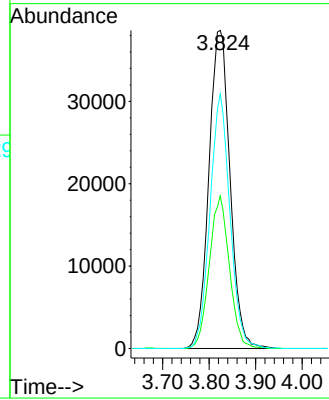
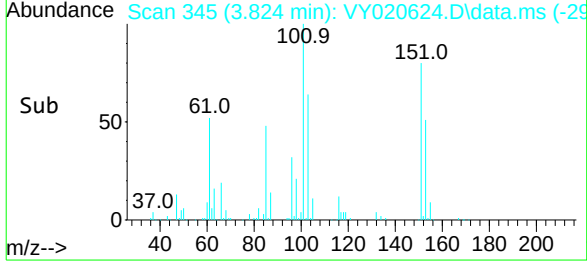
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



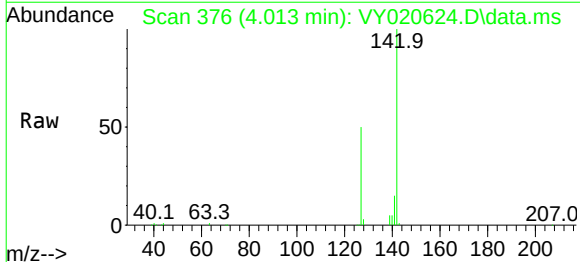
Tgt Ion	Ratio	Lower	Upper
101	100		
85	45.4	36.6	54.8
151	75.5	61.5	92.3

Manual Integrations
APPROVED

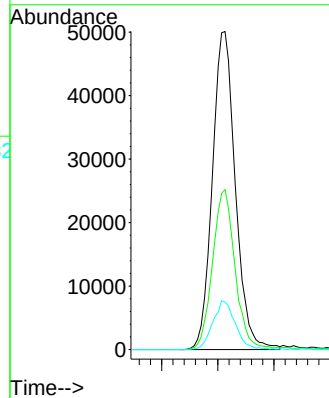
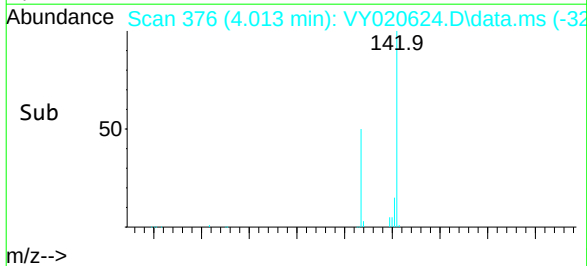
Reviewed By :Romaben Patel 12/19/2024
Supervised By :Semsettin Yesilyurt 12/19/2024

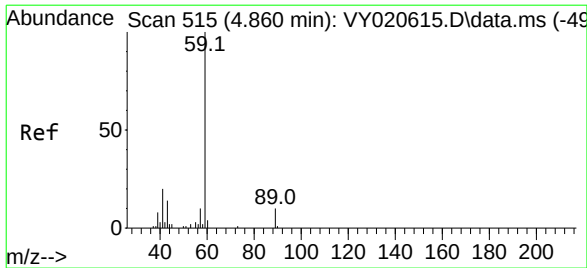


#10
Methyl Iodide
Concen: 58.838 ug/l
RT: 4.013 min Scan# 376
Delta R.T. 0.007 min
Lab File: VY020624.D
Acq: 18 Dec 2024 10:06



Tgt Ion	Ratio	Lower	Upper
142	100		
127	49.3	40.6	61.0
141	15.1	11.7	17.5





#11

Tert butyl alcohol

Concen: 215.219 ug/l

RT: 4.872 min Scan# 51

Delta R.T. 0.012 min

Lab File: VY020624.D

Acq: 18 Dec 2024 10:06

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 59 Resp: 42696

Ion Ratio Lower Upper

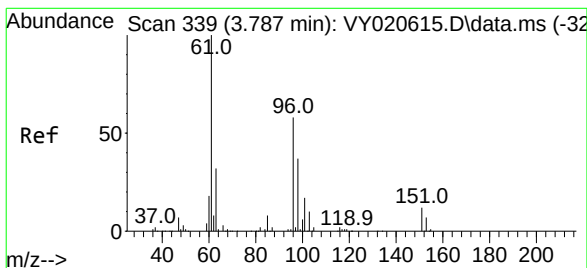
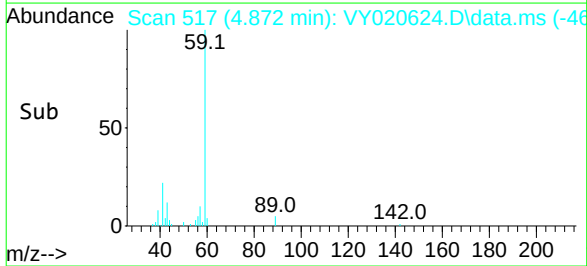
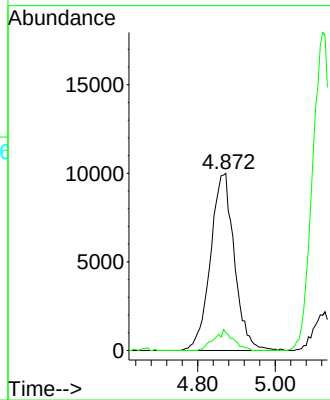
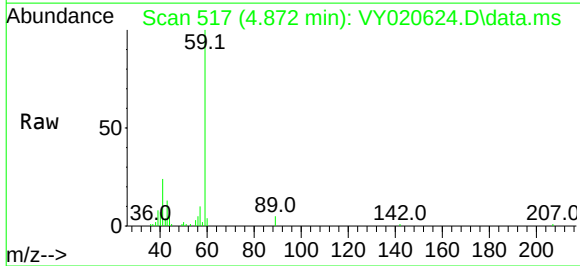
59 100

57 9.5 7.4 11.0

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 12/19/2024
Supervised By :Semsettin Yesilyurt 12/19/2024



#12

1,1-Dichloroethene

Concen: 56.042 ug/l

RT: 3.793 min Scan# 340

Delta R.T. 0.006 min

Lab File: VY020624.D

Acq: 18 Dec 2024 10:06

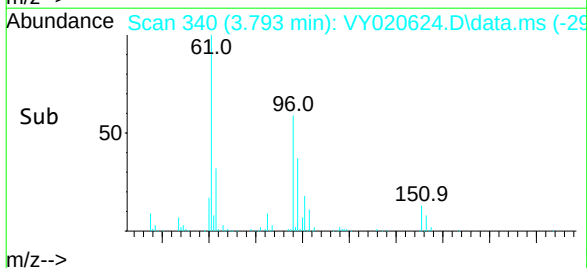
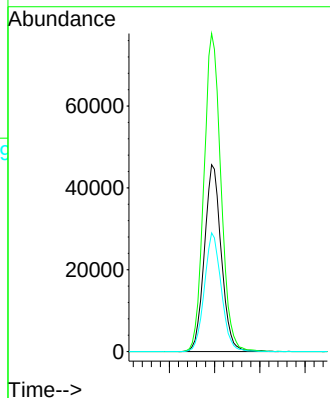
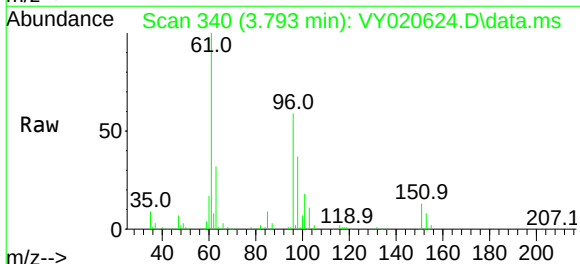
Tgt Ion: 96 Resp: 118244

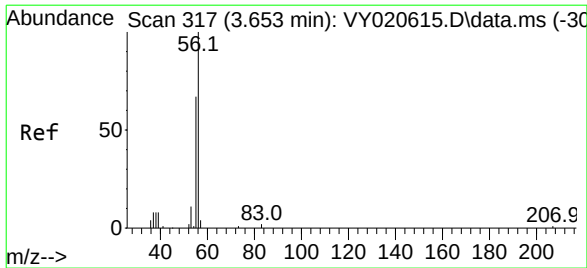
Ion Ratio Lower Upper

96 100

61 170.2 136.9 205.3

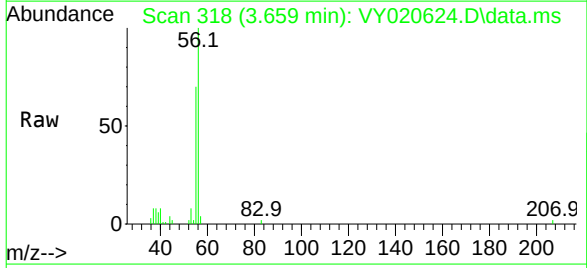
98 63.5 50.2 75.4





#13
Acrolein
Concen: 211.249 ug/l
RT: 3.659 min Scan# 317
Delta R.T. 0.006 min
Lab File: VY020624.D
Acq: 18 Dec 2024 10:06

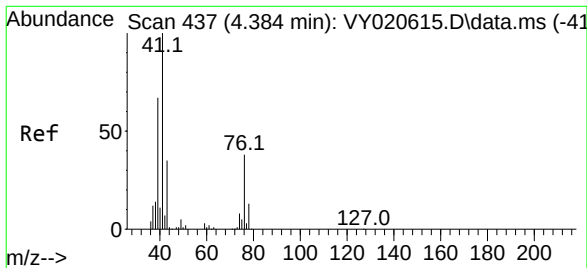
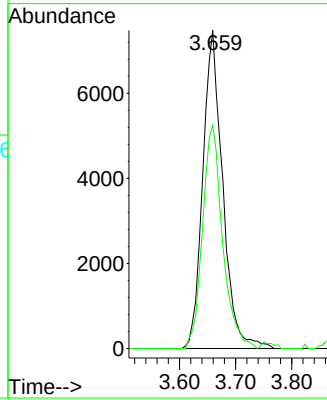
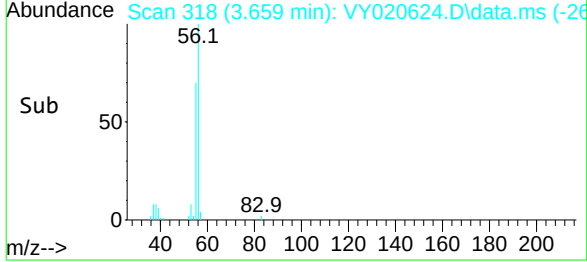
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 18414
Ion Ratio Lower Upper
56 100
55 70.9 57.5 86.3

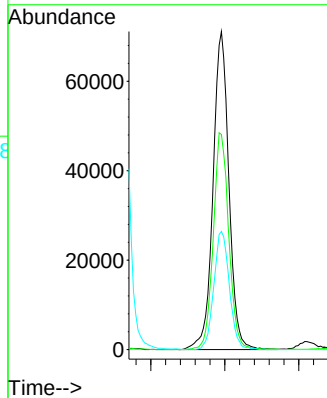
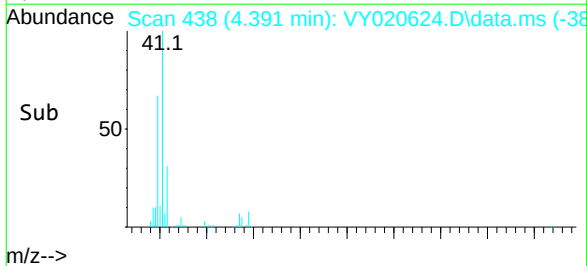
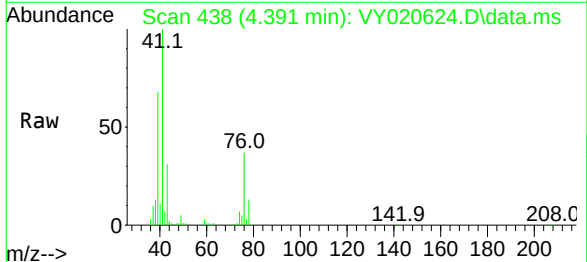
Manual Integrations
APPROVED

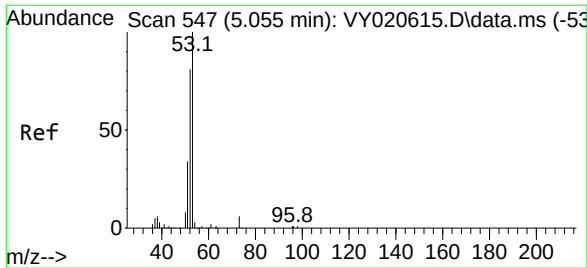
Reviewed By :Romaben Patel 12/19/2024
Supervised By :Semsettin Yesilyurt 12/19/2024



#14
Allyl chloride
Concen: 57.316 ug/l
RT: 4.391 min Scan# 438
Delta R.T. 0.006 min
Lab File: VY020624.D
Acq: 18 Dec 2024 10:06

Tgt Ion: 41 Resp: 211903
Ion Ratio Lower Upper
41 100
39 66.6 53.0 79.4
76 36.5 29.5 44.3





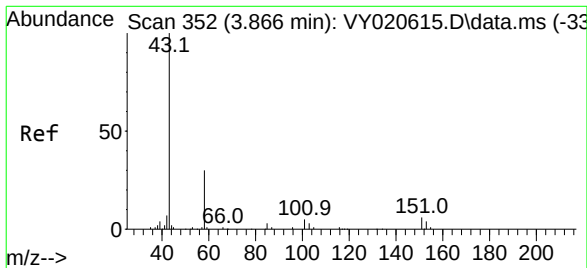
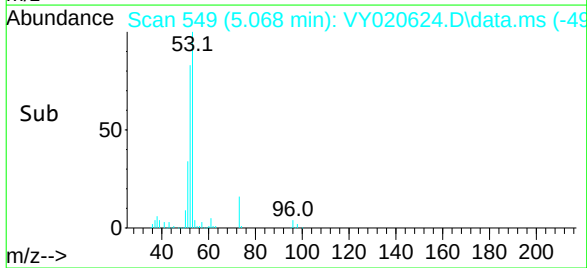
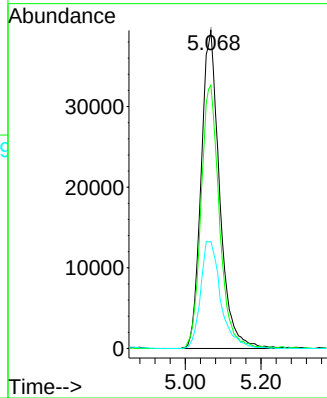
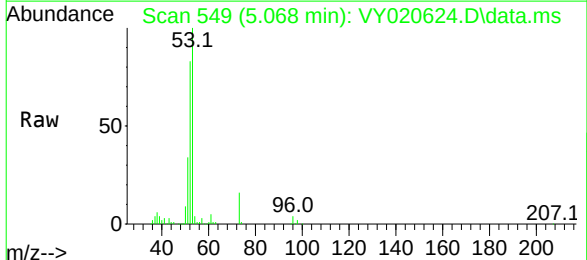
#15
Acrylonitrile
Concen: 262.091 ug/l
RT: 5.068 min Scan# 547
Delta R.T. 0.012 min
Lab File: VY020624.D
Acq: 18 Dec 2024 10:06

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 53	Resp: 133405
Ion Ratio	Lower Upper
53 100	
52 82.4	64.5 96.7
51 36.7	29.4 44.0

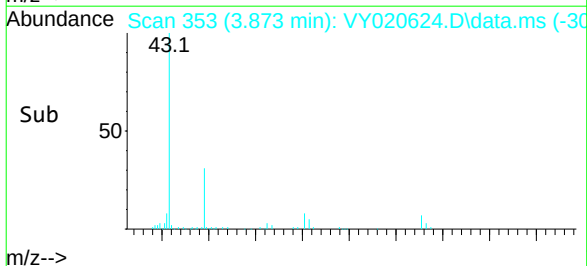
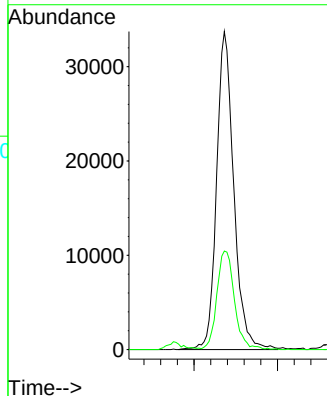
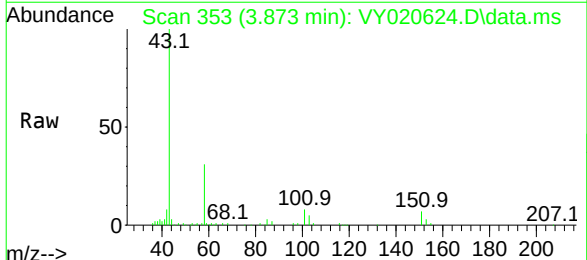
Manual Integrations
APPROVED

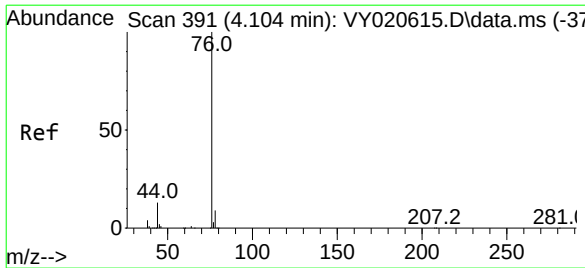
Reviewed By :Romaben Patel 12/19/2024
Supervised By :Semsettin Yesilyurt 12/19/2024



#16
Acetone
Concen: 263.467 ug/l
RT: 3.873 min Scan# 353
Delta R.T. 0.007 min
Lab File: VY020624.D
Acq: 18 Dec 2024 10:06

Tgt Ion: 43	Resp: 96362
Ion Ratio	Lower Upper
43 100	
58 30.8	25.0 37.6





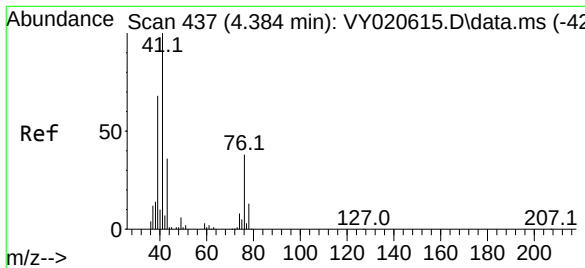
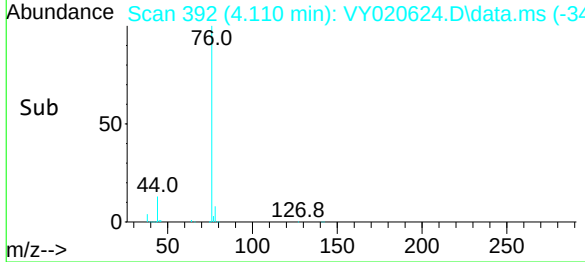
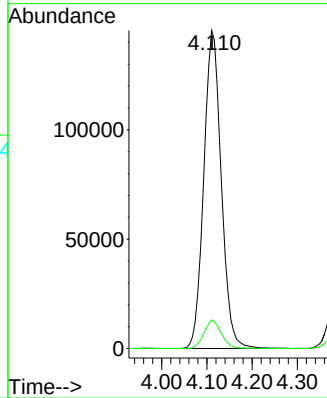
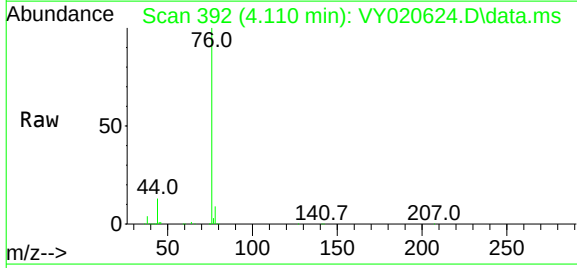
#17
Carbon Disulfide
Concen: 56.844 ug/l
RT: 4.110 min Scan# 391
Delta R.T. 0.006 min
Lab File: VY020624.D
Acq: 18 Dec 2024 10:06

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 390399
Ion Ratio Lower Upper
76 100
78 9.0 7.2 10.8

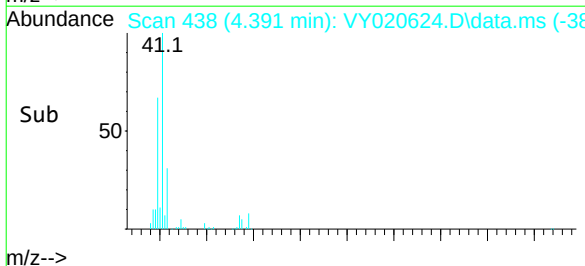
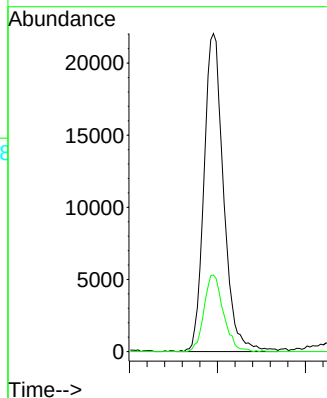
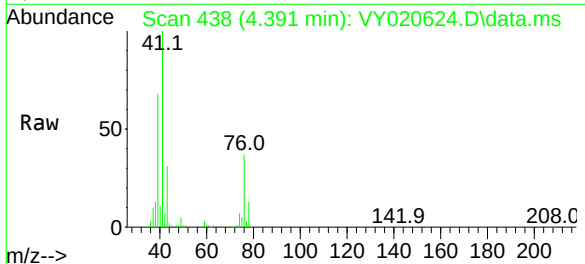
Manual Integrations
APPROVED

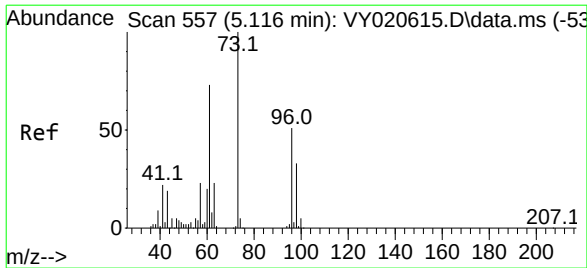
Reviewed By :Romaben Patel 12/19/2024
Supervised By :Semsettin Yesilyurt 12/19/2024



#18
Methyl Acetate
Concen: 54.317 ug/l
RT: 4.391 min Scan# 438
Delta R.T. 0.006 min
Lab File: VY020624.D
Acq: 18 Dec 2024 10:06

Tgt Ion: 43 Resp: 68126
Ion Ratio Lower Upper
43 100
74 23.9 19.2 28.8





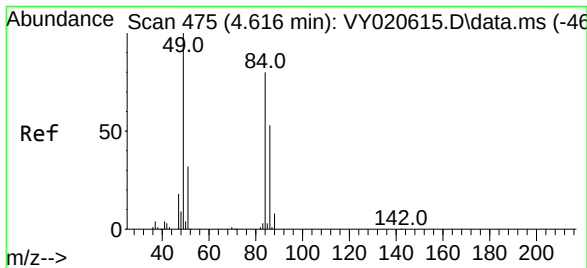
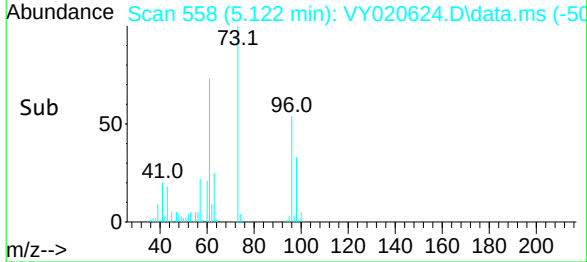
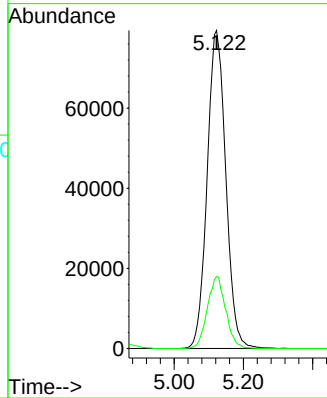
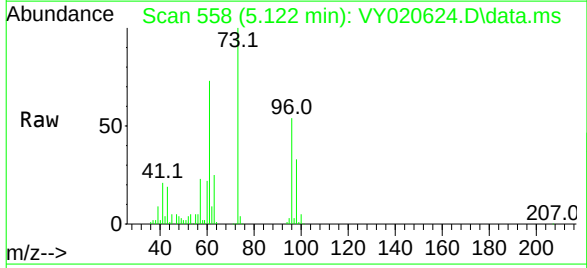
#19
Methyl tert-butyl Ether
Concen: 54.490 ug/l
RT: 5.122 min Scan# 557
Delta R.T. 0.006 min
Lab File: VY020624.D
Acq: 18 Dec 2024 10:06

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 296740
Ion Ratio Lower Upper
73 100
57 22.6 18.5 27.7

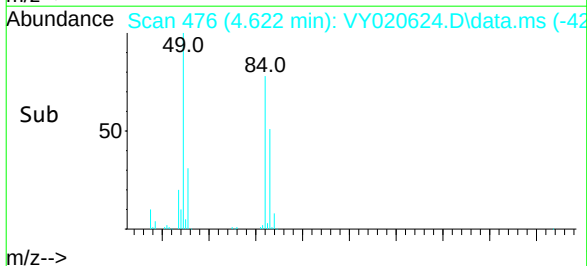
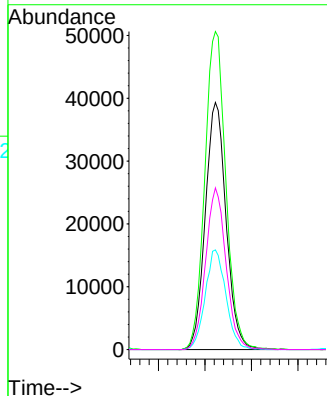
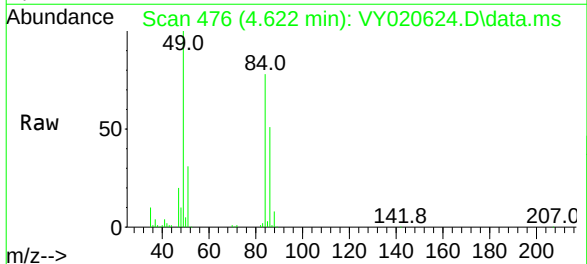
Manual Integrations
APPROVED

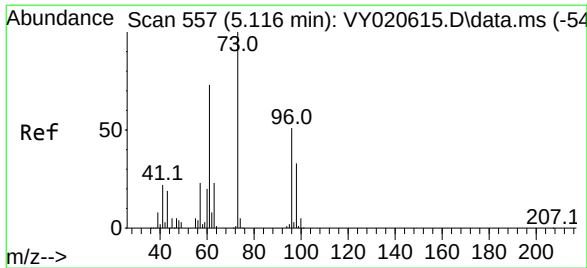
Reviewed By :Romaben Patel 12/19/2024
Supervised By :Semsettin Yesilyurt 12/19/2024



#20
Methylene Chloride
Concen: 53.332 ug/l
RT: 4.622 min Scan# 476
Delta R.T. 0.006 min
Lab File: VY020624.D
Acq: 18 Dec 2024 10:06

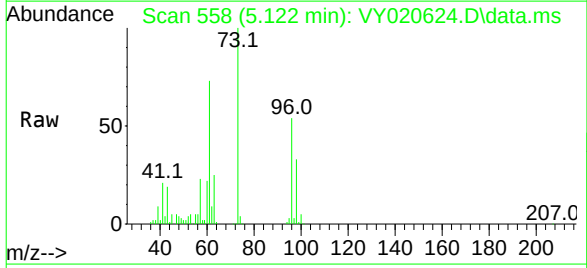
Tgt Ion: 84 Resp: 122238
Ion Ratio Lower Upper
84 100
49 128.7 100.7 151.1
51 40.3 32.2 48.2
86 65.4 53.0 79.6





#21
trans-1,2-Dichloroethene
Concen: 55.526 ug/l
RT: 5.122 min Scan# 557
Delta R.T. 0.006 min
Lab File: VY020624.D
Acq: 18 Dec 2024 10:06

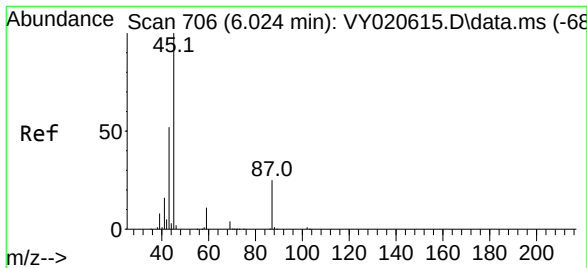
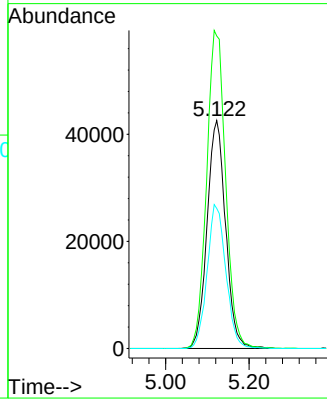
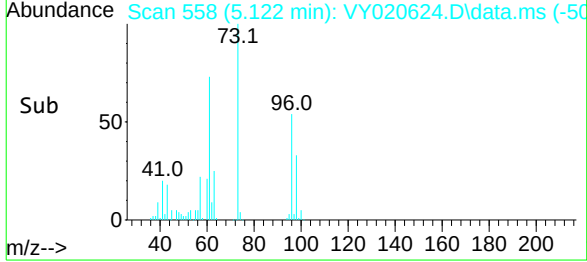
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



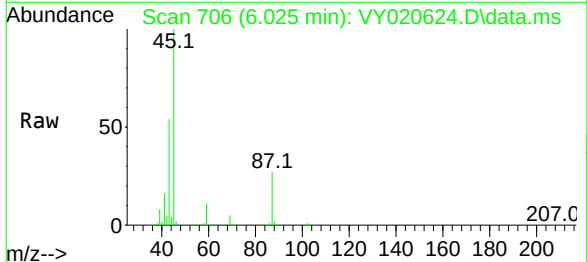
Tgt Ion: 96 Resp: 131418
Ion Ratio Lower Upper
96 100
61 137.1 113.7 170.5
98 61.4 51.7 77.5

Manual Integrations
APPROVED

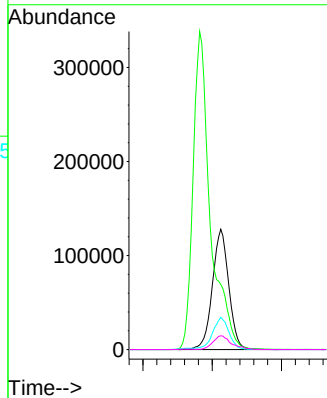
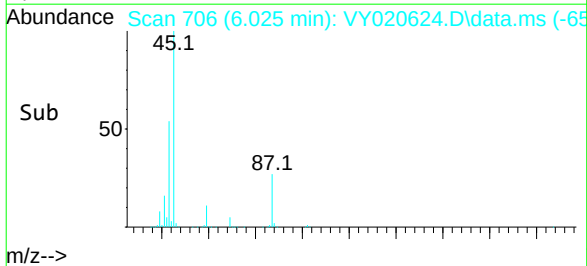
Reviewed By :Romaben Patel 12/19/2024
Supervised By :Semsettin Yesilyurt 12/19/2024

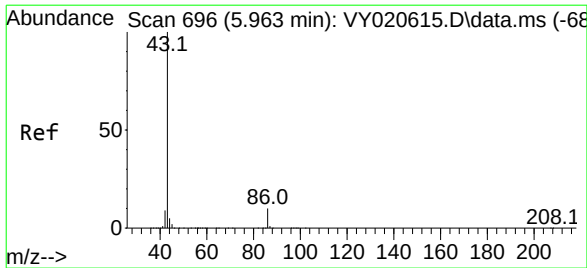


#22
Diisopropyl ether
Concen: 55.951 ug/l
RT: 6.025 min Scan# 706
Delta R.T. 0.000 min
Lab File: VY020624.D
Acq: 18 Dec 2024 10:06



Tgt Ion: 45 Resp: 419889
Ion Ratio Lower Upper
45 100
43 53.9 42.6 64.0
87 26.7 20.6 31.0
59 11.4 8.6 13.0





#23

Vinyl Acetate

Concen: 275.244 ug/l

RT: 5.964 min Scan# 69

Delta R.T. 0.000 min

Lab File: VY020624.D

Acq: 18 Dec 2024 10:06

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 1169883

Ion Ratio Lower Upper

43 100

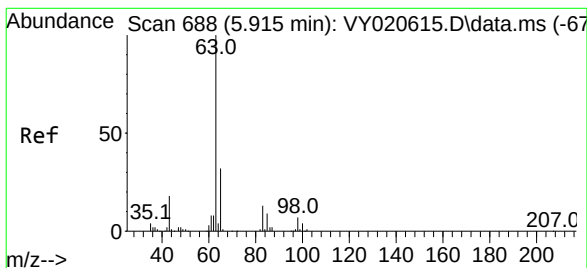
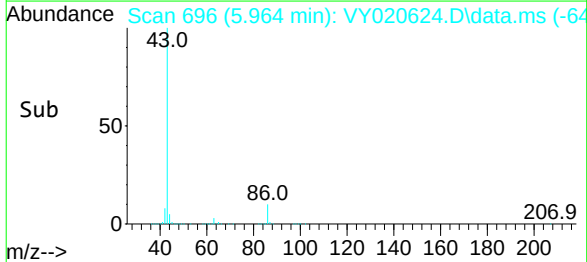
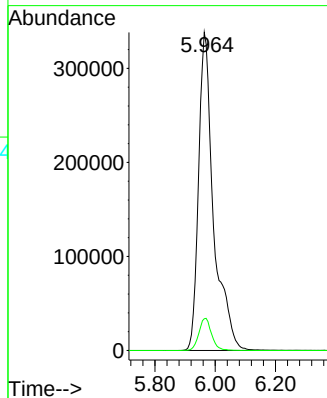
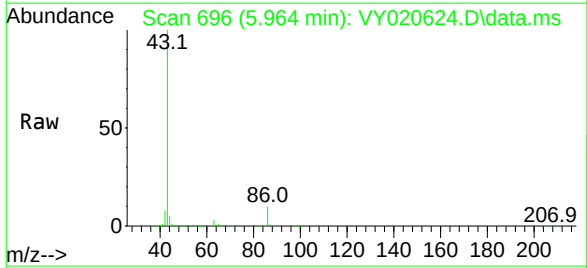
86 10.0 8.1 12.1

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 12/19/2024

Supervised By :Semsettin Yesilyurt 12/19/2024



#24

1,1-Dichloroethane

Concen: 55.556 ug/l

RT: 5.921 min Scan# 689

Delta R.T. 0.006 min

Lab File: VY020624.D

Acq: 18 Dec 2024 10:06

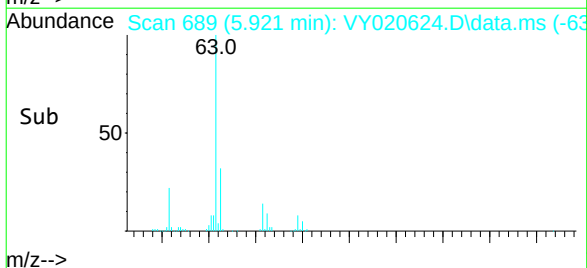
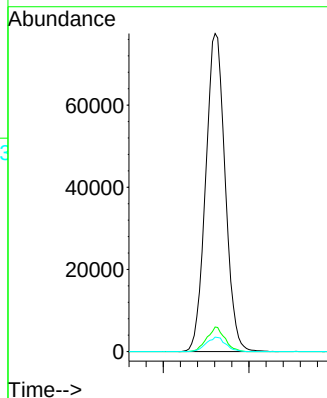
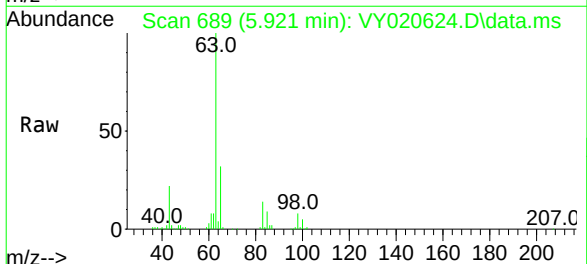
Tgt Ion: 63 Resp: 244246

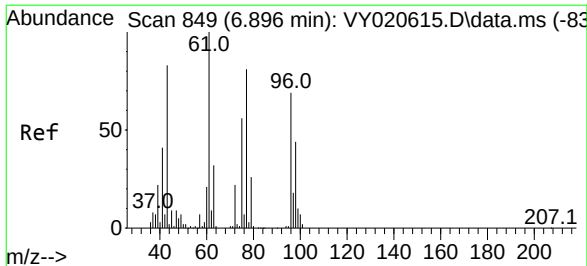
Ion Ratio Lower Upper

63 100

98 7.7 3.4 10.1

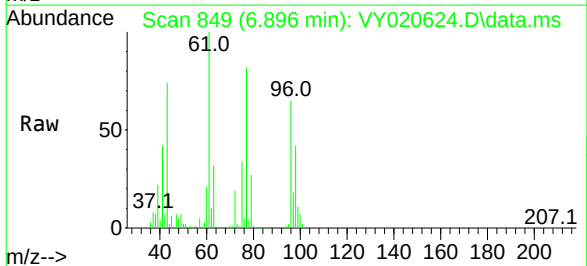
100 4.5 2.1 6.5





#25
2-Butanone
Concen: 247.034 ug/l
RT: 6.896 min Scan# 849
Delta R.T. 0.000 min
Lab File: VY020624.D
Acq: 18 Dec 2024 10:06

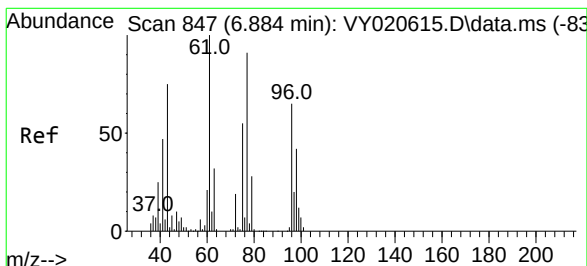
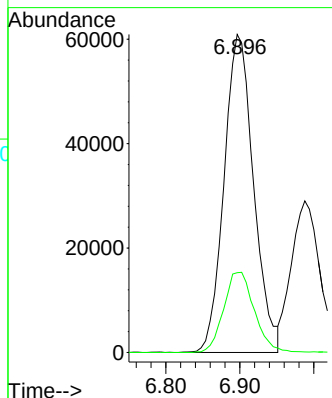
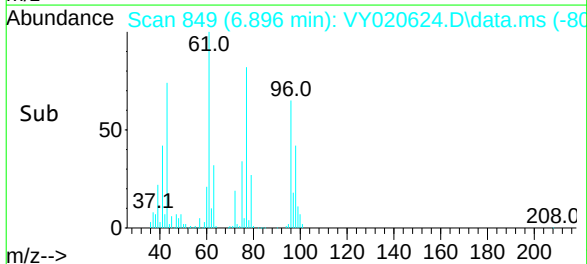
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



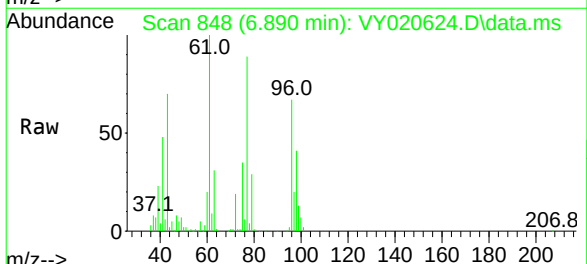
Tgt Ion: 43 Resp: 169240
Ion Ratio Lower Upper
43 100
72 25.1 20.6 31.0

Manual Integrations
APPROVED

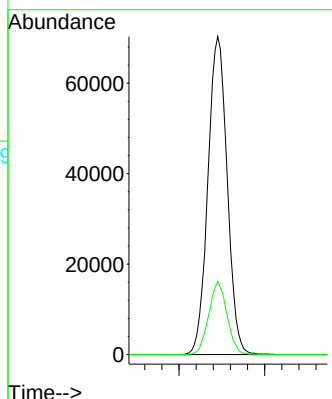
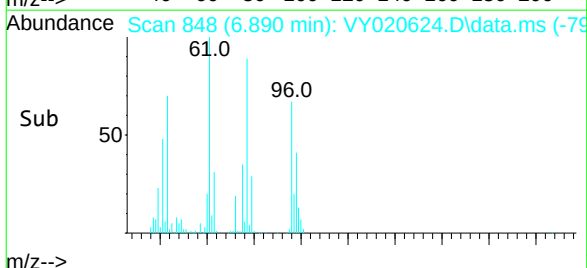
Reviewed By :Romaben Patel 12/19/2024
Supervised By :Semsettin Yesilyurt 12/19/2024

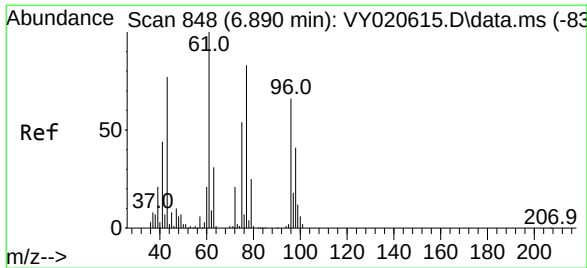


#26
2,2-Dichloropropane
Concen: 52.887 ug/l
RT: 6.890 min Scan# 848
Delta R.T. 0.006 min
Lab File: VY020624.D
Acq: 18 Dec 2024 10:06



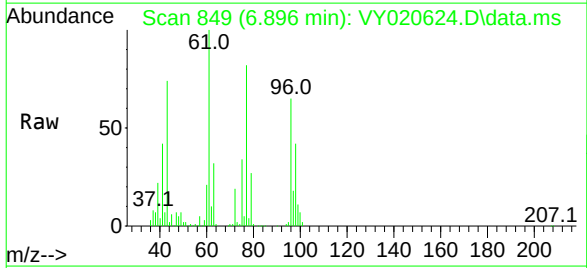
Tgt Ion: 77 Resp: 219802
Ion Ratio Lower Upper
77 100
97 21.8 10.9 32.6





#27
cis-1,2-Dichloroethene
Concen: 54.730 ug/l
RT: 6.896 min Scan# 848
Delta R.T. 0.006 min
Lab File: VY020624.D
Acq: 18 Dec 2024 10:06

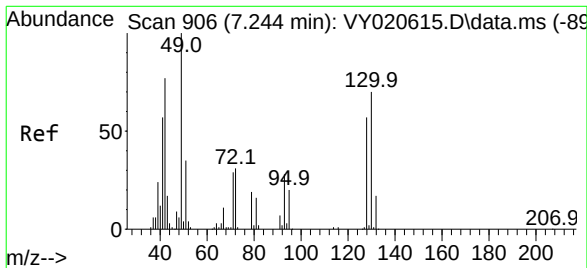
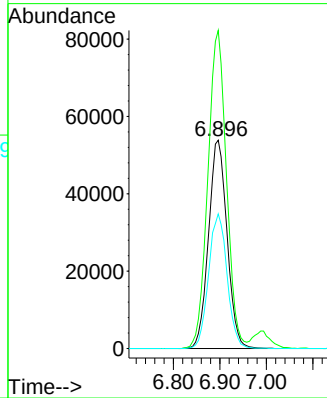
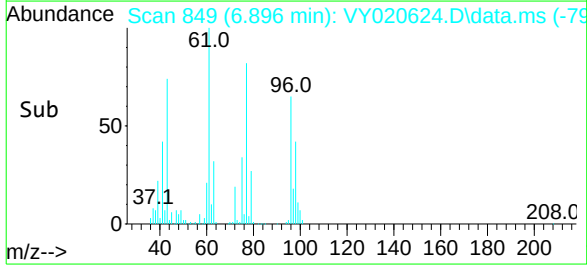
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 96 Resp: 149031
Ion Ratio Lower Upper
96 100
61 153.1 0.0 306.2
98 64.6 0.0 127.2

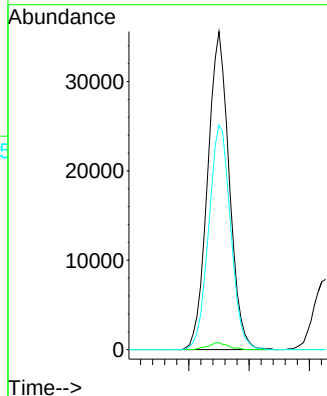
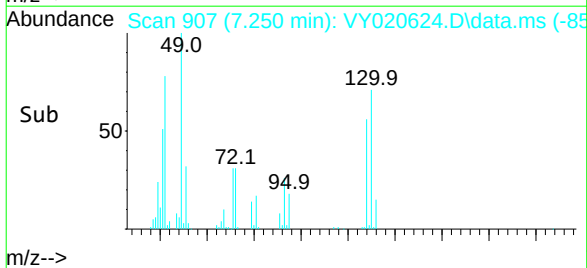
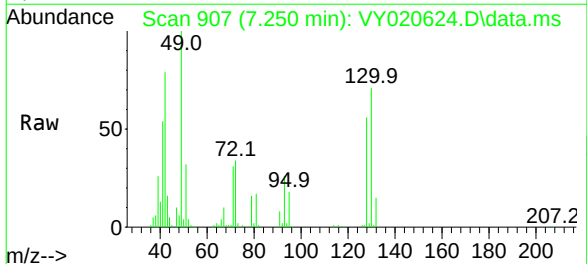
Manual Integrations
APPROVED

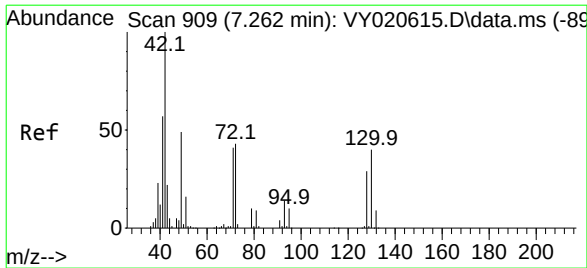
Reviewed By :Romaben Patel 12/19/2024
Supervised By :Semsettin Yesilyurt 12/19/2024



#28
Bromochloromethane
Concen: 59.728 ug/l
RT: 7.250 min Scan# 907
Delta R.T. 0.006 min
Lab File: VY020624.D
Acq: 18 Dec 2024 10:06

Tgt Ion: 49 Resp: 88572
Ion Ratio Lower Upper
49 100
129 2.0 0.0 3.8
130 71.7 58.3 87.5





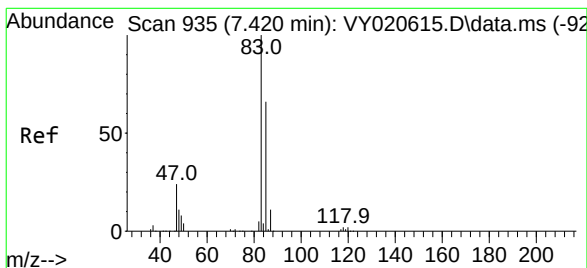
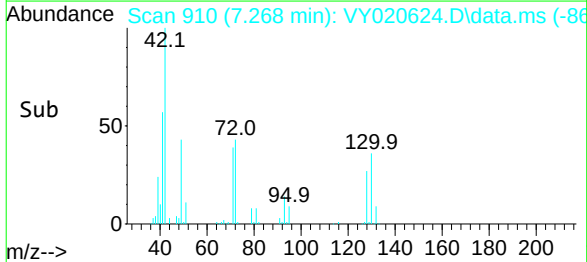
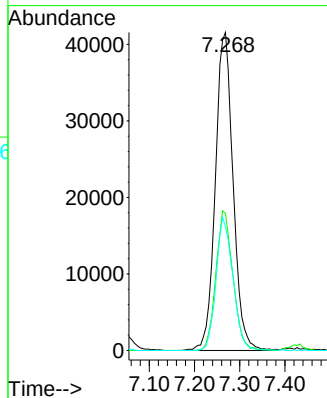
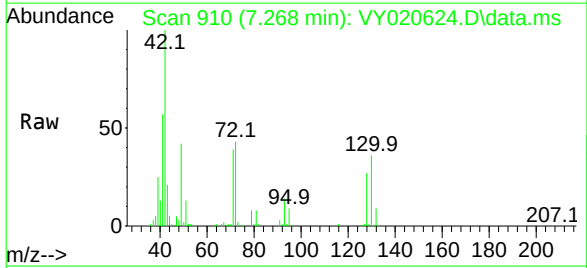
#29
Tetrahydrofuran
Concen: 262.171 ug/l
RT: 7.268 min Scan# 911
Delta R.T. 0.006 min
Lab File: VY020624.D
Acq: 18 Dec 2024 10:06

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 42 Resp: 113384
Ion Ratio Lower Upper
42 100
72 42.2 34.0 51.0
71 39.7 31.6 47.4

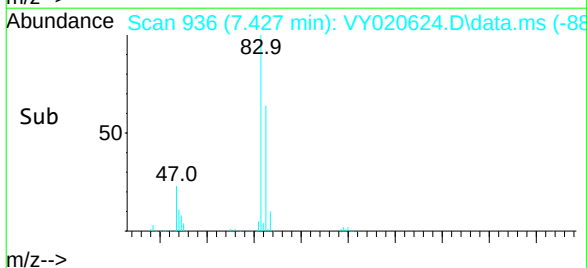
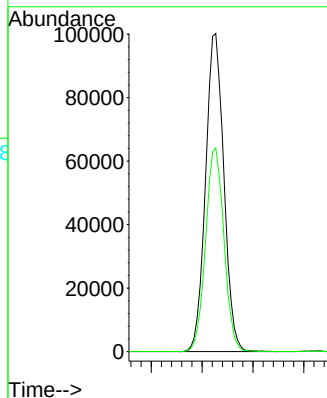
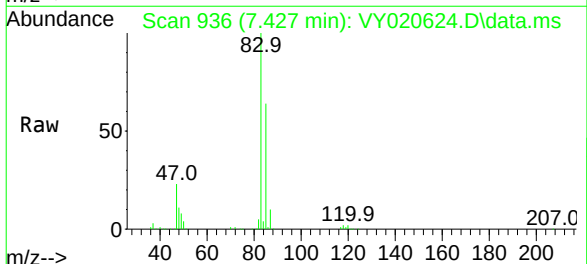
Manual Integrations
APPROVED

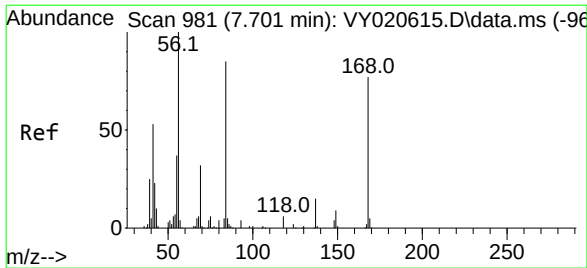
Reviewed By :Romaben Patel 12/19/2024
Supervised By :Semsettin Yesilyurt 12/19/2024



#30
Chloroform
Concen: 57.517 ug/l
RT: 7.427 min Scan# 936
Delta R.T. 0.007 min
Lab File: VY020624.D
Acq: 18 Dec 2024 10:06

Tgt Ion: 83 Resp: 250397
Ion Ratio Lower Upper
83 100
85 64.0 52.7 79.1





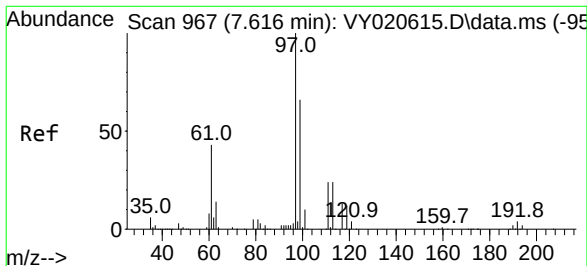
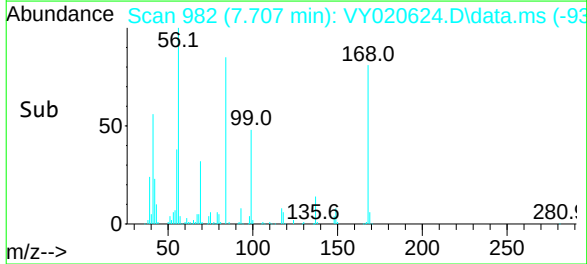
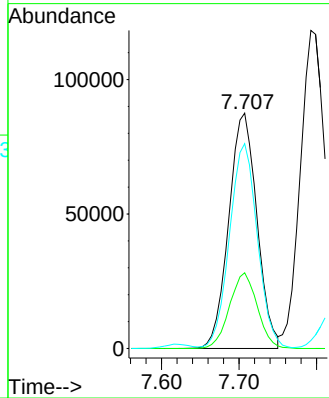
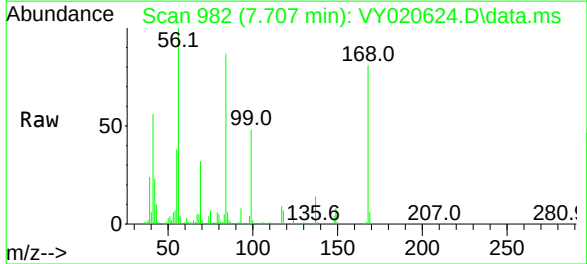
#31
Cyclohexane
Concen: 52.647 ug/l
RT: 7.707 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY020624.D
Acq: 18 Dec 2024 10:06

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 56 Resp: 221311
Ion Ratio Lower Upper
56 100
69 32.2 25.4 38.0
84 85.3 68.3 102.5

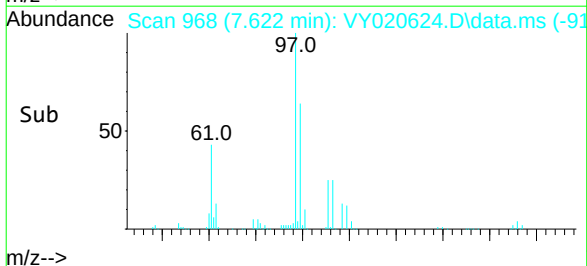
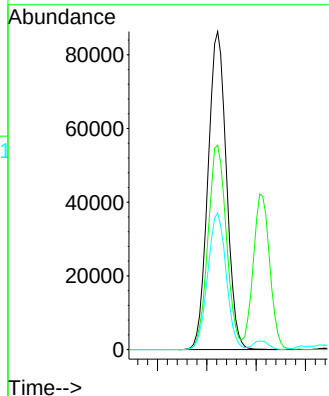
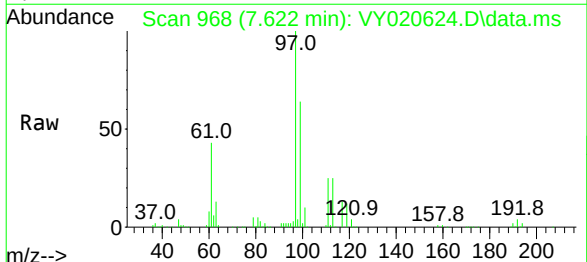
Manual Integrations
APPROVED

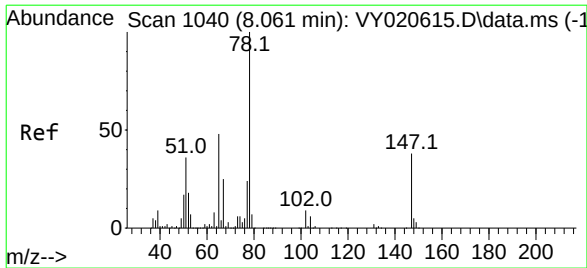
Reviewed By :Romaben Patel 12/19/2024
Supervised By :Semsettin Yesilyurt 12/19/2024



#32
1,1,1-Trichloroethane
Concen: 55.569 ug/l
RT: 7.622 min Scan# 968
Delta R.T. 0.006 min
Lab File: VY020624.D
Acq: 18 Dec 2024 10:06

Tgt Ion: 97 Resp: 224446
Ion Ratio Lower Upper
97 100
99 64.3 51.6 77.4
61 43.0 34.7 52.1





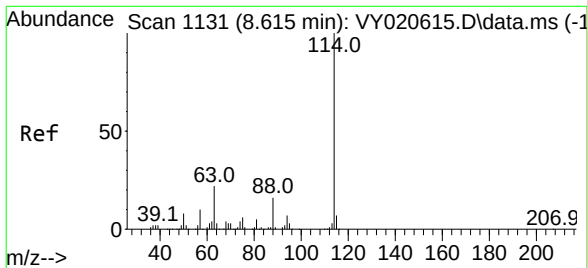
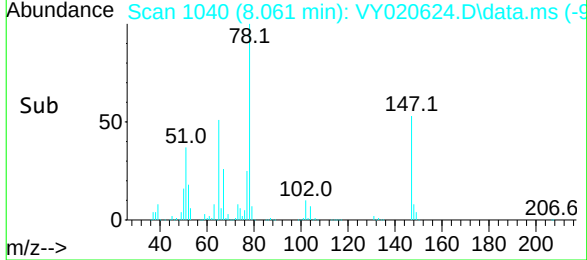
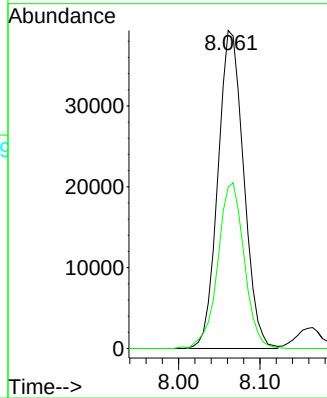
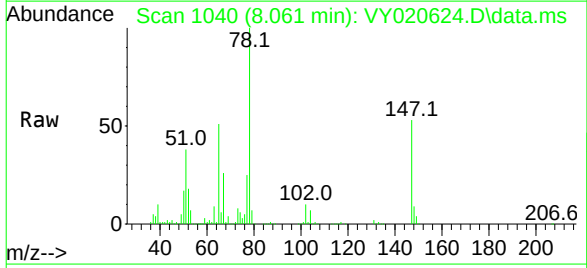
#33
1,2-Dichloroethane-d4
Concen: 46.954 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY020624.D
Acq: 18 Dec 2024 10:06

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 65 Resp: 86558
Ion Ratio Lower Upper
65 100
67 53.3 0.0 108.0

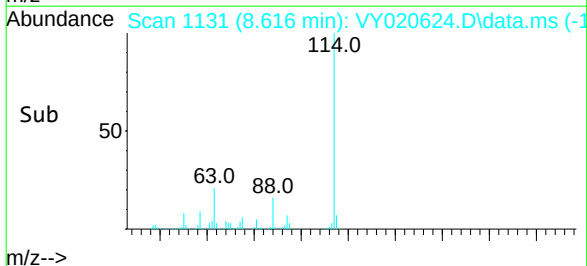
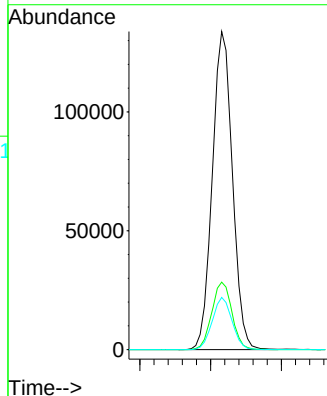
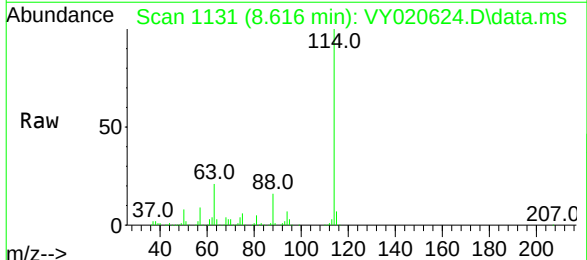
Manual Integrations
APPROVED

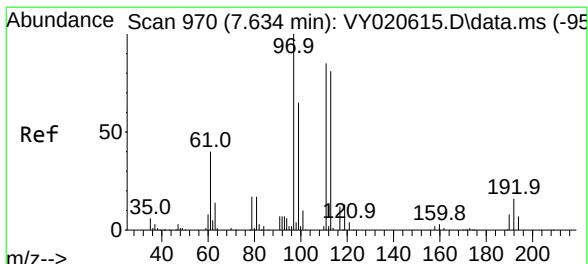
Reviewed By :Romaben Patel 12/19/2024
Supervised By :Semsettin Yesilyurt 12/19/2024



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VY020624.D
Acq: 18 Dec 2024 10:06

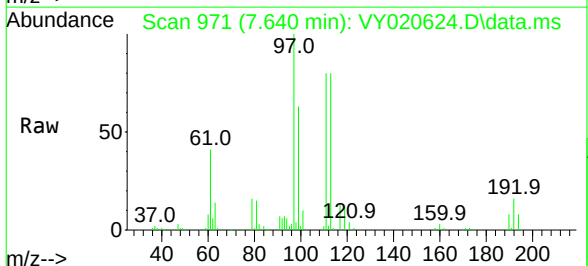
Tgt Ion:114 Resp: 264221
Ion Ratio Lower Upper
114 100
63 21.2 0.0 44.0
88 16.4 0.0 32.8





#35
 Dibromofluoromethane
 Concen: 47.179 ug/l
 RT: 7.640 min Scan# 971
 Delta R.T. 0.006 min
 Lab File: VY020624.D
 Acq: 18 Dec 2024 10:06

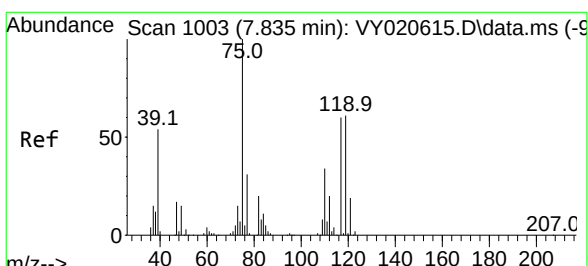
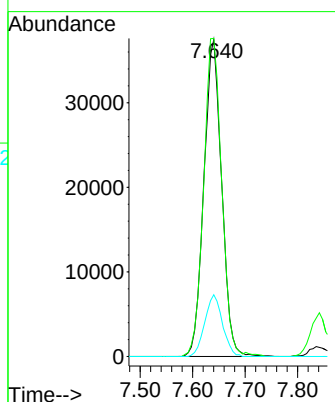
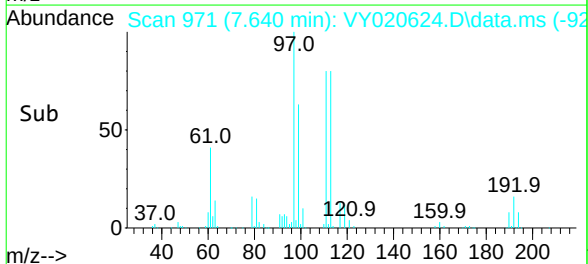
Instrument : MSVOA_Y
 ClientSampleId : VSTDCCC050



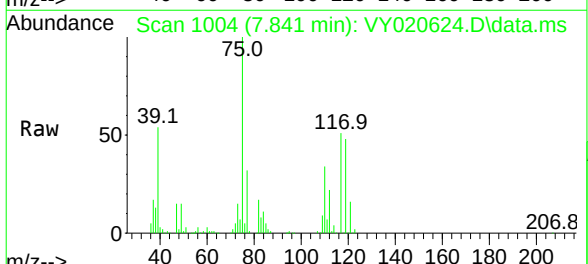
Tgt Ion:	113	Resp:	87855
Ion	Ratio	Lower	Upper
113	100		
111	102.6	82.9	124.3
192	19.4	15.7	23.5

Manual Integrations
 APPROVED

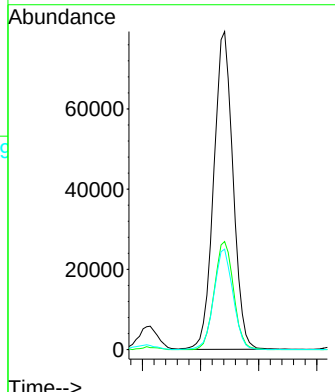
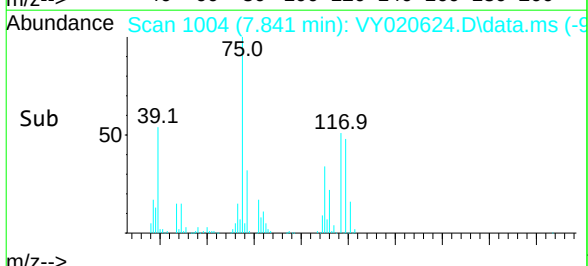
Reviewed By :Romaben Patel 12/19/2024
 Supervised By :Semsettin Yesilyurt 12/19/2024

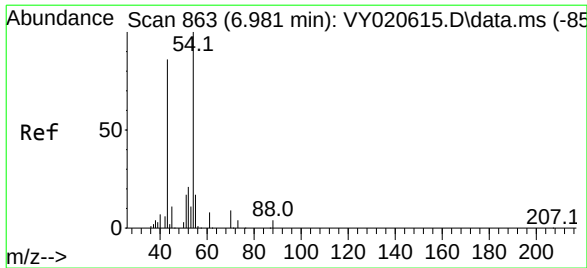


#36
 1,1-Dichloropropene
 Concen: 53.823 ug/l
 RT: 7.841 min Scan# 1004
 Delta R.T. 0.006 min
 Lab File: VY020624.D
 Acq: 18 Dec 2024 10:06



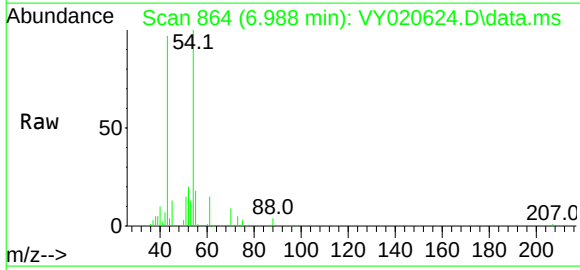
Tgt Ion:	75	Resp:	182759
Ion	Ratio	Lower	Upper
75	100		
110	33.9	16.8	50.4
77	31.5	25.0	37.6





#37
Ethyl Acetate
Concen: 50.503 ug/l
RT: 6.988 min Scan# 863
Delta R.T. 0.006 min
Lab File: VY020624.D
Acq: 18 Dec 2024 10:06

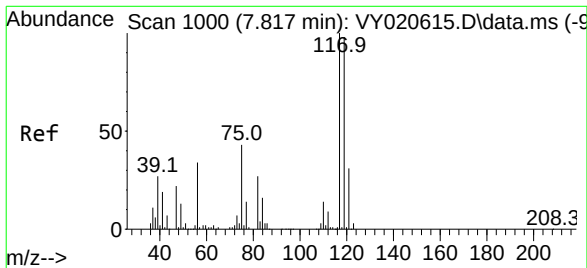
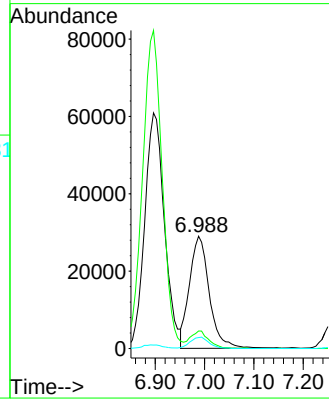
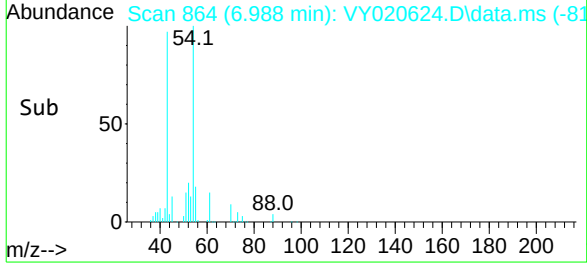
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 80664
Ion Ratio Lower Upper
43 100
61 14.5 11.0 16.4
70 9.7 7.9 11.9

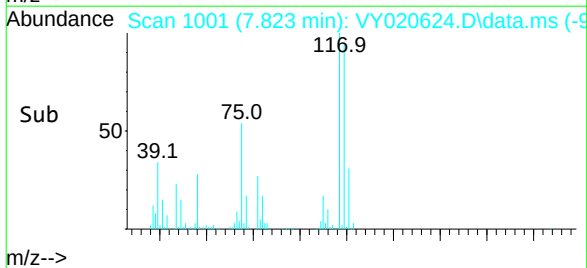
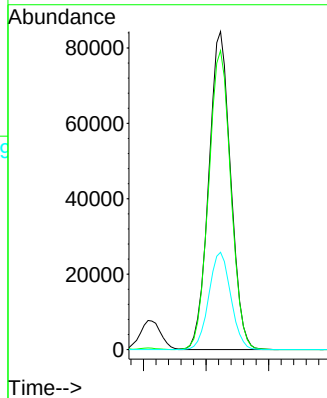
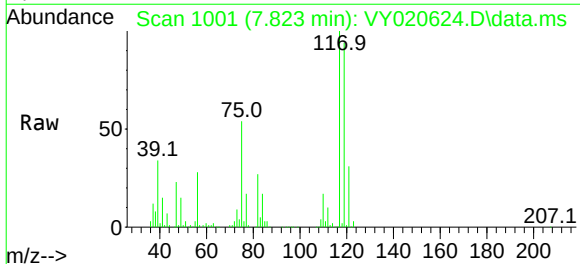
Manual Integrations
APPROVED

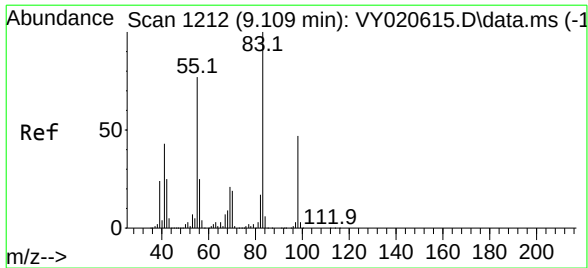
Reviewed By :Romaben Patel 12/19/2024
Supervised By :Semsettin Yesilyurt 12/19/2024



#38
Carbon Tetrachloride
Concen: 54.551 ug/l
RT: 7.823 min Scan# 1001
Delta R.T. 0.006 min
Lab File: VY020624.D
Acq: 18 Dec 2024 10:06

Tgt Ion:117 Resp: 204938
Ion Ratio Lower Upper
117 100
119 94.0 78.3 117.5
121 30.6 25.1 37.7





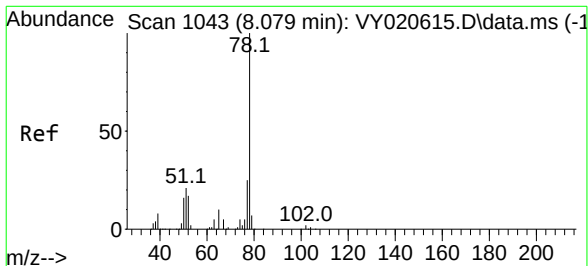
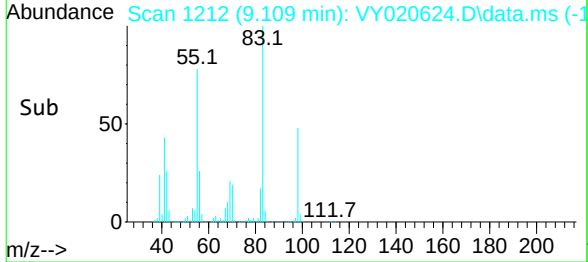
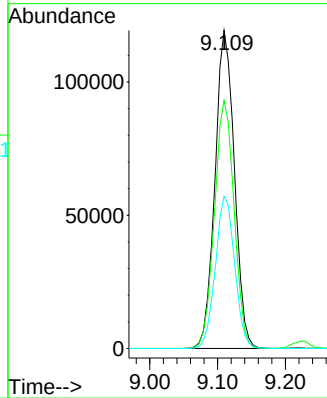
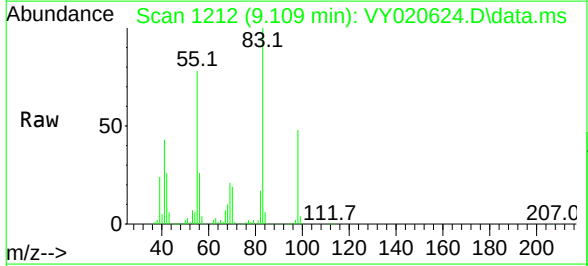
#39
Methylcyclohexane
Concen: 53.675 ug/l
RT: 9.109 min Scan# 1212
Delta R.T. 0.000 min
Lab File: VY020624.D
Acq: 18 Dec 2024 10:06

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 237543
Ion Ratio Lower Upper
83 100
55 77.9 61.4 92.0
98 47.8 37.3 55.9

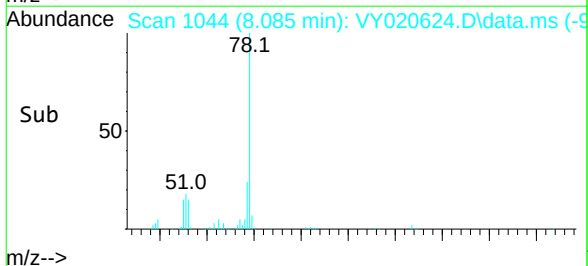
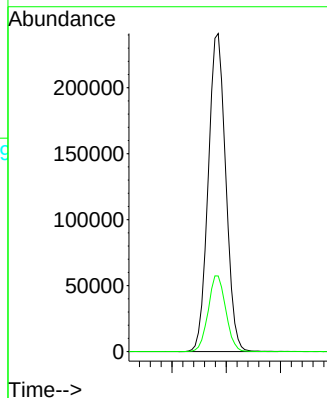
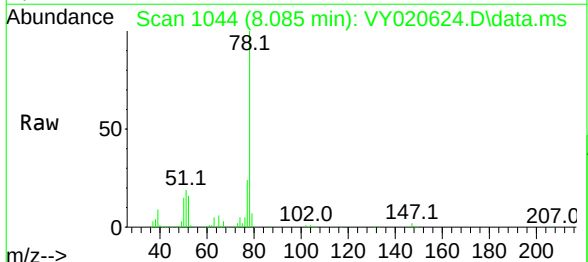
Manual Integrations
APPROVED

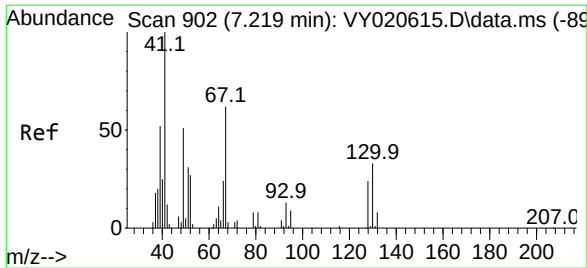
Reviewed By :Romaben Patel 12/19/2024
Supervised By :Semsettin Yesilyurt 12/19/2024



#40
Benzene
Concen: 54.354 ug/l
RT: 8.085 min Scan# 1044
Delta R.T. 0.006 min
Lab File: VY020624.D
Acq: 18 Dec 2024 10:06

Tgt Ion: 78 Resp: 540984
Ion Ratio Lower Upper
78 100
77 23.8 20.1 30.1





#41

Methacrylonitrile

Concen: 52.153 ug/l

RT: 7.220 min Scan# 902

Delta R.T. 0.000 min

Lab File: VY020624.D

Acq: 18 Dec 2024 10:06

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 41 Resp: 44038

Ion Ratio Lower Upper

41 100

39 51.6 53.6 80.4

67 74.4 62.0 93.0

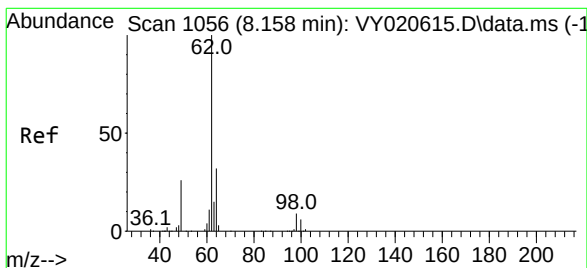
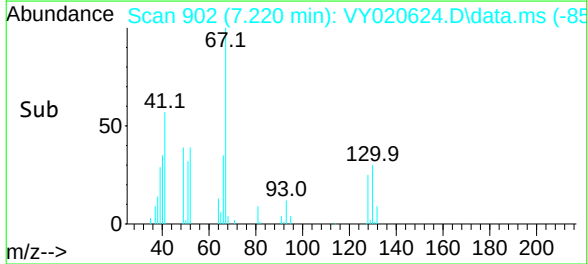
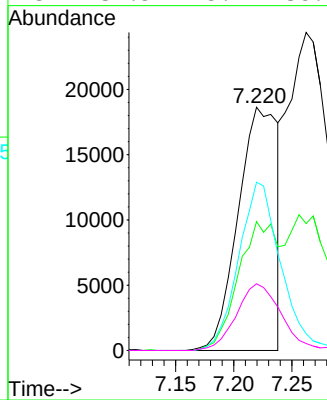
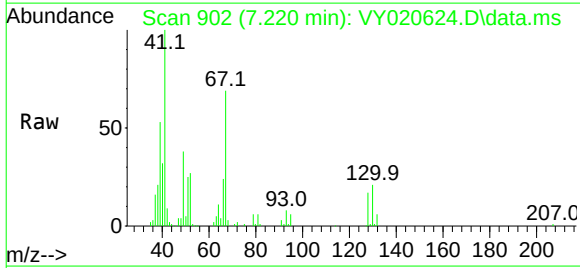
52 31.5 25.9 38.9

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 12/19/2024

Supervised By :Semsettin Yesilyurt 12/19/2024



#42

1,2-Dichloroethane

Concen: 53.455 ug/l

RT: 8.158 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VY020624.D

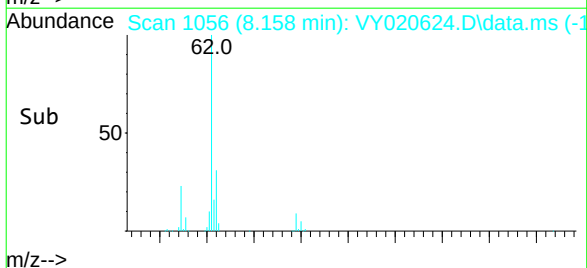
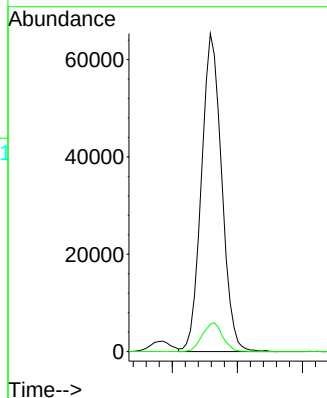
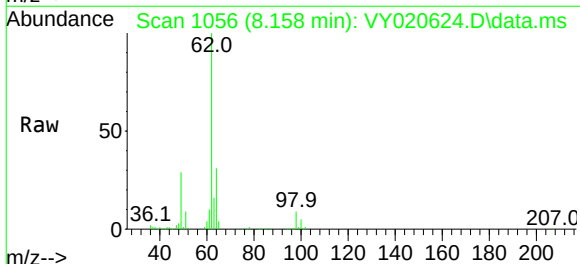
Acq: 18 Dec 2024 10:06

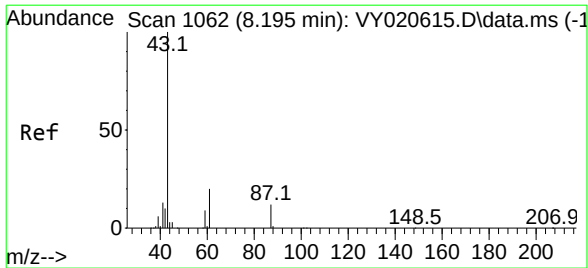
Tgt Ion: 62 Resp: 141108

Ion Ratio Lower Upper

62 100

98 9.1 0.0 18.0





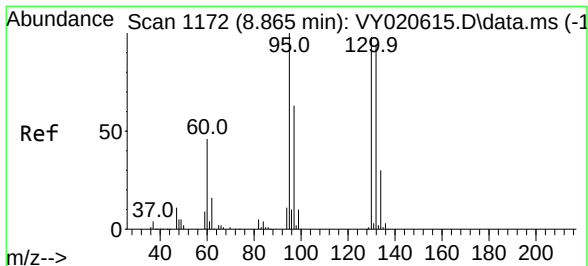
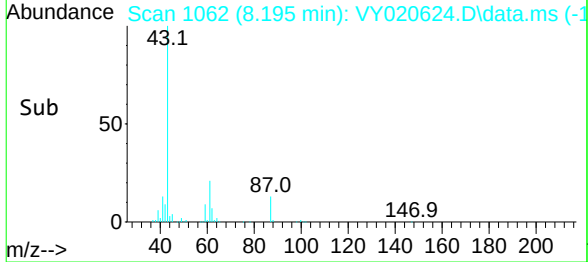
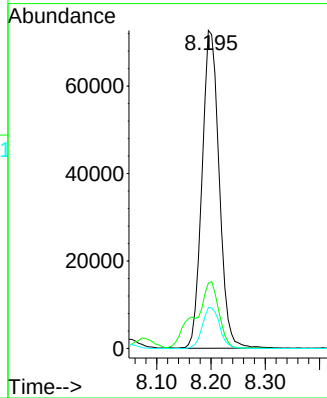
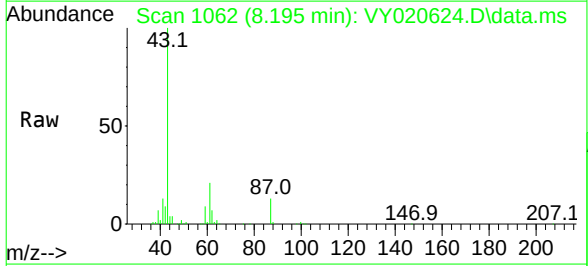
#43
Isopropyl Acetate
Concen: 52.850 ug/l
RT: 8.195 min Scan# 1062
Delta R.T. 0.000 min
Lab File: VY020624.D
Acq: 18 Dec 2024 10:06

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 159807
Ion Ratio Lower Upper
43 100
61 29.3 23.8 35.6
87 13.0 10.2 15.4

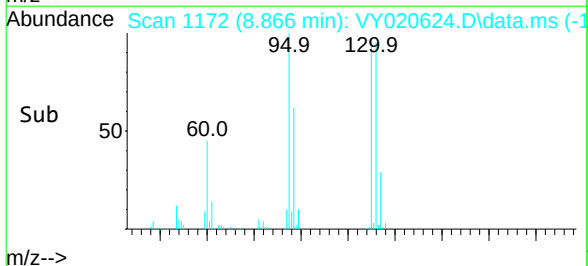
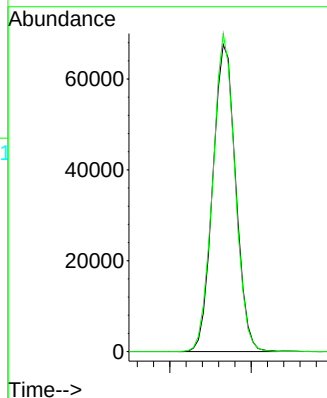
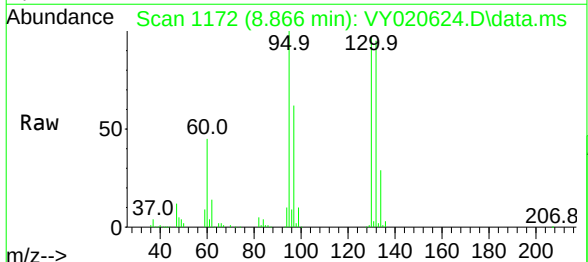
Manual Integrations
APPROVED

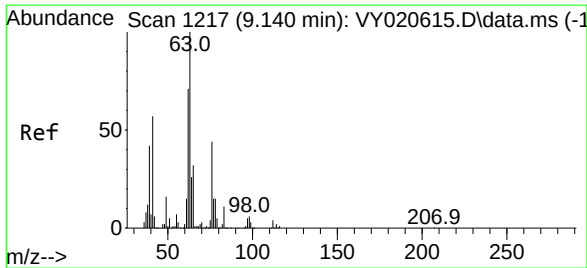
Reviewed By :Romaben Patel 12/19/2024
Supervised By :Semsettin Yesilyurt 12/19/2024



#44
Trichloroethene
Concen: 54.118 ug/l
RT: 8.866 min Scan# 1172
Delta R.T. 0.000 min
Lab File: VY020624.D
Acq: 18 Dec 2024 10:06

Tgt Ion:130 Resp: 132352
Ion Ratio Lower Upper
130 100
95 103.6 0.0 203.2





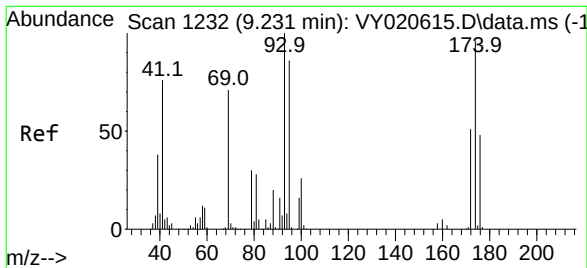
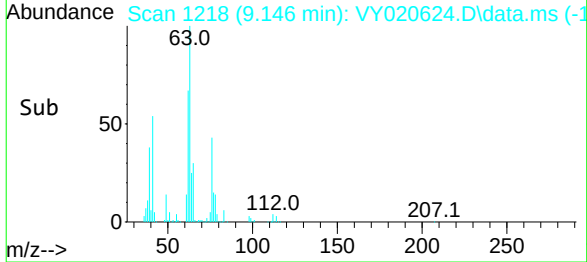
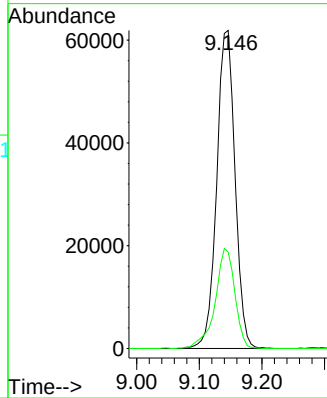
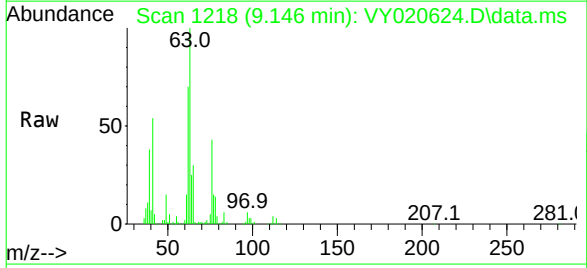
#45
1,2-Dichloropropane
Concen: 54.066 ug/l
RT: 9.146 min Scan# 1217
Delta R.T. 0.006 min
Lab File: VY020624.D
Acq: 18 Dec 2024 10:06

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 63 Resp: 125765
Ion Ratio Lower Upper
63 100
65 30.3 25.9 38.9

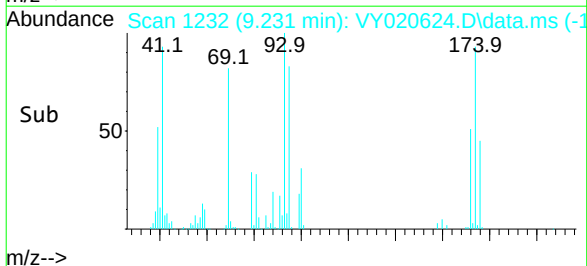
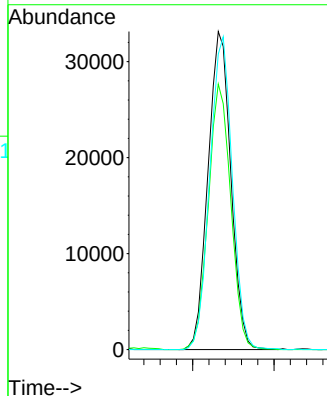
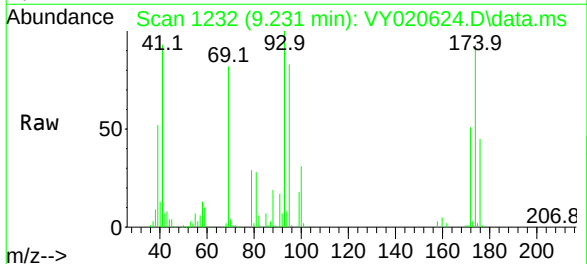
Manual Integrations
APPROVED

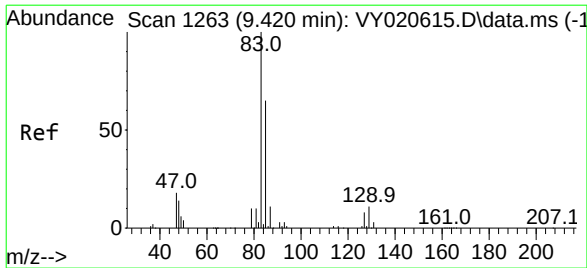
Reviewed By :Romaben Patel 12/19/2024
Supervised By :Semsettin Yesilyurt 12/19/2024



#46
Dibromomethane
Concen: 52.532 ug/l
RT: 9.231 min Scan# 1232
Delta R.T. 0.000 min
Lab File: VY020624.D
Acq: 18 Dec 2024 10:06

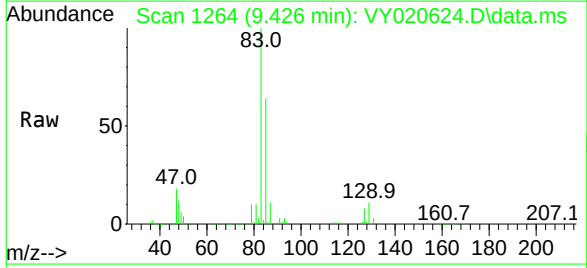
Tgt Ion: 93 Resp: 64580
Ion Ratio Lower Upper
93 100
95 82.3 66.7 100.1
174 97.2 77.8 116.6





#47
Bromodichloromethane
Concen: 54.016 ug/l
RT: 9.426 min Scan# 1263
Delta R.T. 0.006 min
Lab File: VY020624.D
Acq: 18 Dec 2024 10:06

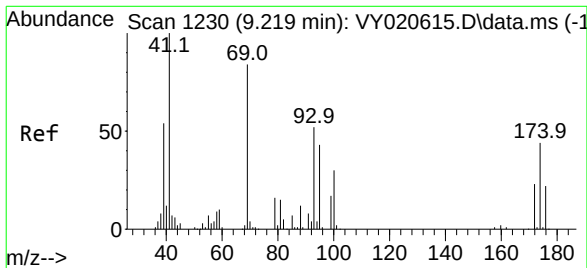
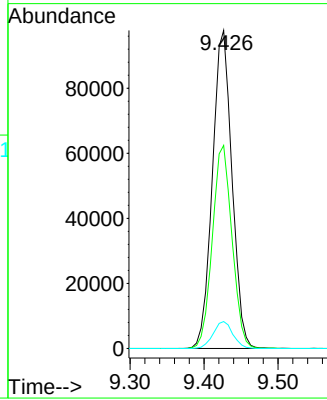
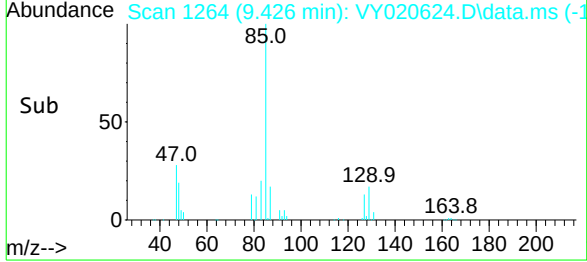
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 179372
Ion Ratio Lower Upper
83 100
85 63.9 52.1 78.1
127 8.5 6.7 10.1

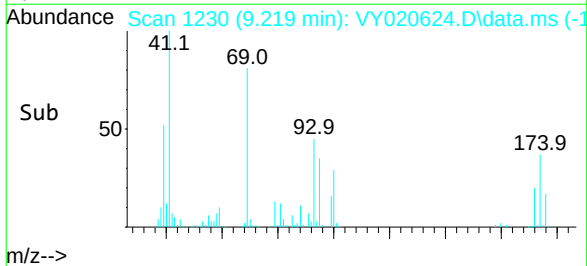
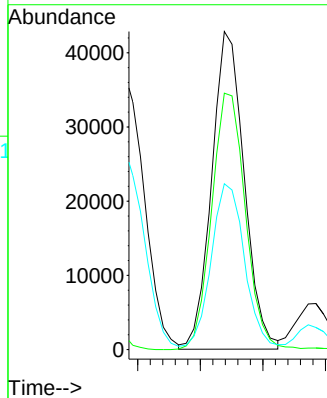
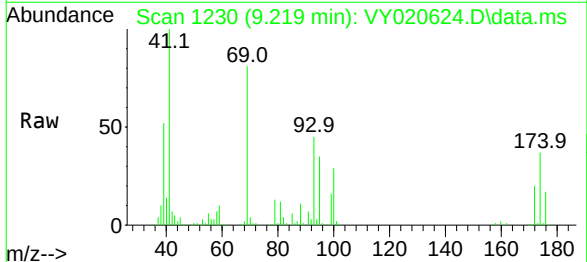
Manual Integrations
APPROVED

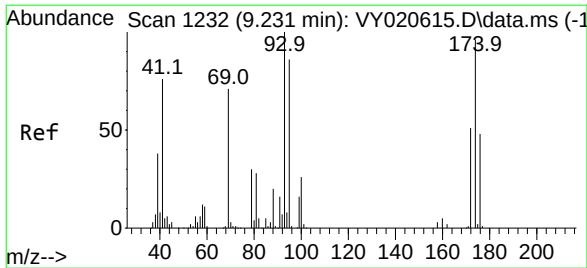
Reviewed By :Romaben Patel 12/19/2024
Supervised By :Semsettin Yesilyurt 12/19/2024



#48
Methyl methacrylate
Concen: 53.715 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. 0.000 min
Lab File: VY020624.D
Acq: 18 Dec 2024 10:06

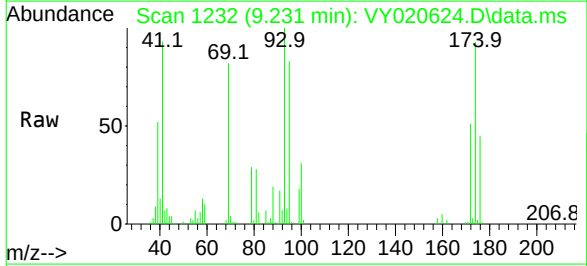
Tgt Ion: 41 Resp: 77215
Ion Ratio Lower Upper
41 100
69 84.1 67.2 100.8
39 51.8 42.2 63.4





#49
1,4-Dioxane
Concen: 994.589 ug/l
RT: 9.231 min Scan# 1232
Delta R.T. 0.000 min
Lab File: VY020624.D
Acq: 18 Dec 2024 10:06

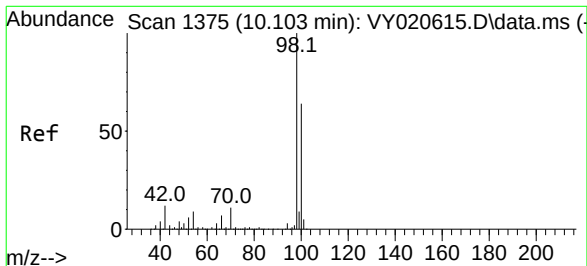
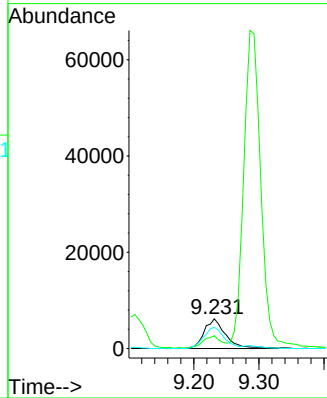
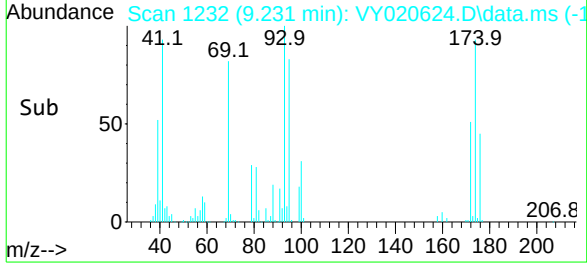
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 88 Resp: 14022
Ion Ratio Lower Upper
88 100
43 38.0 27.6 41.4
58 69.2 61.7 92.5

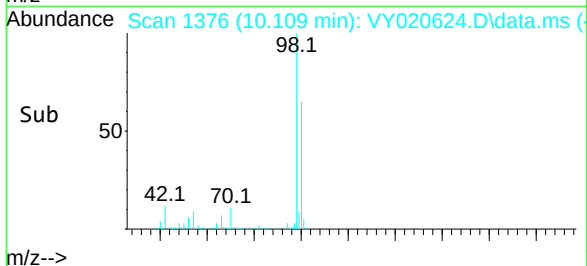
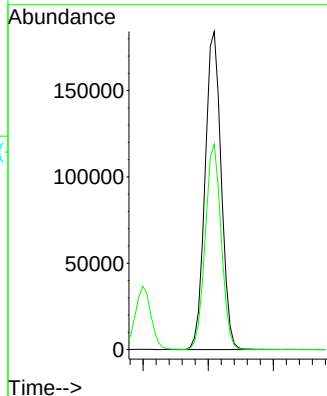
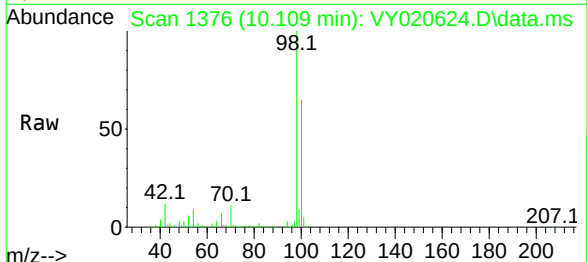
Manual Integrations
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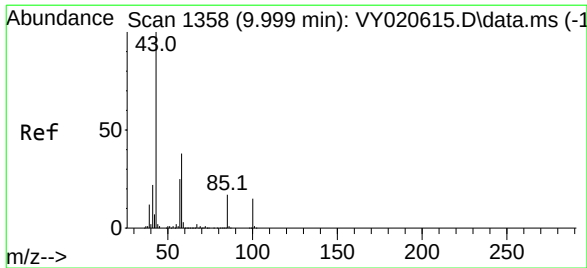
Reviewed By :Romaben Patel 12/19/2024
Supervised By :Semsettin Yesilyurt 12/19/2024



#50
Toluene-d8
Concen: 48.577 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.006 min
Lab File: VY020624.D
Acq: 18 Dec 2024 10:06

Tgt Ion: 98 Resp: 316621
Ion Ratio Lower Upper
98 100
100 63.8 52.1 78.1





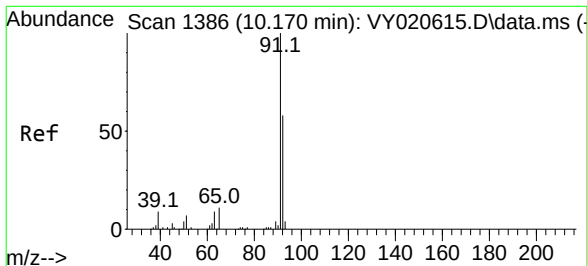
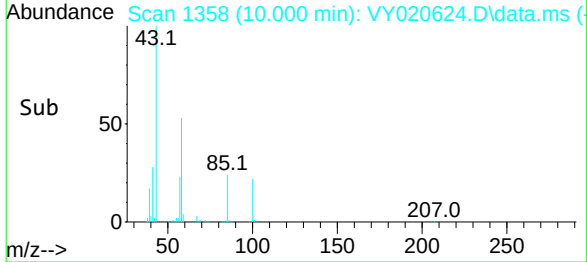
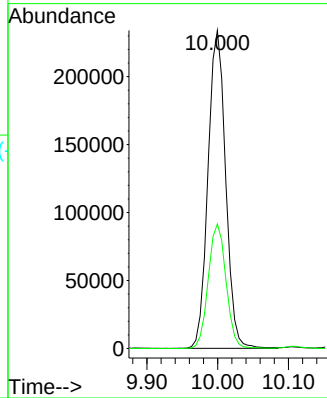
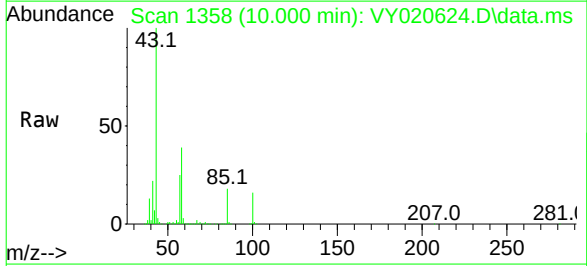
#51
4-Methyl-2-Pentanone
Concen: 253.299 ug/l
RT: 10.000 min Scan# 1358
Delta R.T. 0.000 min
Lab File: VY020624.D
Acq: 18 Dec 2024 10:06

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 404285
Ion Ratio Lower Upper
43 100
58 39.5 31.4 47.2

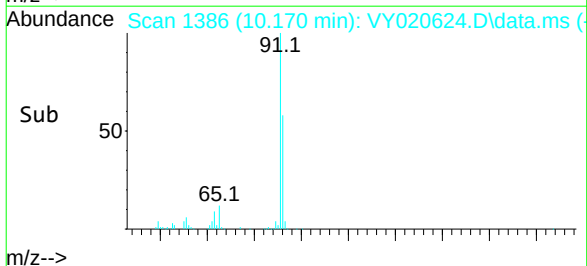
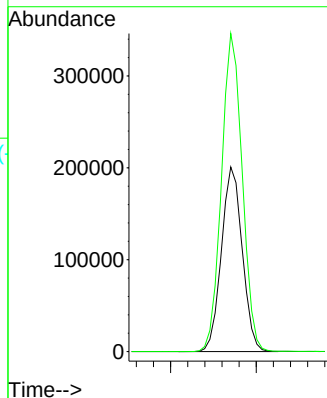
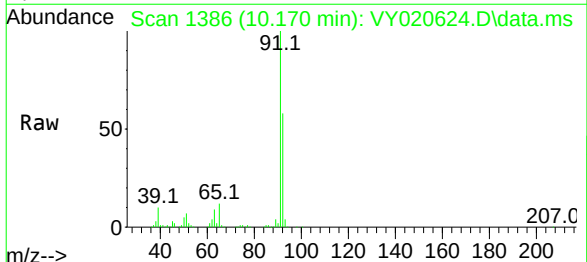
Manual Integrations
APPROVED

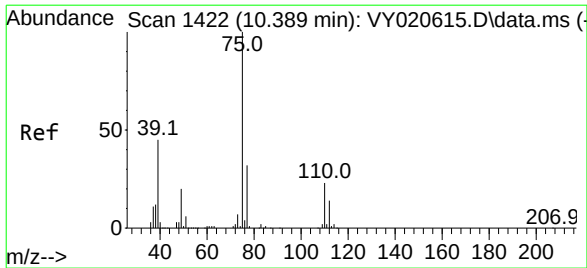
Reviewed By :Romaben Patel 12/19/2024
Supervised By :Semsettin Yesilyurt 12/19/2024



#52
Toluene
Concen: 54.863 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. 0.000 min
Lab File: VY020624.D
Acq: 18 Dec 2024 10:06

Tgt Ion: 92 Resp: 339344
Ion Ratio Lower Upper
92 100
91 172.0 137.4 206.0





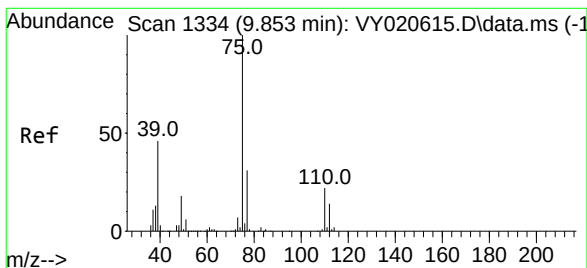
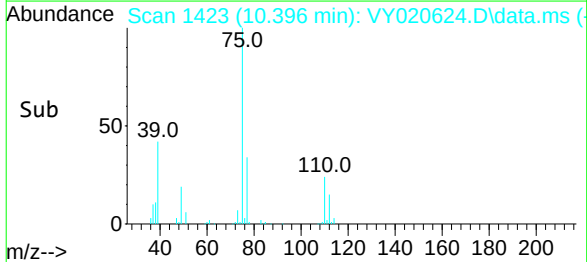
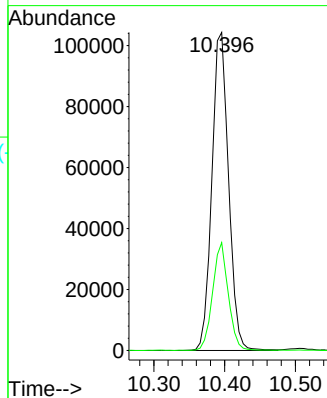
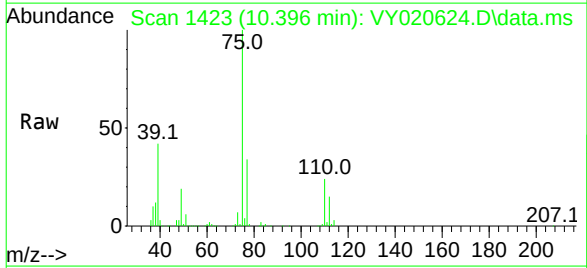
#53
t-1,3-Dichloropropene
Concen: 55.198 ug/l
RT: 10.396 min Scan# 1422
Delta R.T. 0.006 min
Lab File: VY020624.D
Acq: 18 Dec 2024 10:06

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 170796
Ion Ratio Lower Upper
75 100
77 33.8 25.4 38.2

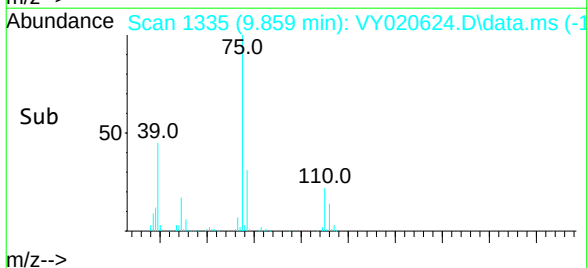
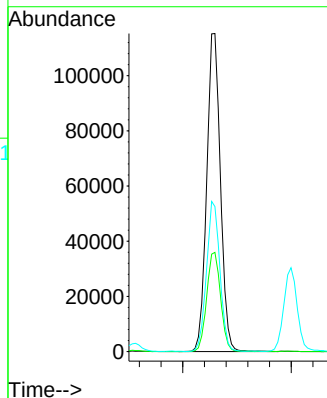
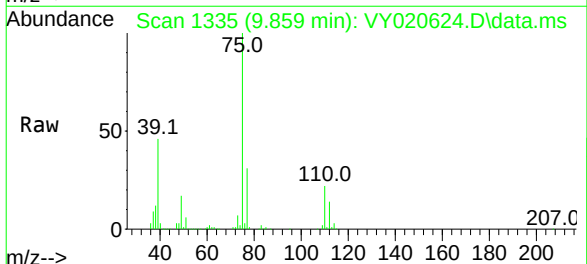
Manual Integrations
APPROVED

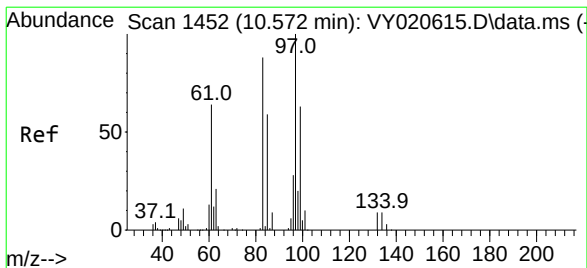
Reviewed By :Romaben Patel 12/19/2024
Supervised By :Semsettin Yesilyurt 12/19/2024



#54
cis-1,3-Dichloropropene
Concen: 55.269 ug/l
RT: 9.859 min Scan# 1335
Delta R.T. 0.006 min
Lab File: VY020624.D
Acq: 18 Dec 2024 10:06

Tgt Ion: 75 Resp: 202649
Ion Ratio Lower Upper
75 100
77 31.2 24.6 36.8
39 45.5 36.4 54.6





#55

1,1,2-Trichloroethane

Concen: 52.628 ug/l

RT: 10.573 min Scan# 1452

Delta R.T. 0.000 min

Lab File: VY020624.D

Acq: 18 Dec 2024 10:06

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 97 Resp: 85539

Ion Ratio Lower Upper

97 100

83 85.4 70.4 105.6

85 56.4 47.2 70.8

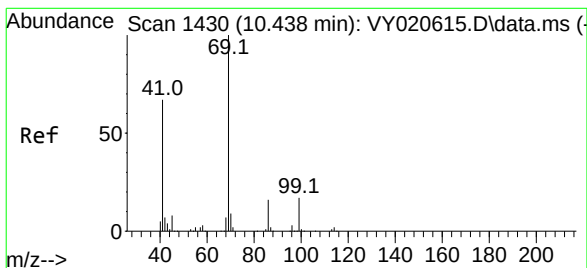
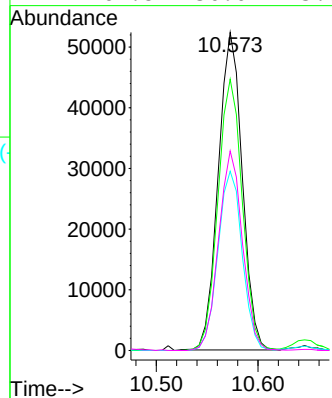
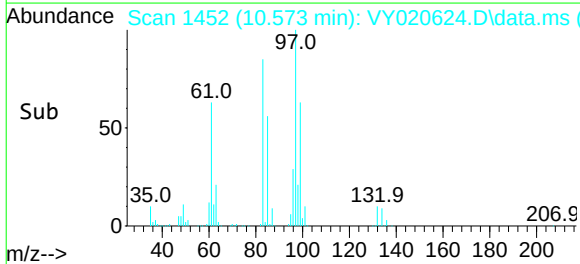
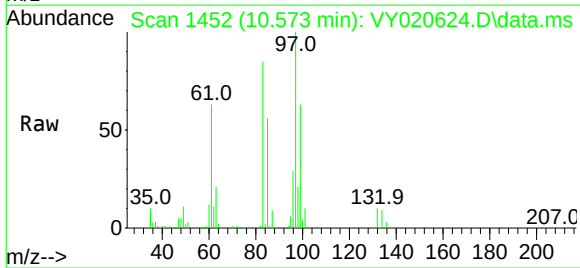
99 62.8 50.0 75.0

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 12/19/2024

Supervised By :Semsettin Yesilyurt 12/19/2024



#56

Ethyl methacrylate

Concen: 55.014 ug/l

RT: 10.438 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VY020624.D

Acq: 18 Dec 2024 10:06

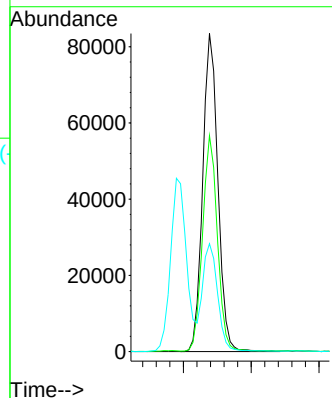
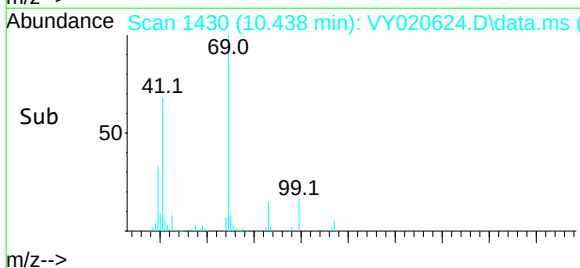
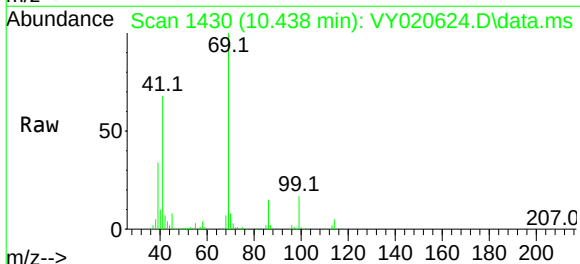
Tgt Ion: 69 Resp: 129721

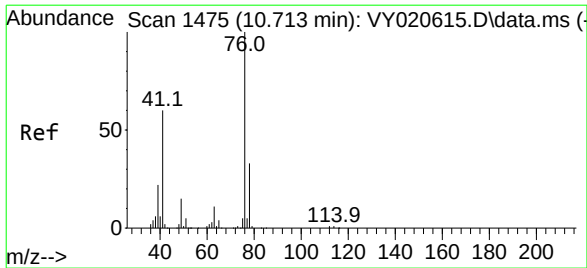
Ion Ratio Lower Upper

69 100

41 66.1 54.0 81.0

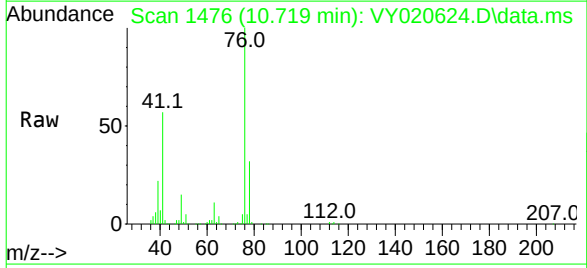
39 33.2 27.9 41.9





#57
1,3-Dichloropropane
Concen: 54.170 ug/l
RT: 10.719 min Scan# 1475
Delta R.T. 0.006 min
Lab File: VY020624.D
Acq: 18 Dec 2024 10:06

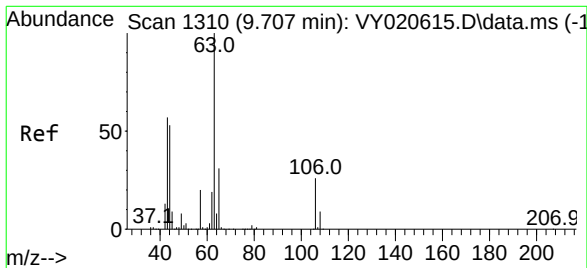
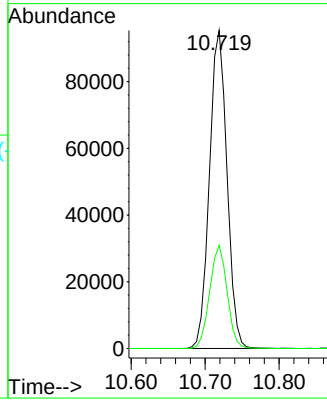
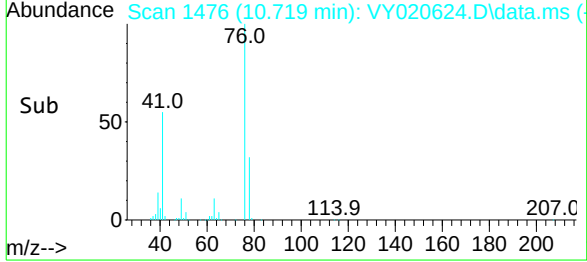
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 76 Resp: 156953
Ion Ratio Lower Upper
76 100
78 32.2 25.8 38.8

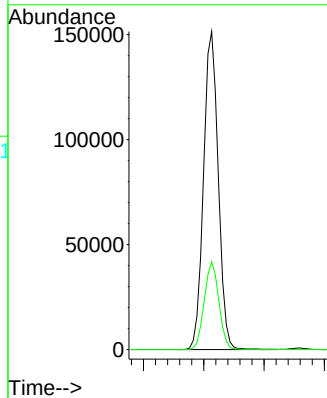
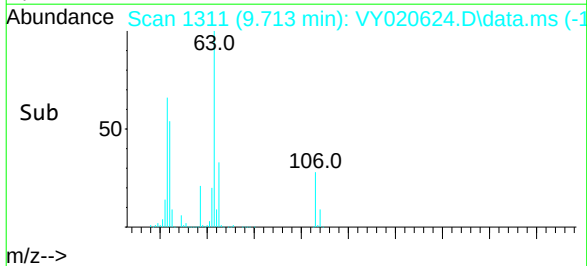
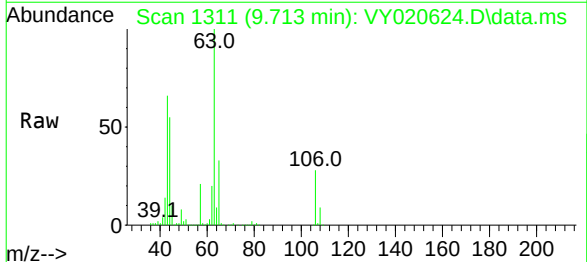
Manual Integrations
APPROVED

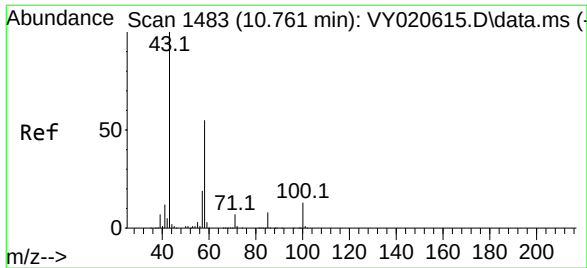
Reviewed By :Romaben Patel 12/19/2024
Supervised By :Semsettin Yesilyurt 12/19/2024



#58
2-Chloroethyl Vinyl ether
Concen: 258.372 ug/l
RT: 9.713 min Scan# 1311
Delta R.T. 0.006 min
Lab File: VY020624.D
Acq: 18 Dec 2024 10:06

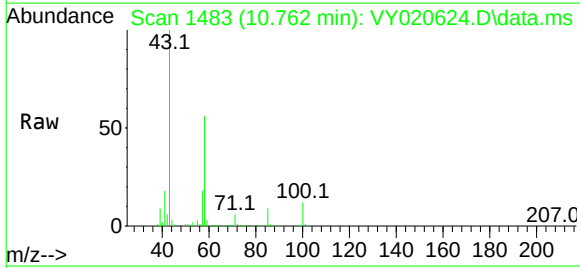
Tgt Ion: 63 Resp: 256343
Ion Ratio Lower Upper
63 100
106 27.4 21.5 32.3





#59
2-Hexanone
Concen: 262.911 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. 0.000 min
Lab File: VY020624.D
Acq: 18 Dec 2024 10:06

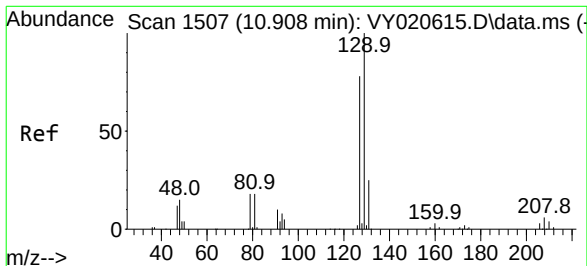
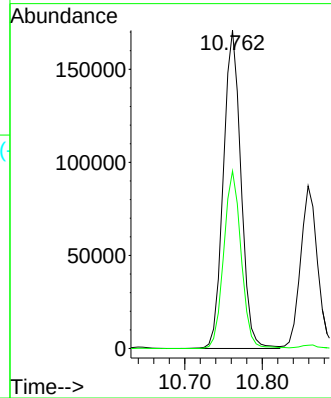
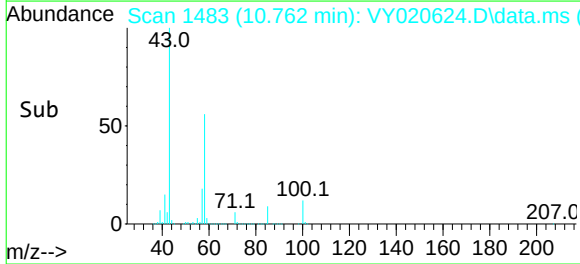
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 269419
Ion Ratio Lower Upper
43 100
58 55.1 27.2 81.6

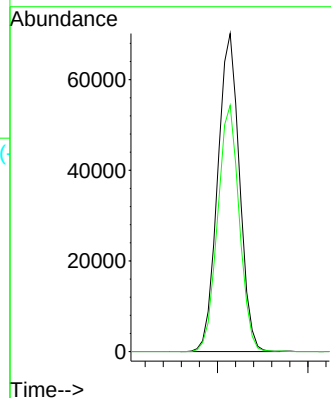
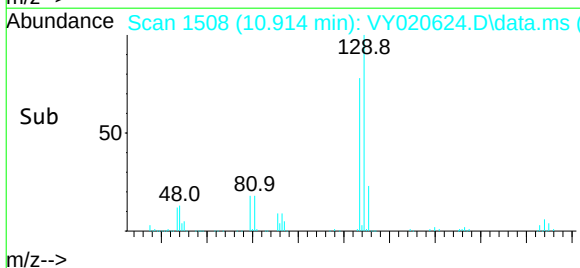
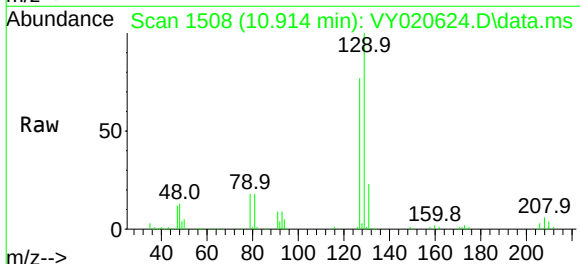
Manual Integrations
APPROVED

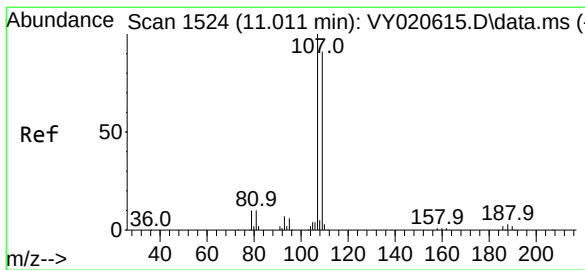
Reviewed By :Romaben Patel 12/19/2024
Supervised By :Semsettin Yesilyurt 12/19/2024



#60
Dibromochloromethane
Concen: 54.051 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. 0.006 min
Lab File: VY020624.D
Acq: 18 Dec 2024 10:06

Tgt Ion:129 Resp: 117491
Ion Ratio Lower Upper
129 100
127 76.7 38.1 114.3





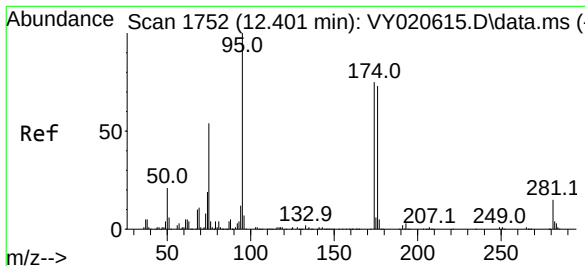
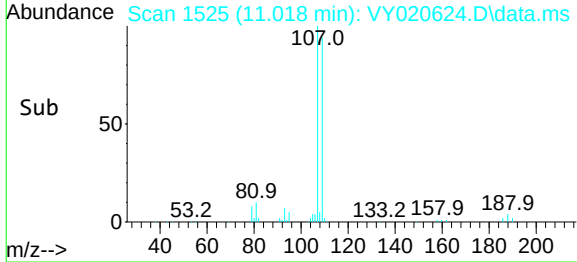
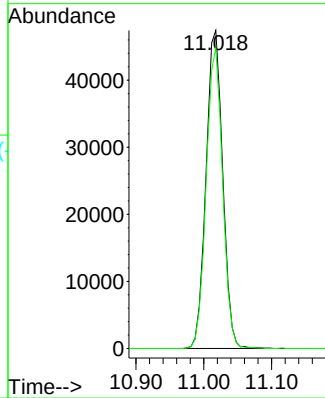
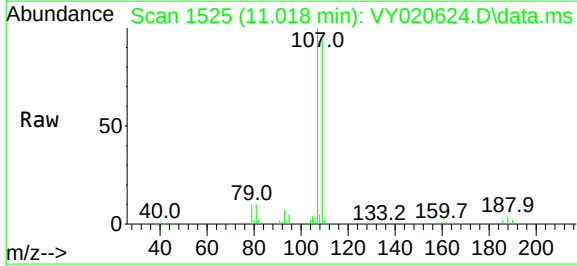
#61
1,2-Dibromoethane
Concen: 53.556 ug/l
RT: 11.018 min Scan# 1524
Delta R.T. 0.006 min
Lab File: VY020624.D
Acq: 18 Dec 2024 10:06

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 107 Resp: 80970
Ion Ratio Lower Upper
107 100
109 93.0 75.4 113.2

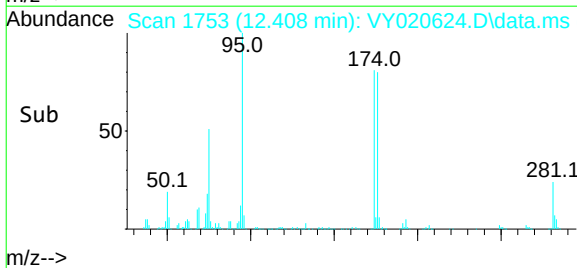
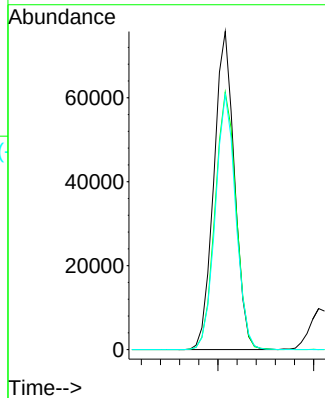
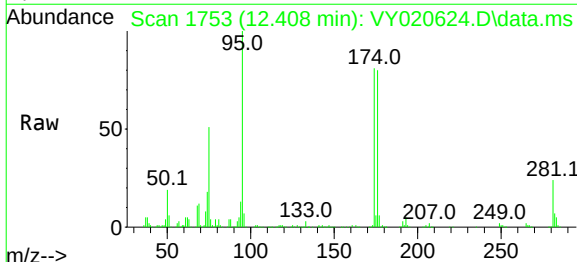
Manual Integrations
APPROVED

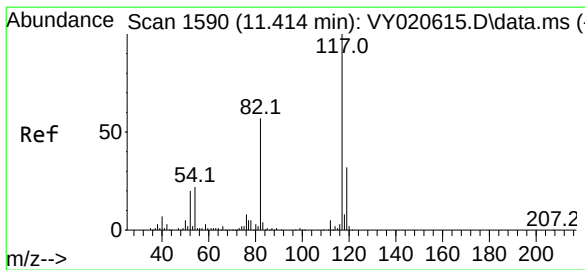
Reviewed By :Romaben Patel 12/19/2024
Supervised By :Semsettin Yesilyurt 12/19/2024



#62
4-Bromofluorobenzene
Concen: 44.531 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY020624.D
Acq: 18 Dec 2024 10:06

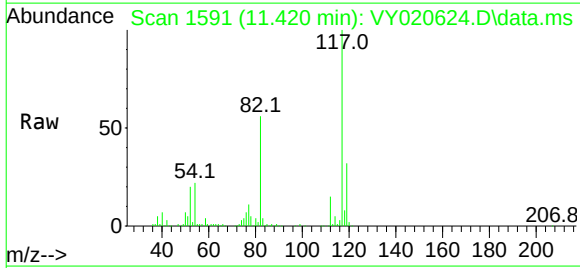
Tgt Ion: 95 Resp: 113536
Ion Ratio Lower Upper
95 100
174 82.3 0.0 161.8
176 79.3 0.0 156.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1591
Delta R.T. 0.006 min
Lab File: VY020624.D
Acq: 18 Dec 2024 10:06

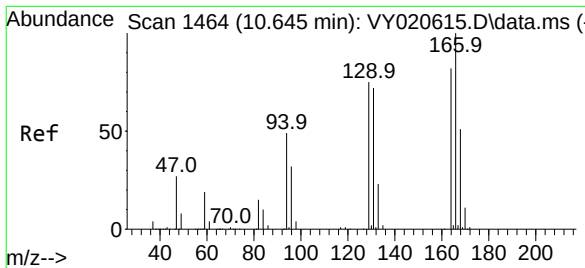
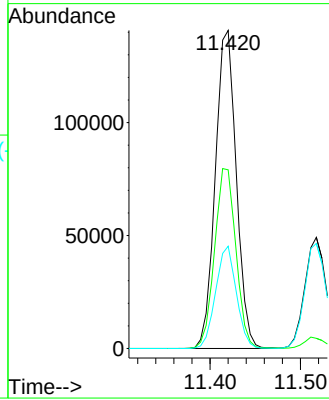
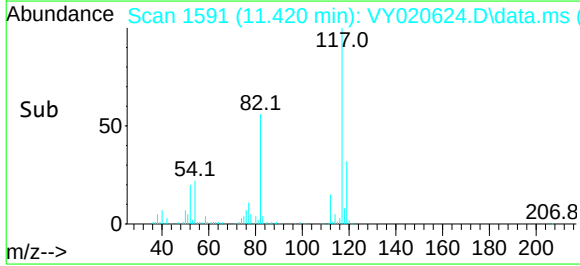
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



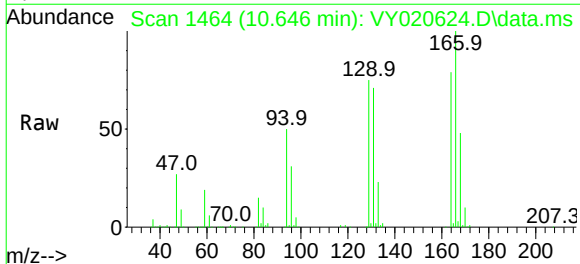
Tgt Ion:117 Resp: 226779
Ion Ratio Lower Upper
117 100
82 56.2 45.8 68.6
119 32.2 25.3 37.9

Manual Integrations
APPROVED

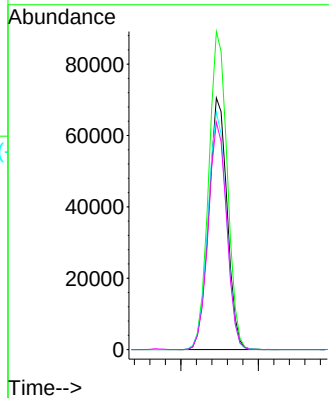
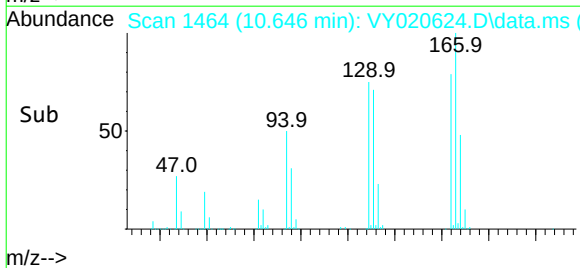
Reviewed By :Romaben Patel 12/19/2024
Supervised By :Semsettin Yesilyurt 12/19/2024

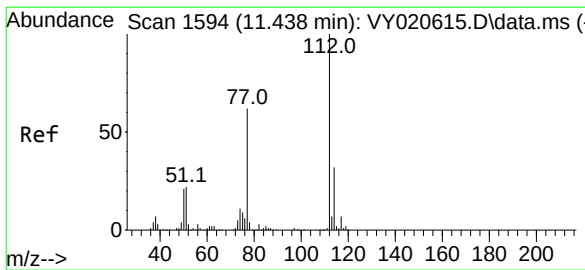


#64
Tetrachloroethene
Concen: 54.665 ug/l
RT: 10.646 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VY020624.D
Acq: 18 Dec 2024 10:06



Tgt Ion:164 Resp: 116607
Ion Ratio Lower Upper
164 100
166 126.4 97.9 146.9
129 94.3 73.4 110.0
131 90.3 70.6 106.0





#65

Chlorobenzene

Concen: 56.304 ug/l

RT: 11.444 min Scan# 1594

Delta R.T. 0.006 min

Lab File: VY020624.D

Acq: 18 Dec 2024 10:06

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion:112 Resp: 357020

Ion Ratio Lower Upper

112 100

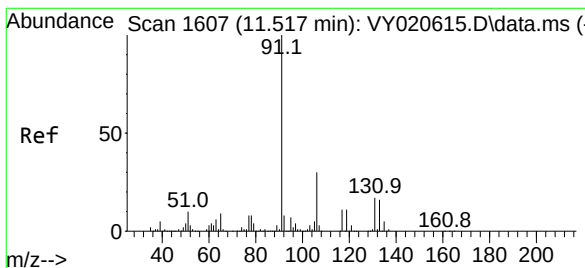
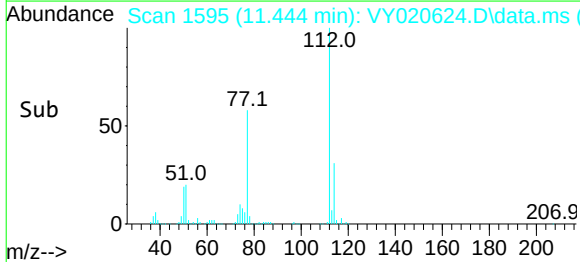
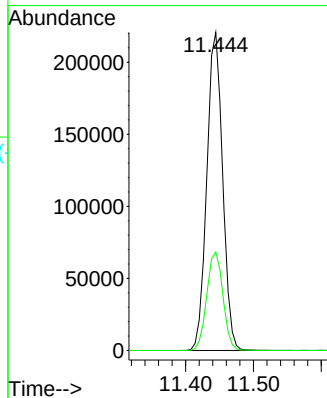
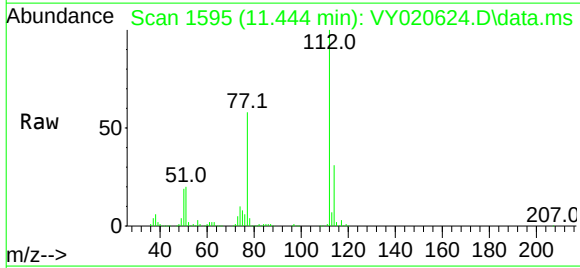
114 31.0 26.0 39.0

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 12/19/2024

Supervised By :Semsettin Yesilyurt 12/19/2024



#66

1,1,1,2-Tetrachloroethane

Concen: 56.082 ug/l

RT: 11.518 min Scan# 1607

Delta R.T. 0.000 min

Lab File: VY020624.D

Acq: 18 Dec 2024 10:06

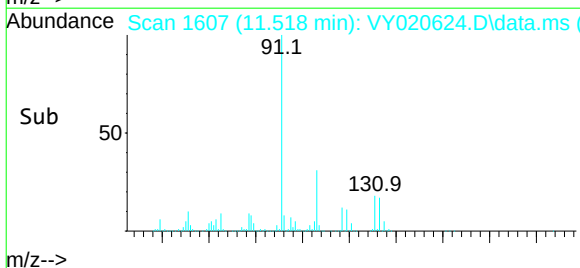
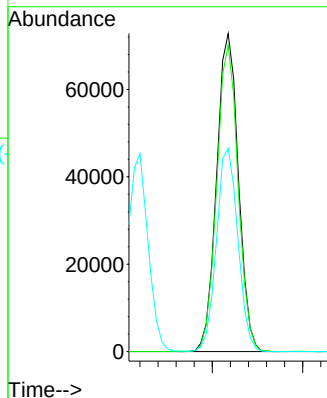
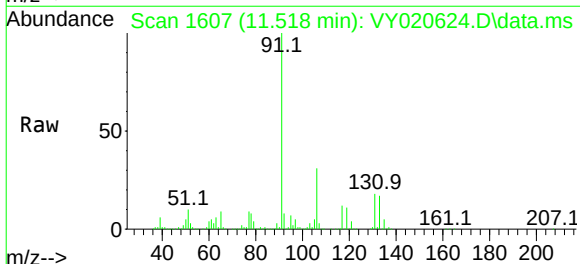
Tgt Ion:131 Resp: 121601

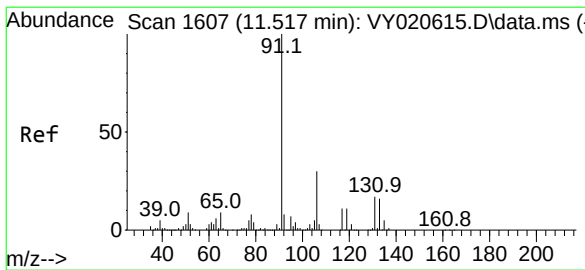
Ion Ratio Lower Upper

131 100

133 94.4 46.8 140.3

119 63.0 31.8 95.3





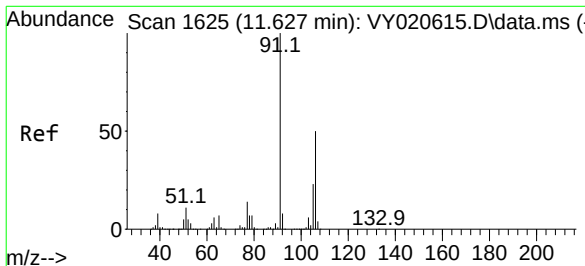
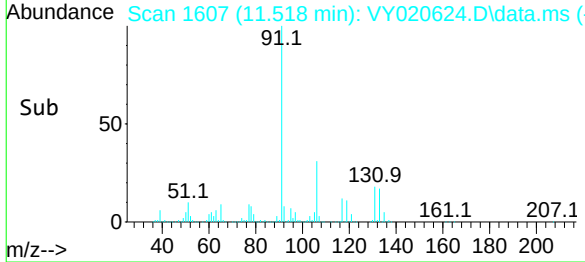
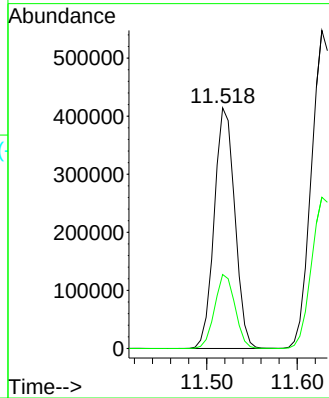
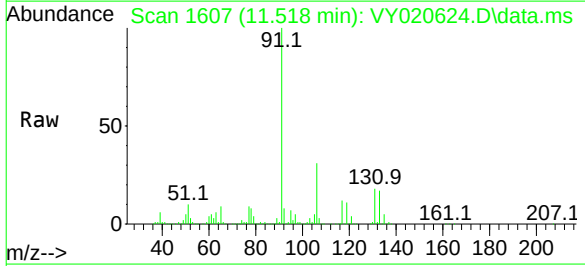
#67
Ethyl Benzene
Concen: 56.046 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. 0.000 min
Lab File: VY020624.D
Acq: 18 Dec 2024 10:06

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 655644
Ion Ratio Lower Upper
91 100
106 30.7 23.9 35.9

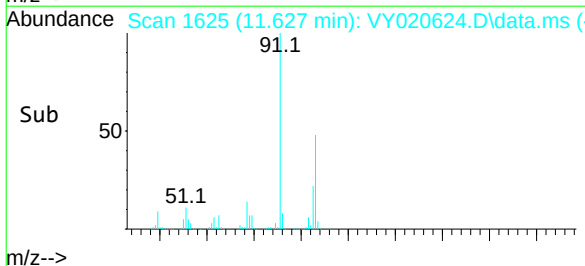
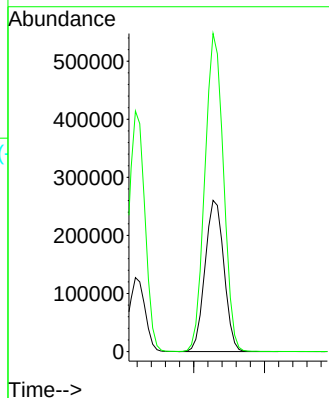
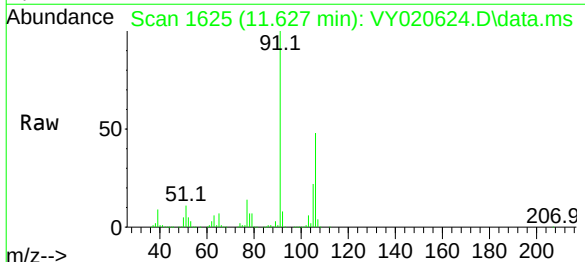
Manual Integrations
APPROVED

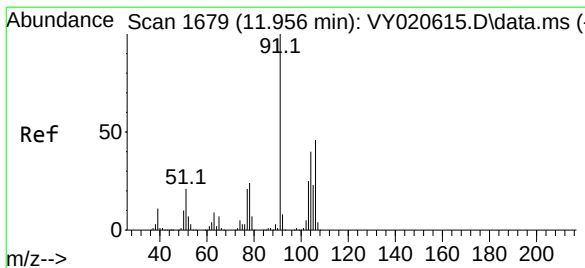
Reviewed By :Romaben Patel 12/19/2024
Supervised By :Semsettin Yesilyurt 12/19/2024



#68
m/p-Xylenes
Concen: 111.272 ug/l
RT: 11.627 min Scan# 1625
Delta R.T. 0.000 min
Lab File: VY020624.D
Acq: 18 Dec 2024 10:06

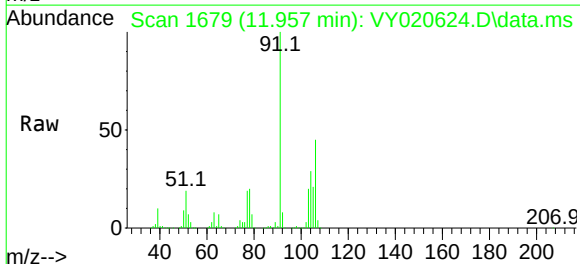
Tgt Ion:106 Resp: 483989
Ion Ratio Lower Upper
106 100
91 206.7 165.0 247.4





#69
o-Xylene
Concen: 55.953 ug/l
RT: 11.957 min Scan# 1679
Delta R.T. 0.000 min
Lab File: VY020624.D
Acq: 18 Dec 2024 10:06

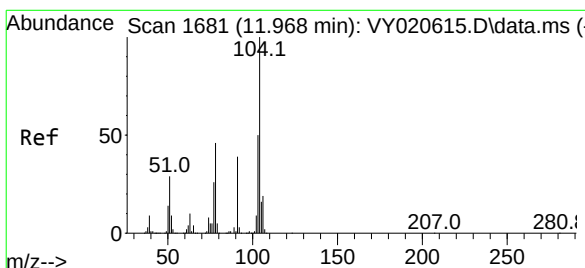
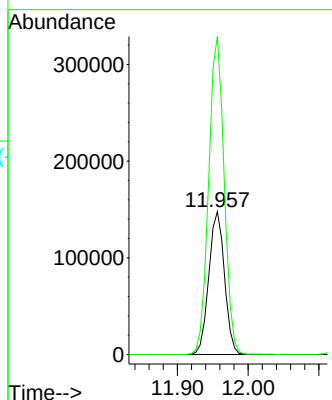
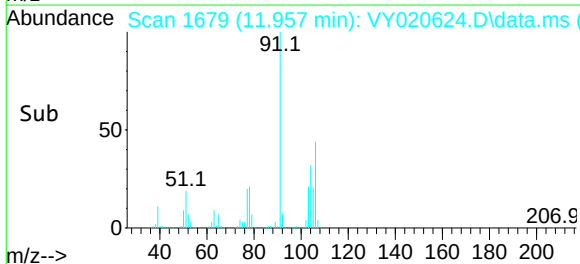
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



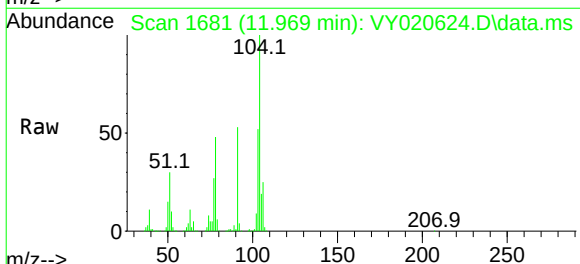
Tgt Ion:106 Resp: 227073
Ion Ratio Lower Upper
106 100
91 220.0 108.4 325.2

Manual Integrations
APPROVED

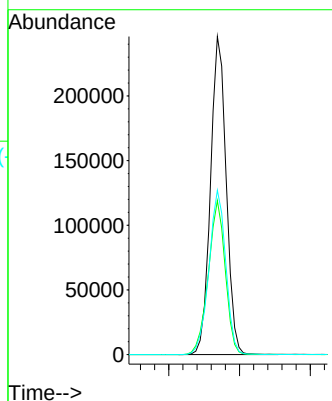
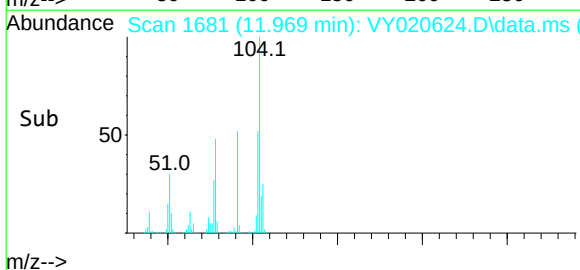
Reviewed By :Romaben Patel 12/19/2024
Supervised By :Semsettin Yesilyurt 12/19/2024

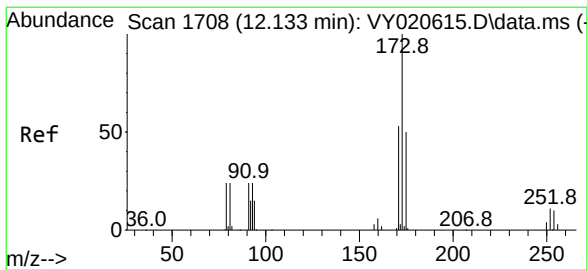


#70
Styrene
Concen: 56.046 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. 0.000 min
Lab File: VY020624.D
Acq: 18 Dec 2024 10:06



Tgt Ion:104 Resp: 380019
Ion Ratio Lower Upper
104 100
78 52.0 41.6 62.4
103 55.3 43.7 65.5





#71

Bromoform

Concen: 54.507 ug/l

RT: 12.133 min Scan# 1708

Delta R.T. 0.000 min

Lab File: VY020624.D

Acq: 18 Dec 2024 10:06

Instrument :

MSVOA_Y

ClientSampleId :

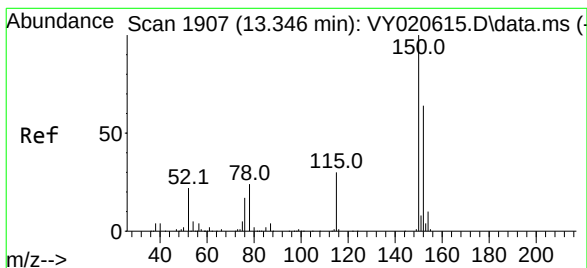
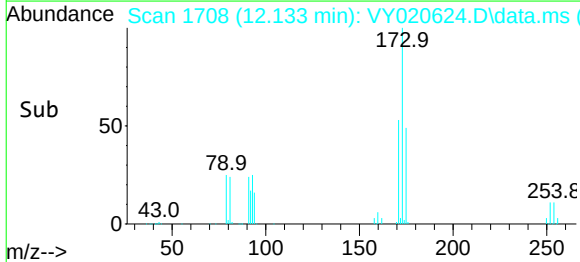
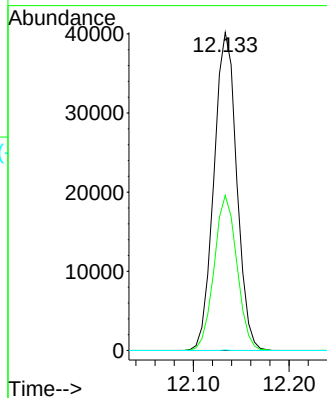
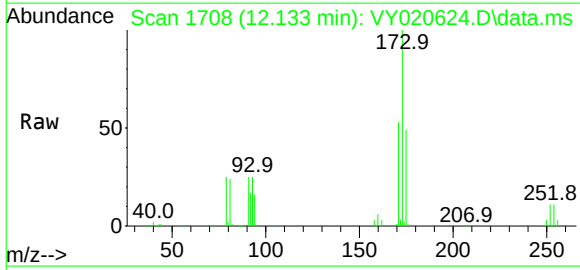
VSTDCCC050

Tgt Ion:	173	Resp:	66448
Ion Ratio	Lower	Upper	
173	100		
175	48.7	24.6	74.0
254	0.0	0.0	0.0

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 12/19/2024
Supervised By :Semsettin Yesilyurt 12/19/2024



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

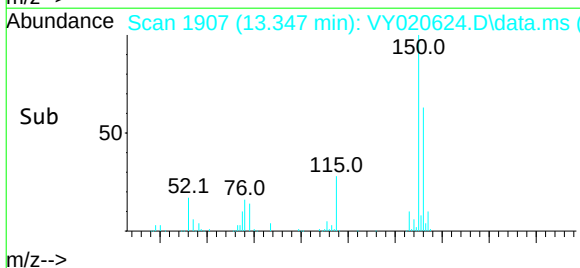
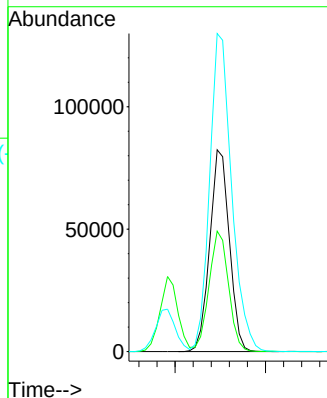
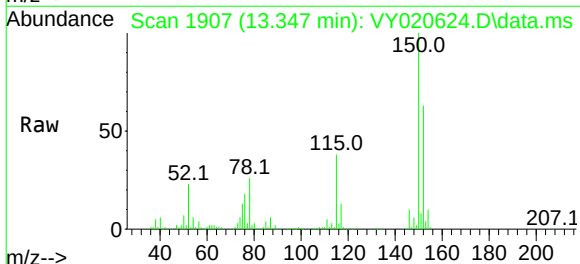
RT: 13.347 min Scan# 1907

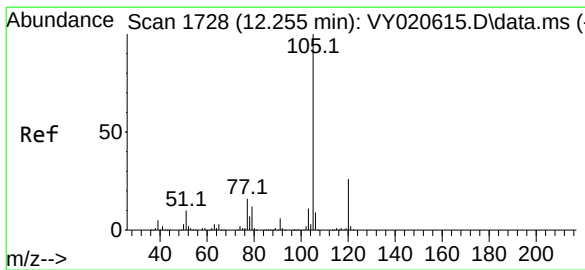
Delta R.T. 0.000 min

Lab File: VY020624.D

Acq: 18 Dec 2024 10:06

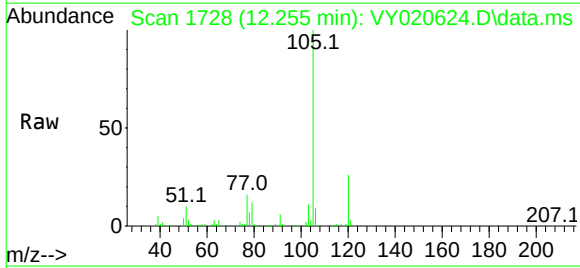
Tgt Ion:	152	Resp:	124266
Ion Ratio	Lower	Upper	
152	100		
115	59.3	30.2	90.6
150	176.9	0.0	355.4





#73
Isopropylbenzene
Concen: 57.082 ug/l
RT: 12.255 min Scan# 1728
Delta R.T. 0.000 min
Lab File: VY020624.D
Acq: 18 Dec 2024 10:06

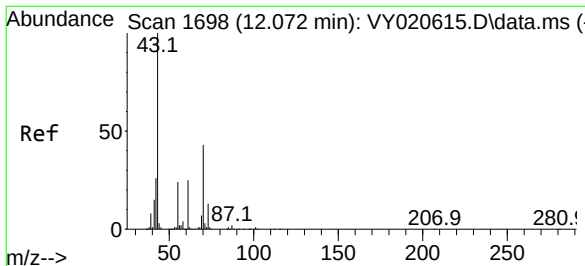
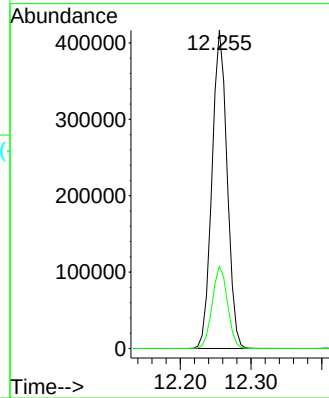
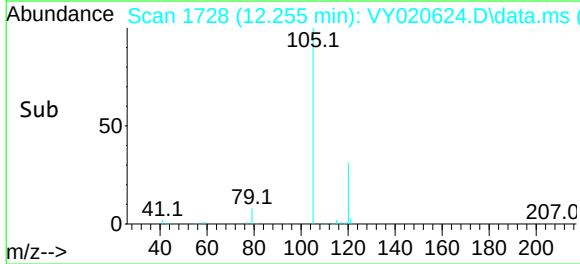
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 105 Resp: 619007
Ion Ratio Lower Upper
105 100
120 26.0 13.1 39.1

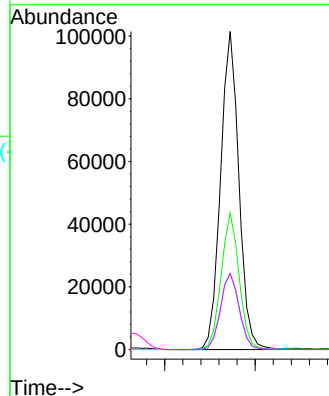
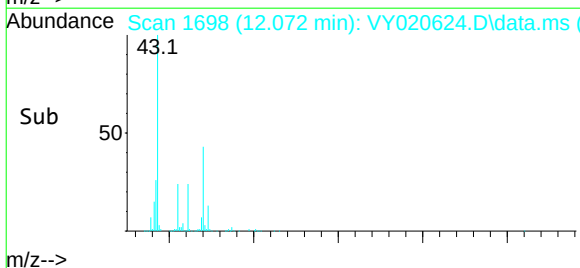
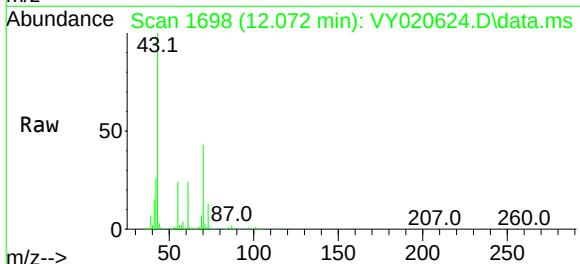
Manual Integrations
APPROVED

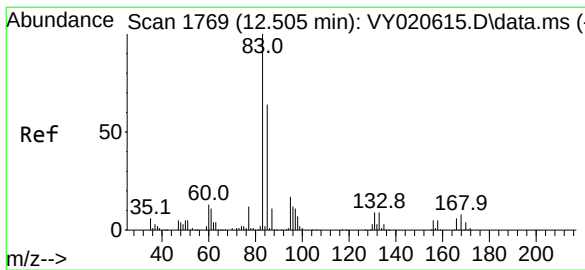
Reviewed By :Romaben Patel 12/19/2024
Supervised By :Semsettin Yesilyurt 12/19/2024



#74
N-ethyl acetate
Concen: 56.212 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VY020624.D
Acq: 18 Dec 2024 10:06

Tgt Ion: 43 Resp: 142658
Ion Ratio Lower Upper
43 100
70 42.4 34.2 51.2
55 24.6 19.6 29.4
61 24.5 19.4 29.0





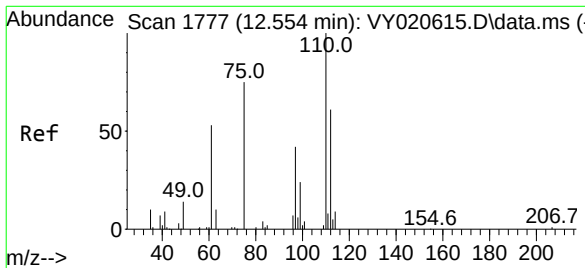
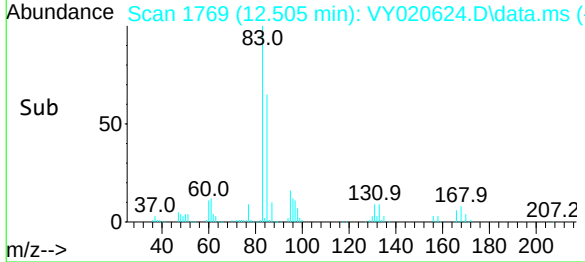
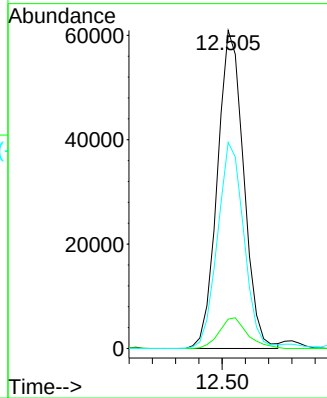
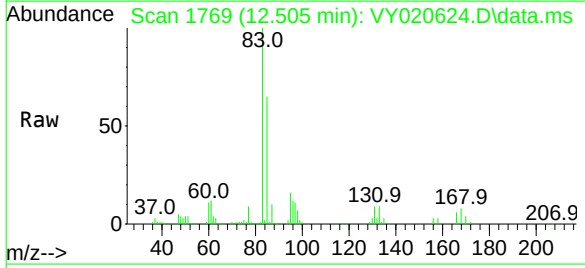
#75
1,1,2,2-Tetrachloroethane
Concen: 54.292 ug/l
RT: 12.505 min Scan# 1769
Delta R.T. 0.000 min
Lab File: VY020624.D
Acq: 18 Dec 2024 10:06

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
83	100		
131	10.4	5.2	15.6
85	65.0	32.5	97.4

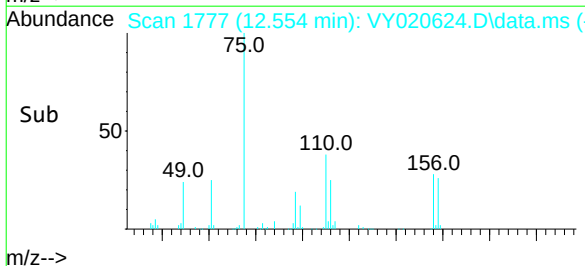
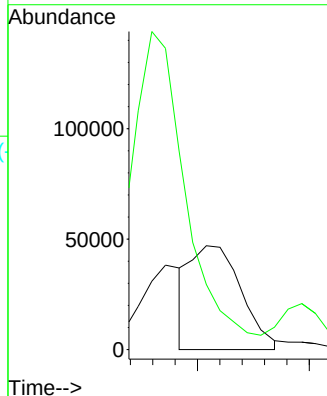
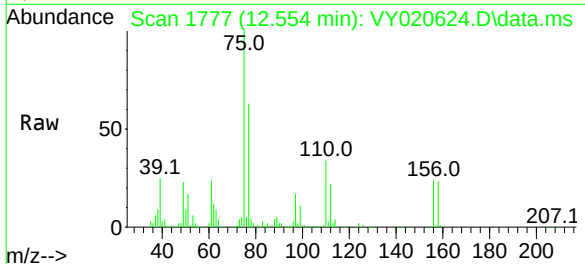
Manual Integrations
APPROVED

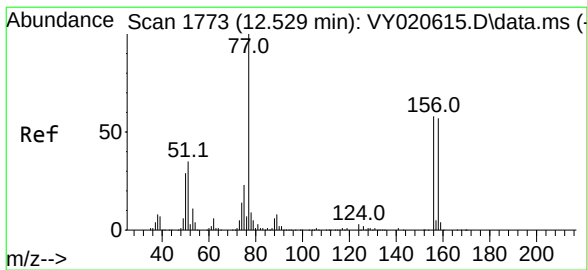
Reviewed By :Romaben Patel 12/19/2024
Supervised By :Semsettin Yesilyurt 12/19/2024



#76
1,2,3-Trichloropropane
Concen: 57.458 ug/l m
RT: 12.554 min Scan# 1777
Delta R.T. 0.000 min
Lab File: VY020624.D
Acq: 18 Dec 2024 10:06

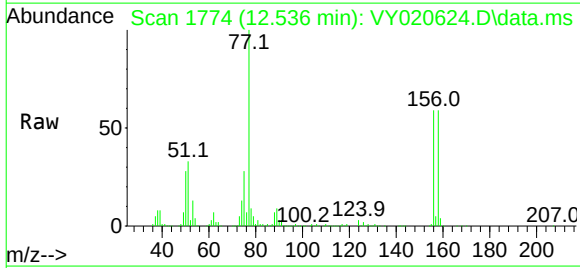
Tgt Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0





#77
Bromobenzene
Concen: 54.846 ug/l
RT: 12.536 min Scan# 1773
Delta R.T. 0.006 min
Lab File: VY020624.D
Acq: 18 Dec 2024 10:06

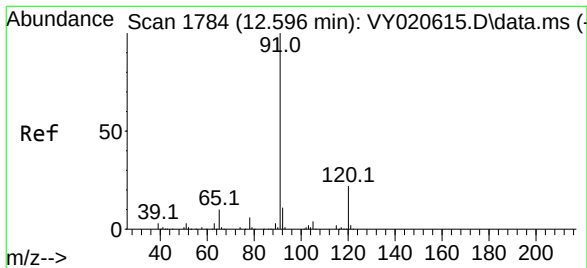
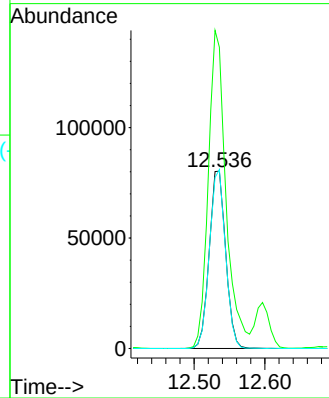
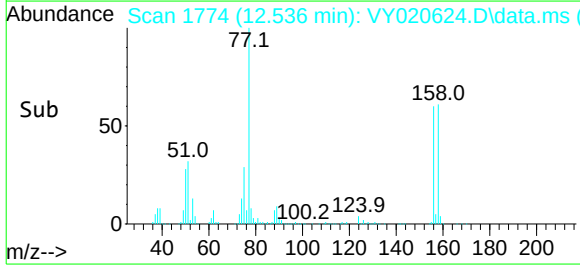
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion:156 Resp: 129556
Ion Ratio Lower Upper
156 100
77 193.3 94.2 282.4
158 98.4 48.9 146.6

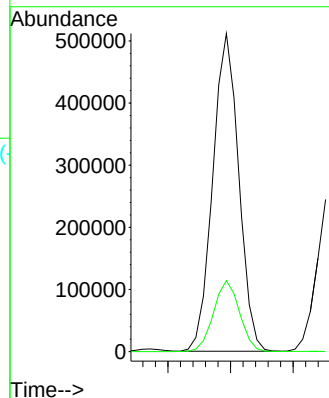
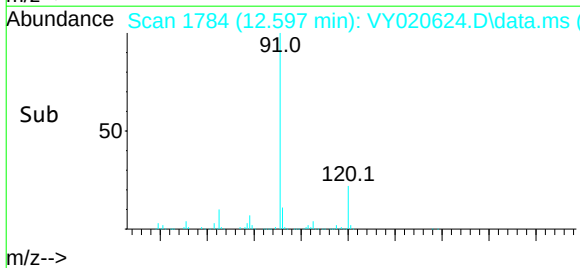
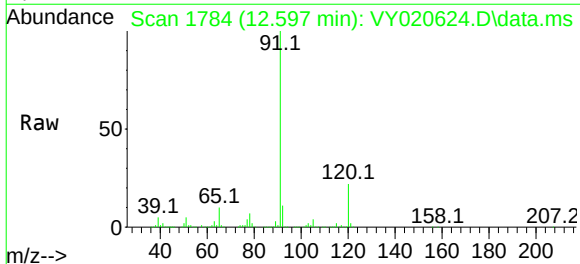
Manual Integrations
APPROVED

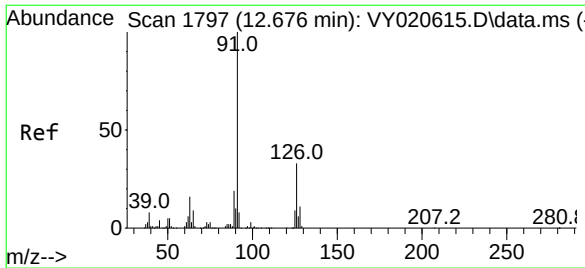
Reviewed By :Romaben Patel 12/19/2024
Supervised By :Semsettin Yesilyurt 12/19/2024



#78
n-propylbenzene
Concen: 56.363 ug/l
RT: 12.597 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VY020624.D
Acq: 18 Dec 2024 10:06

Tgt Ion: 91 Resp: 736385
Ion Ratio Lower Upper
91 100
120 22.3 11.1 33.1





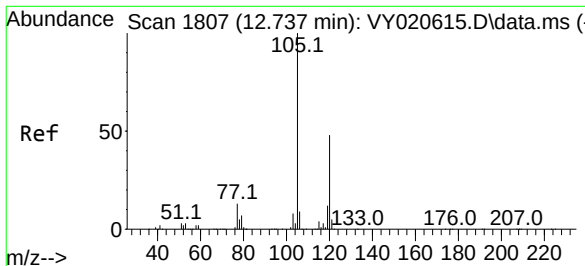
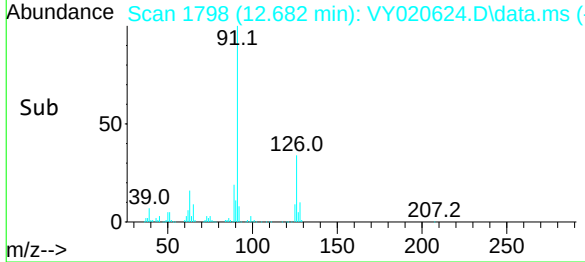
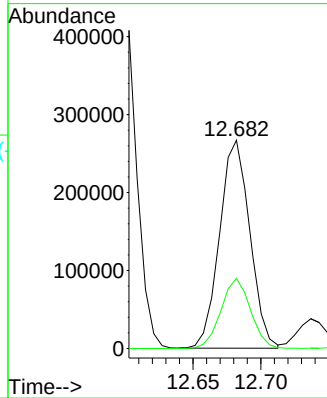
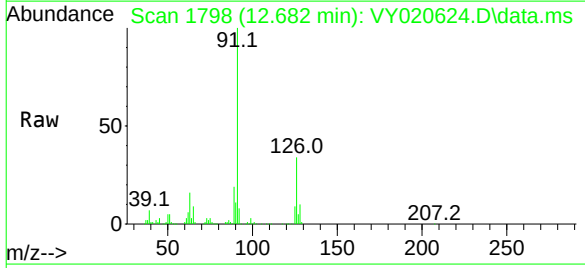
#79
2-Chlorotoluene
Concen: 56.258 ug/l
RT: 12.682 min Scan# 1797
Delta R.T. 0.006 min
Lab File: VY020624.D
Acq: 18 Dec 2024 10:06

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 413534
Ion Ratio Lower Upper
91 100
126 32.9 16.6 49.7

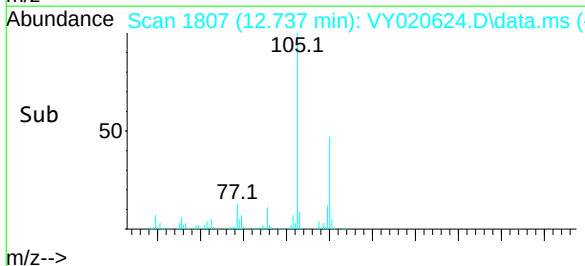
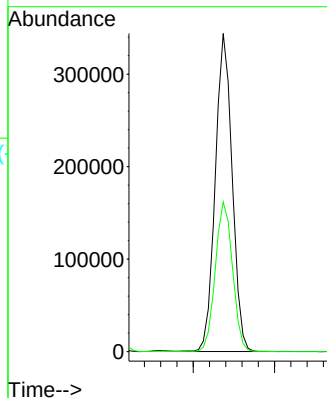
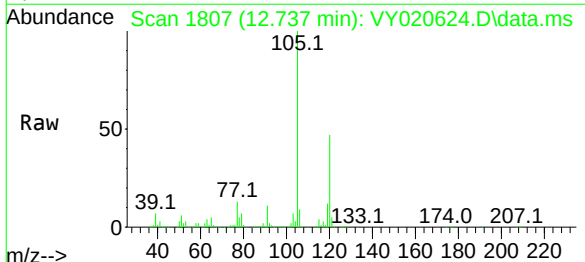
Manual Integrations
APPROVED

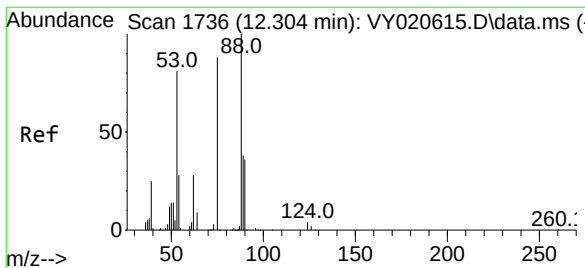
Reviewed By :Romaben Patel 12/19/2024
Supervised By :Semsettin Yesilyurt 12/19/2024



#80
1,3,5-Trimethylbenzene
Concen: 56.365 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VY020624.D
Acq: 18 Dec 2024 10:06

Tgt Ion:105 Resp: 495961
Ion Ratio Lower Upper
105 100
120 48.0 23.9 71.7





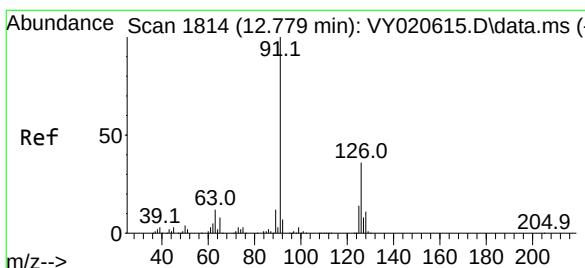
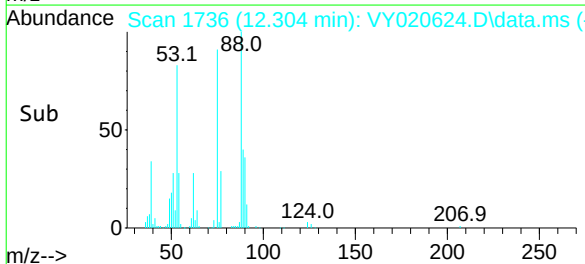
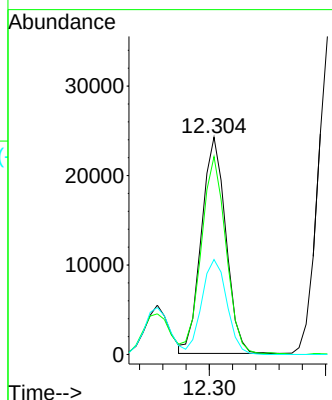
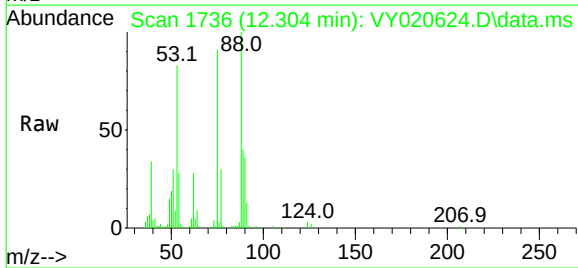
#81
trans-1,4-Dichloro-2-butene
Concen: 57.195 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. 0.000 min
Lab File: VY020624.D
Acq: 18 Dec 2024 10:06

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
75	100		
53	93.5	75.4	113.2
89	45.0	37.0	55.4

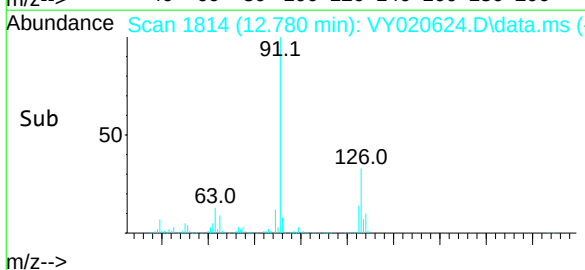
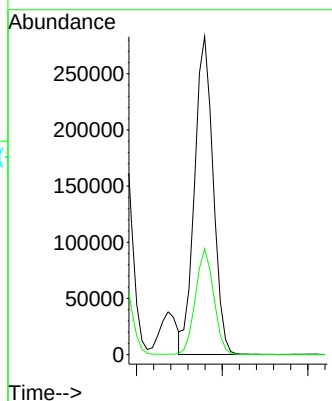
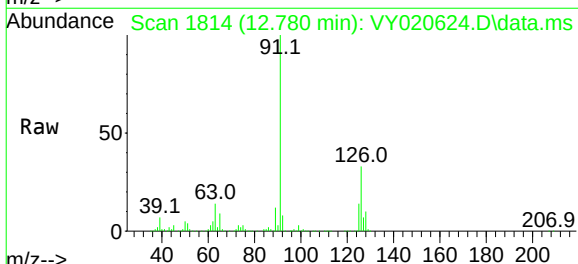
Manual Integrations
APPROVED

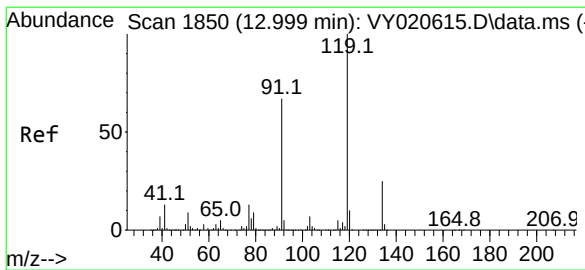
Reviewed By :Romaben Patel 12/19/2024
Supervised By :Semsettin Yesilyurt 12/19/2024



#82
4-Chlorotoluene
Concen: 55.900 ug/l
RT: 12.780 min Scan# 1814
Delta R.T. 0.000 min
Lab File: VY020624.D
Acq: 18 Dec 2024 10:06

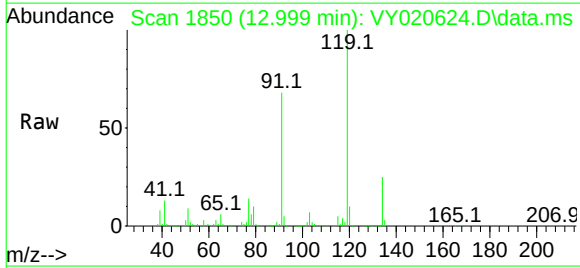
Tgt Ion	Ratio	Lower	Upper
91	100		
126	32.8	16.6	49.7





#83
tert-Butylbenzene
Concen: 55.648 ug/l
RT: 12.999 min Scan# 1850
Delta R.T. 0.000 min
Lab File: VY020624.D
Acq: 18 Dec 2024 10:06

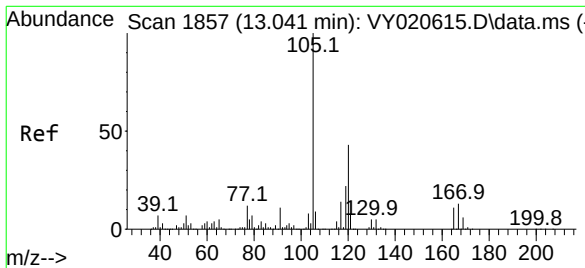
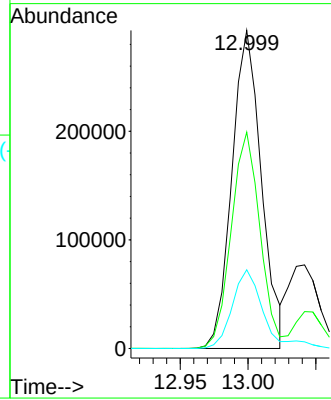
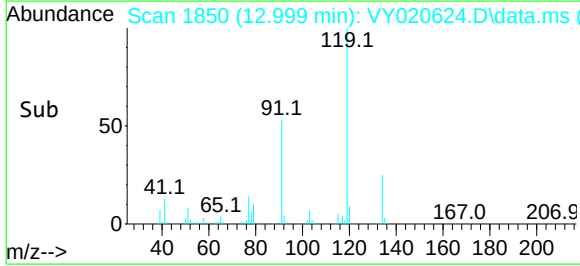
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



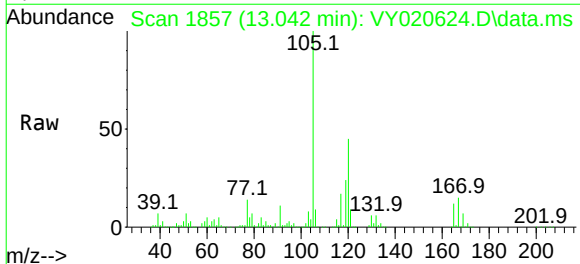
Tgt Ion:119 Resp: 443445
Ion Ratio Lower Upper
119 100
91 66.1 32.9 98.6
134 26.2 13.1 39.1

Manual Integrations
APPROVED

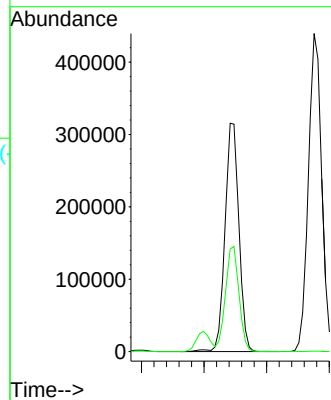
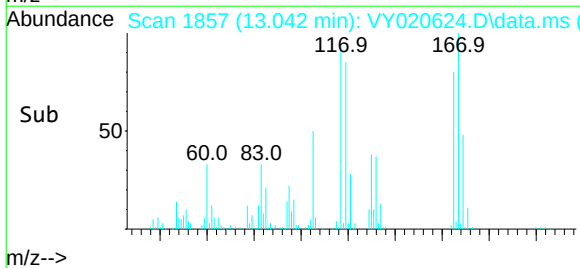
Reviewed By :Romaben Patel 12/19/2024
Supervised By :Semsettin Yesilyurt 12/19/2024

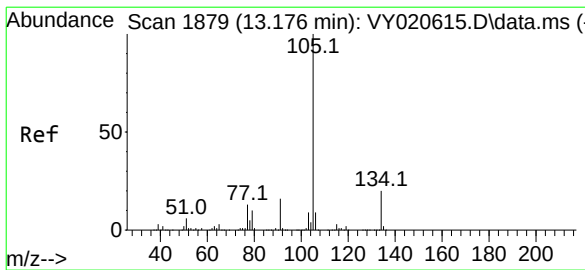


#84
1,2,4-Trimethylbenzene
Concen: 56.391 ug/l
RT: 13.042 min Scan# 1857
Delta R.T. 0.000 min
Lab File: VY020624.D
Acq: 18 Dec 2024 10:06



Tgt Ion:105 Resp: 486708
Ion Ratio Lower Upper
105 100
120 44.8 21.8 65.4





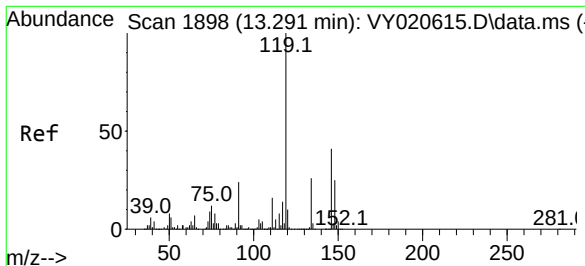
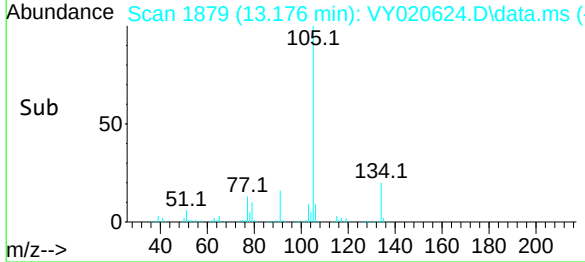
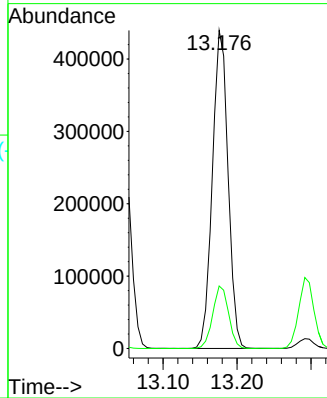
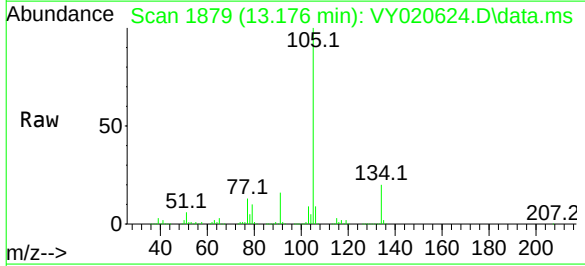
#85
sec-Butylbenzene
Concen: 55.795 ug/l
RT: 13.176 min Scan# 1879
Delta R.T. 0.000 min
Lab File: VY020624.D
Acq: 18 Dec 2024 10:06

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:105 Resp: 646469
Ion Ratio Lower Upper
105 100
134 19.9 10.0 30.0

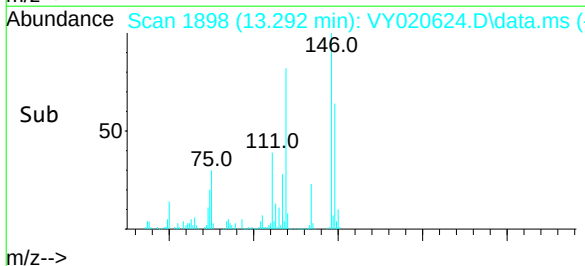
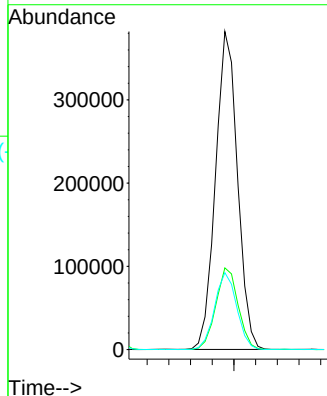
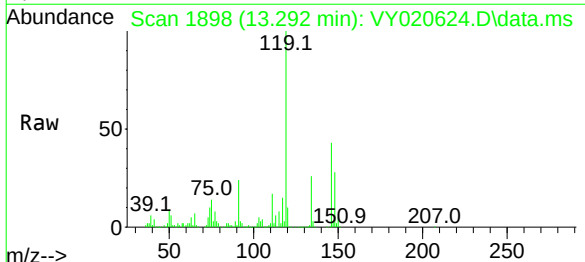
Manual Integrations
APPROVED

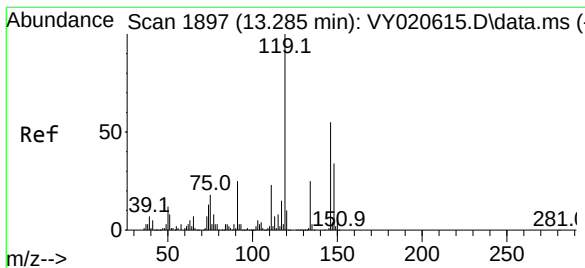
Reviewed By :Romaben Patel 12/19/2024
Supervised By :Semsettin Yesilyurt 12/19/2024



#86
p-Isopropyltoluene
Concen: 56.247 ug/l
RT: 13.292 min Scan# 1898
Delta R.T. 0.000 min
Lab File: VY020624.D
Acq: 18 Dec 2024 10:06

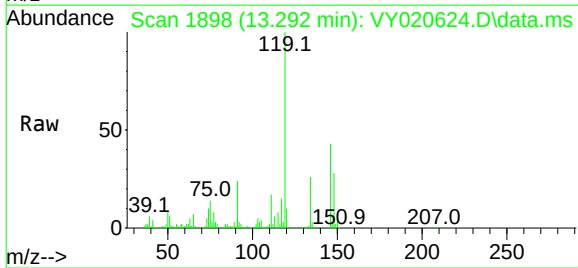
Tgt Ion:119 Resp: 537317
Ion Ratio Lower Upper
119 100
134 26.0 12.9 38.6
91 24.3 12.1 36.3





#87
1,3-Dichlorobenzene
Concen: 54.826 ug/l
RT: 13.292 min Scan# 1898
Delta R.T. 0.006 min
Lab File: VY020624.D
Acq: 18 Dec 2024 10:06

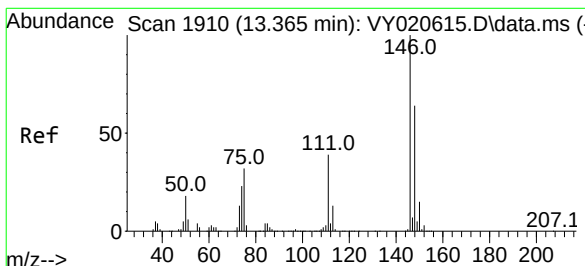
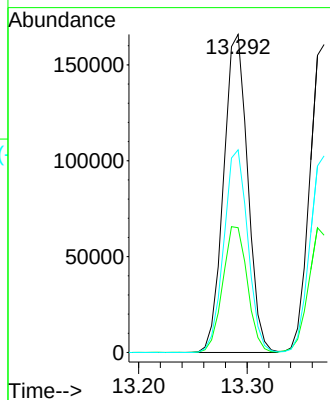
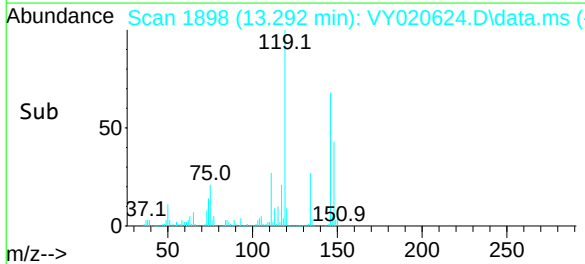
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion:146 Resp: 255653
Ion Ratio Lower Upper
146 100
111 40.6 20.6 61.8
148 63.6 31.4 94.0

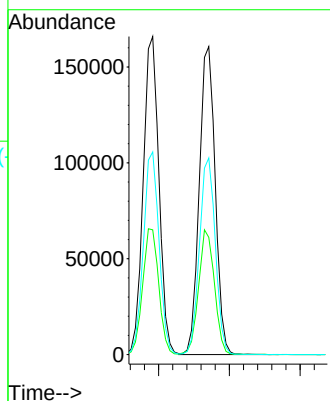
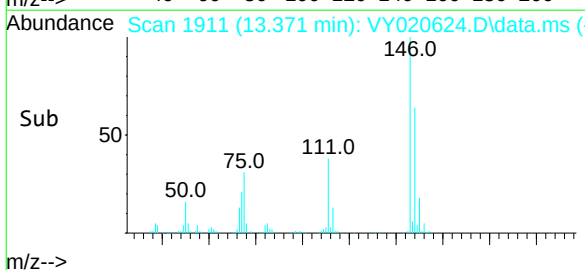
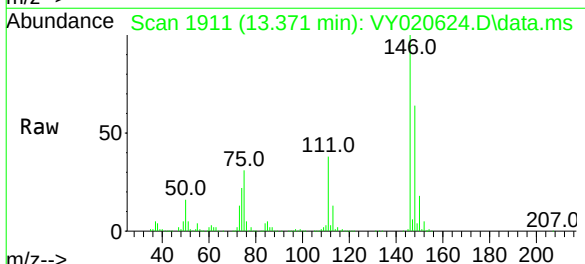
Manual Integrations
APPROVED

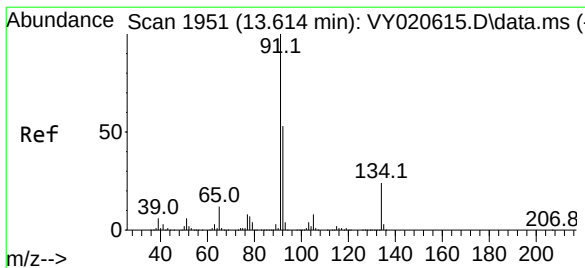
Reviewed By :Romaben Patel 12/19/2024
Supervised By :Semsettin Yesilyurt 12/19/2024



#88
1,4-Dichlorobenzene
Concen: 54.463 ug/l
RT: 13.371 min Scan# 1911
Delta R.T. 0.006 min
Lab File: VY020624.D
Acq: 18 Dec 2024 10:06

Tgt Ion:146 Resp: 251527
Ion Ratio Lower Upper
146 100
111 40.1 19.6 58.7
148 63.6 31.9 95.5





#89

n-Butylbenzene

Concen: 56.710 ug/l

RT: 13.621 min Scan# 1951

Delta R.T. 0.006 min

Lab File: VY020624.D

Acq: 18 Dec 2024 10:06

Instrument :

MSVOA_Y

ClientSampleId :

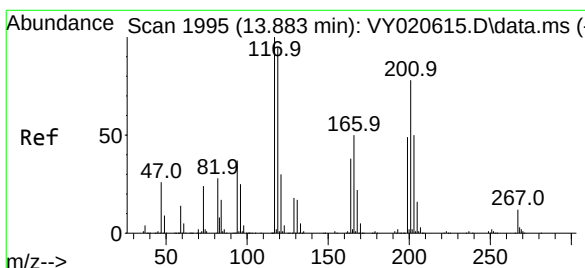
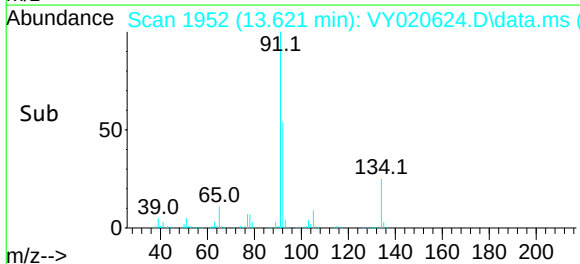
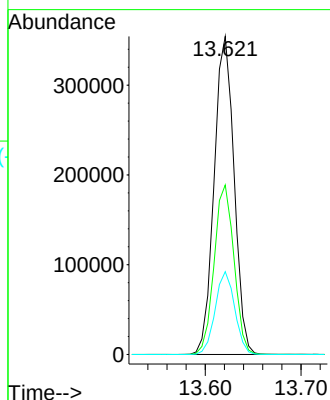
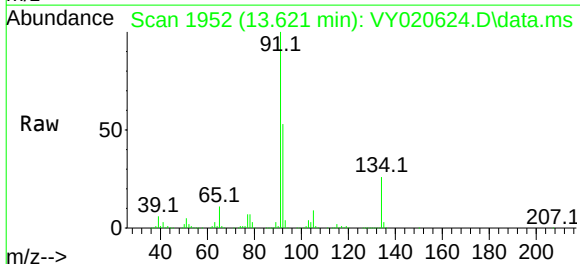
VSTDCCC050

Tgt Ion:	91	Resp:	513421
Ion	Ratio	Lower	Upper
91	100		
92	53.0	26.8	80.4
134	25.5	12.5	37.5

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 12/19/2024
Supervised By :Semsettin Yesilyurt 12/19/2024



#90

Hexachloroethane

Concen: 55.981 ug/l

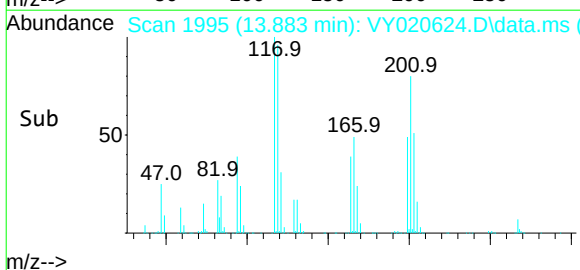
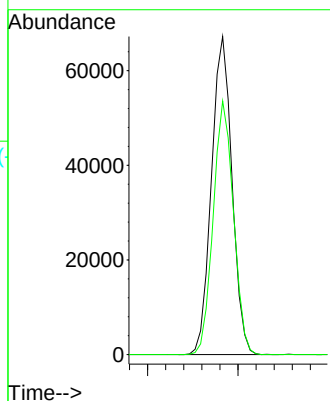
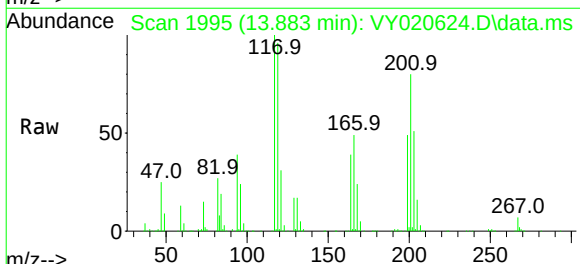
RT: 13.883 min Scan# 1995

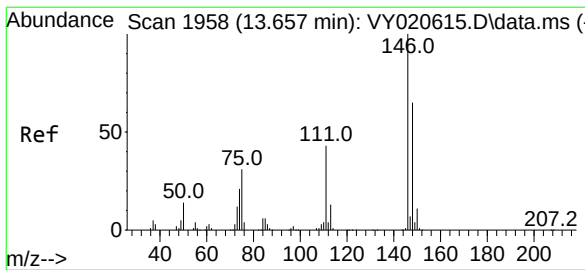
Delta R.T. 0.000 min

Lab File: VY020624.D

Acq: 18 Dec 2024 10:06

Tgt Ion:	117	Resp:	105978
Ion	Ratio	Lower	Upper
117	100		
201	78.6	39.1	117.3





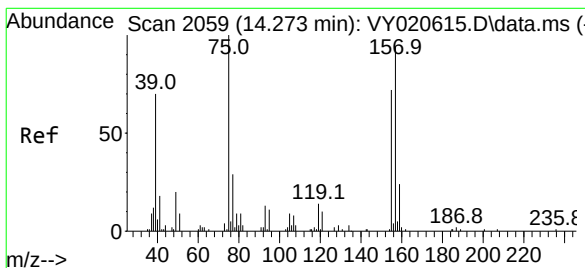
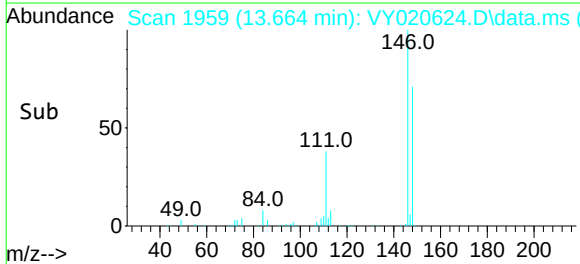
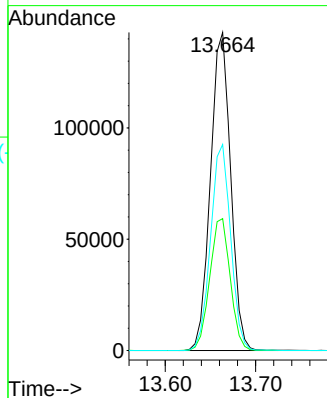
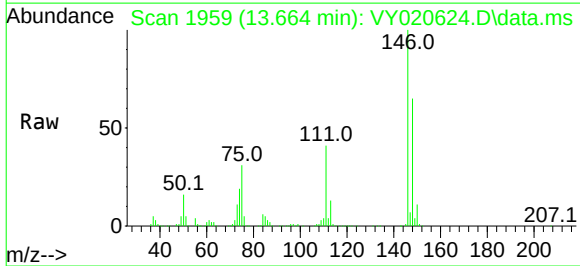
#91
1,2-Dichlorobenzene
Concen: 54.837 ug/l
RT: 13.664 min Scan# 1958
Delta R.T. 0.006 min
Lab File: VY020624.D
Acq: 18 Dec 2024 10:06

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 146 Resp: 221550
Ion Ratio Lower Upper
146 100
111 42.1 21.3 63.7
148 64.5 32.0 96.0

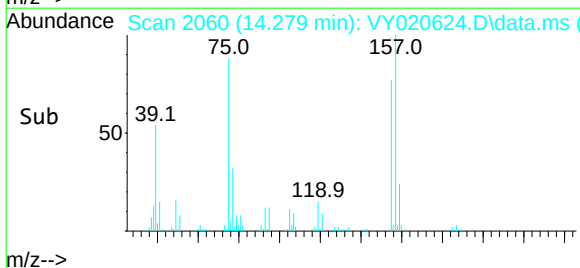
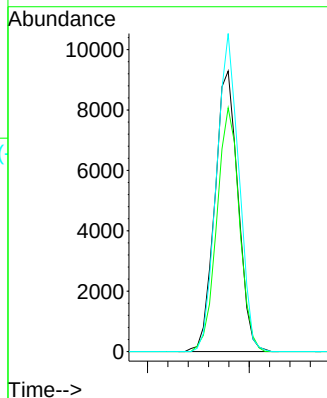
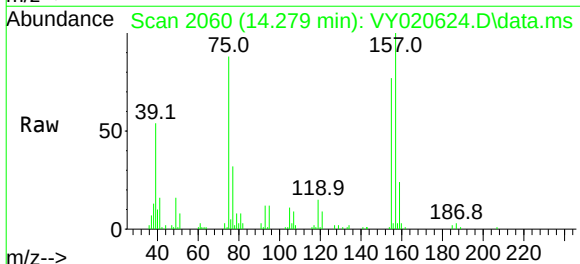
Manual Integrations
APPROVED

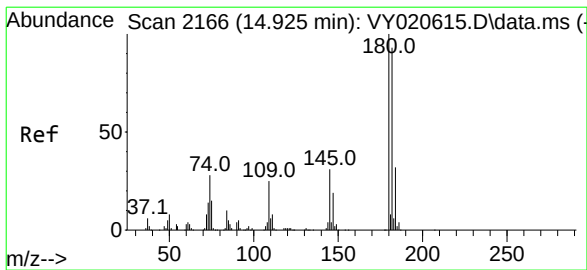
Reviewed By :Romaben Patel 12/19/2024
Supervised By :Semsettin Yesilyurt 12/19/2024



#92
1,2-Dibromo-3-Chloropropane
Concen: 51.651 ug/l
RT: 14.279 min Scan# 2060
Delta R.T. 0.006 min
Lab File: VY020624.D
Acq: 18 Dec 2024 10:06

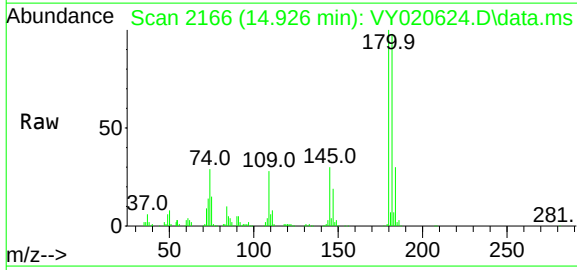
Tgt Ion: 75 Resp: 14761
Ion Ratio Lower Upper
75 100
155 84.3 41.1 123.3
157 109.1 52.9 158.8





#93
1,2,4-Trichlorobenzene
Concen: 56.949 ug/l
RT: 14.926 min Scan# 2166
Delta R.T. 0.000 min
Lab File: VY020624.D
Acq: 18 Dec 2024 10:06

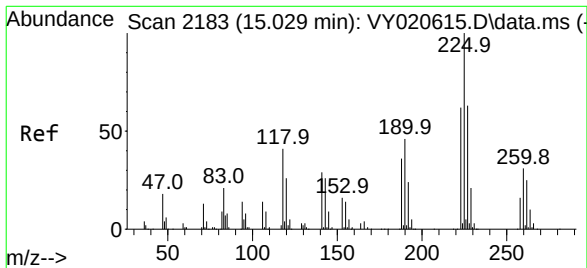
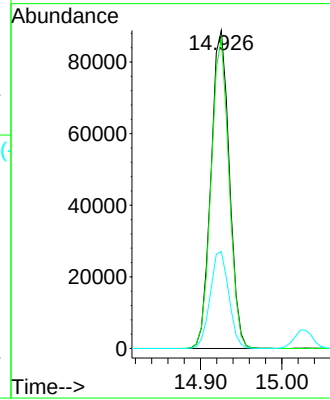
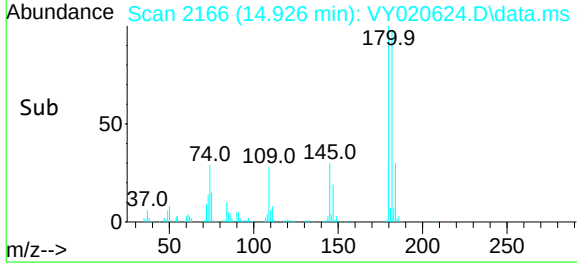
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion:180 Resp: 139170
Ion Ratio Lower Upper
180 100
182 95.0 47.9 143.6
145 30.9 15.6 46.7

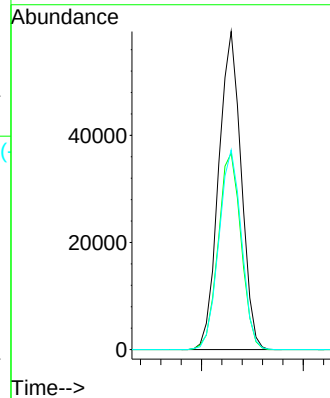
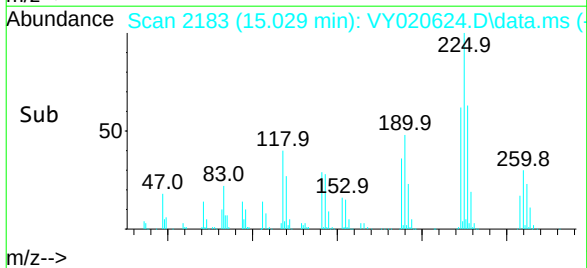
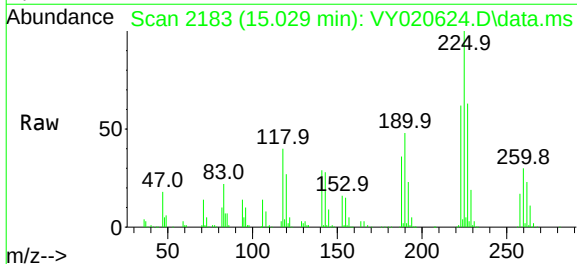
Manual Integrations
APPROVED

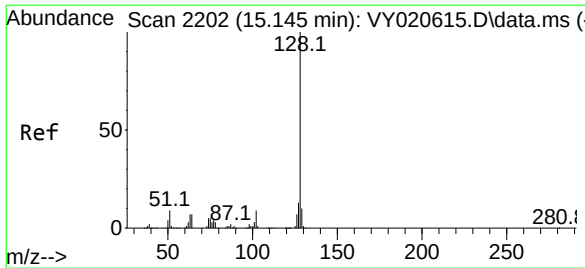
Reviewed By :Romaben Patel 12/19/2024
Supervised By :Semsettin Yesilyurt 12/19/2024



#94
Hexachlorobutadiene
Concen: 57.205 ug/l
RT: 15.029 min Scan# 2183
Delta R.T. 0.000 min
Lab File: VY020624.D
Acq: 18 Dec 2024 10:06

Tgt Ion:225 Resp: 91388
Ion Ratio Lower Upper
225 100
223 62.7 31.8 95.3
227 62.9 32.2 96.6





#95

Naphthalene

Concen: 57.582 ug/l

RT: 15.151 min Scan# 2202

Delta R.T. 0.006 min

Lab File: VY020624.D

Acq: 18 Dec 2024 10:06

Instrument :

MSVOA_Y

ClientSampleId :

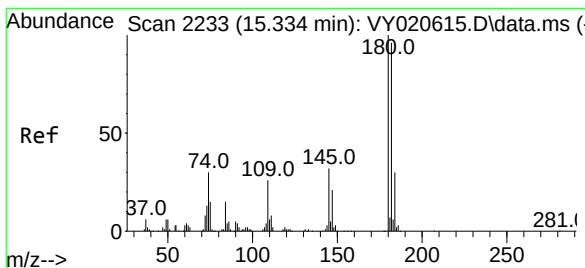
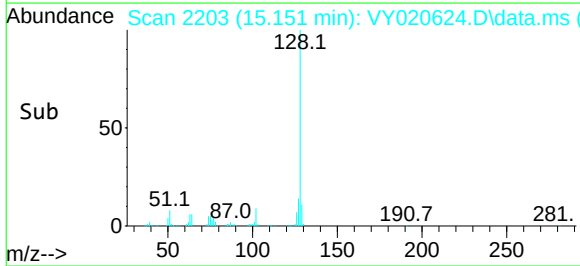
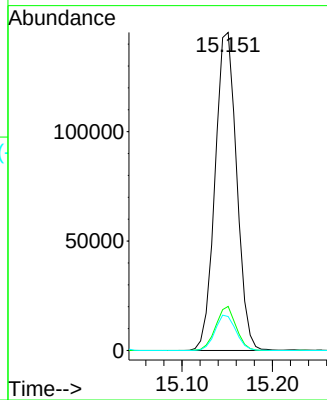
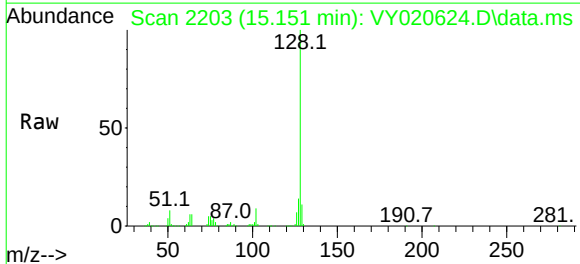
VSTDCCC050

Tgt Ion:	128	Resp:	241249
Ion Ratio	Lower	Upper	
128	100		
127	13.1	10.7	16.1
129	10.8	8.5	12.7

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 12/19/2024
Supervised By :Semsettin Yesilyurt 12/19/2024



#96

1,2,3-Trichlorobenzene

Concen: 57.038 ug/l

RT: 15.334 min Scan# 2233

Delta R.T. 0.000 min

Lab File: VY020624.D

Acq: 18 Dec 2024 10:06

Tgt Ion:	180	Resp:	117769
Ion Ratio	Lower	Upper	
180	100		
182	94.7	47.3	141.9
145	31.9	16.0	48.0

