

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020624\
 Data File : VY017277.D
 Acq On : 06 Feb 2024 20:09
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 02/07/2024
 Supervised By :Semsettin Yesilyurt 02/07/2024

Quant Time: Feb 07 00:12:49 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020124S.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 02 00:56:04 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.807	168	104101	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.703	114	190059	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	170824	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	78854	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.161	65	48044	51.662	ug/l	0.01
Spiked Amount 50.000	Range 50 - 163		Recovery = 103.320%			
35) Dibromofluoromethane	7.734	113	47276	46.069	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 92.140%			
50) Toluene-d8	10.191	98	177742	47.572	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 95.140%			
62) 4-Bromofluorobenzene	12.489	95	63722	52.063	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 104.120%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.912	85	33142	41.996	ug/l	98
3) Chloromethane	2.125	50	73570	51.894	ug/l	98
4) Vinyl Chloride	2.259	62	88684	51.333	ug/l	99
5) Bromomethane	2.662	94	68849	57.491	ug/l	97
6) Chloroethane	2.808	64	60319	54.074	ug/l	98
7) Trichlorofluoromethane	3.137	101	82169	46.253	ug/l	99
8) Diethyl Ether	3.552	74	28324	50.687	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.918	101	49628	46.084	ug/l	97
10) Methyl Iodide	4.113	142	41897	37.007	ug/l	100
11) Tert butyl alcohol	4.984	59	18543	235.974	ug/l	99
12) 1,1-Dichloroethene	3.893	96	46178	45.763	ug/l	98
13) Acrolein	3.747	56	18315	237.076	ug/l	99
14) Allyl chloride	4.503	41	74023	48.524	ug/l	97
15) Acrylonitrile	5.186	53	62340	247.778	ug/l	99
16) Acetone	3.972	43	55630	203.525	ug/l	99
17) Carbon Disulfide	4.216	76	138611	43.032	ug/l	100
18) Methyl Acetate	4.503	43	34524	56.619	ug/l	100
19) Methyl tert-butyl Ether	5.247	73	124077	51.056	ug/l	99
20) Methylene Chloride	4.741	84	58862	52.775	ug/l	94
21) trans-1,2-Dichloroethene	5.247	96	53983	47.027	ug/l	97
22) Diisopropyl ether	6.143	45	173144	51.685	ug/l	99
23) Vinyl Acetate	6.082	43	514601	253.518	ug/l	99
24) 1,1-Dichloroethane	6.045	63	100389	48.918	ug/l	98
25) 2-Butanone	7.008	43	83864	230.800	ug/l	98
26) 2,2-Dichloropropane	7.002	77	78352	45.901	ug/l	100
27) cis-1,2-Dichloroethene	7.008	96	63382	49.367	ug/l	100
28) Bromochloromethane	7.356	49	40029	50.942	ug/l	95
29) Tetrahydrofuran	7.374	42	52435	255.455	ug/l	99
30) Chloroform	7.527	83	102325	49.565	ug/l	100
31) Cyclohexane	7.807	56	84196	44.917	ug/l	99
32) 1,1,1-Trichloroethane	7.722	97	86325	48.613	ug/l	99
36) 1,1-Dichloropropene	7.935	75	77643	43.863	ug/l	99
37) Ethyl Acetate	7.094	43	37973	46.252	ug/l	99
38) Carbon Tetrachloride	7.923	117	74081	43.710	ug/l	99
39) Methylcyclohexane	9.197	83	91877	44.429	ug/l	98
40) Benzene	8.179	78	230289	45.557	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.332	41	23036	59.221	ug/l	95
42) 1,2-Dichloroethane	8.252	62	62278	46.532	ug/l	100
43) Isopropyl Acetate	8.289	43	72340	49.775	ug/l	98
44) Trichloroethene	8.953	130	56463	44.003	ug/l	96
45) 1,2-Dichloropropane	9.228	63	58294	46.949	ug/l	99
46) Dibromomethane	9.319	93	31433	46.866	ug/l	95
47) Bromodichloromethane	9.508	83	76818	45.765	ug/l	98
48) Methyl methacrylate	9.307	41	34244	50.234	ug/l	98
49) 1,4-Dioxane	9.313	88	6724	921.064	ug/l	95
51) 4-Methyl-2-Pentanone	10.081	43	197656	253.711	ug/l	99
52) Toluene	10.258	92	142732	46.779	ug/l	99
53) t-1,3-Dichloropropene	10.477	75	75434	47.845	ug/l	97
54) cis-1,3-Dichloropropene	9.941	75	88346	46.782	ug/l	95
55) 1,1,2-Trichloroethane	10.654	97	44633	48.911	ug/l	98
56) Ethyl methacrylate	10.520	69	57966	47.380	ug/l	96
57) 1,3-Dichloropropane	10.800	76	74942	47.748	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.794	63	159189	280.019	ug/l	97
59) 2-Hexanone	10.843	43	138014	244.991	ug/l	99
60) Dibromochloromethane	10.996	129	50460	47.136	ug/l	98
61) 1,2-Dibromoethane	11.099	107	40254	47.431	ug/l	99
64) Tetrachloroethene	10.733	164	49536	44.651	ug/l	98
65) Chlorobenzene	11.526	112	147947	44.896	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.599	131	53774	44.903	ug/l	99
67) Ethyl Benzene	11.605	91	279047	46.854	ug/l	100
68) m/p-Xylenes	11.715	106	208804	92.386	ug/l	99
69) o-Xylene	12.038	106	100140	48.113	ug/l	97
70) Styrene	12.056	104	171340	49.963	ug/l	99
71) Bromoform	12.221	173	29661	47.294	ug/l #	99
73) Isopropylbenzene	12.343	105	265750	45.875	ug/l	100
74) N-amyl acetate	12.154	43	66082	50.769	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.593	83	52186	45.803	ug/l	98
76) 1,2,3-Trichloropropane	12.642	75	33692m	46.292	ug/l	
77) Bromobenzene	12.617	156	55660	43.317	ug/l	97
78) n-propylbenzene	12.678	91	325311	45.724	ug/l	100
79) 2-Chlorotoluene	12.770	91	179558	45.906	ug/l	100
80) 1,3,5-Trimethylbenzene	12.824	105	214185	46.490	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.386	75	16111	45.996	ug/l	99
82) 4-Chlorotoluene	12.861	91	183241	45.518	ug/l	100
83) tert-Butylbenzene	13.087	119	186443	47.210	ug/l	98
84) 1,2,4-Trimethylbenzene	13.129	105	214594	47.189	ug/l	100
85) sec-Butylbenzene	13.263	105	283522	45.934	ug/l	100
86) p-Isopropyltoluene	13.379	119	228489	46.324	ug/l	100
87) 1,3-Dichlorobenzene	13.373	146	114034	44.486	ug/l	100
88) 1,4-Dichlorobenzene	13.452	146	111521	44.781	ug/l	98
89) n-Butylbenzene	13.708	91	225189	48.019	ug/l	100
90) Hexachloroethane	13.971	117	44958	44.400	ug/l	95
91) 1,2-Dichlorobenzene	13.751	146	100190	45.913	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.367	75	6996	47.140	ug/l	95
93) 1,2,4-Trichlorobenzene	15.019	180	53154	49.039	ug/l	100
94) Hexachlorobutadiene	15.123	225	27191	42.593	ug/l	100
95) Naphthalene	15.245	128	115029	52.256	ug/l	99
96) 1,2,3-Trichlorobenzene	15.434	180	45782	49.662	ug/l	98

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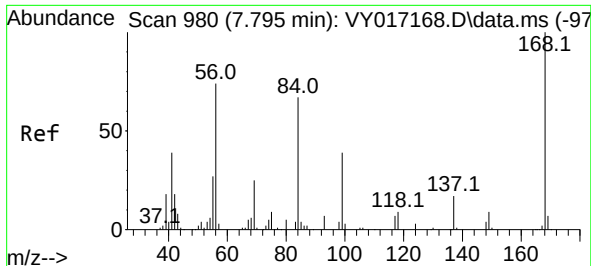
Manual Integrations
APPROVED

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Response via : Initial Calibration

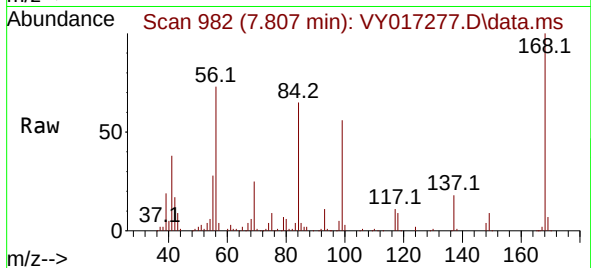
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.807 min Scan# 91
Delta R.T. 0.012 min
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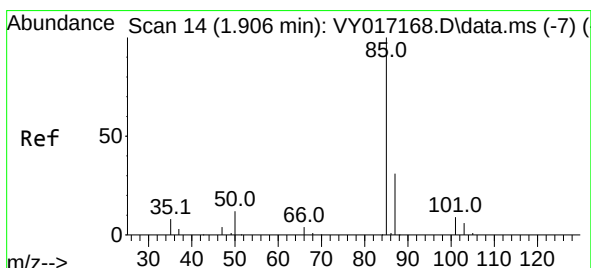
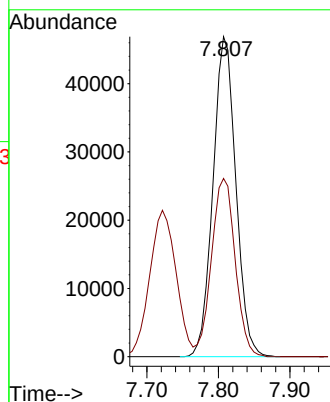
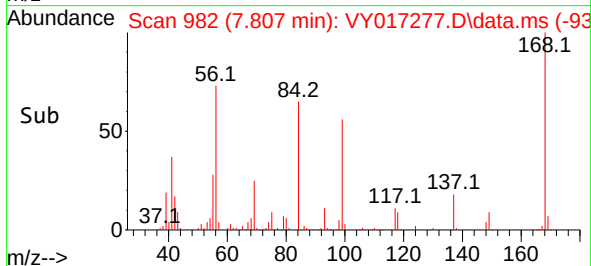
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion:168 Resp: 10410
Ion Ratio Lower Upper
168 100
99 55.7 44.2 66.4

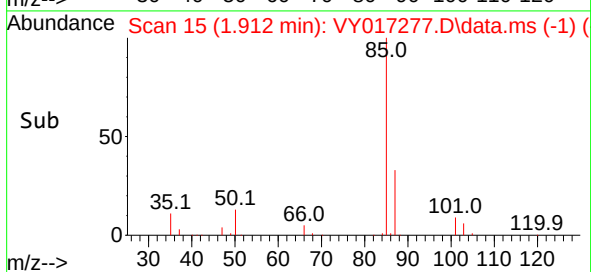
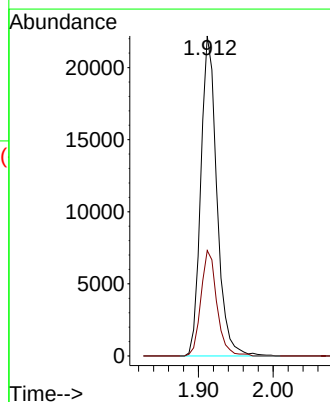
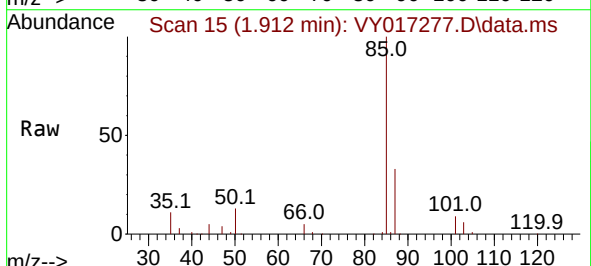
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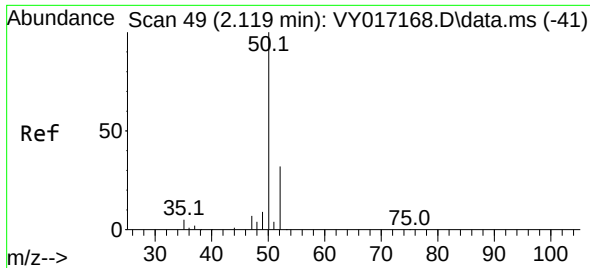
Reviewed By :Mahesh Dadoda 02/07/2024
Supervised By :Semsettin Yesilyurt 02/07/2024



#2
Dichlorodifluoromethane
Concen: 41.996 ug/l
RT: 1.912 min Scan# 15
Delta R.T. 0.006 min
Lab File: VY017277.D
Acq: 06 Feb 2024 20:09

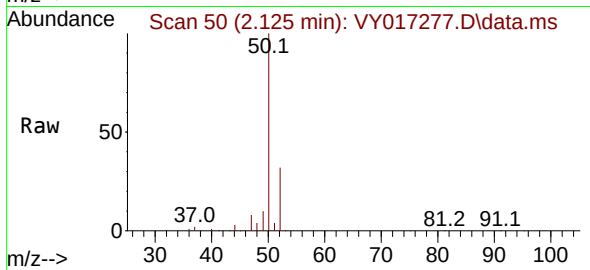
Tgt Ion: 85 Resp: 33142
Ion Ratio Lower Upper
85 100
87 33.0 17.1 51.3





#3
Chloromethane
Concen: 51.894 ug/l
RT: 2.125 min Scan# 50
Delta R.T. 0.006 min
Lab File: VY017277.D
Acq: 06 Feb 2024 20:09

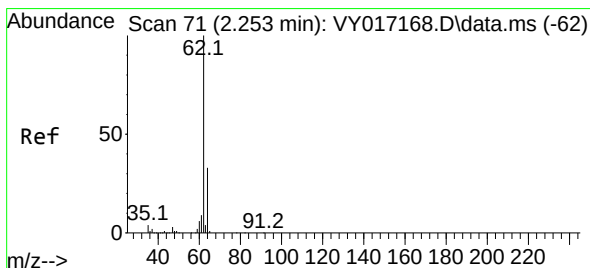
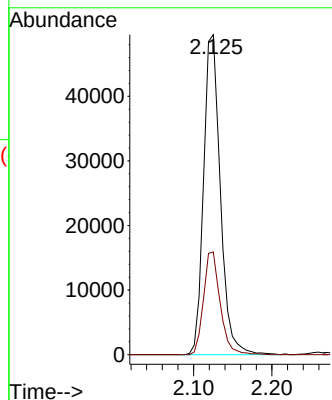
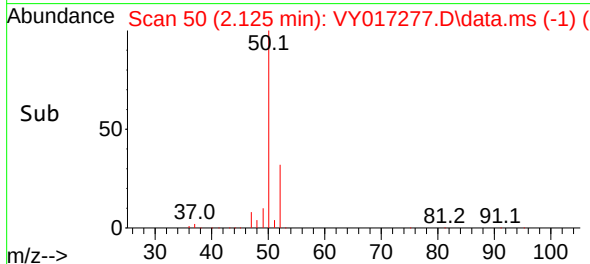
Instrument :
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Tgt Ion: 50 Resp: 73570
Ion Ratio Lower Upper
50 100
52 32.1 26.7 40.1

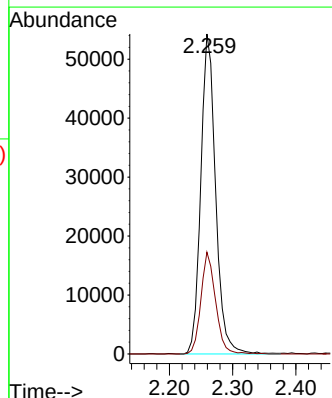
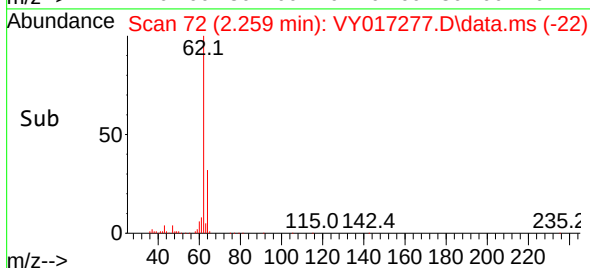
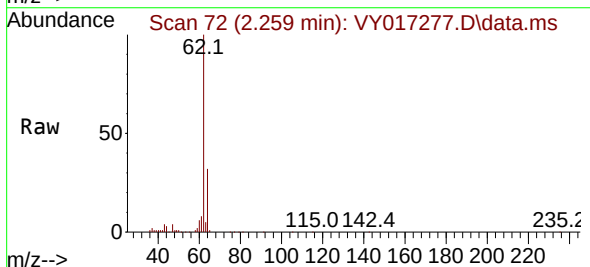
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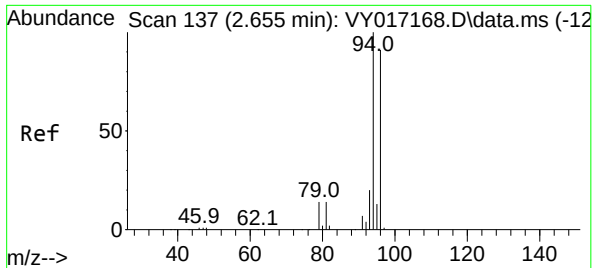
Reviewed By :Mahesh Dadoda 02/07/2024
Supervised By :Semsettin Yesilyurt 02/07/2024



#4
Vinyl Chloride
Concen: 51.333 ug/l
RT: 2.259 min Scan# 72
Delta R.T. 0.006 min
Lab File: VY017277.D
Acq: 06 Feb 2024 20:09

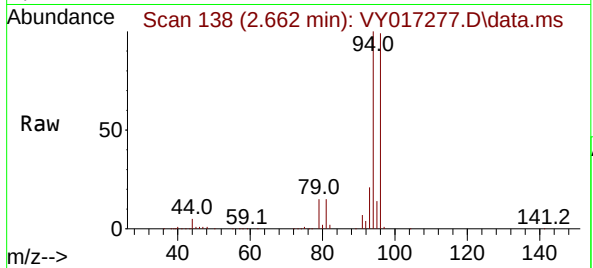
Tgt Ion: 62 Resp: 88684
Ion Ratio Lower Upper
62 100
64 31.8 25.7 38.5





#5
Bromomethane
Concen: 57.491 ug/l
RT: 2.662 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY017277.D
Acq: 06 Feb 2024 20:09

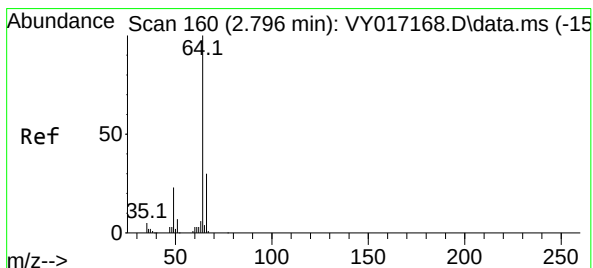
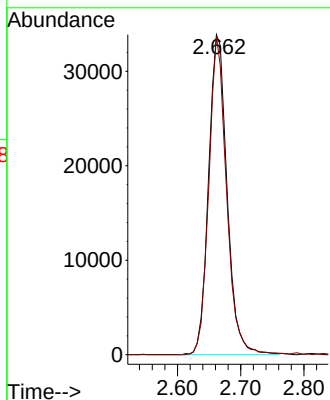
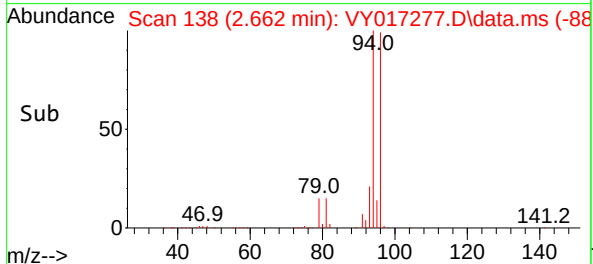
Instrument :
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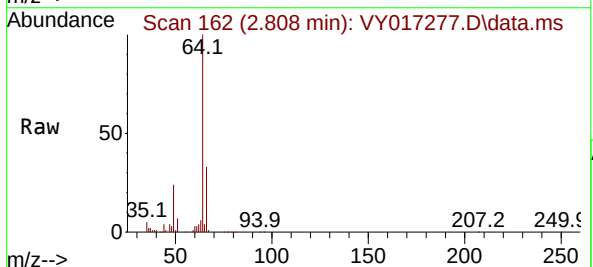
Tgt Ion: 94 Resp: 68849
Ion Ratio Lower Upper
94 100
96 99.5 77.3 115.9

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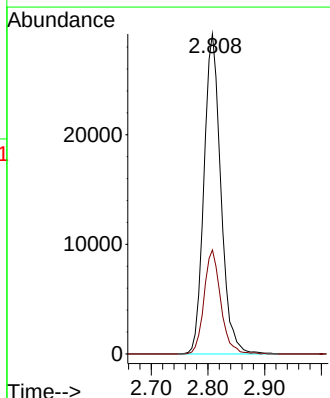
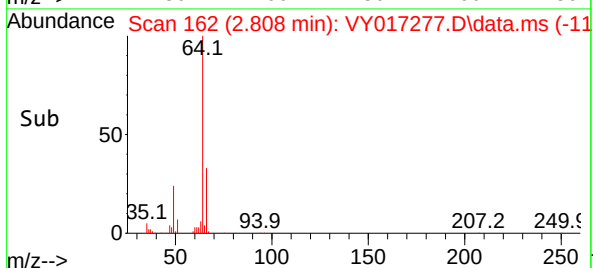
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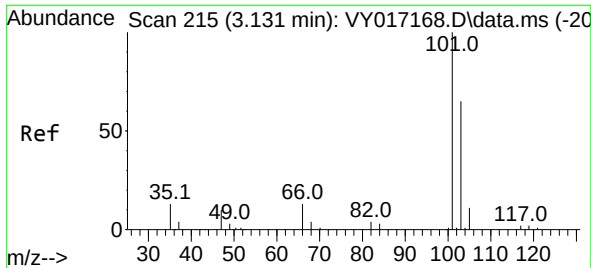


#6
Chloroethane
Concen: 54.074 ug/l
RT: 2.808 min Scan# 162
Delta R.T. 0.012 min
Lab File: VY017277.D
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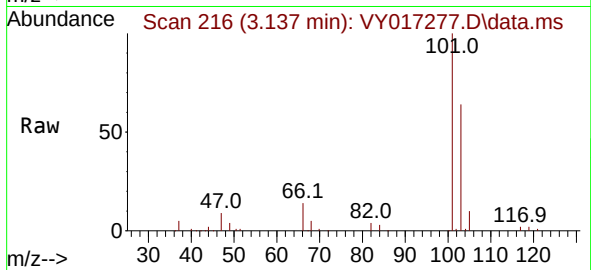
Tgt Ion: 64 Resp: 60319
Ion Ratio Lower Upper
64 100
66 32.5 25.1 37.7





#7
Trichlorofluoromethane
Concen: 46.253 ug/l
RT: 3.137 min Scan# 215
Delta R.T. 0.006 min
Lab File: VY017277.D
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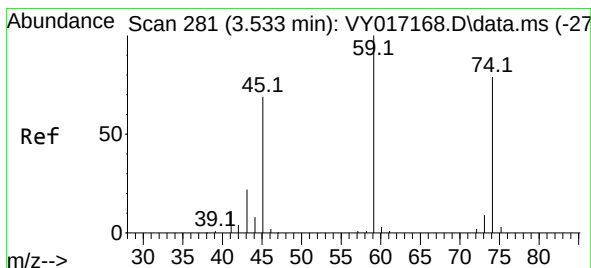
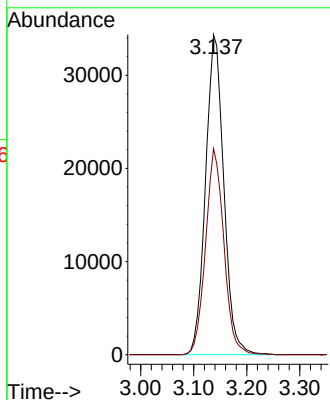
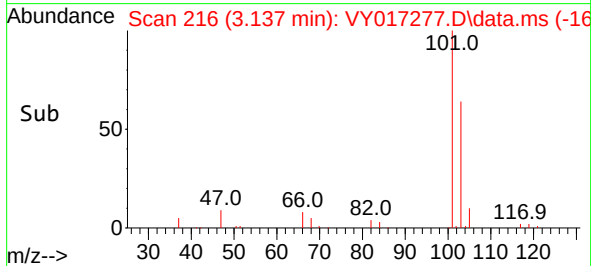
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ClientSampleId :
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Tgt Ion:101 Resp: 82169
Ion Ratio Lower Upper
101 100
103 64.4 51.9 77.9

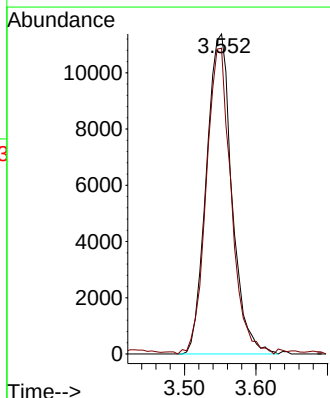
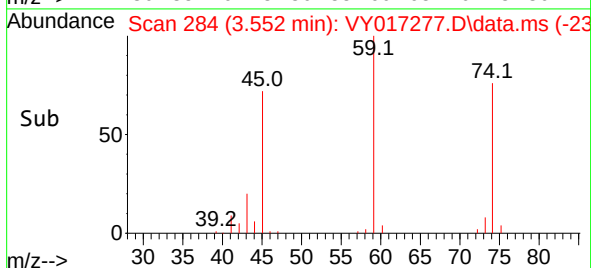
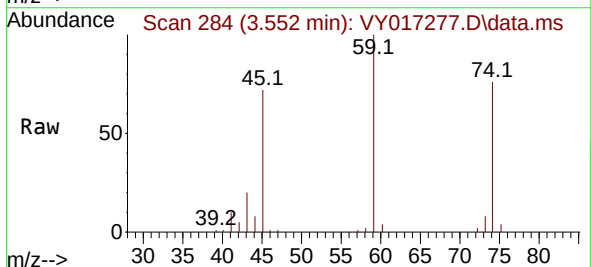
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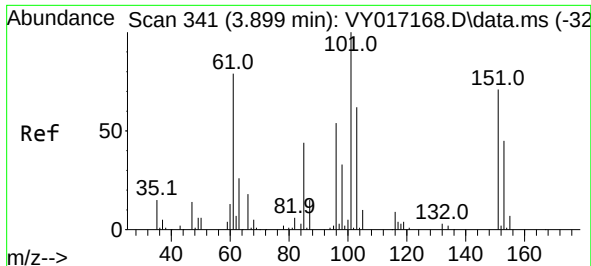
Reviewed By :Mahesh Dadoda 02/07/2024
Supervised By :Semsettin Yesilyurt 02/07/2024



#8
Diethyl Ether
Concen: 50.687 ug/l
RT: 3.552 min Scan# 284
Delta R.T. 0.018 min
Lab File: VY017277.D
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Tgt Ion: 74 Resp: 28324
Ion Ratio Lower Upper
74 100
45 93.2 47.9 143.7





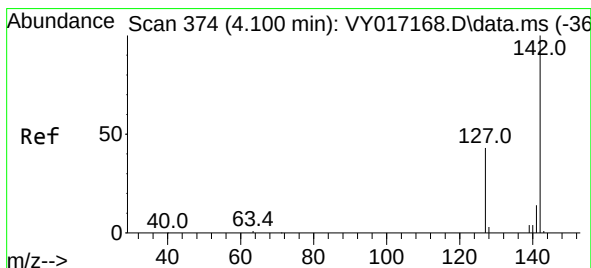
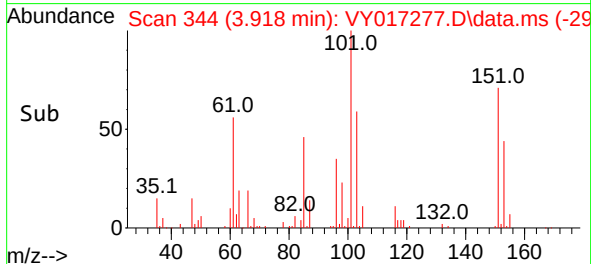
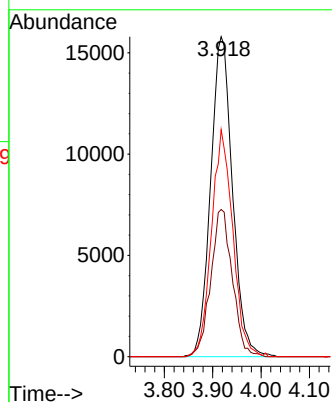
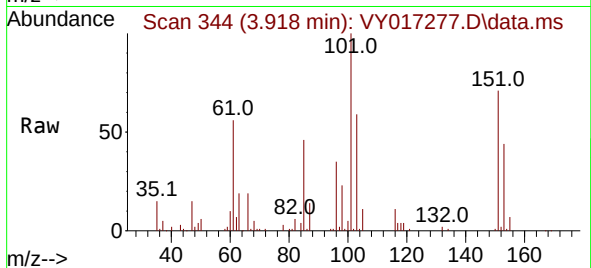
#9
1,1,2-Trichlorotrifluoroethane
Concen: 46.084 ug/l
RT: 3.918 min Scan# 341
Delta R.T. 0.018 min
Lab File: VY017277.D
Acq: 06 Feb 2024 20:09

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 49628
Ion Ratio Lower Upper
101 100
85 45.3 35.8 53.6
151 69.1 58.6 88.0

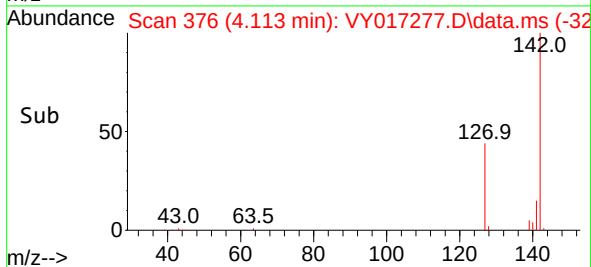
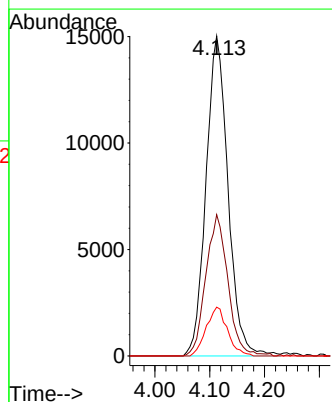
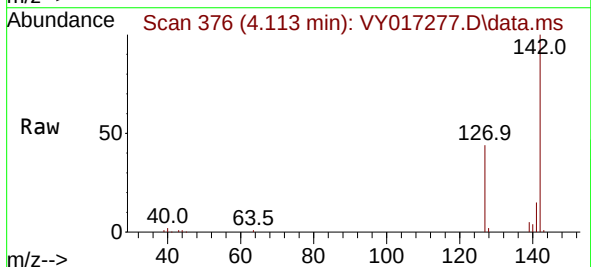
Manual Integrations
APPROVED

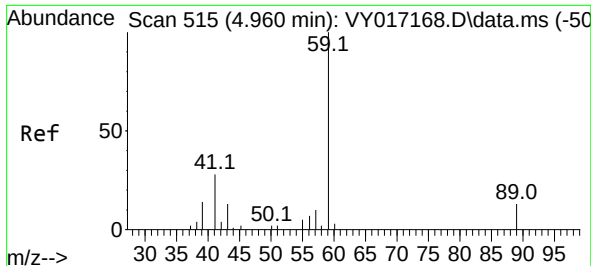
Reviewed By :Mahesh Dadoda 02/07/2024
Supervised By :Semsettin Yesilyurt 02/07/2024



#10
Methyl Iodide
Concen: 37.007 ug/l
RT: 4.113 min Scan# 376
Delta R.T. 0.012 min
Lab File: VY017277.D
Acq: 06 Feb 2024 20:09

Tgt Ion:142 Resp: 41897
Ion Ratio Lower Upper
142 100
127 44.2 35.1 52.7
141 14.7 11.8 17.6





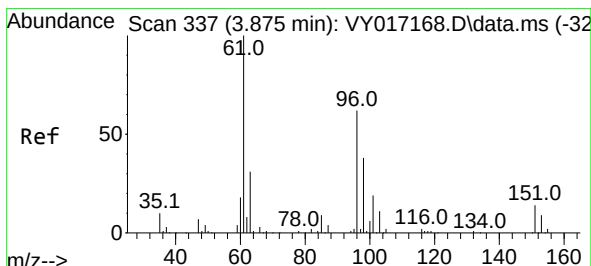
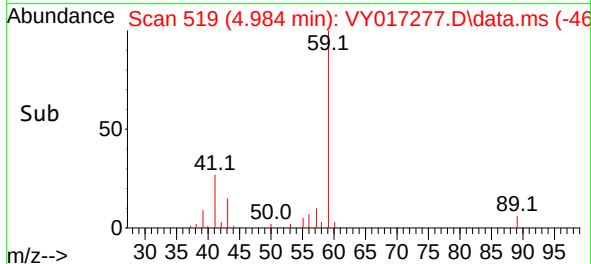
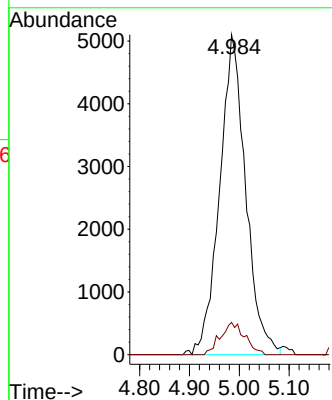
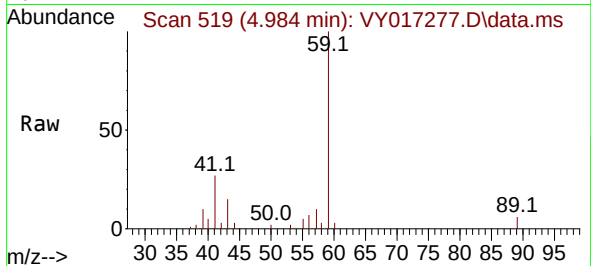
#11
Tert butyl alcohol
Concen: 235.974 ug/l
RT: 4.984 min Scan# 515
Delta R.T. 0.024 min
Lab File: VY017277.D
Acq: 06 Feb 2024 20:09

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 59 Resp: 1854
Ion Ratio Lower Upper
59 100
57 9.4 7.4 11.0

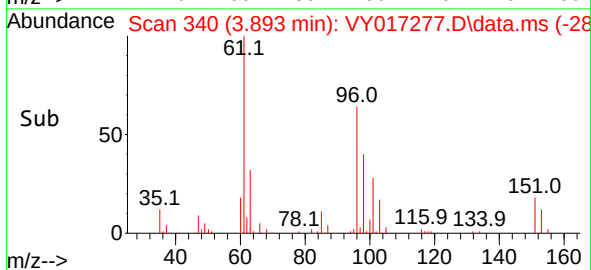
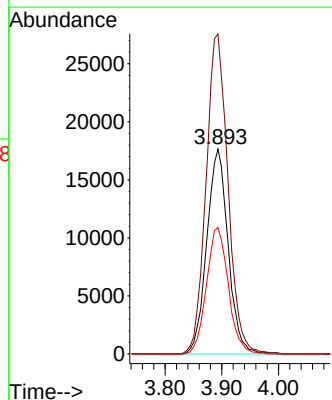
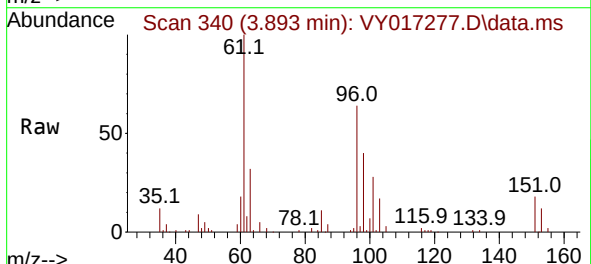
Manual Integrations
APPROVED

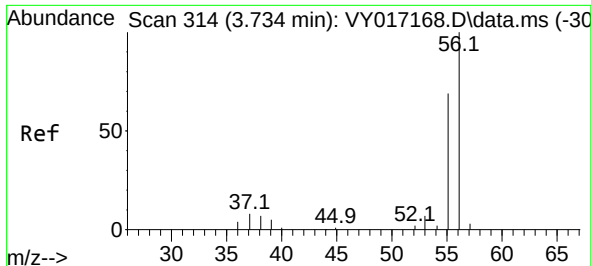
Reviewed By :Mahesh Dadoda 02/07/2024
Supervised By :Semsettin Yesilyurt 02/07/2024



#12
1,1-Dichloroethene
Concen: 45.763 ug/l
RT: 3.893 min Scan# 340
Delta R.T. 0.018 min
Lab File: VY017277.D
Acq: 06 Feb 2024 20:09

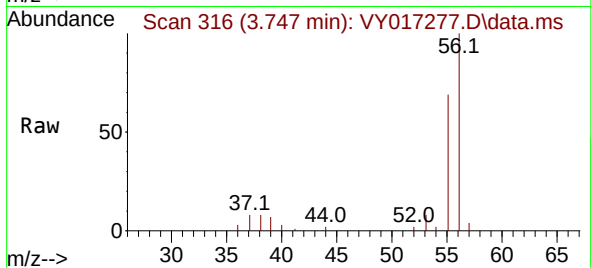
Tgt Ion: 96 Resp: 46178
Ion Ratio Lower Upper
96 100
61 156.3 124.2 186.2
98 61.8 52.6 79.0





#13
Acrolein
Concen: 237.076 ug/l
RT: 3.747 min Scan# 314
Delta R.T. 0.013 min
Lab File: VY017277.D
Acq: 06 Feb 2024 20:09

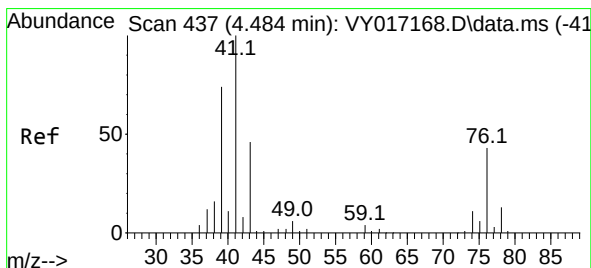
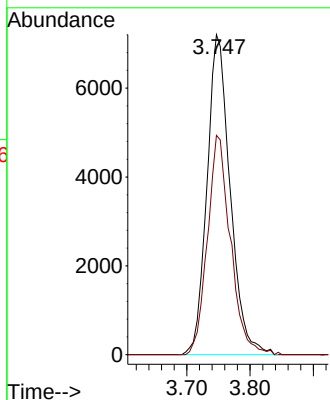
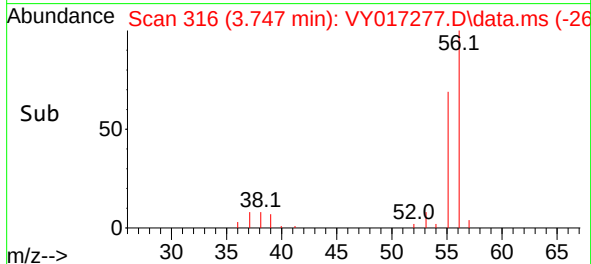
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 18315
Ion Ratio Lower Upper
56 100
55 68.3 55.4 83.0

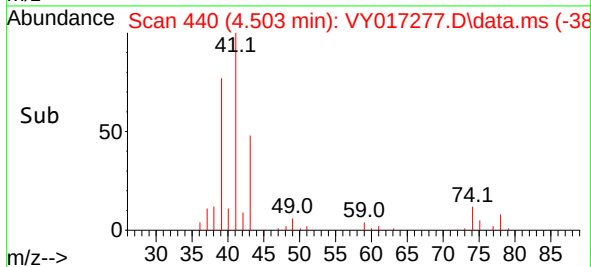
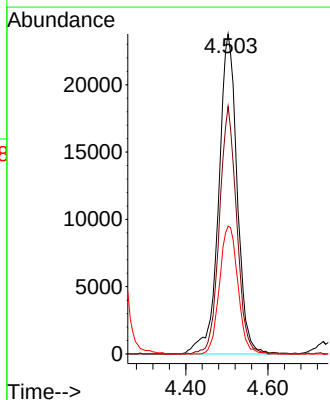
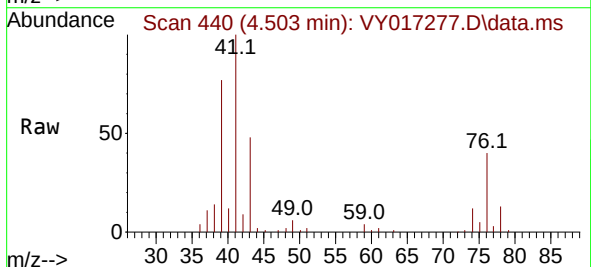
Manual Integrations
APPROVED

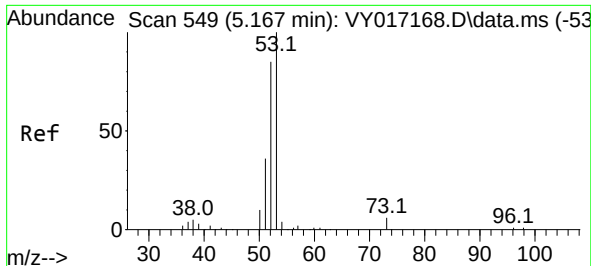
Reviewed By :Mahesh Dadoda 02/07/2024
Supervised By :Semsettin Yesilyurt 02/07/2024



#14
Allyl chloride
Concen: 48.524 ug/l
RT: 4.503 min Scan# 440
Delta R.T. 0.018 min
Lab File: VY017277.D
Acq: 06 Feb 2024 20:09

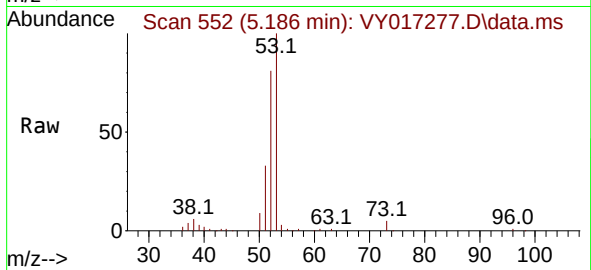
Tgt Ion: 41 Resp: 74023
Ion Ratio Lower Upper
41 100
39 72.5 54.7 82.1
76 39.7 31.8 47.6





#15
Acrylonitrile
Concen: 247.778 ug/l
RT: 5.186 min Scan# 51
Delta R.T. 0.018 min
Lab File: VY017277.D
Acq: 06 Feb 2024 20:09

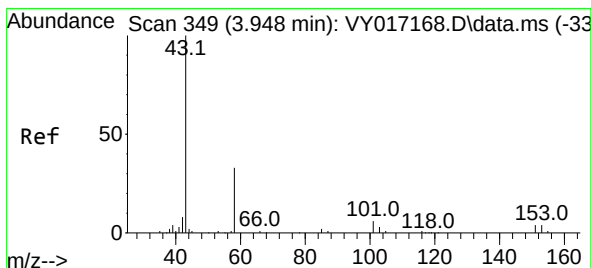
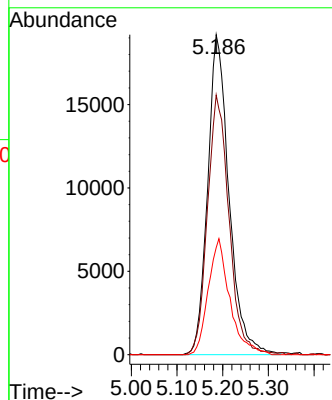
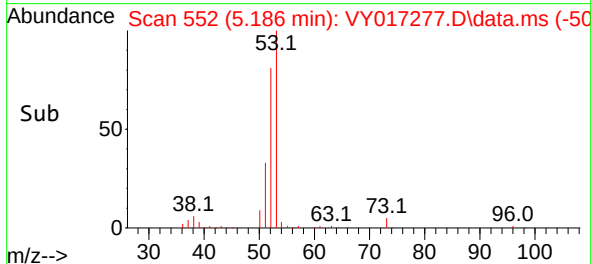
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 62340
Ion Ratio Lower Upper
53 100
52 81.8 65.1 97.7
51 36.6 29.0 43.4

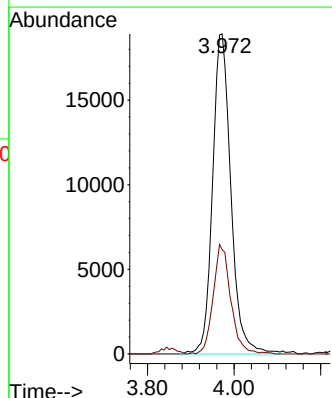
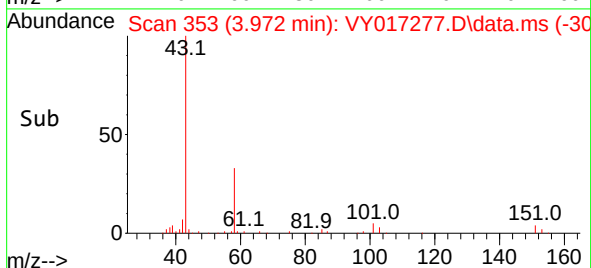
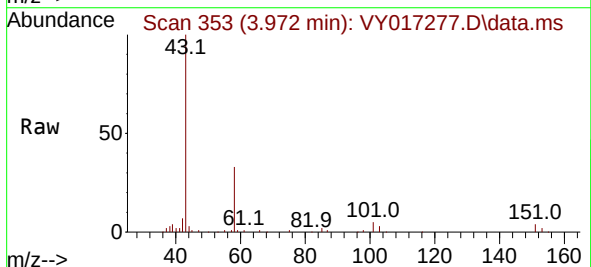
Manual Integrations
APPROVED

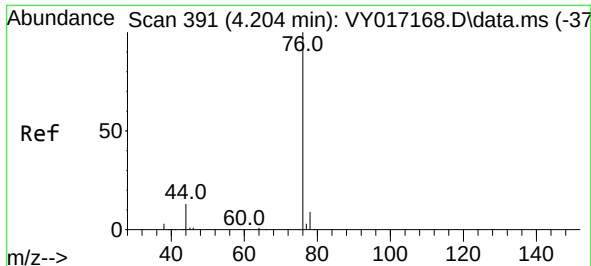
Reviewed By :Mahesh Dadoda 02/07/2024
Supervised By :Semsettin Yesilyurt 02/07/2024



#16
Acetone
Concen: 203.525 ug/l
RT: 3.972 min Scan# 353
Delta R.T. 0.025 min
Lab File: VY017277.D
Acq: 06 Feb 2024 20:09

Tgt Ion: 43 Resp: 55630
Ion Ratio Lower Upper
43 100
58 32.6 26.6 39.8





#17

Carbon Disulfide

Concen: 43.032 ug/l

RT: 4.216 min Scan# 391

Delta R.T. 0.012 min

Lab File: VY017277.D

Acq: 06 Feb 2024 20:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 13861

Ion Ratio Lower Upper

76 100

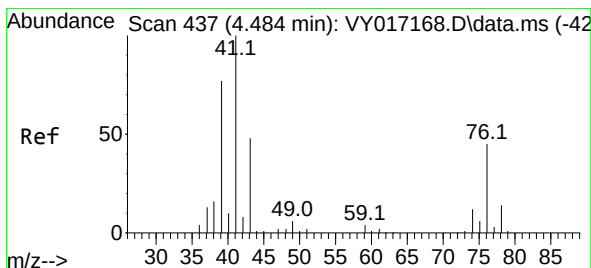
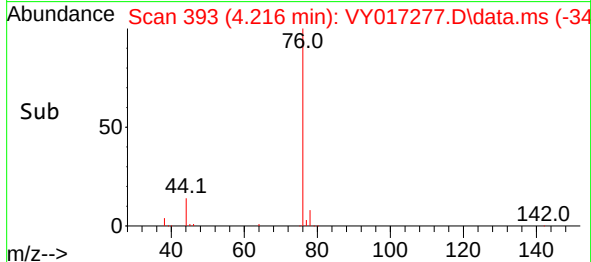
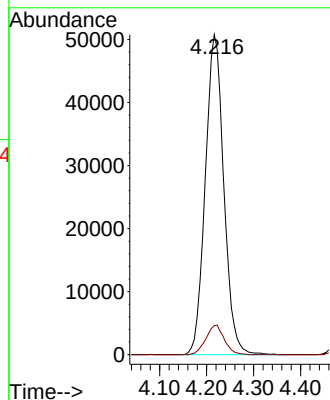
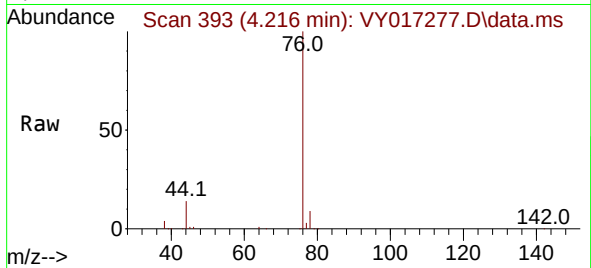
78 9.1 7.4 11.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/07/2024

Supervised By :Semsettin Yesilyurt 02/07/2024



#18

Methyl Acetate

Concen: 56.619 ug/l

RT: 4.503 min Scan# 440

Delta R.T. 0.018 min

Lab File: VY017277.D

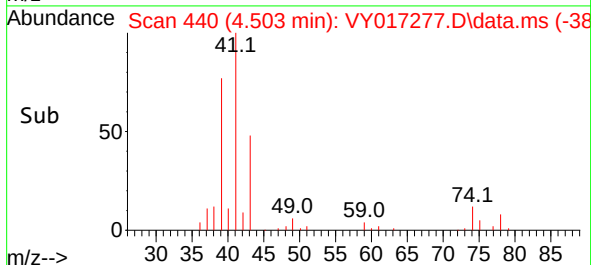
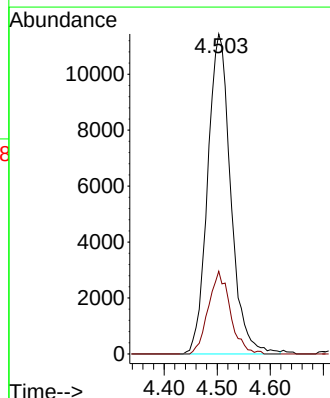
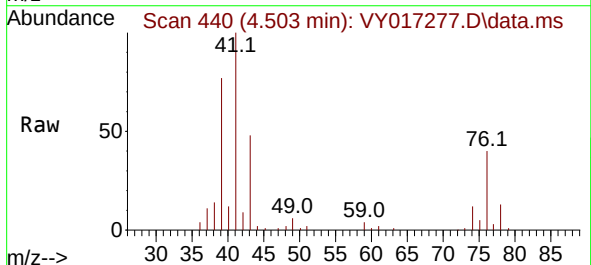
Acq: 06 Feb 2024 20:09

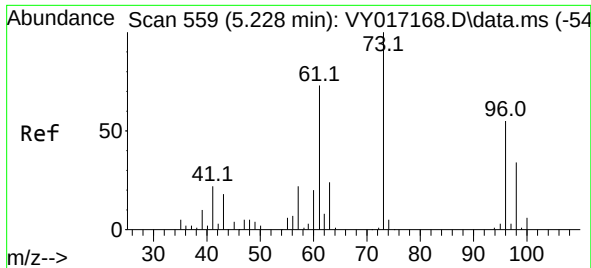
Tgt Ion: 43 Resp: 34524

Ion Ratio Lower Upper

43 100

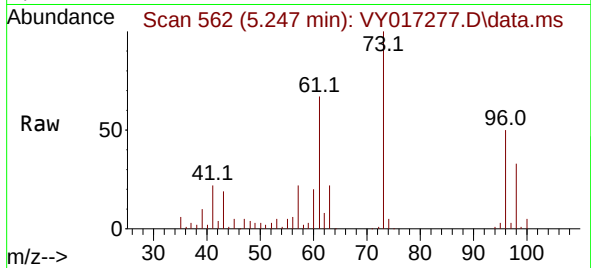
74 24.6 19.8 29.6





#19
Methyl tert-butyl Ether
Concen: 51.056 ug/l
RT: 5.247 min Scan# 51
Delta R.T. 0.018 min
Lab File: VY017277.D
Acq: 06 Feb 2024 20:09

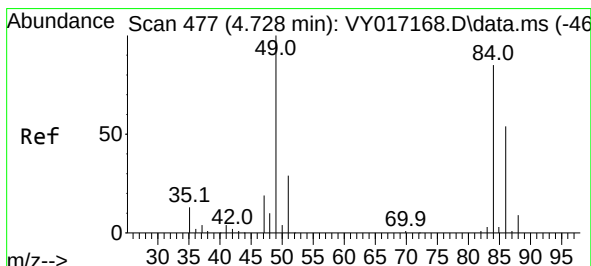
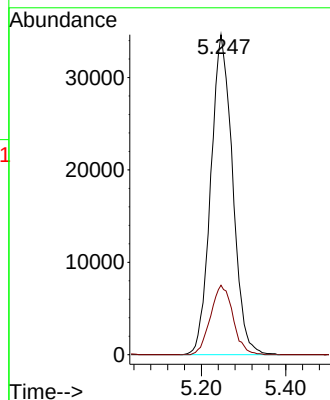
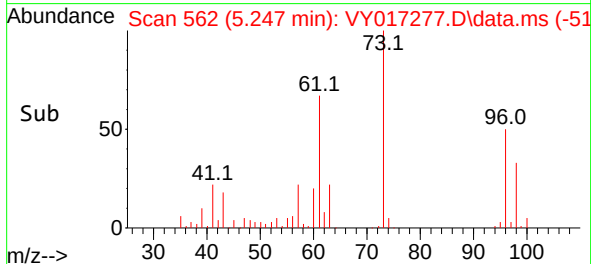
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 73 Resp: 12407
Ion Ratio Lower Upper
73 100
57 21.7 17.7 26.5

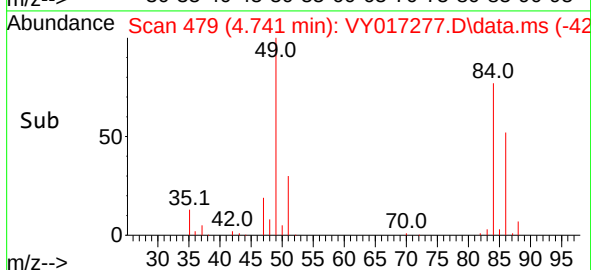
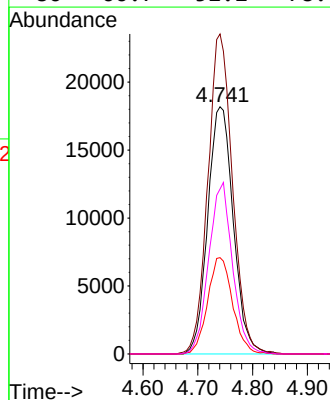
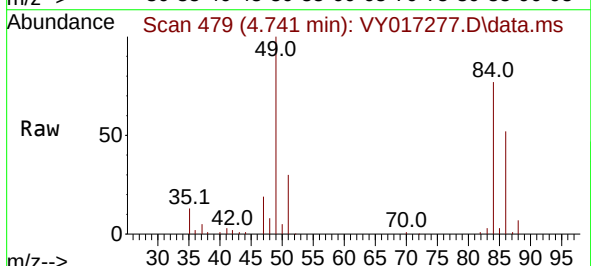
Manual Integrations
APPROVED

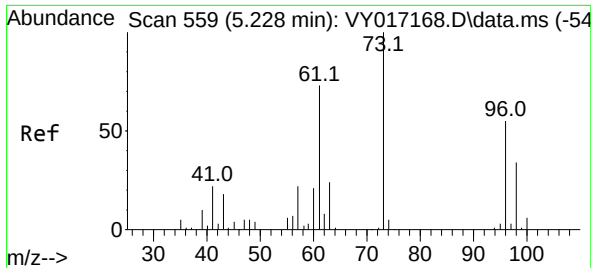
Reviewed By :Mahesh Dadoda 02/07/2024
Supervised By :Semsettin Yesilyurt 02/07/2024



#20
Methylene Chloride
Concen: 52.775 ug/l
RT: 4.741 min Scan# 479
Delta R.T. 0.013 min
Lab File: VY017277.D
Acq: 06 Feb 2024 20:09

Tgt Ion: 84 Resp: 58862
Ion Ratio Lower Upper
84 100
49 129.1 95.2 142.8
51 39.0 29.9 44.9
86 66.7 52.2 78.4





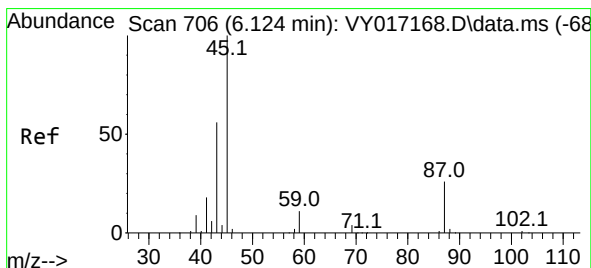
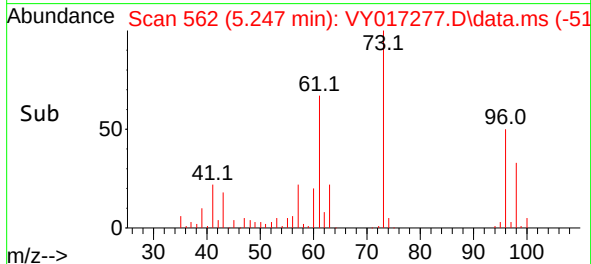
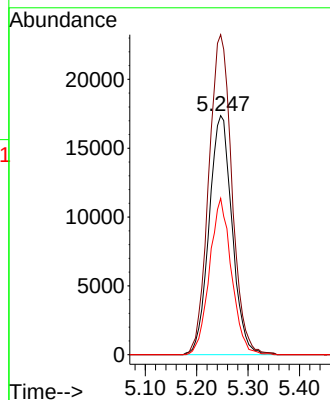
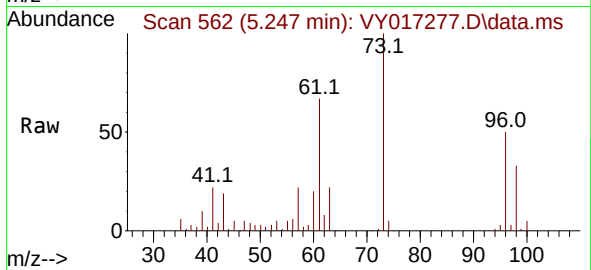
#21
trans-1,2-Dichloroethene
Concen: 47.027 ug/l
RT: 5.247 min Scan# 51
Delta R.T. 0.018 min
Lab File: VY017277.D
Acq: 06 Feb 2024 20:09

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 96 Resp: 5398
Ion Ratio Lower Upper
96 100
61 133.9 104.6 156.8
98 65.4 50.9 76.3

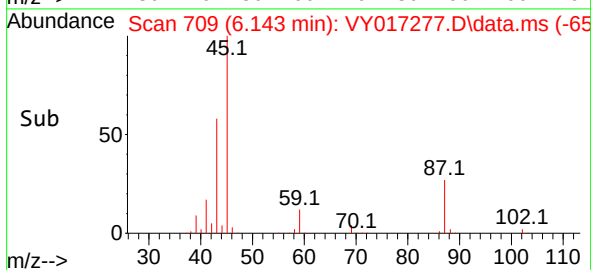
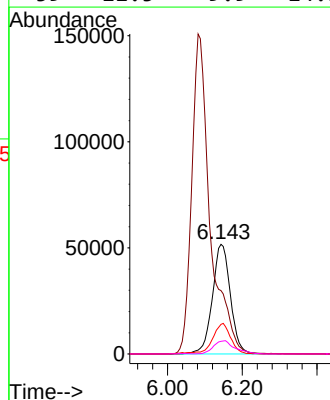
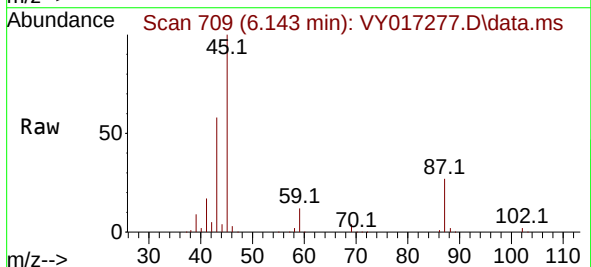
Manual Integrations
APPROVED

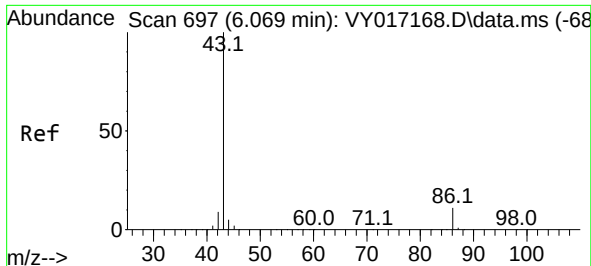
Reviewed By :Mahesh Dadoda 02/07/2024
Supervised By :Semsettin Yesilyurt 02/07/2024



#22
Diisopropyl ether
Concen: 51.685 ug/l
RT: 6.143 min Scan# 709
Delta R.T. 0.018 min
Lab File: VY017277.D
Acq: 06 Feb 2024 20:09

Tgt Ion: 45 Resp: 173144
Ion Ratio Lower Upper
45 100
43 57.5 46.8 70.2
87 27.1 22.2 33.2
59 11.5 9.9 14.9





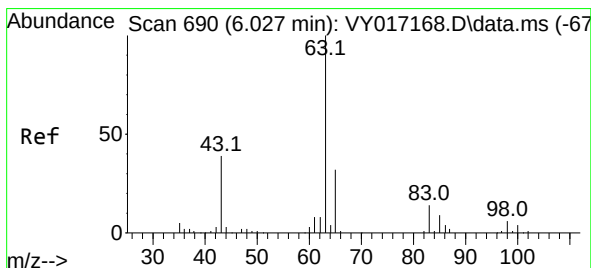
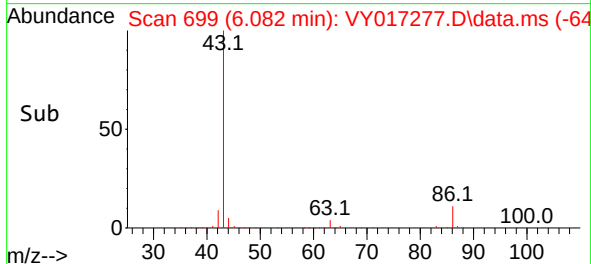
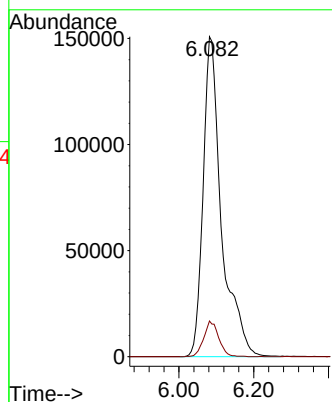
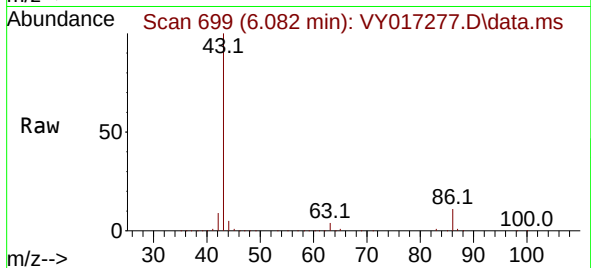
#23
 Vinyl Acetate
 Concen: 253.518 ug/l
 RT: 6.082 min Scan# 699
 Delta R.T. 0.012 min
 Lab File: VY017277.D
 Acq: 06 Feb 2024 20:09

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 43 Resp: 51460
 Ion Ratio Lower Upper
 43 100
 86 11.2 8.6 13.0

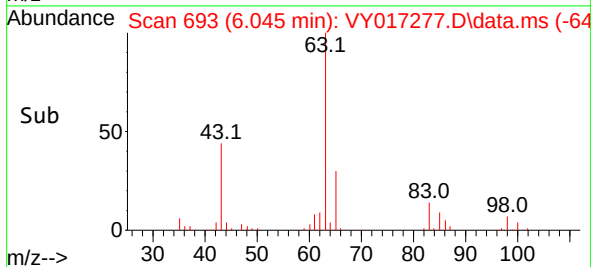
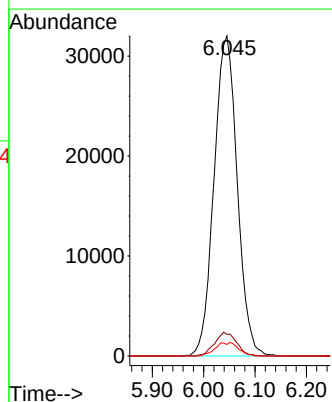
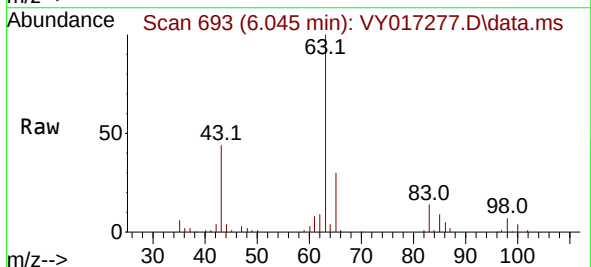
Manual Integrations
 APPROVED

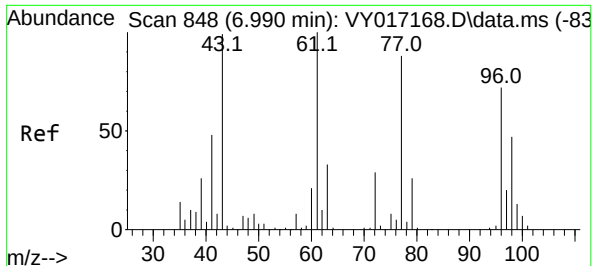
Reviewed By :Mahesh Dadoda 02/07/2024
 Supervised By :Semsettin Yesilyurt 02/07/2024



#24
 1,1-Dichloroethane
 Concen: 48.918 ug/l
 RT: 6.045 min Scan# 693
 Delta R.T. 0.018 min
 Lab File: VY017277.D
 Acq: 06 Feb 2024 20:09

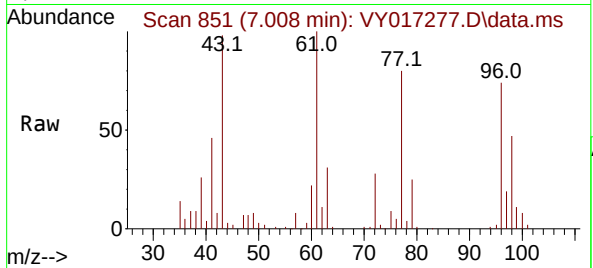
Tgt Ion: 63 Resp: 100389
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.8 11.4
 100 3.6 2.1 6.2





#25
2-Butanone
Concen: 230.800 ug/l
RT: 7.008 min Scan# 81
Delta R.T. 0.018 min
Lab File: VY017277.D
Acq: 06 Feb 2024 20:09

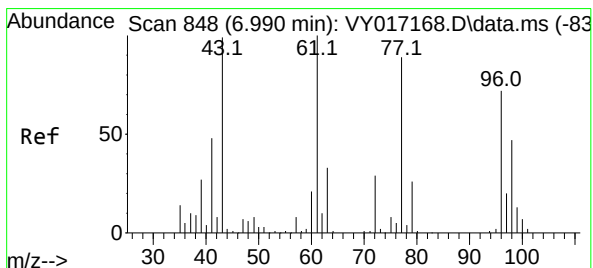
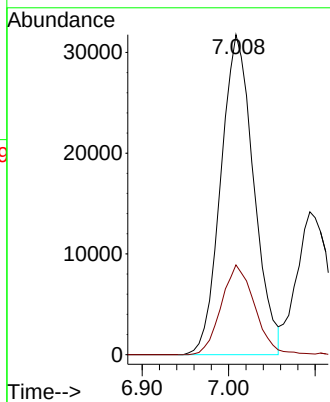
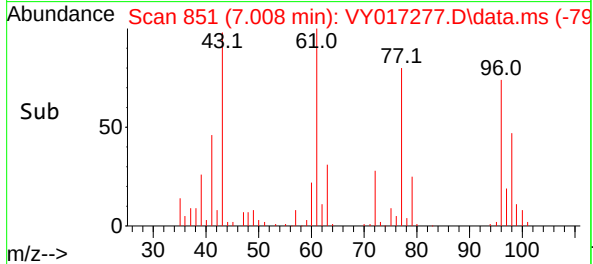
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 83864
Ion Ratio Lower Upper
43 100
72 28.1 21.4 32.2

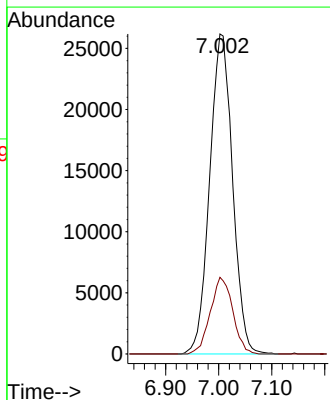
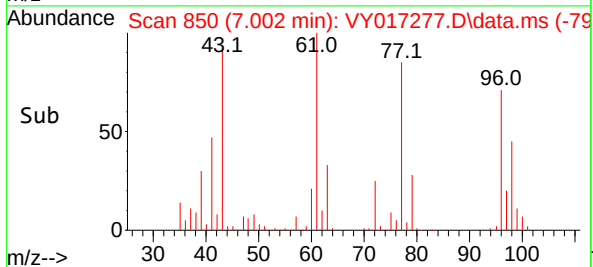
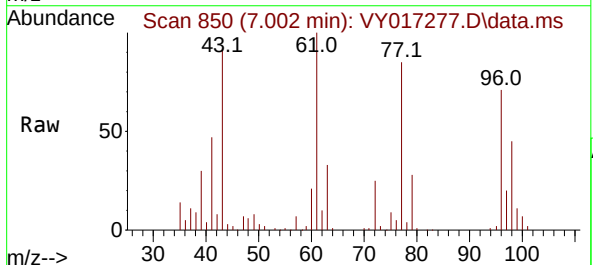
Manual Integrations
APPROVED

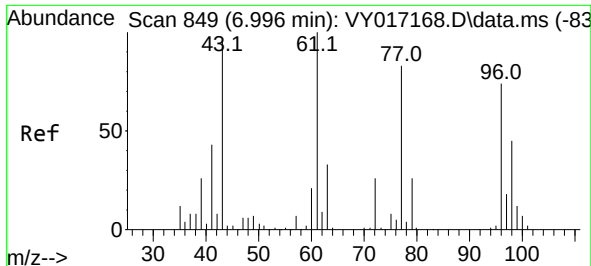
Reviewed By :Mahesh Dadoda 02/07/2024
Supervised By :Semsettin Yesilyurt 02/07/2024



#26
2,2-Dichloropropane
Concen: 45.901 ug/l
RT: 7.002 min Scan# 850
Delta R.T. 0.012 min
Lab File: VY017277.D
Acq: 06 Feb 2024 20:09

Tgt Ion: 77 Resp: 78352
Ion Ratio Lower Upper
77 100
97 23.5 11.7 35.0





#27

cis-1,2-Dichloroethene

Concen: 49.367 ug/l

RT: 7.008 min Scan# 81

Delta R.T. 0.012 min

Lab File: VY017277.D

Acq: 06 Feb 2024 20:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 96 Resp: 6338

Ion Ratio Lower Upper

96 100

61 139.7 0.0 278.8

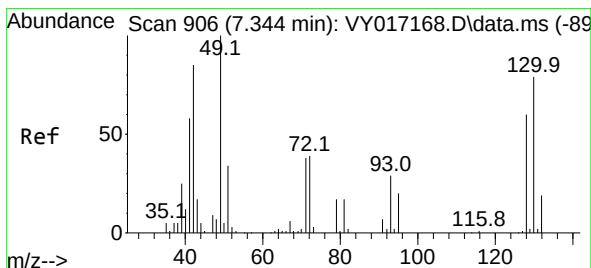
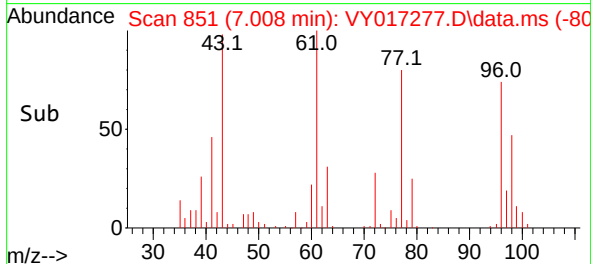
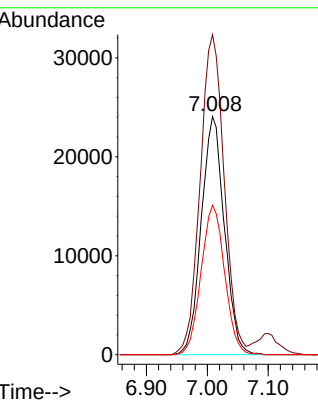
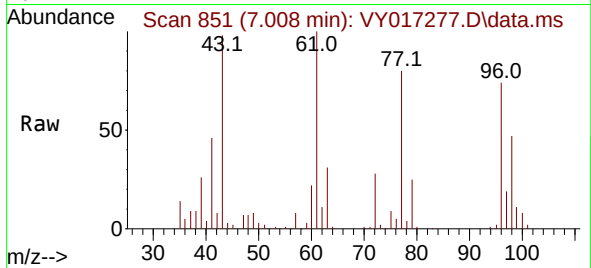
98 63.9 0.0 127.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/07/2024

Supervised By :Semsettin Yesilyurt 02/07/2024



#28

Bromochloromethane

Concen: 50.942 ug/l

RT: 7.356 min Scan# 908

Delta R.T. 0.012 min

Lab File: VY017277.D

Acq: 06 Feb 2024 20:09

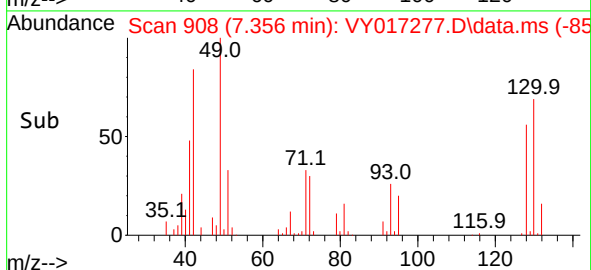
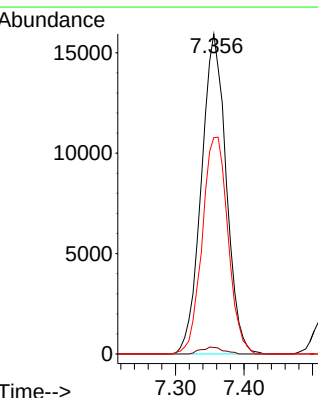
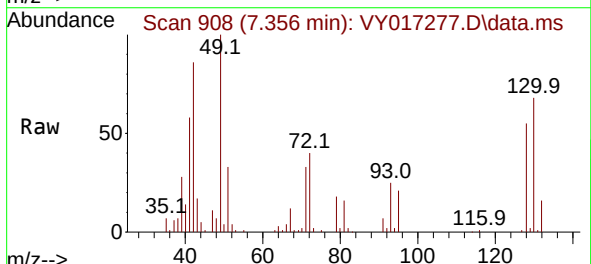
Tgt Ion: 49 Resp: 40029

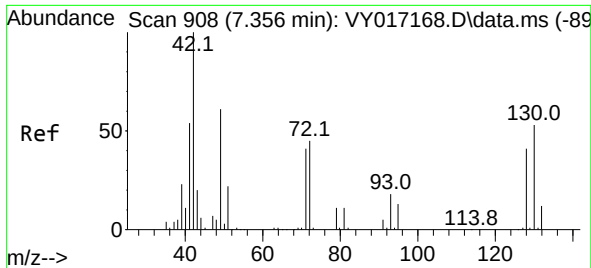
Ion Ratio Lower Upper

49 100

129 1.9 0.0 3.8

130 70.2 59.8 89.8





#29

Tetrahydrofuran

Concen: 255.455 ug/l

RT: 7.374 min Scan# 911

Delta R.T. 0.018 min

Lab File: VY017277.D

Acq: 06 Feb 2024 20:09

Instrument :

MSVOA_Y

ClientSampleId :

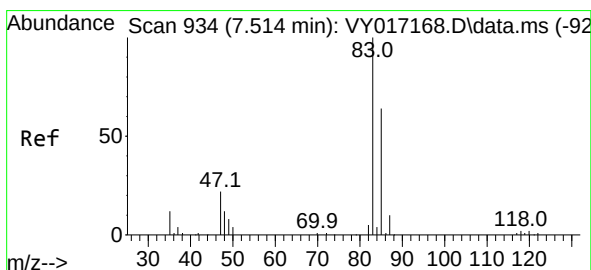
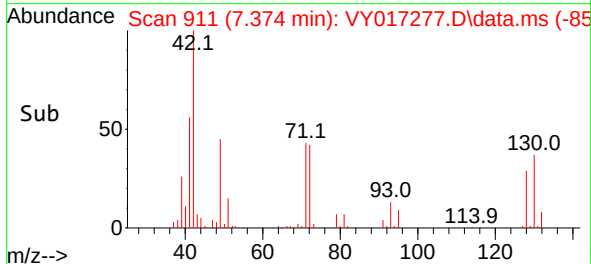
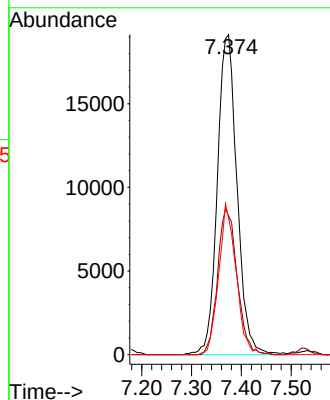
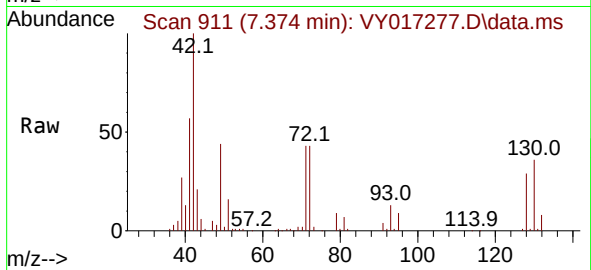
VSTDCCC050EC

Tgt Ion: 42	Resp: 5243
Ion Ratio	Lower Upper
42	100
72	45.3 36.6 54.8
71	41.8 33.8 50.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/07/2024
Supervised By :Semsettin Yesilyurt 02/07/2024



#30

Chloroform

Concen: 49.565 ug/l

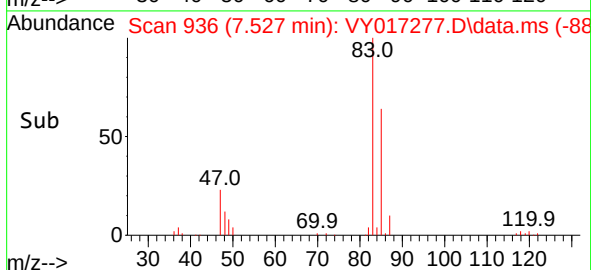
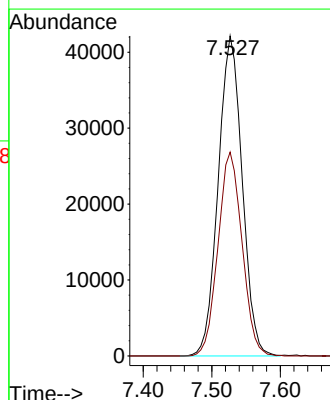
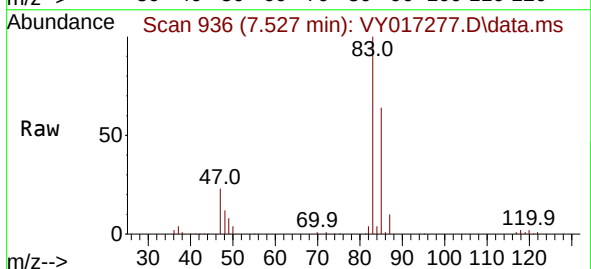
RT: 7.527 min Scan# 936

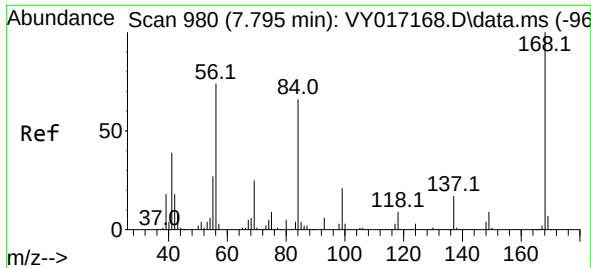
Delta R.T. 0.012 min

Lab File: VY017277.D

Acq: 06 Feb 2024 20:09

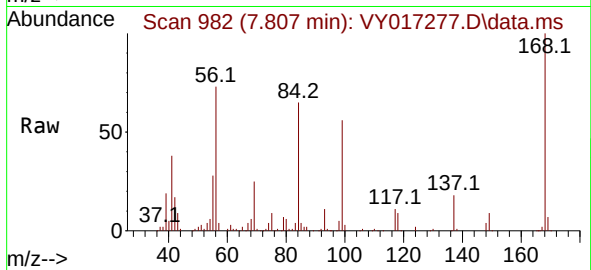
Tgt Ion: 83	Resp: 102325
Ion Ratio	Lower Upper
83	100
85	63.7 51.2 76.8





#31
Cyclohexane
Concen: 44.917 ug/l
RT: 7.807 min Scan# 982
Delta R.T. 0.012 min
Lab File: VY017277.D
Acq: 06 Feb 2024 20:09

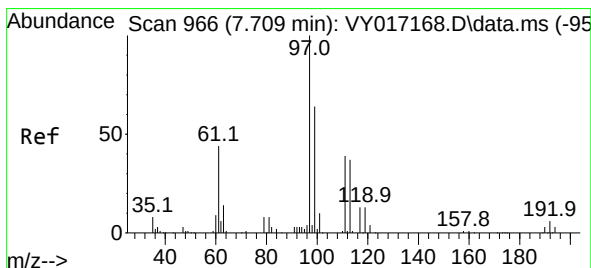
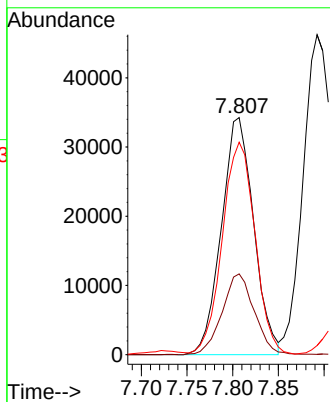
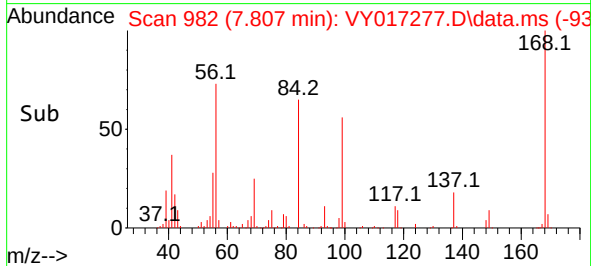
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 84190
Ion Ratio Lower Upper
56 100
69 34.1 27.0 40.6
84 88.5 71.8 107.6

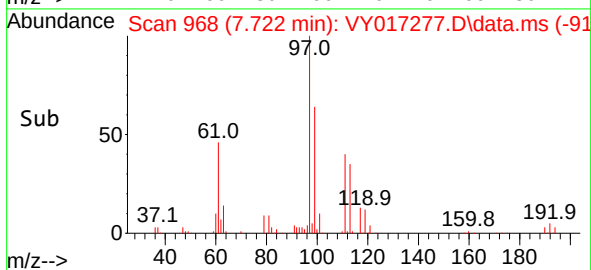
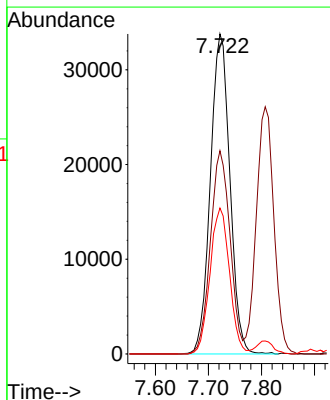
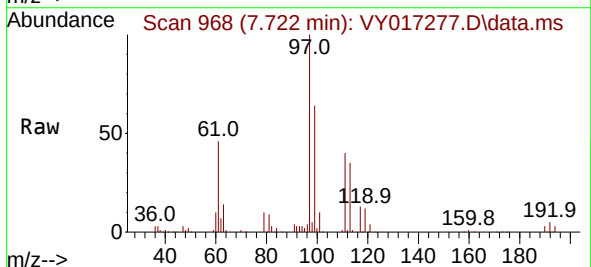
Manual Integrations
APPROVED

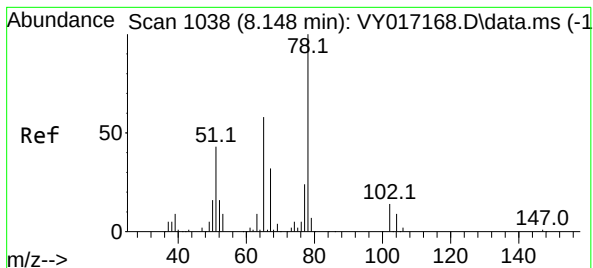
Reviewed By :Mahesh Dadoda 02/07/2024
Supervised By :Semsettin Yesilyurt 02/07/2024



#32
1,1,1-Trichloroethane
Concen: 48.613 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.012 min
Lab File: VY017277.D
Acq: 06 Feb 2024 20:09

Tgt Ion: 97 Resp: 86325
Ion Ratio Lower Upper
97 100
99 63.9 51.2 76.8
61 45.7 35.0 52.6





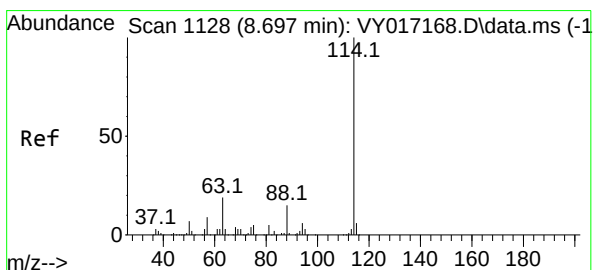
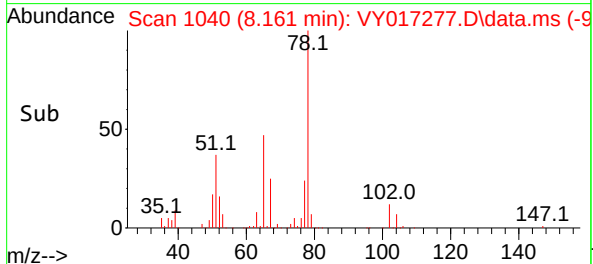
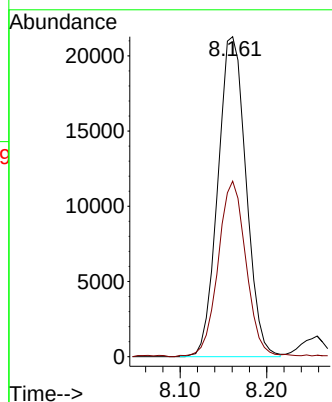
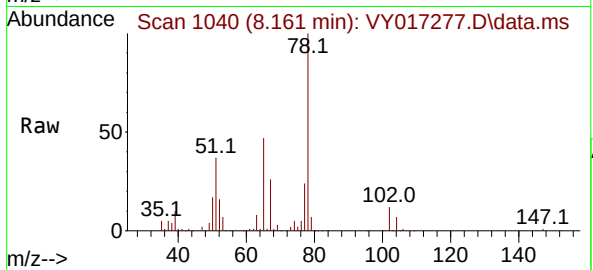
#33
1,2-Dichloroethane-d4
Concen: 51.662 ug/l
RT: 8.161 min Scan# 1109
Delta R.T. 0.012 min
Lab File: VY017277.D
Acq: 06 Feb 2024 20:09

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 65 Resp: 4804
Ion Ratio Lower Upper
65 100
67 54.4 0.0 109.0

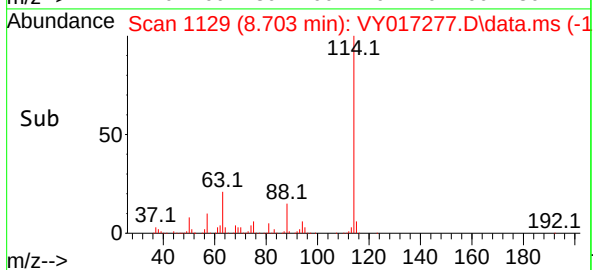
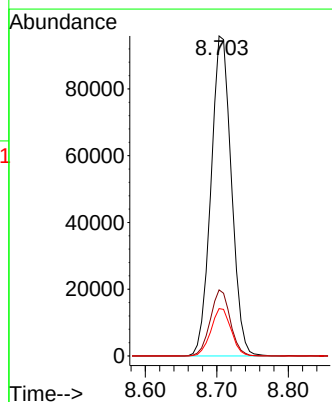
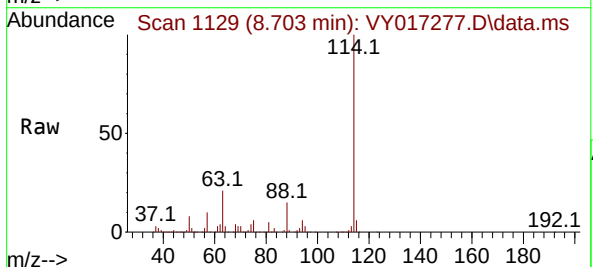
Manual Integrations
APPROVED

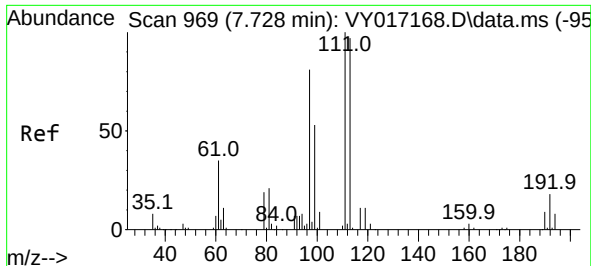
Reviewed By :Mahesh Dadoda 02/07/2024
Supervised By :Semsettin Yesilyurt 02/07/2024



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.703 min Scan# 1129
Delta R.T. 0.006 min
Lab File: VY017277.D
Acq: 06 Feb 2024 20:09

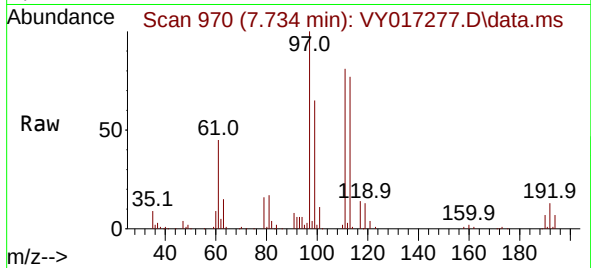
Tgt Ion:114 Resp: 190059
Ion Ratio Lower Upper
114 100
63 20.7 0.0 37.4
88 14.8 0.0 29.0





#35
Dibromofluoromethane
Concen: 46.069 ug/l
RT: 7.734 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY017277.D
Acq: 06 Feb 2024 20:09

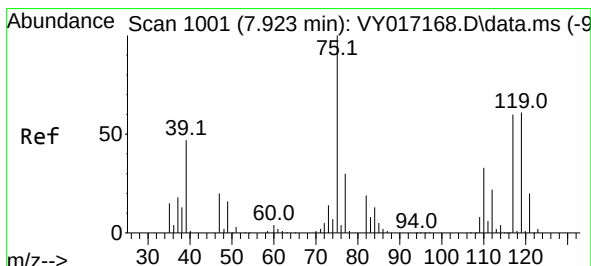
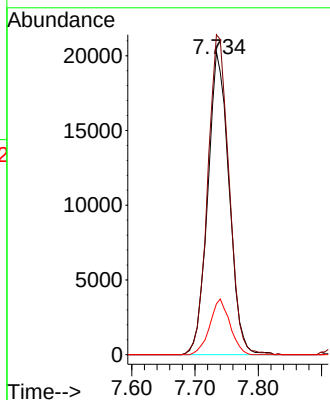
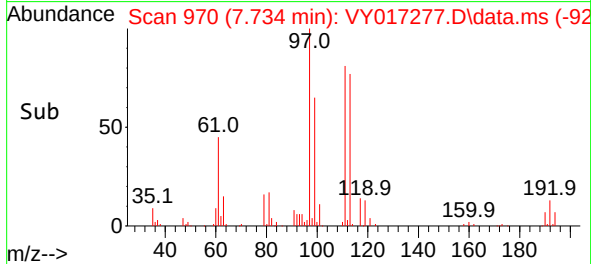
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion:113 Resp: 47270
Ion Ratio Lower Upper
113 100
111 105.8 83.8 125.6
192 17.4 14.5 21.7

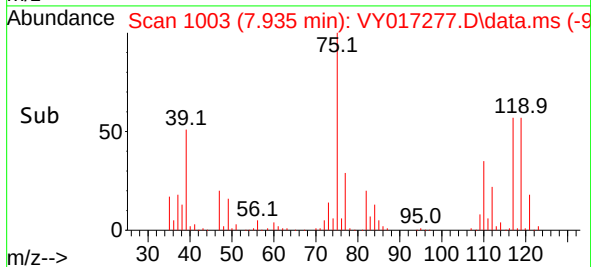
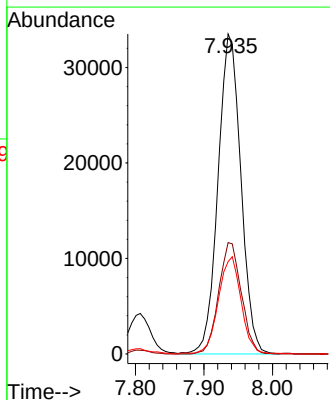
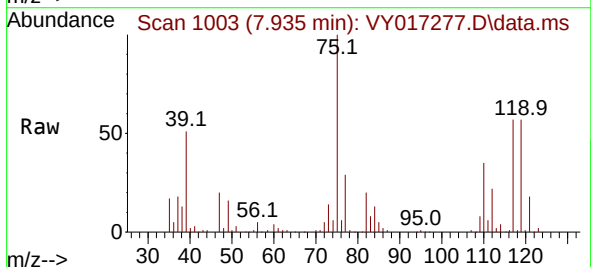
Manual Integrations
APPROVED

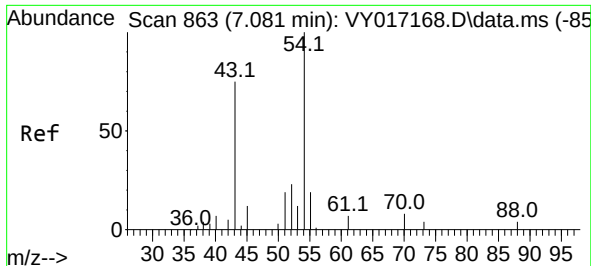
Reviewed By :Mahesh Dadoda 02/07/2024
Supervised By :Semsettin Yesilyurt 02/07/2024



#36
1,1-Dichloropropene
Concen: 43.863 ug/l
RT: 7.935 min Scan# 1003
Delta R.T. 0.012 min
Lab File: VY017277.D
Acq: 06 Feb 2024 20:09

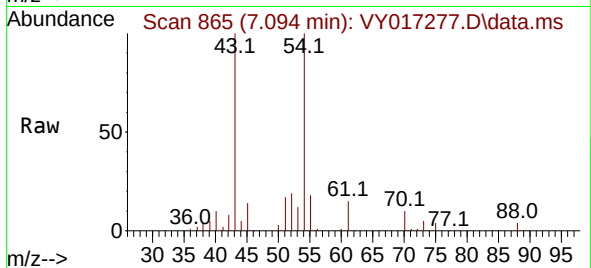
Tgt Ion: 75 Resp: 77643
Ion Ratio Lower Upper
75 100
110 34.4 17.4 52.3
77 30.4 24.7 37.1





#37
Ethyl Acetate
Concen: 46.252 ug/l
RT: 7.094 min Scan# 80
Delta R.T. 0.012 min
Lab File: VY017277.D
Acq: 06 Feb 2024 20:09

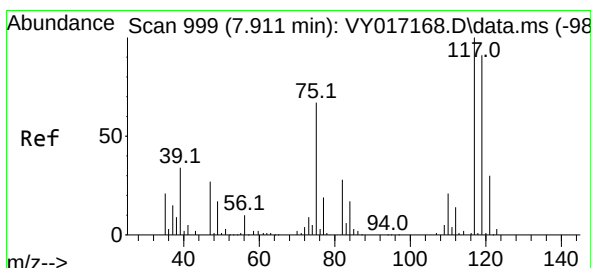
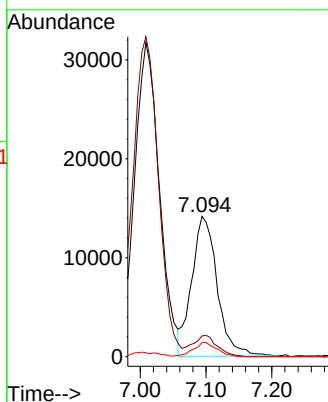
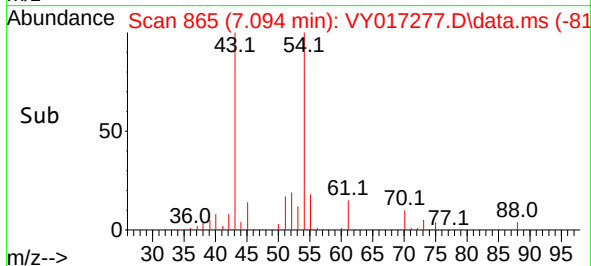
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 3797
Ion Ratio Lower Upper
43 100
61 14.0 11.0 16.6
70 9.3 8.1 12.1

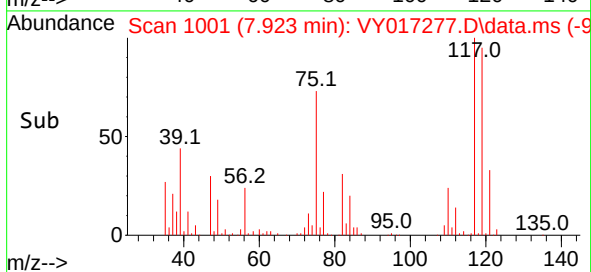
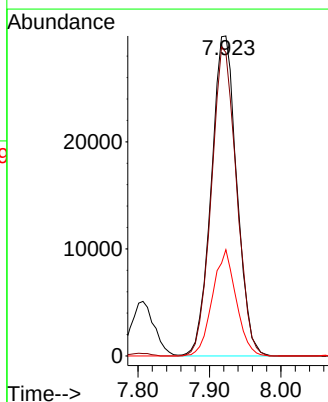
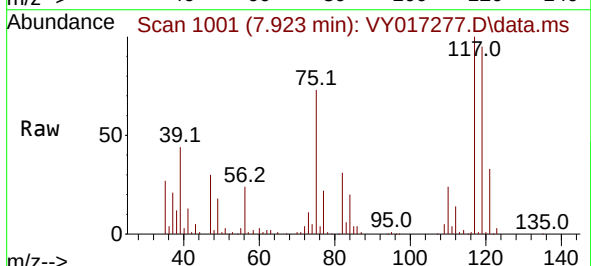
Manual Integrations
APPROVED

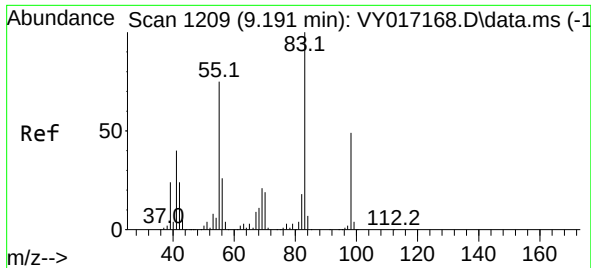
Reviewed By :Mahesh Dadoda 02/07/2024
Supervised By :Semsettin Yesilyurt 02/07/2024



#38
Carbon Tetrachloride
Concen: 43.710 ug/l
RT: 7.923 min Scan# 1001
Delta R.T. 0.012 min
Lab File: VY017277.D
Acq: 06 Feb 2024 20:09

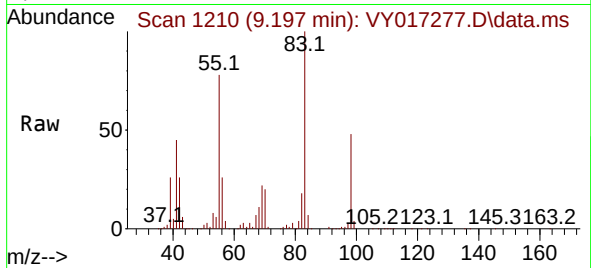
Tgt Ion:117 Resp: 74081
Ion Ratio Lower Upper
117 100
119 94.8 76.0 114.0
121 33.2 24.2 36.2





#39
Methylcyclohexane
Concen: 44.429 ug/l
RT: 9.197 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY017277.D
Acq: 06 Feb 2024 20:09

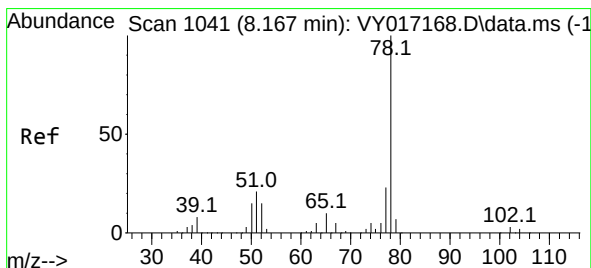
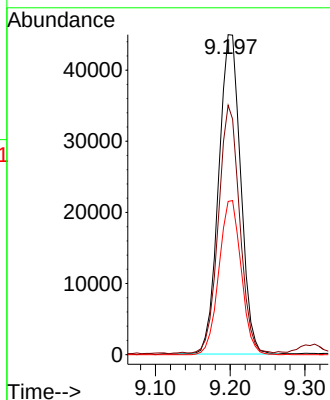
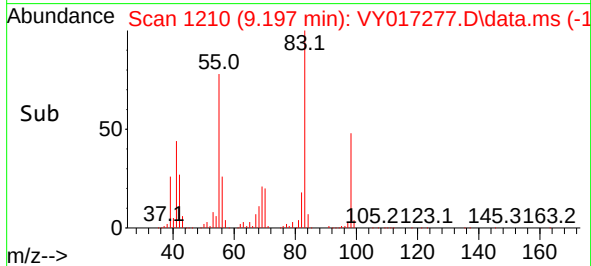
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 9187
Ion Ratio Lower Upper
83 100
55 77.6 59.7 89.5
98 48.0 38.0 57.0

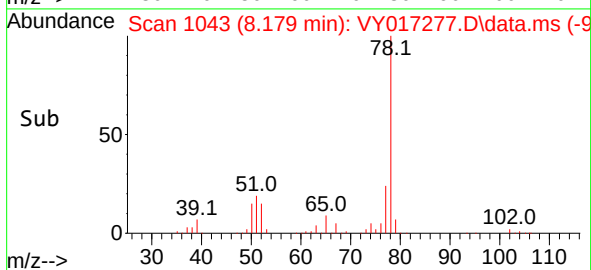
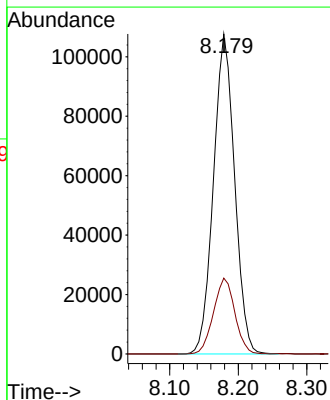
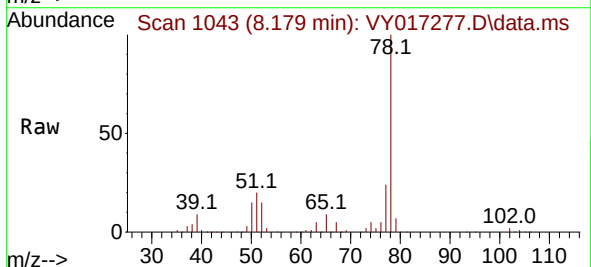
Manual Integrations
APPROVED

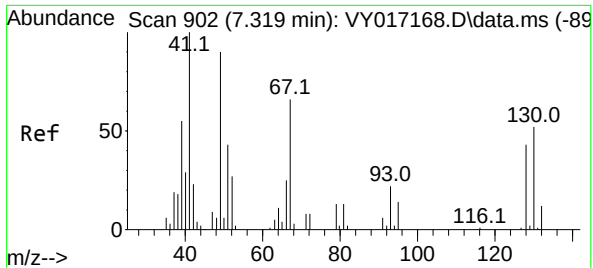
Reviewed By :Mahesh Dadoda 02/07/2024
Supervised By :Semsettin Yesilyurt 02/07/2024



#40
Benzene
Concen: 45.557 ug/l
RT: 8.179 min Scan# 1043
Delta R.T. 0.012 min
Lab File: VY017277.D
Acq: 06 Feb 2024 20:09

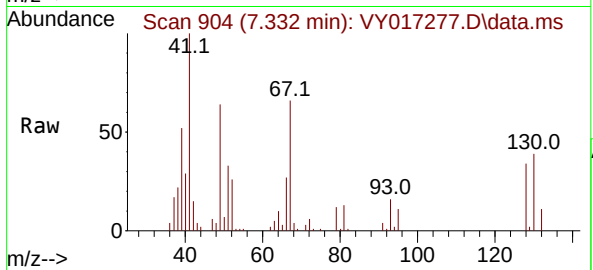
Tgt Ion: 78 Resp: 230289
Ion Ratio Lower Upper
78 100
77 23.7 18.8 28.2





#41
Methacrylonitrile
Concen: 59.221 ug/l
RT: 7.332 min Scan# 904
Delta R.T. 0.012 min
Lab File: VY017277.D
Acq: 06 Feb 2024 20:09

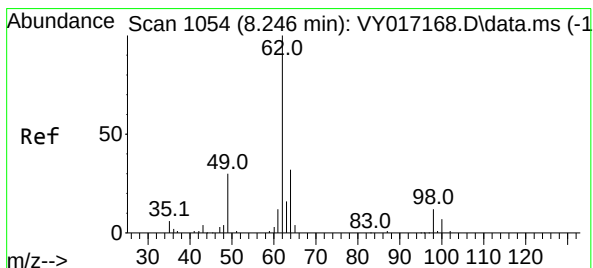
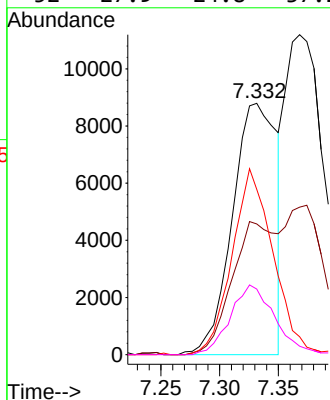
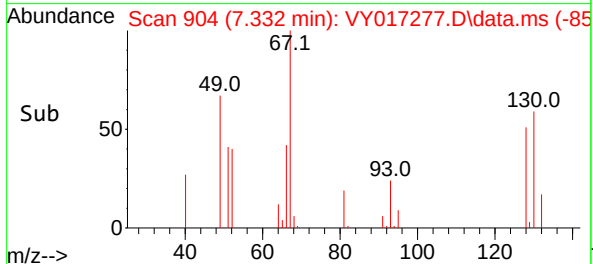
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion:	41	Resp:	2303
Ion Ratio	100	Lower	Upper
41	100		
39	53.3	41.9	62.9
67	68.7	59.8	89.6
52	27.9	24.8	37.2

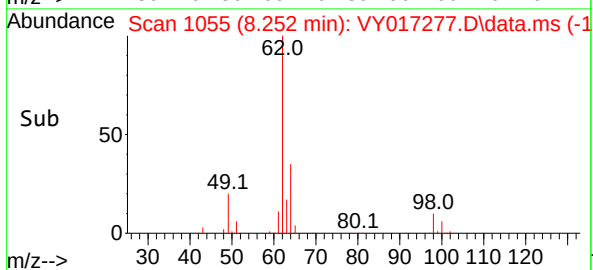
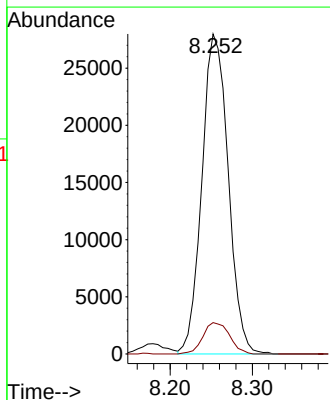
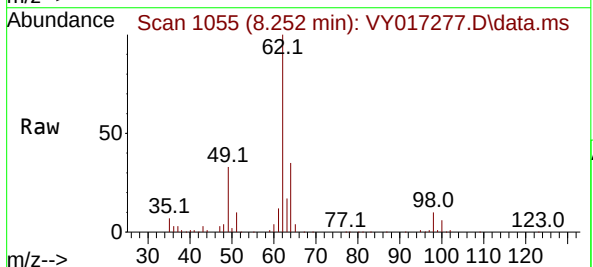
Manual Integrations
APPROVED

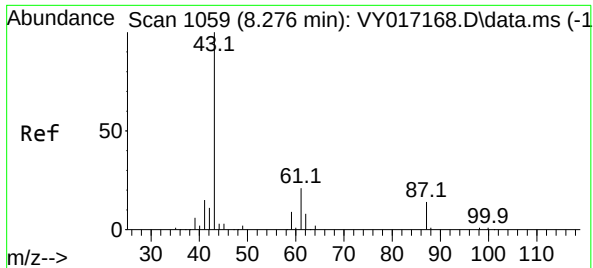
Reviewed By :Mahesh Dadoda 02/07/2024
Supervised By :Semsettin Yesilyurt 02/07/2024



#42
1,2-Dichloroethane
Concen: 46.532 ug/l
RT: 8.252 min Scan# 1055
Delta R.T. 0.006 min
Lab File: VY017277.D
Acq: 06 Feb 2024 20:09

Tgt Ion:	62	Resp:	62278
Ion Ratio	100	Lower	Upper
62	100		
98	9.9	0.0	20.2





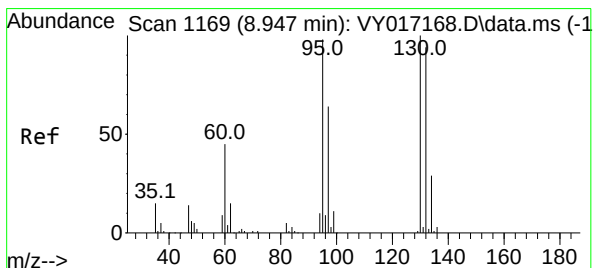
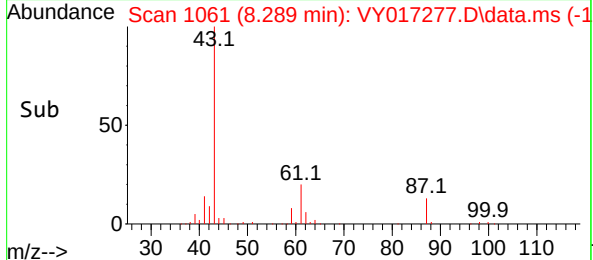
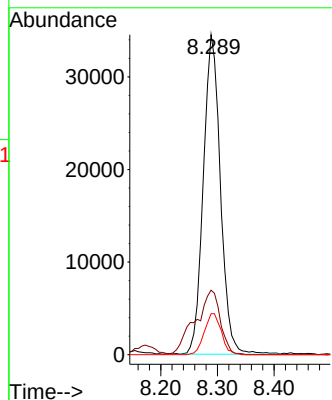
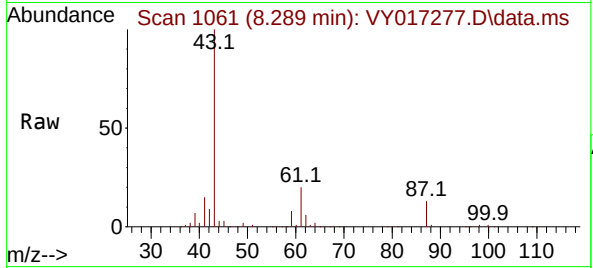
#43
Isopropyl Acetate
Concen: 49.775 ug/l
RT: 8.289 min Scan# 1061
Delta R.T. 0.012 min
Lab File: VY017277.D
Acq: 06 Feb 2024 20:09

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 72340
Ion Ratio Lower Upper
43 100
61 29.5 24.8 37.2
87 12.8 10.7 16.1

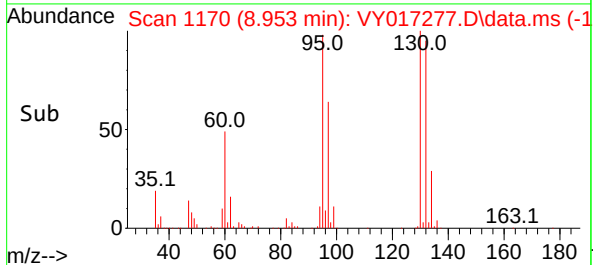
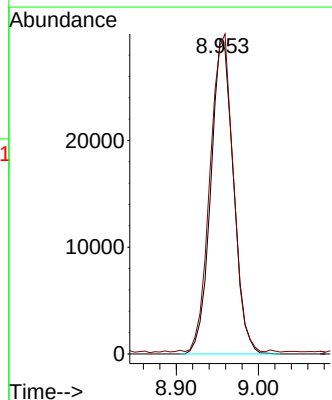
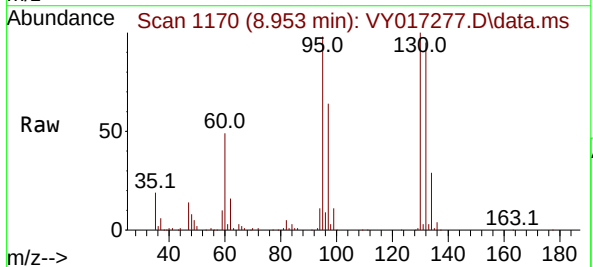
Manual Integrations
APPROVED

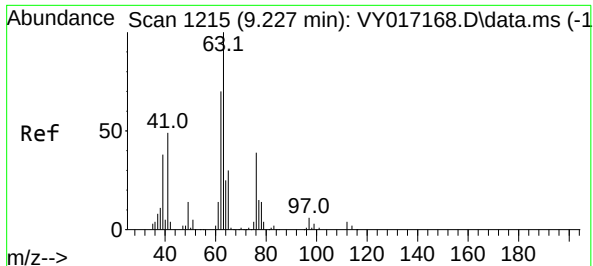
Reviewed By :Mahesh Dadoda 02/07/2024
Supervised By :Semsettin Yesilyurt 02/07/2024



#44
Trichloroethene
Concen: 44.003 ug/l
RT: 8.953 min Scan# 1170
Delta R.T. 0.006 min
Lab File: VY017277.D
Acq: 06 Feb 2024 20:09

Tgt Ion:130 Resp: 56463
Ion Ratio Lower Upper
130 100
95 97.5 0.0 203.8





#45

1,2-Dichloropropane

Concen: 46.949 ug/l

RT: 9.228 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY017277.D

Acq: 06 Feb 2024 20:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 58294

Ion Ratio Lower Upper

63 100

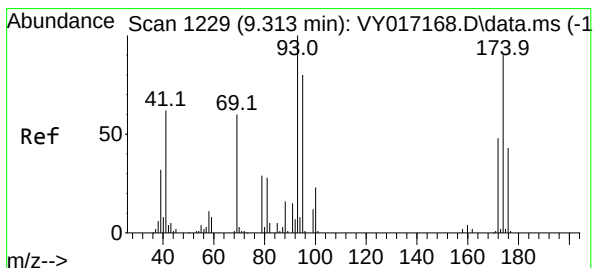
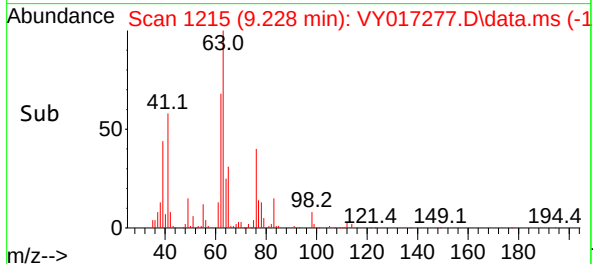
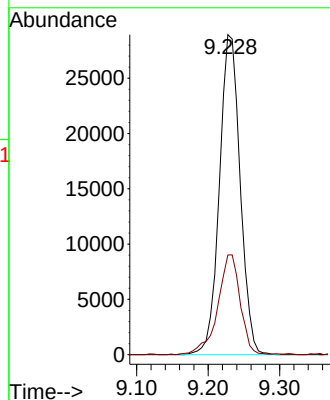
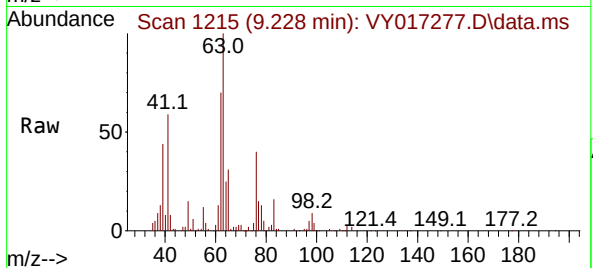
65 31.0 24.6 36.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/07/2024

Supervised By :Semsettin Yesilyurt 02/07/2024



#46

Dibromomethane

Concen: 46.866 ug/l

RT: 9.319 min Scan# 1230

Delta R.T. 0.006 min

Lab File: VY017277.D

Acq: 06 Feb 2024 20:09

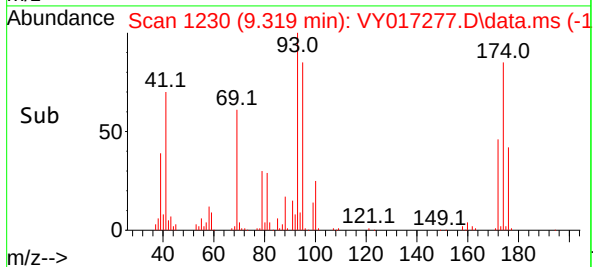
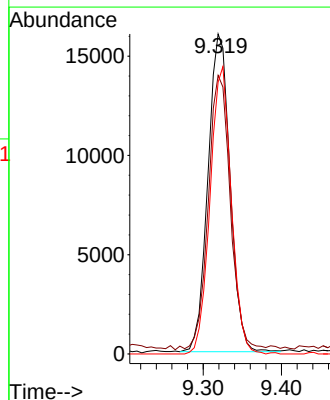
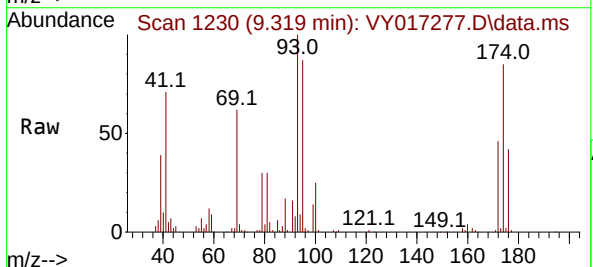
Tgt Ion: 93 Resp: 31433

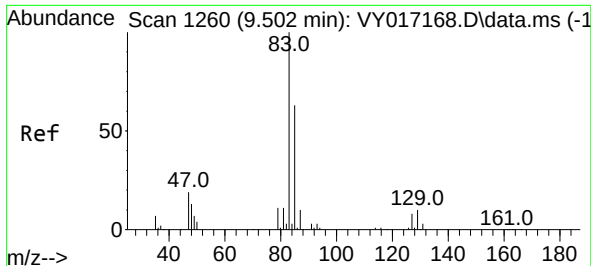
Ion Ratio Lower Upper

93 100

95 86.3 66.6 99.8

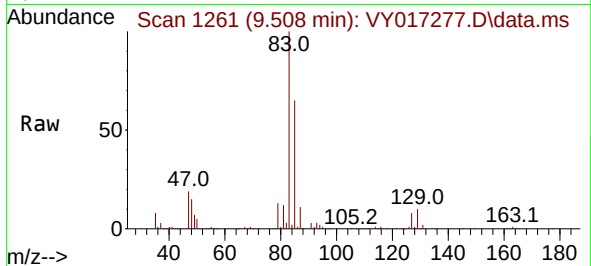
174 86.5 73.8 110.6





#47
Bromodichloromethane
Concen: 45.765 ug/l
RT: 9.508 min Scan# 1261
Delta R.T. 0.006 min
Lab File: VY017277.D
Acq: 06 Feb 2024 20:09

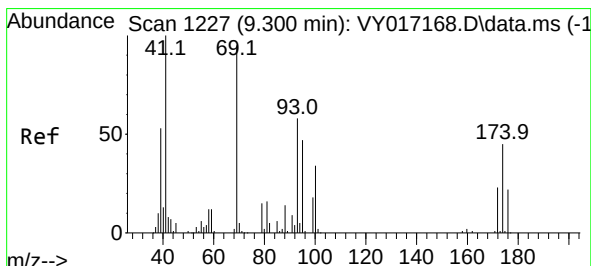
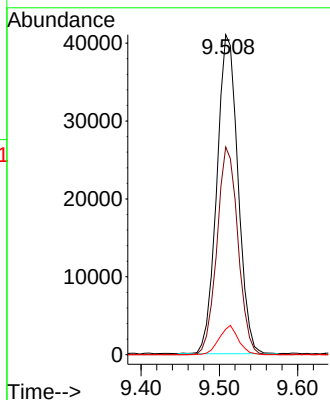
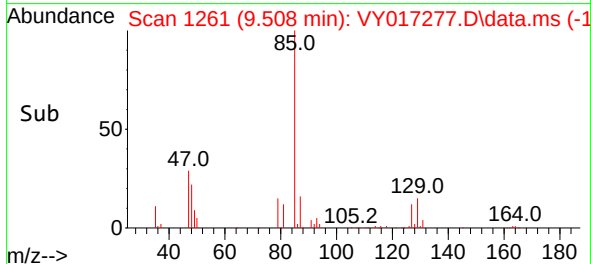
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 76818
Ion Ratio Lower Upper
83 100
85 65.1 53.2 79.8
127 8.0 6.4 9.6

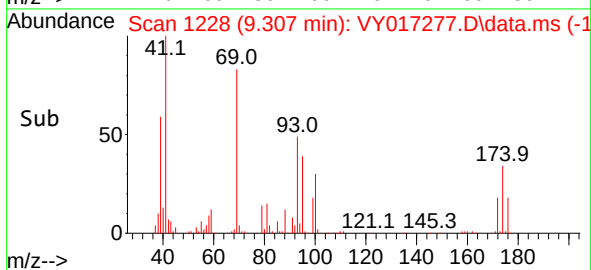
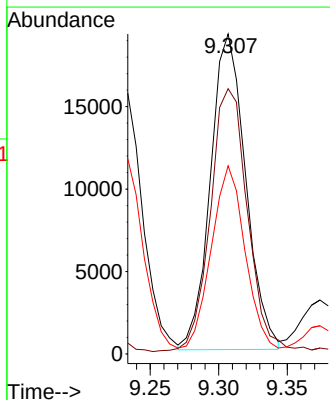
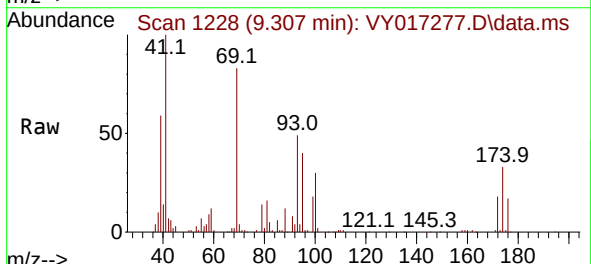
Manual Integrations
APPROVED

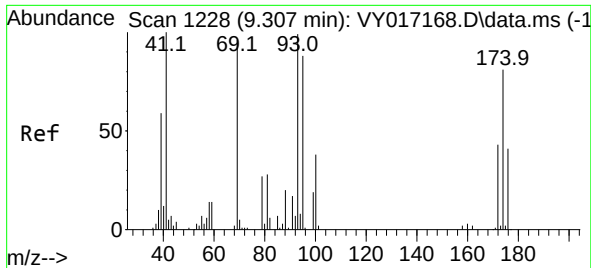
Reviewed By :Mahesh Dadoda 02/07/2024
Supervised By :Semsettin Yesilyurt 02/07/2024



#48
Methyl methacrylate
Concen: 50.234 ug/l
RT: 9.307 min Scan# 1228
Delta R.T. 0.006 min
Lab File: VY017277.D
Acq: 06 Feb 2024 20:09

Tgt Ion: 41 Resp: 34244
Ion Ratio Lower Upper
41 100
69 88.0 72.1 108.1
39 54.9 42.8 64.2





#49

1,4-Dioxane

Concen: 921.064 ug/l

RT: 9.313 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY017277.D

Acq: 06 Feb 2024 20:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 88 Resp: 6724

Ion Ratio Lower Upper

88 100

43 37.1 28.2 42.4

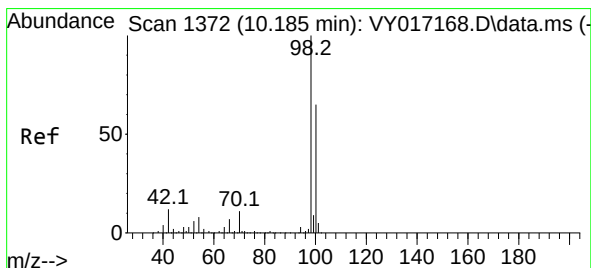
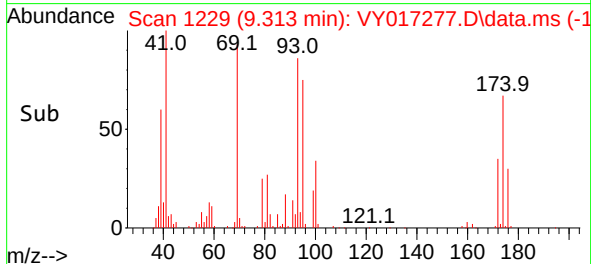
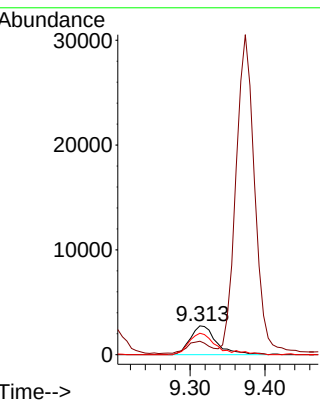
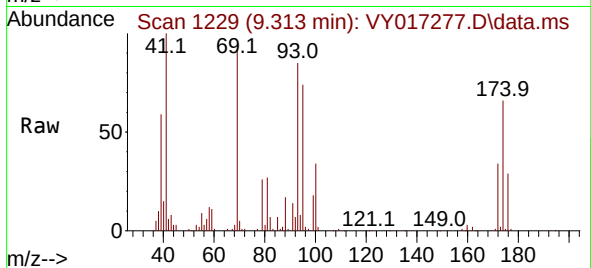
58 70.4 52.2 78.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/07/2024

Supervised By :Semsettin Yesilyurt 02/07/2024



#50

Toluene-d8

Concen: 47.572 ug/l

RT: 10.191 min Scan# 1373

Delta R.T. 0.006 min

Lab File: VY017277.D

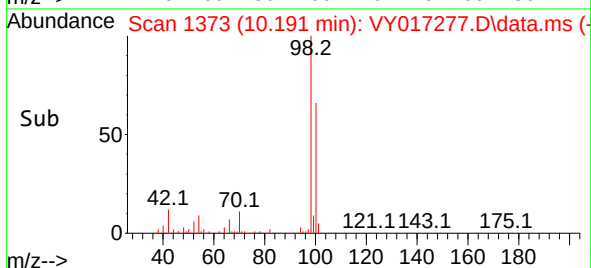
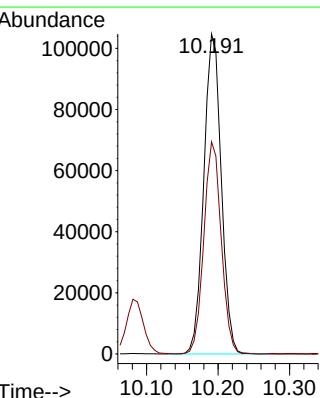
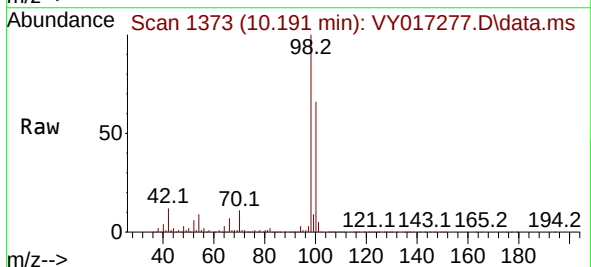
Acq: 06 Feb 2024 20:09

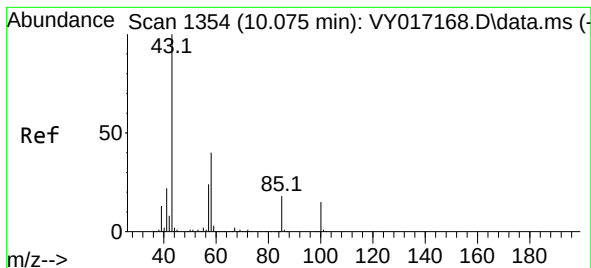
Tgt Ion: 98 Resp: 177742

Ion Ratio Lower Upper

98 100

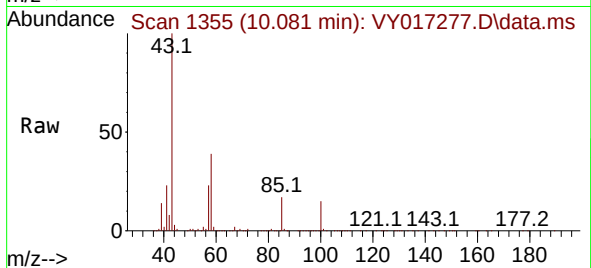
100 65.8 52.3 78.5





#51
4-Methyl-2-Pentanone
Concen: 253.711 ug/l
RT: 10.081 min Scan# 1355
Delta R.T. 0.006 min
Lab File: VY017277.D
Acq: 06 Feb 2024 20:09

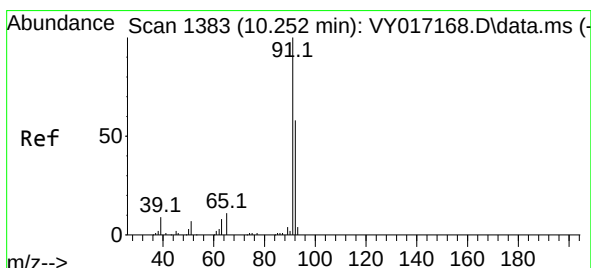
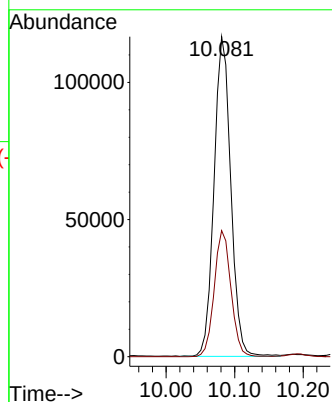
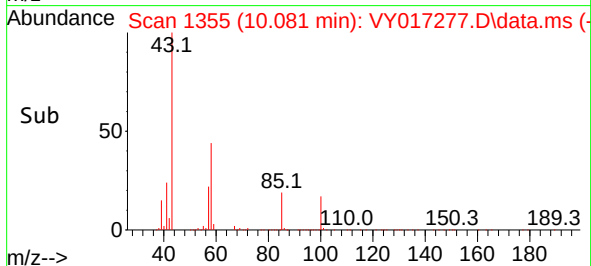
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 197650
Ion Ratio Lower Upper
43 100
58 39.4 32.2 48.2

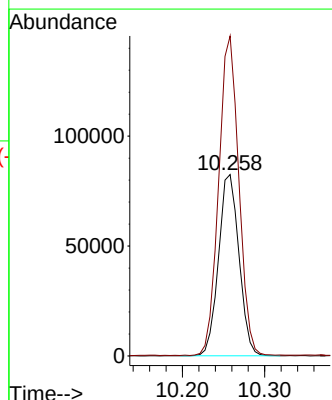
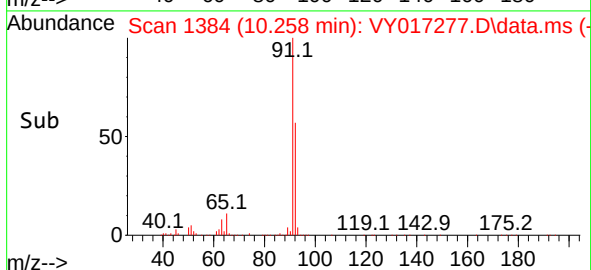
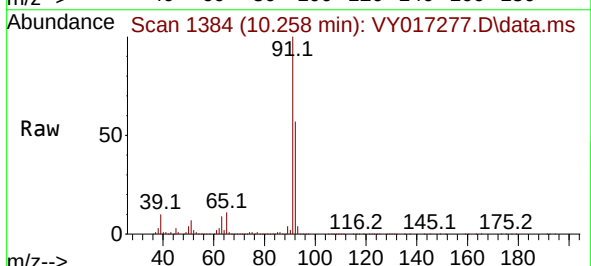
Manual Integrations
APPROVED

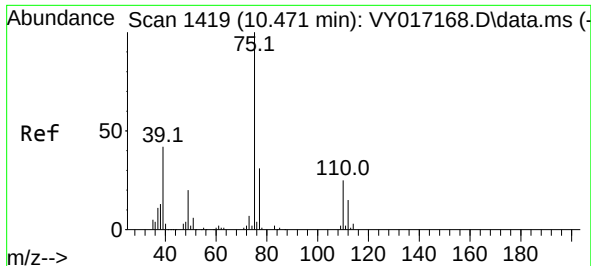
Reviewed By :Mahesh Dadoda 02/07/2024
Supervised By :Semsettin Yesilyurt 02/07/2024



#52
Toluene
Concen: 46.779 ug/l
RT: 10.258 min Scan# 1384
Delta R.T. 0.006 min
Lab File: VY017277.D
Acq: 06 Feb 2024 20:09

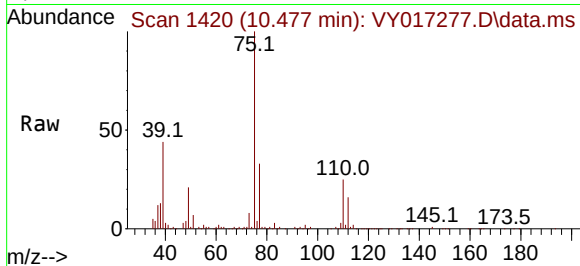
Tgt Ion: 92 Resp: 142732
Ion Ratio Lower Upper
92 100
91 173.4 137.6 206.4





#53
t-1,3-Dichloropropene
Concen: 47.845 ug/l
RT: 10.477 min Scan# 1419
Delta R.T. 0.006 min
Lab File: VY017277.D
Acq: 06 Feb 2024 20:09

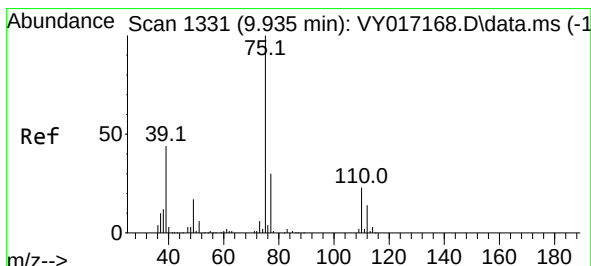
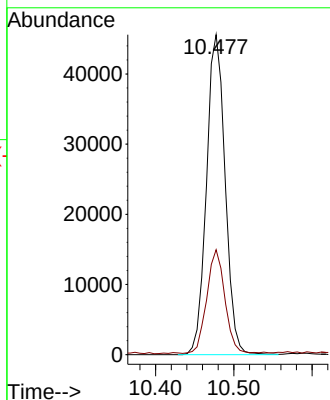
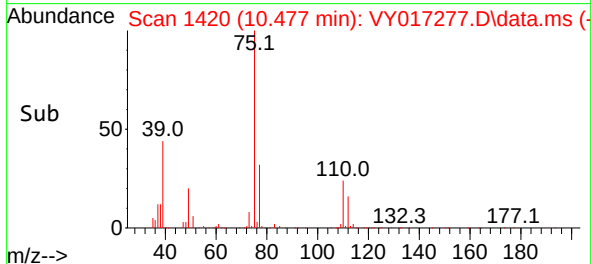
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



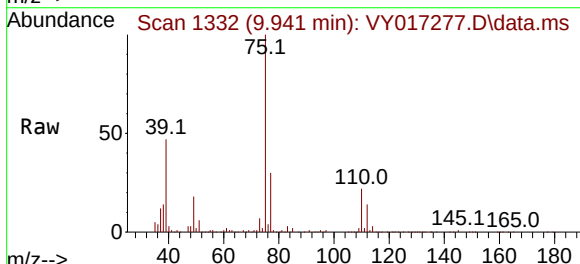
Tgt Ion: 75 Resp: 75434
Ion Ratio Lower Upper
75 100
77 32.3 24.6 36.8

Manual Integrations
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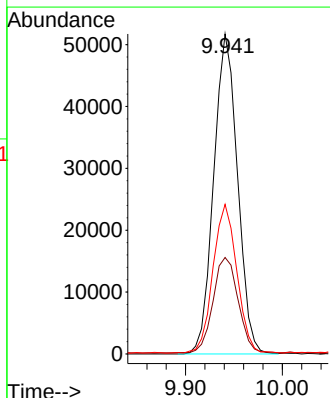
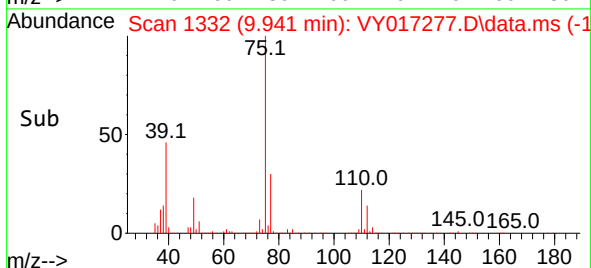
Reviewed By :Mahesh Dadoda 02/07/2024
Supervised By :Semsettin Yesilyurt 02/07/2024

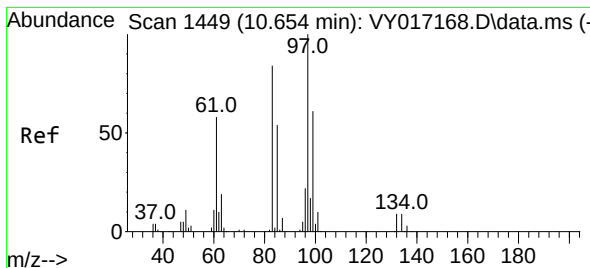


#54
cis-1,3-Dichloropropene
Concen: 46.782 ug/l
RT: 9.941 min Scan# 1332
Delta R.T. 0.006 min
Lab File: VY017277.D
Acq: 06 Feb 2024 20:09



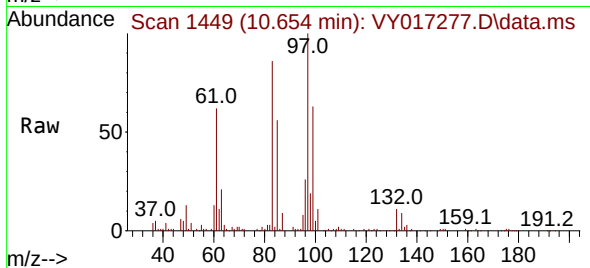
Tgt Ion: 75 Resp: 88346
Ion Ratio Lower Upper
75 100
77 29.8 24.6 36.8
39 46.4 33.6 50.4





#55
1,1,2-Trichloroethane
Concen: 48.911 ug/l
RT: 10.654 min Scan# 1449
Delta R.T. 0.000 min
Lab File: VY017277.D
Acq: 06 Feb 2024 20:09

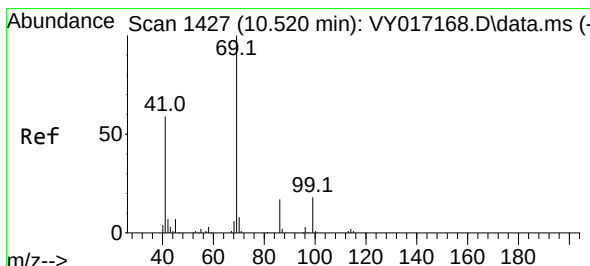
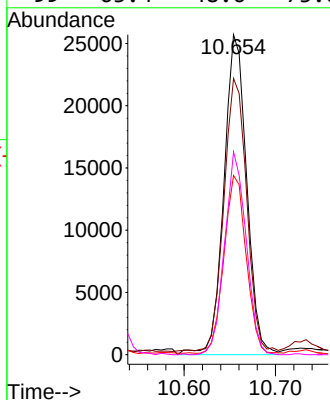
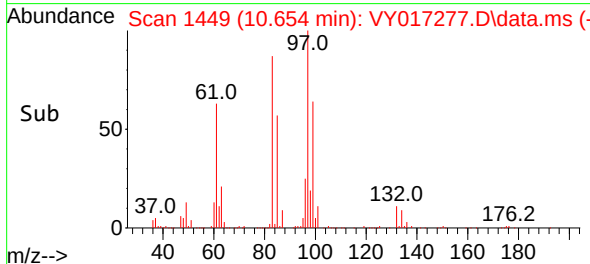
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



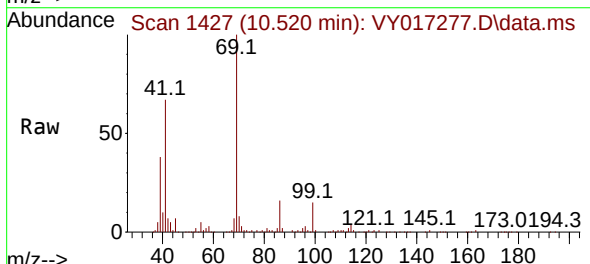
Tgt Ion	Ratio	Lower	Upper
97	100		
83	85.2	69.4	104.2
85	55.5	43.9	65.9
99	63.4	48.6	73.0

Manual Integrations
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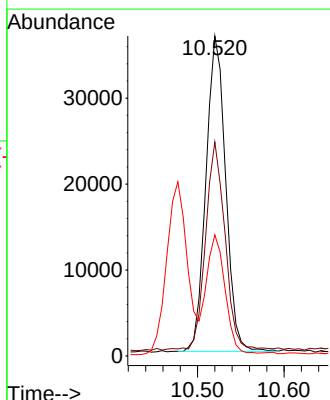
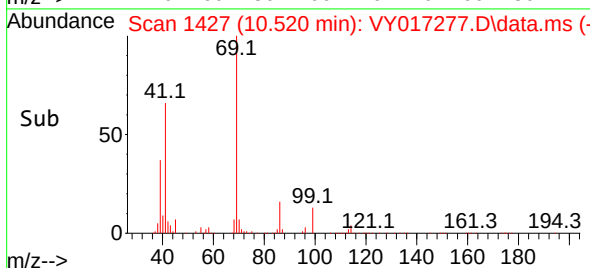
Reviewed By :Mahesh Dadoda 02/07/2024
Supervised By :Semsettin Yesilyurt 02/07/2024

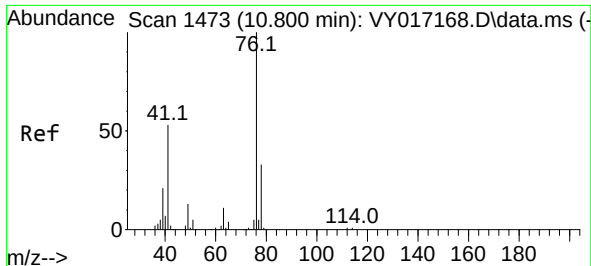


#56
Ethyl methacrylate
Concen: 47.380 ug/l
RT: 10.520 min Scan# 1427
Delta R.T. -0.000 min
Lab File: VY017277.D
Acq: 06 Feb 2024 20:09



Tgt Ion	Ratio	Lower	Upper
69	100		
41	65.4	49.2	73.8
39	35.0	26.8	40.2





#57

1,3-Dichloropropane

Concen: 47.748 ug/l

RT: 10.800 min Scan# 1473

Delta R.T. 0.000 min

Lab File: VY017277.D

Acq: 06 Feb 2024 20:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 7494

Ion Ratio Lower Upper

76 100

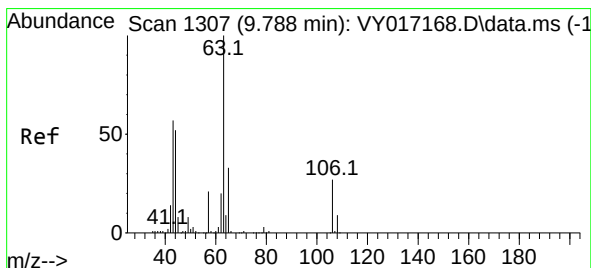
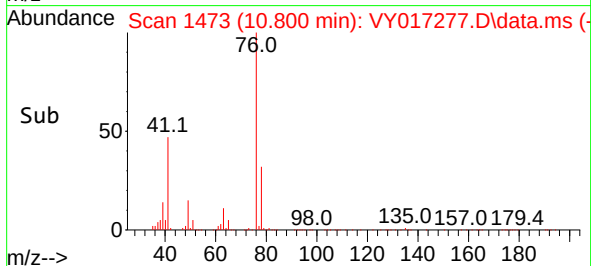
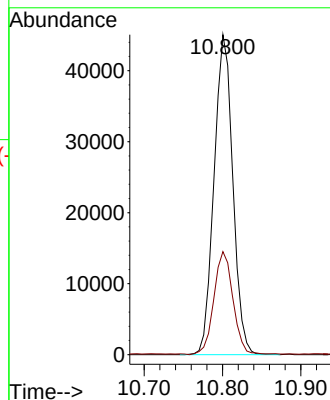
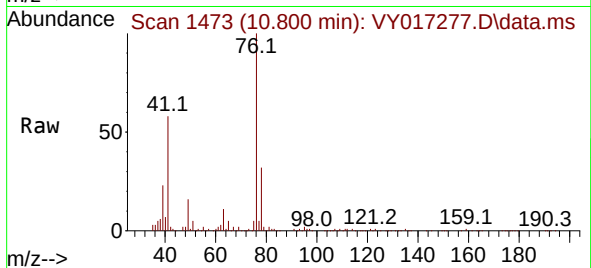
78 32.9 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/07/2024

Supervised By :Semsettin Yesilyurt 02/07/2024



#58

2-Chloroethyl Vinyl ether

Concen: 280.019 ug/l

RT: 9.794 min Scan# 1308

Delta R.T. 0.006 min

Lab File: VY017277.D

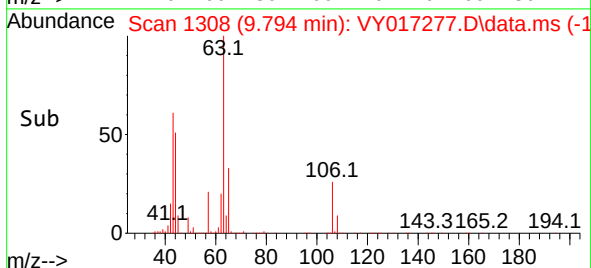
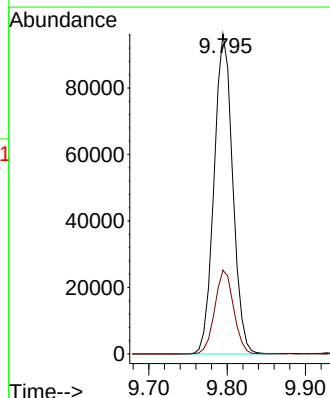
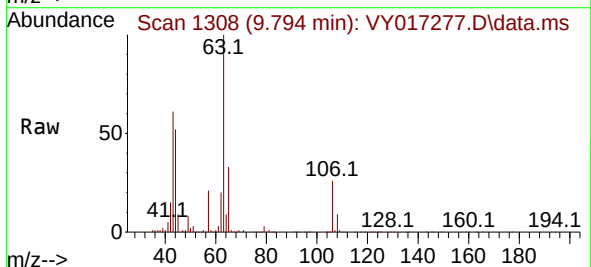
Acq: 06 Feb 2024 20:09

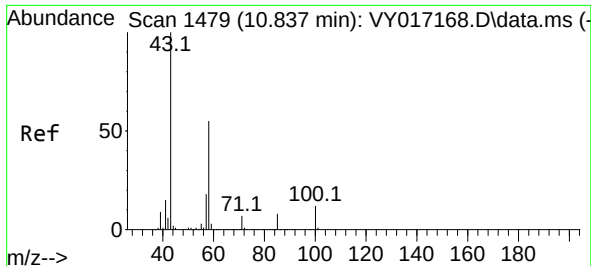
Tgt Ion: 63 Resp: 159189

Ion Ratio Lower Upper

63 100

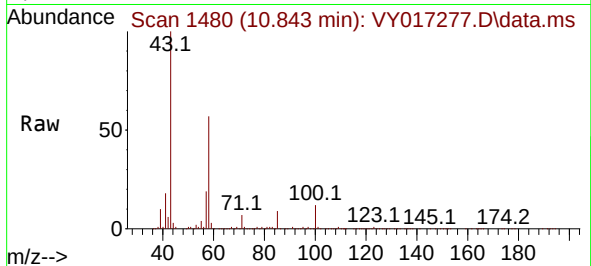
106 26.5 22.4 33.6





#59
2-Hexanone
Concen: 244.991 ug/l
RT: 10.843 min Scan# 1479
Delta R.T. 0.006 min
Lab File: VY017277.D
Acq: 06 Feb 2024 20:09

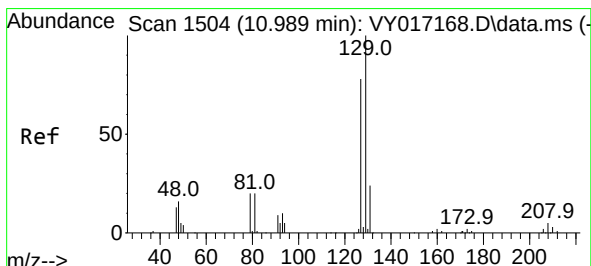
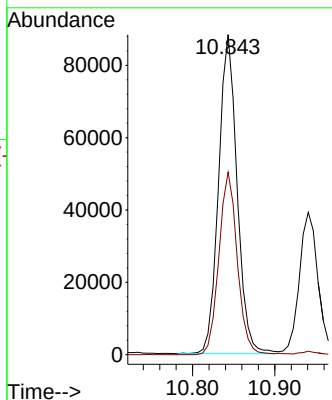
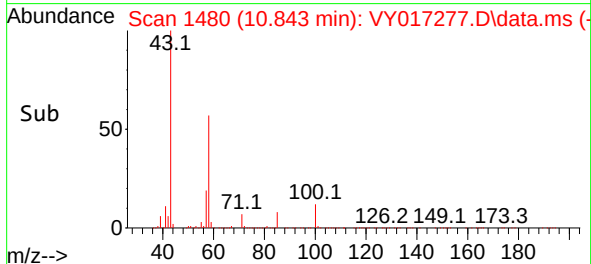
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 138014
Ion Ratio Lower Upper
43 100
58 56.9 28.1 84.3

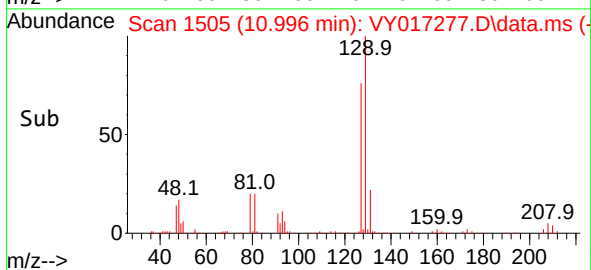
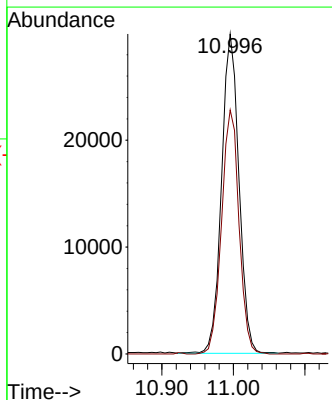
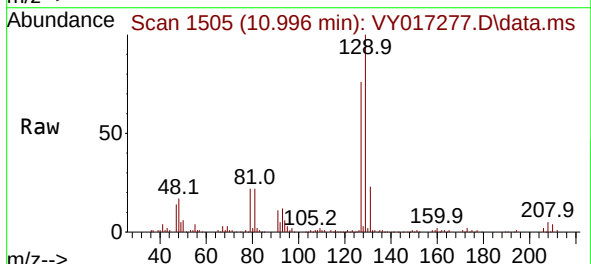
Manual Integrations
APPROVED

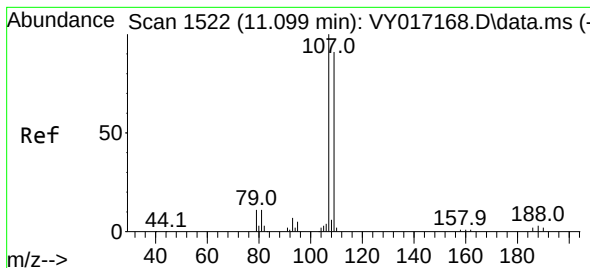
Reviewed By :Mahesh Dadoda 02/07/2024
Supervised By :Semsettin Yesilyurt 02/07/2024



#60
Dibromochloromethane
Concen: 47.136 ug/l
RT: 10.996 min Scan# 1505
Delta R.T. 0.006 min
Lab File: VY017277.D
Acq: 06 Feb 2024 20:09

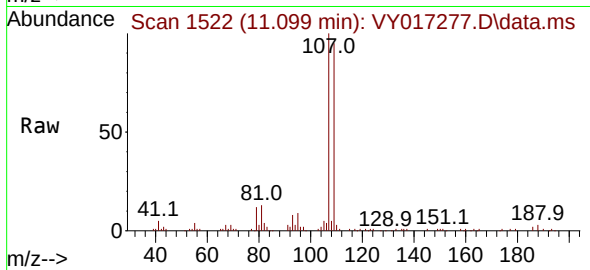
Tgt Ion:129 Resp: 50460
Ion Ratio Lower Upper
129 100
127 76.6 39.2 117.6





#61
1,2-Dibromoethane
Concen: 47.431 ug/l
RT: 11.099 min Scan# 1522
Delta R.T. 0.000 min
Lab File: VY017277.D
Acq: 06 Feb 2024 20:09

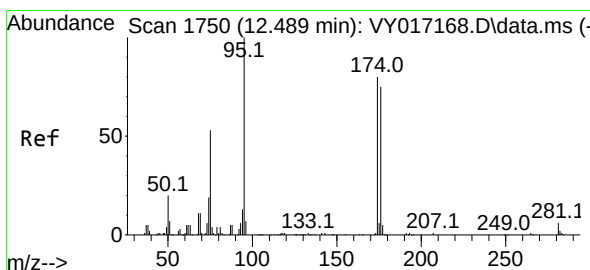
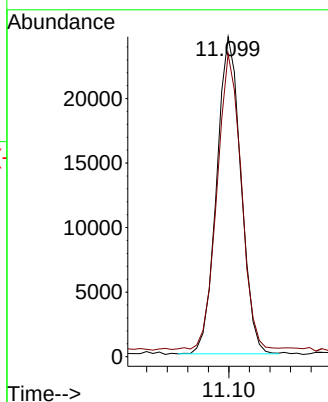
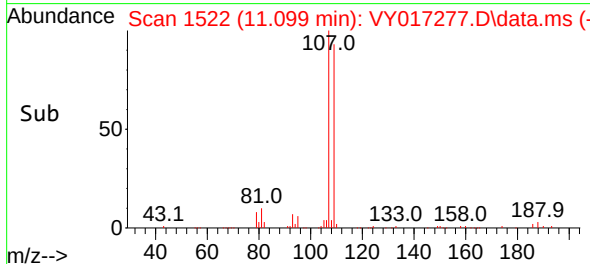
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



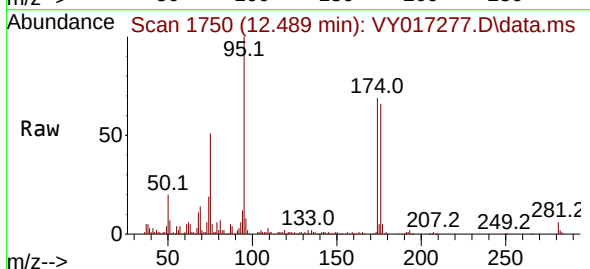
Tgt Ion:107 Resp: 40254
Ion Ratio Lower Upper
107 100
109 92.9 75.4 113.2

Manual Integrations
APPROVED

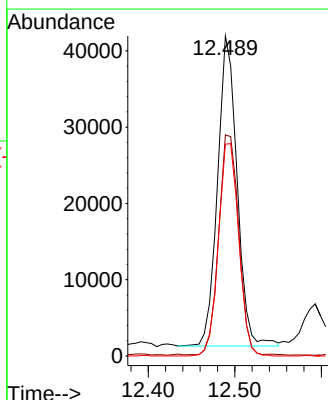
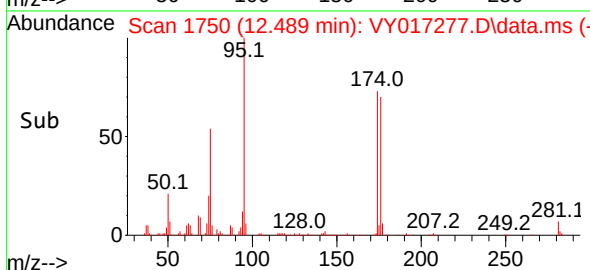
Reviewed By :Mahesh Dadoda 02/07/2024
Supervised By :Semsettin Yesilyurt 02/07/2024

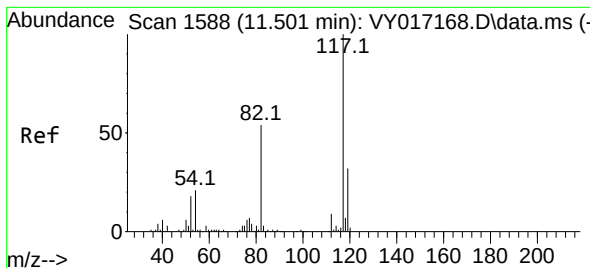


#62
4-Bromofluorobenzene
Concen: 52.063 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VY017277.D
Acq: 06 Feb 2024 20:09



Tgt Ion: 95 Resp: 63722
Ion Ratio Lower Upper
95 100
174 73.0 0.0 160.0
176 71.2 0.0 151.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.502 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY017277.D

Acq: 06 Feb 2024 20:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

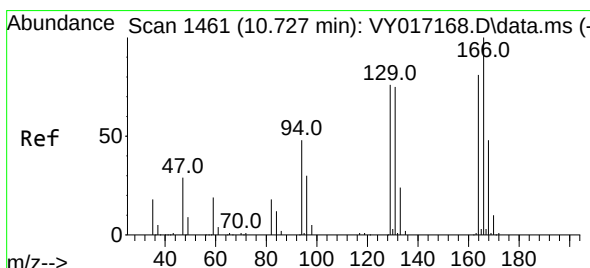
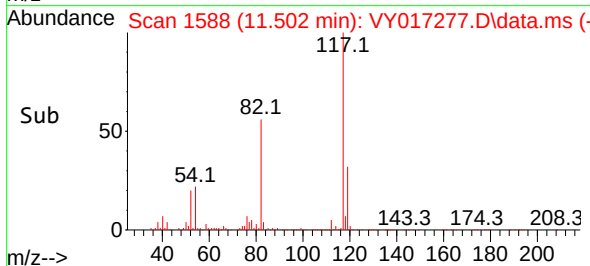
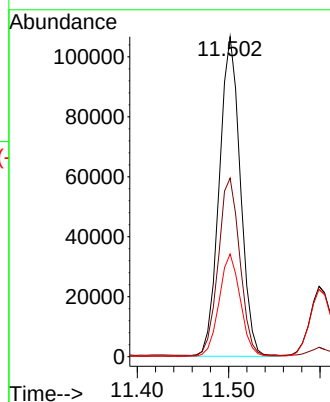
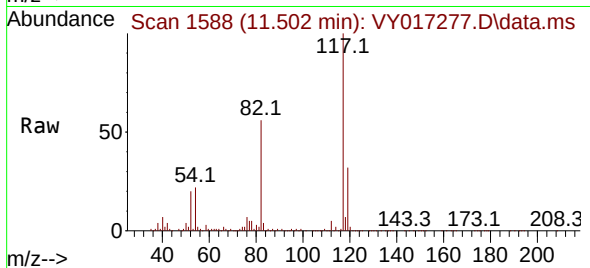
Tgt Ion:117 Resp: 170824

Ion	Ratio	Lower	Upper
117	100		
82	55.5	43.8	65.8
119	32.1	26.5	39.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/07/2024
Supervised By :Semsettin Yesilyurt 02/07/2024



#64

Tetrachloroethene

Concen: 44.651 ug/l

RT: 10.733 min Scan# 1462

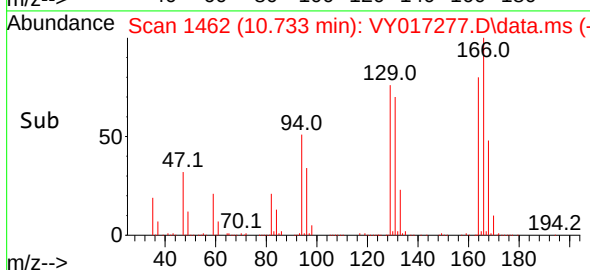
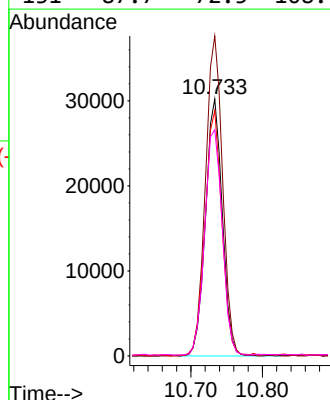
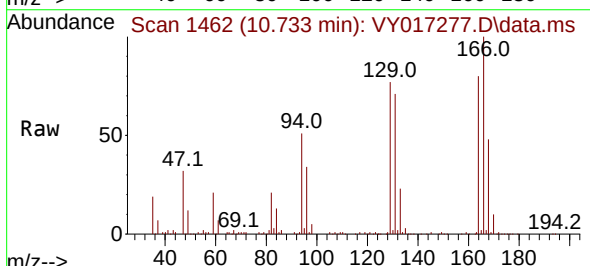
Delta R.T. 0.006 min

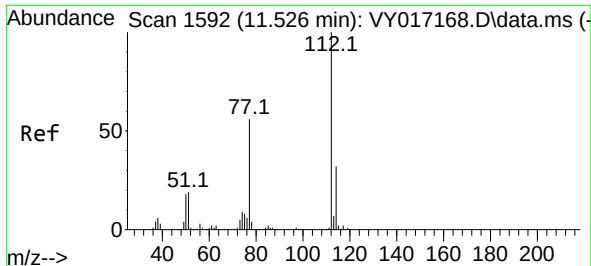
Lab File: VY017277.D

Acq: 06 Feb 2024 20:09

Tgt Ion:164 Resp: 49536

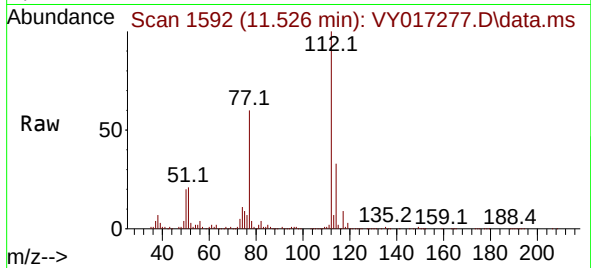
Ion	Ratio	Lower	Upper
164	100		
166	124.5	98.8	148.2
129	95.1	78.9	118.3
131	87.7	72.5	108.7





#65
Chlorobenzene
Concen: 44.896 ug/l
RT: 11.526 min Scan# 1592
Delta R.T. 0.000 min
Lab File: VY017277.D
Acq: 06 Feb 2024 20:09

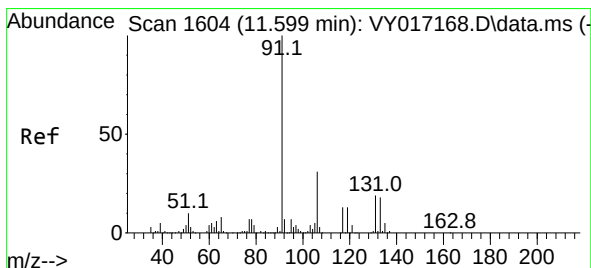
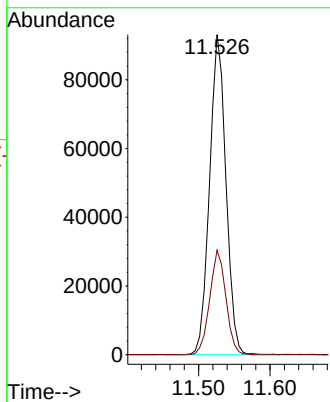
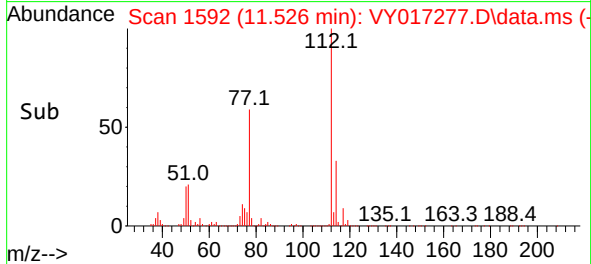
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion:112 Resp: 14794
Ion Ratio Lower Upper
112 100
114 32.6 26.1 39.1

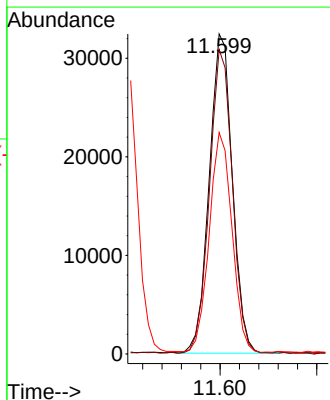
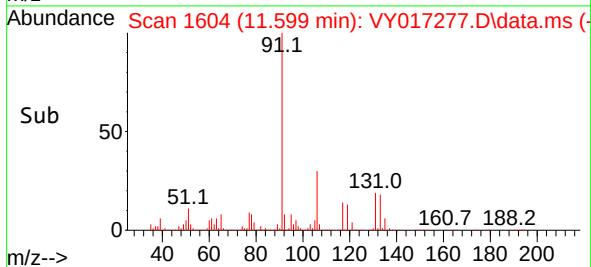
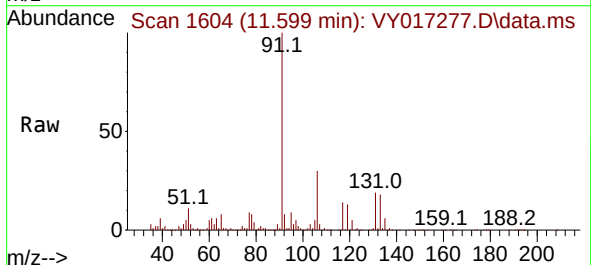
Manual Integrations
APPROVED

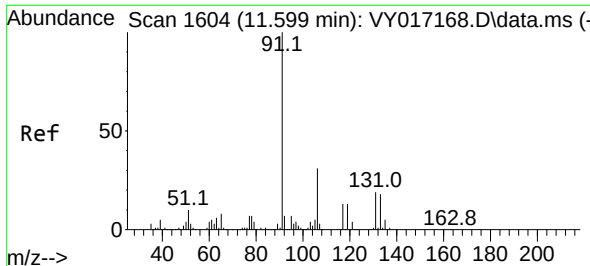
Reviewed By :Mahesh Dadoda 02/07/2024
Supervised By :Semsettin Yesilyurt 02/07/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 44.903 ug/l
RT: 11.599 min Scan# 1604
Delta R.T. 0.000 min
Lab File: VY017277.D
Acq: 06 Feb 2024 20:09

Tgt Ion:131 Resp: 53774
Ion Ratio Lower Upper
131 100
133 94.2 47.0 141.0
119 67.8 33.3 99.9





#67

Ethyl Benzene

Concen: 46.854 ug/l

RT: 11.605 min Scan# 1605

Delta R.T. 0.006 min

Lab File: VY017277.D

Acq: 06 Feb 2024 20:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 91 Resp: 27904

Ion Ratio Lower Upper

91 100

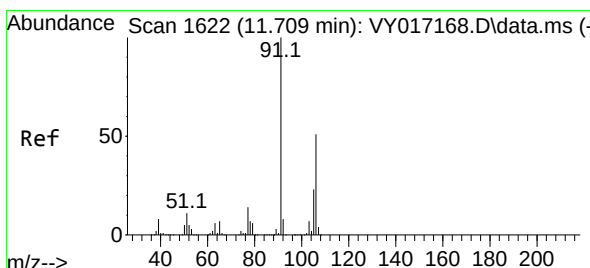
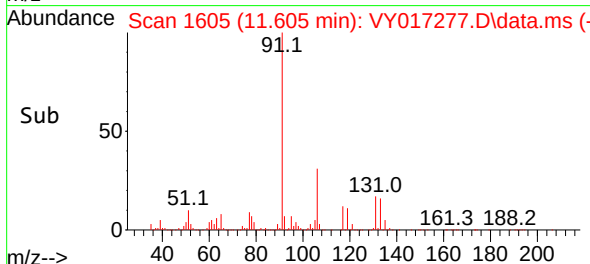
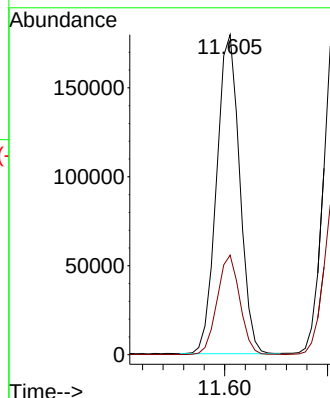
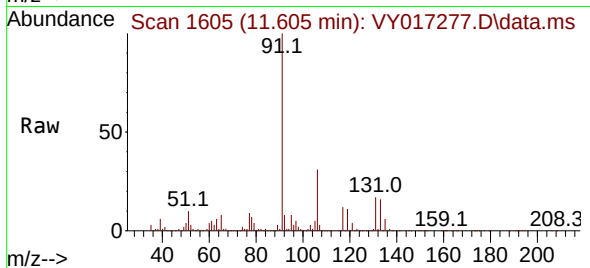
106 31.2 25.0 37.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/07/2024

Supervised By :Semsettin Yesilyurt 02/07/2024



#68

m/p-Xylenes

Concen: 92.386 ug/l

RT: 11.715 min Scan# 1623

Delta R.T. 0.006 min

Lab File: VY017277.D

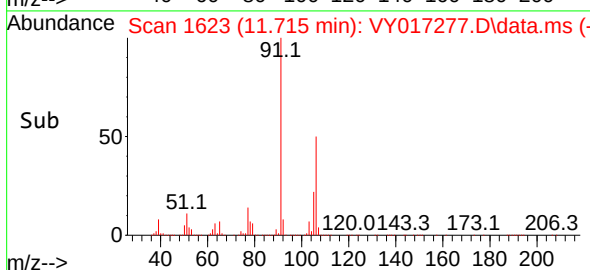
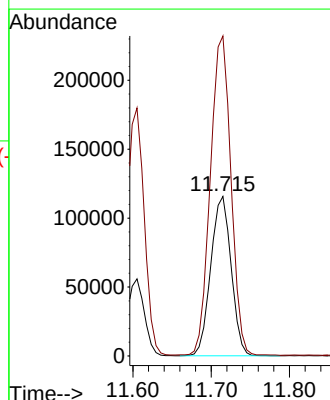
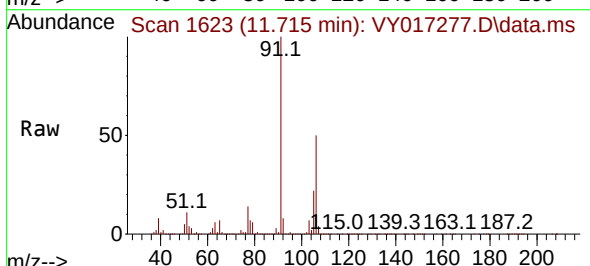
Acq: 06 Feb 2024 20:09

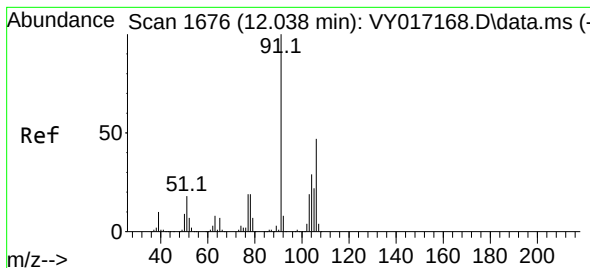
Tgt Ion:106 Resp: 208804

Ion Ratio Lower Upper

106 100

91 202.7 160.7 241.1





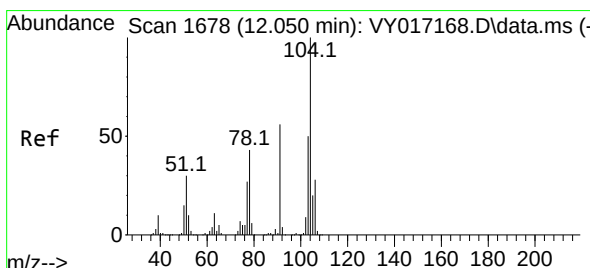
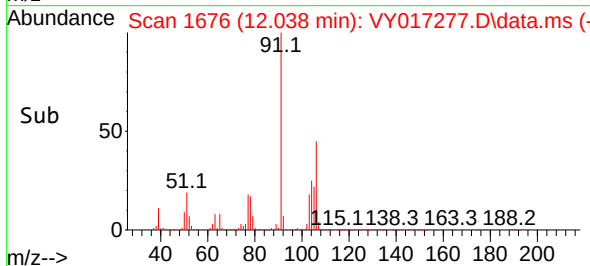
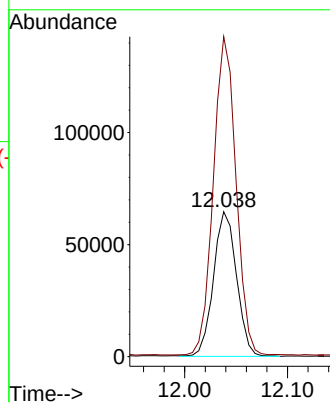
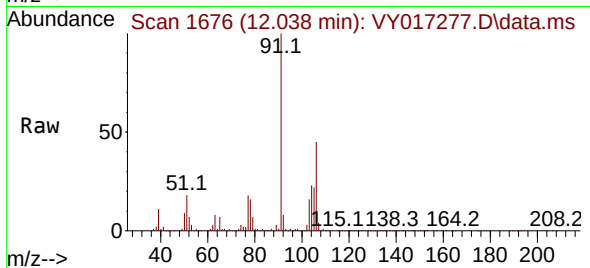
#69
o-Xylene
Concen: 48.113 ug/l
RT: 12.038 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VY017277.D
Acq: 06 Feb 2024 20:09

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 100140
Ion Ratio Lower Upper
106 100
91 217.0 106.5 319.5

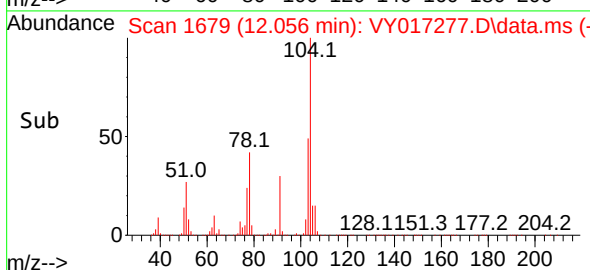
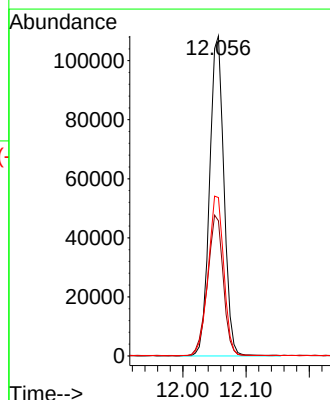
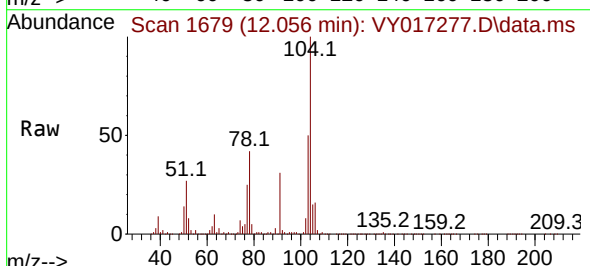
Manual Integrations
APPROVED

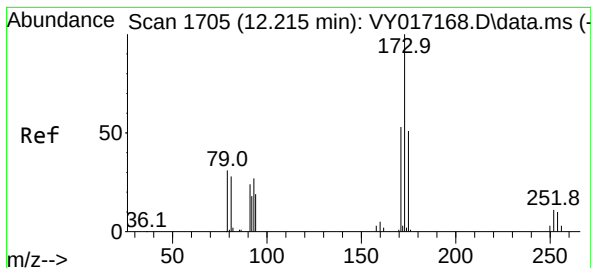
Reviewed By :Mahesh Dadoda 02/07/2024
Supervised By :Semsettin Yesilyurt 02/07/2024



#70
Styrene
Concen: 49.963 ug/l
RT: 12.056 min Scan# 1679
Delta R.T. 0.006 min
Lab File: VY017277.D
Acq: 06 Feb 2024 20:09

Tgt Ion:104 Resp: 171340
Ion Ratio Lower Upper
104 100
78 48.1 39.2 58.8
103 54.2 43.8 65.6





#71

Bromoform

Concen: 47.294 ug/l

RT: 12.221 min Scan# 1705

Delta R.T. 0.006 min

Lab File: VY017277.D

Acq: 06 Feb 2024 20:09

Instrument :

MSVOA_Y

ClientSampleId :

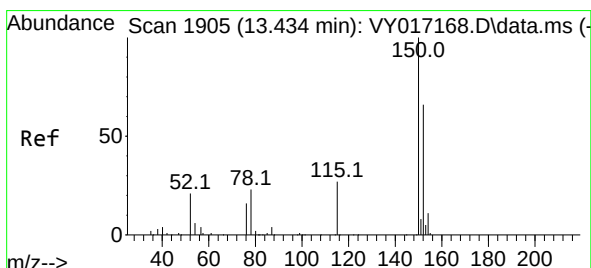
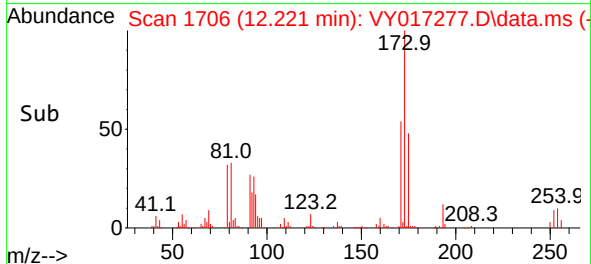
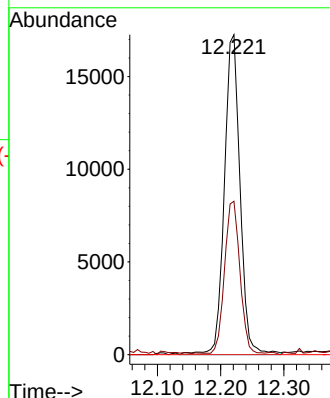
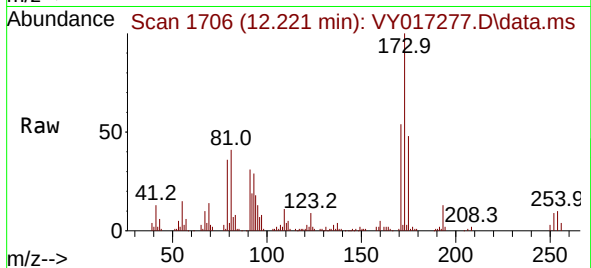
VSTDCCC050EC

Tgt Ion:	173	Resp:	2966
Ion Ratio	Lower	Upper	
173	100		
175	46.4	23.5	70.6
254	0.0	0.0	0.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/07/2024
Supervised By :Semsettin Yesilyurt 02/07/2024



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

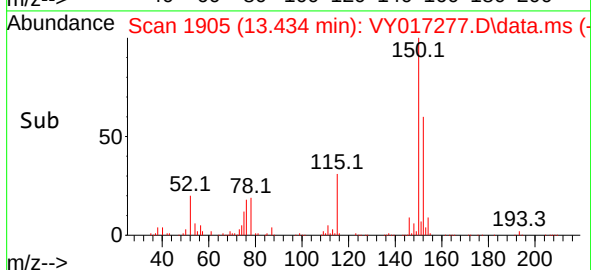
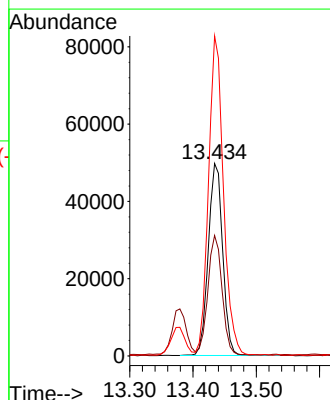
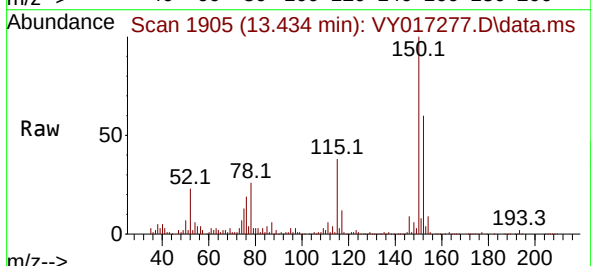
RT: 13.434 min Scan# 1905

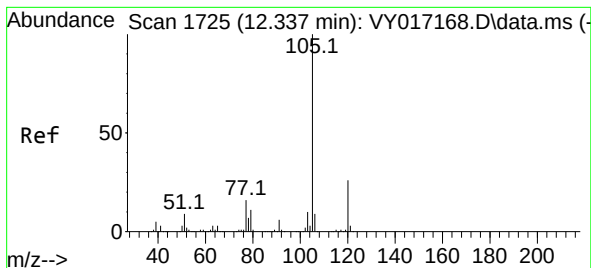
Delta R.T. 0.000 min

Lab File: VY017277.D

Acq: 06 Feb 2024 20:09

Tgt Ion:	152	Resp:	78854
Ion Ratio	Lower	Upper	
152	100		
115	60.9	30.0	90.0
150	171.3	0.0	344.6





#73

Isopropylbenzene

Concen: 45.875 ug/l

RT: 12.343 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY017277.D

Acq: 06 Feb 2024 20:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion:105 Resp: 265750

Ion Ratio Lower Upper

105 100

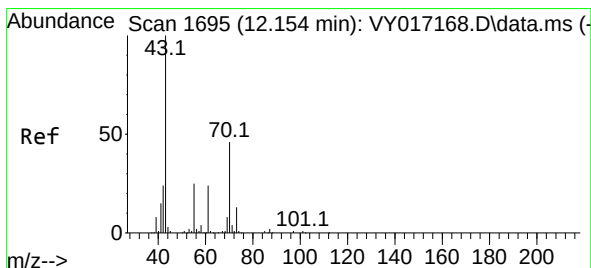
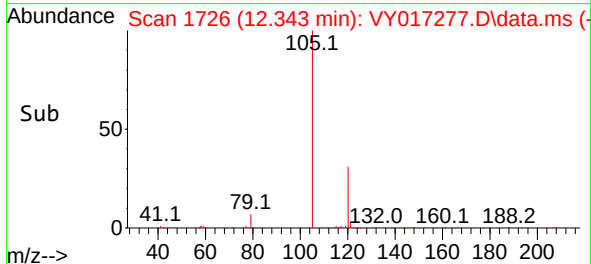
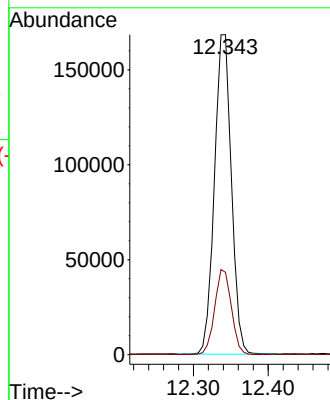
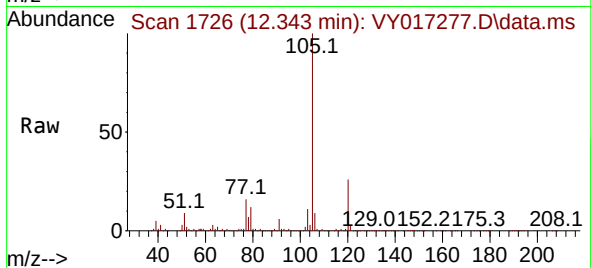
120 26.1 13.0 39.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/07/2024

Supervised By :Semsettin Yesilyurt 02/07/2024



#74

N-ethyl acetate

Concen: 50.769 ug/l

RT: 12.154 min Scan# 1695

Delta R.T. 0.000 min

Lab File: VY017277.D

Acq: 06 Feb 2024 20:09

Tgt Ion: 43 Resp: 66082

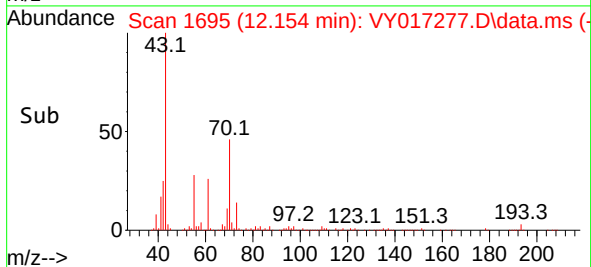
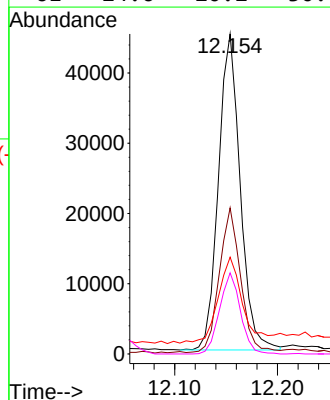
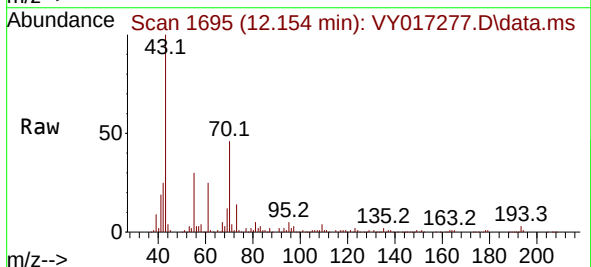
Ion Ratio Lower Upper

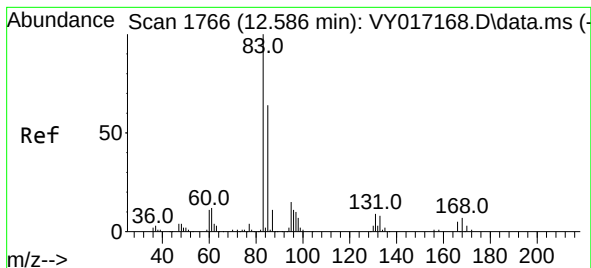
43 100

70 44.7 36.6 55.0

55 30.6 22.2 33.4

61 24.6 20.2 30.4





#75

1,1,2,2-Tetrachloroethane

Concen: 45.803 ug/l

RT: 12.593 min Scan# 1766

Delta R.T. 0.006 min

Lab File: VY017277.D

Acq: 06 Feb 2024 20:09

Instrument :

MSVOA_Y

ClientSampleId :

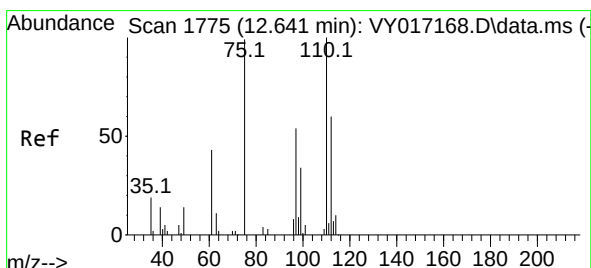
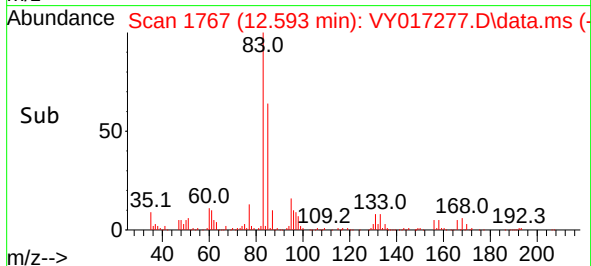
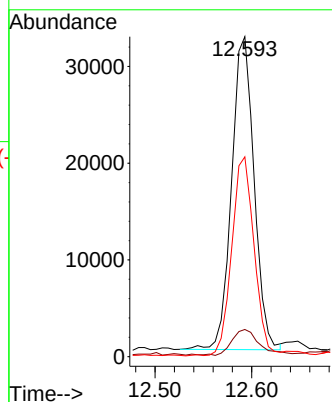
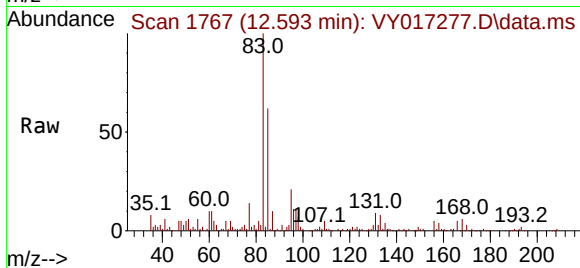
VSTDCCC050EC

Tgt Ion: 83	Resp: 52180
Ion Ratio	Lower Upper
83	100
131	9.5 4.9 14.6
85	63.4 32.6 98.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/07/2024
Supervised By :Semsettin Yesilyurt 02/07/2024



#76

1,2,3-Trichloropropane

Concen: 46.292 ug/l m

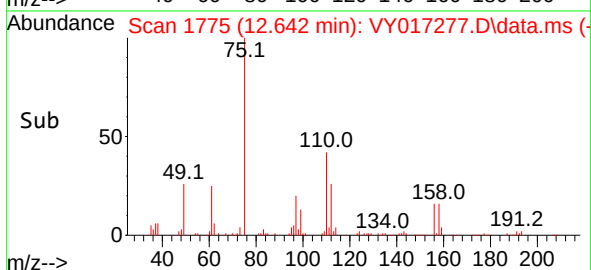
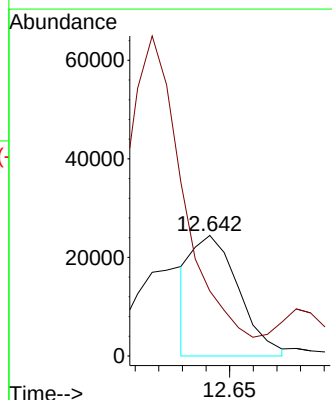
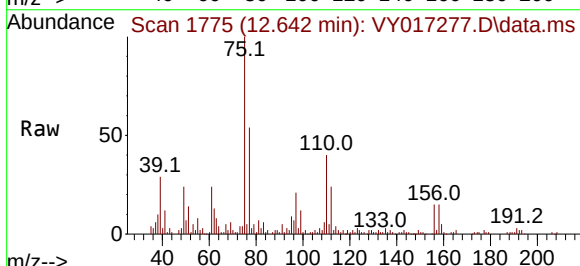
RT: 12.642 min Scan# 1775

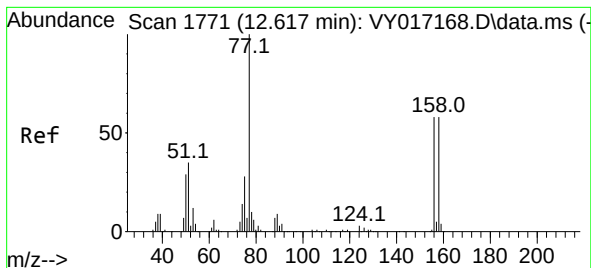
Delta R.T. 0.000 min

Lab File: VY017277.D

Acq: 06 Feb 2024 20:09

Tgt Ion: 75	Resp: 33692
Ion Ratio	Lower Upper
75	100
77	0.0 0.0 0.0





#77

Bromobenzene

Concen: 43.317 ug/l

RT: 12.617 min Scan# 1771

Delta R.T. 0.000 min

Lab File: VY017277.D

Acq: 06 Feb 2024 20:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

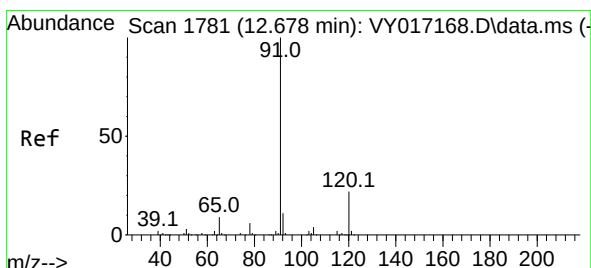
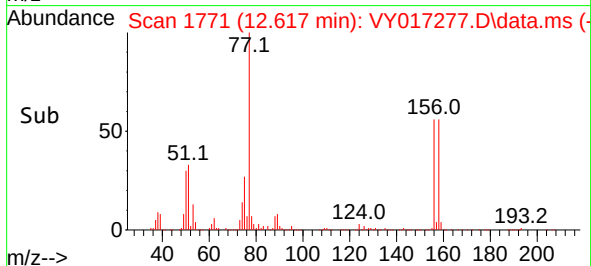
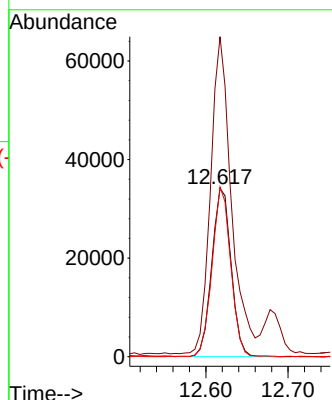
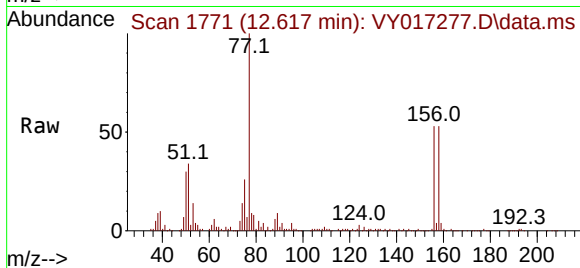
Tgt Ion:156 Resp: 55660

Ion	Ratio	Lower	Upper
156	100		
77	201.4	97.3	291.8
158	97.5	48.4	145.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/07/2024
Supervised By :Semsettin Yesilyurt 02/07/2024



#78

n-propylbenzene

Concen: 45.724 ug/l

RT: 12.678 min Scan# 1781

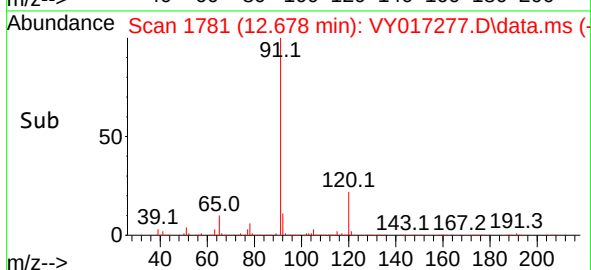
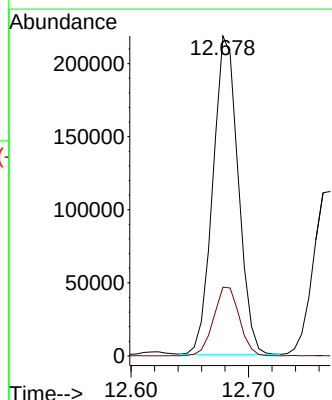
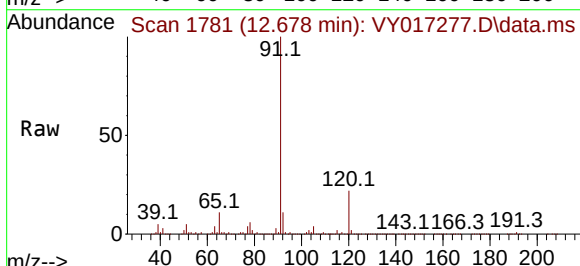
Delta R.T. 0.000 min

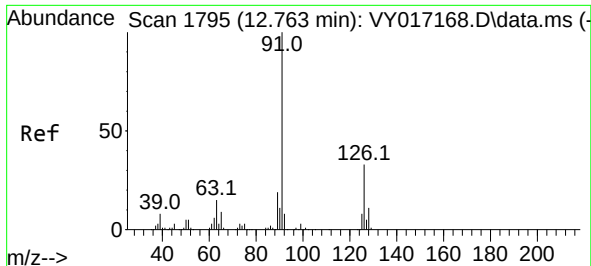
Lab File: VY017277.D

Acq: 06 Feb 2024 20:09

Tgt Ion: 91 Resp: 325311

Ion	Ratio	Lower	Upper
91	100		
120	21.9	11.0	33.0





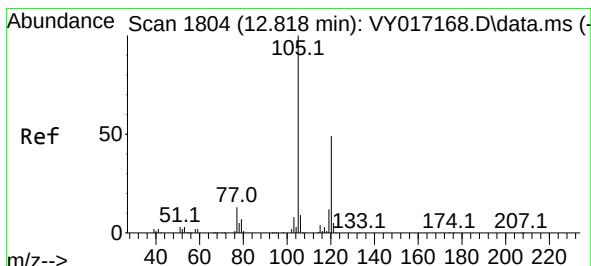
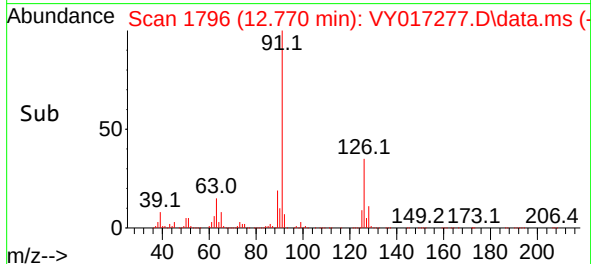
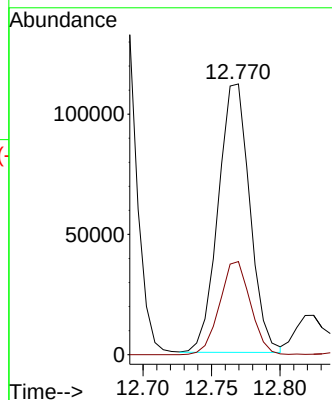
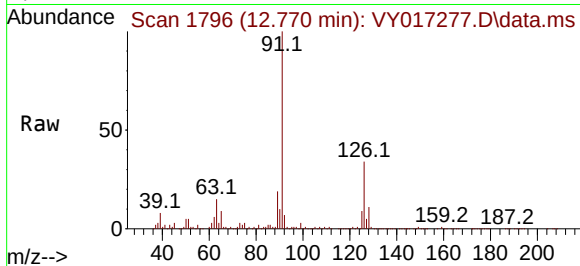
#79
2-Chlorotoluene
Concen: 45.906 ug/l
RT: 12.770 min Scan# 1795
Delta R.T. 0.006 min
Lab File: VY017277.D
Acq: 06 Feb 2024 20:09

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 17955
Ion Ratio Lower Upper
91 100
126 33.9 17.0 51.0

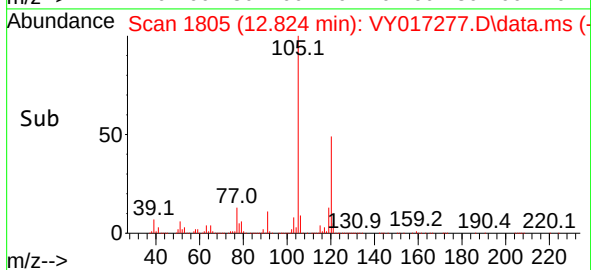
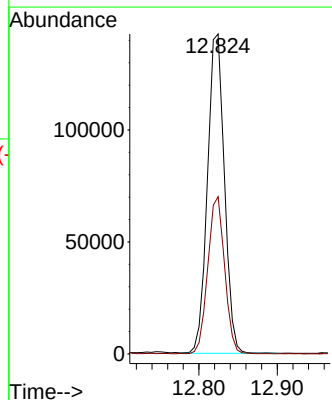
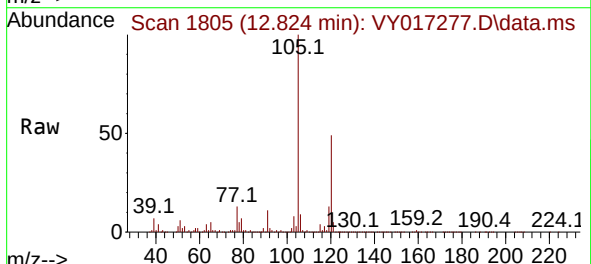
Manual Integrations
APPROVED

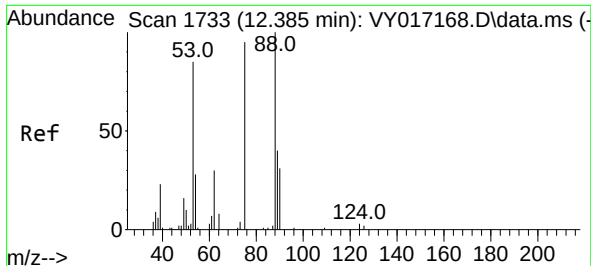
Reviewed By :Mahesh Dadoda 02/07/2024
Supervised By :Semsettin Yesilyurt 02/07/2024



#80
1,3,5-Trimethylbenzene
Concen: 46.490 ug/l
RT: 12.824 min Scan# 1805
Delta R.T. 0.006 min
Lab File: VY017277.D
Acq: 06 Feb 2024 20:09

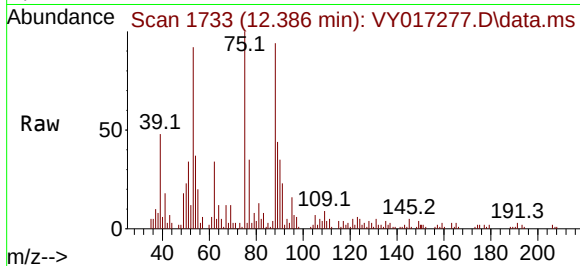
Tgt Ion:105 Resp: 214185
Ion Ratio Lower Upper
105 100
120 48.7 24.3 72.8





#81
trans-1,4-Dichloro-2-butene
Concen: 45.996 ug/l
RT: 12.386 min Scan# 1733
Delta R.T. 0.000 min
Lab File: VY017277.D
Acq: 06 Feb 2024 20:09

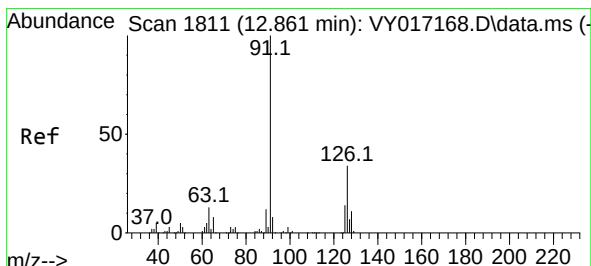
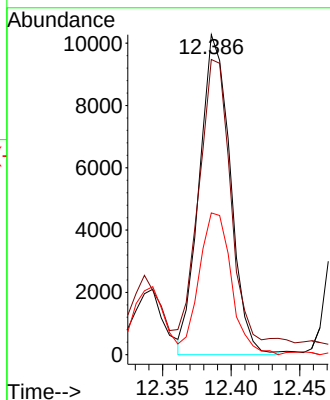
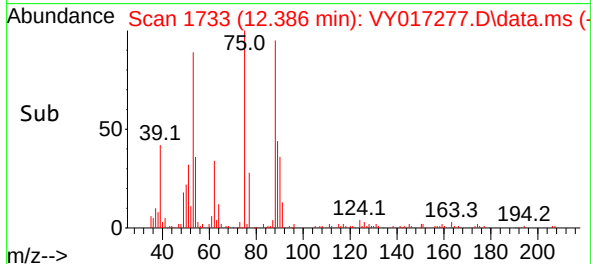
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 1611
Ion Ratio Lower Upper
75 100
53 93.6 74.0 111.0
89 46.2 36.5 54.7

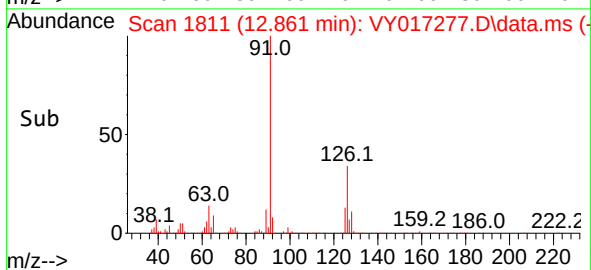
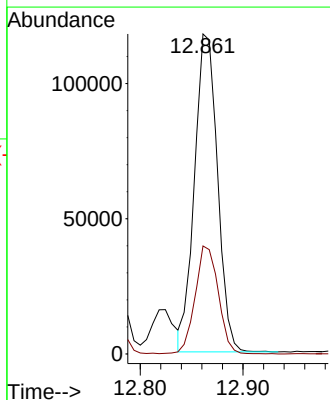
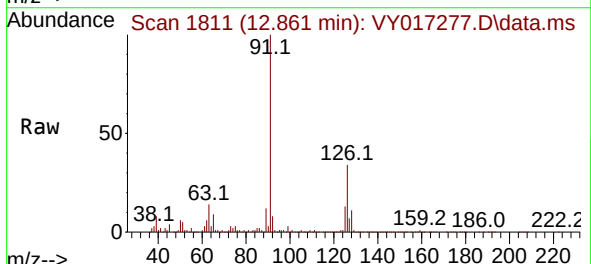
Manual Integrations
APPROVED

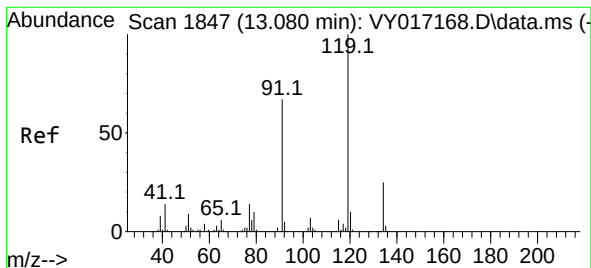
Reviewed By :Mahesh Dadoda 02/07/2024
Supervised By :Semsettin Yesilyurt 02/07/2024



#82
4-Chlorotoluene
Concen: 45.518 ug/l
RT: 12.861 min Scan# 1811
Delta R.T. 0.000 min
Lab File: VY017277.D
Acq: 06 Feb 2024 20:09

Tgt Ion: 91 Resp: 183241
Ion Ratio Lower Upper
91 100
126 34.3 17.1 51.2





#83

tert-Butylbenzene

Concen: 47.210 ug/l

RT: 13.087 min Scan# 1847

Delta R.T. 0.006 min

Lab File: VY017277.D

Acq: 06 Feb 2024 20:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

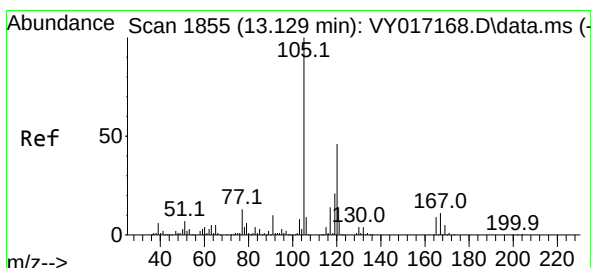
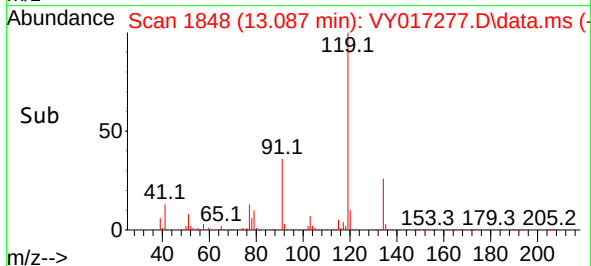
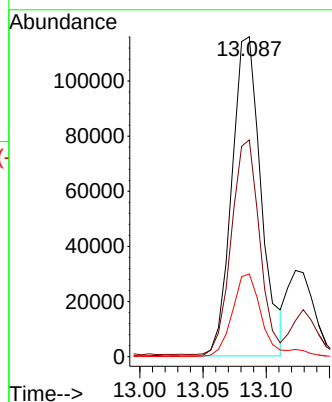
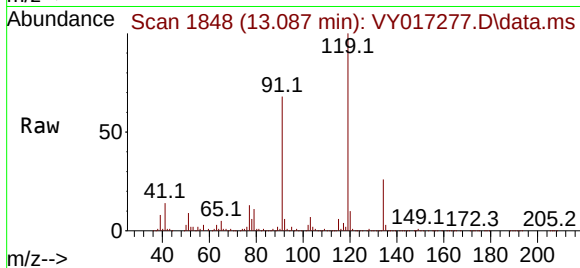
Tgt Ion:119 Resp: 18644

Ion	Ratio	Lower	Upper
119	100		
91	64.8	31.5	94.5
134	26.9	13.1	39.3

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/07/2024
Supervised By :Semsettin Yesilyurt 02/07/2024



#84

1,2,4-Trimethylbenzene

Concen: 47.189 ug/l

RT: 13.129 min Scan# 1855

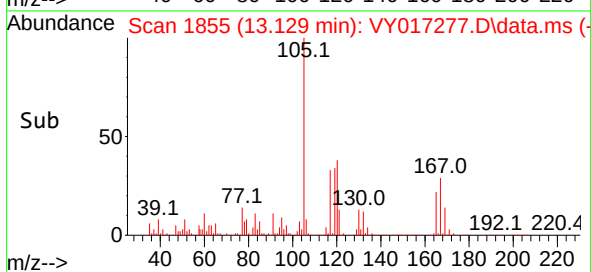
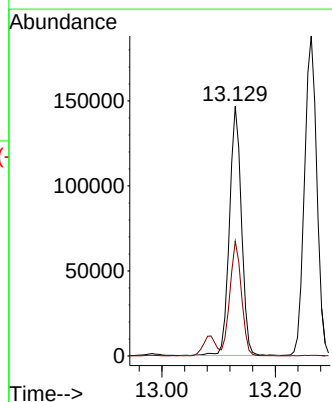
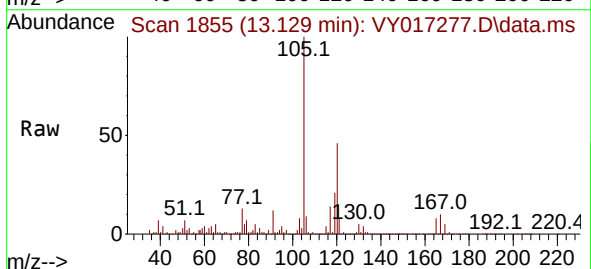
Delta R.T. 0.000 min

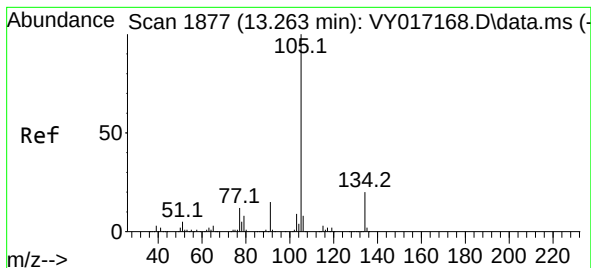
Lab File: VY017277.D

Acq: 06 Feb 2024 20:09

Tgt Ion:105 Resp: 214594

Ion	Ratio	Lower	Upper
105	100		
120	44.1	22.1	66.3





#85

sec-Butylbenzene

Concen: 45.934 ug/l

RT: 13.263 min Scan# 1877

Delta R.T. 0.000 min

Lab File: VY017277.D

Acq: 06 Feb 2024 20:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion:105 Resp: 28352

Ion Ratio Lower Upper

105 100

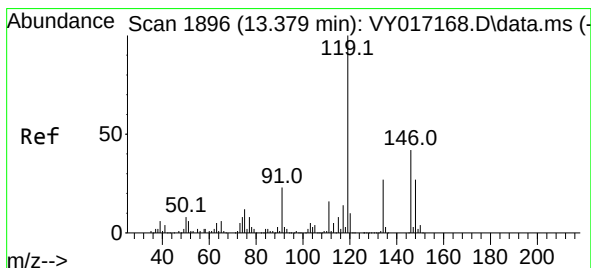
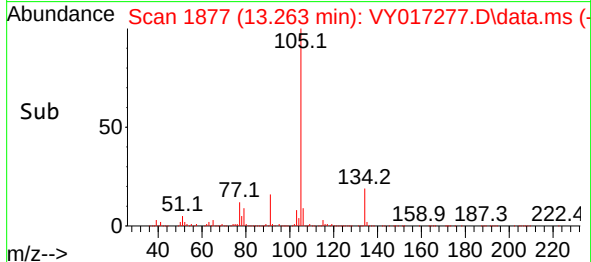
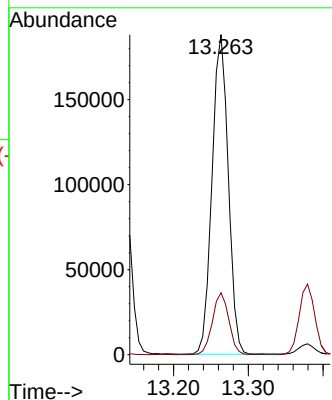
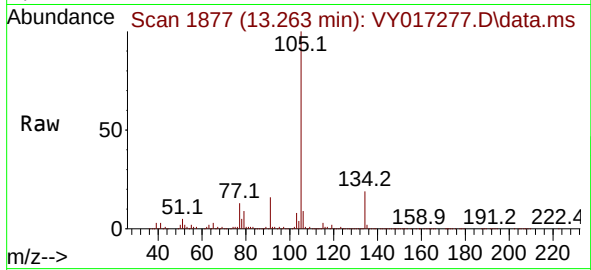
134 19.5 9.7 28.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/07/2024

Supervised By :Semsettin Yesilyurt 02/07/2024



#86

p-Isopropyltoluene

Concen: 46.324 ug/l

RT: 13.379 min Scan# 1896

Delta R.T. 0.000 min

Lab File: VY017277.D

Acq: 06 Feb 2024 20:09

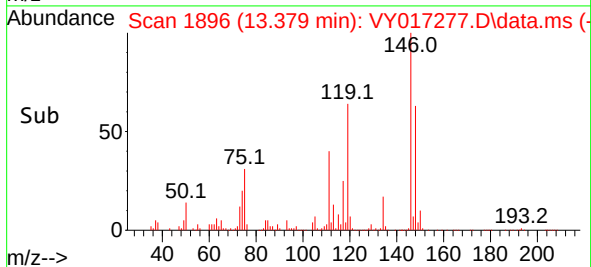
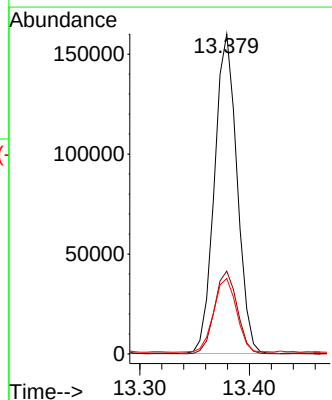
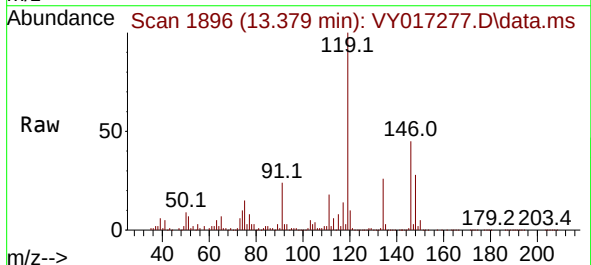
Tgt Ion:119 Resp: 228489

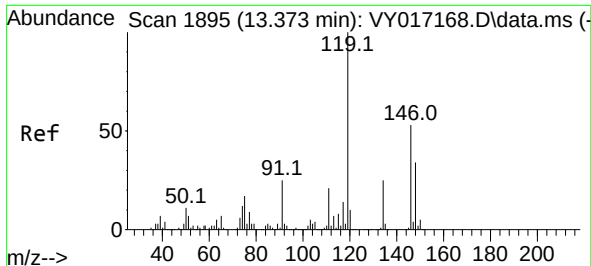
Ion Ratio Lower Upper

119 100

134 26.1 13.1 39.1

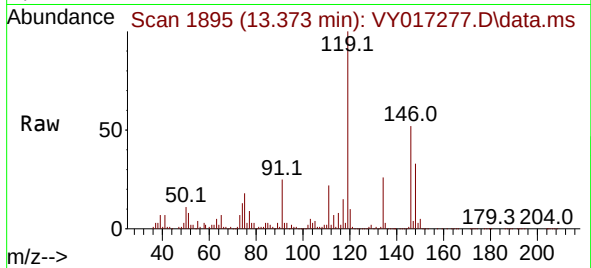
91 23.5 11.7 35.0





#87
1,3-Dichlorobenzene
Concen: 44.486 ug/l
RT: 13.373 min Scan# 1895
Delta R.T. 0.000 min
Lab File: VY017277.D
Acq: 06 Feb 2024 20:09

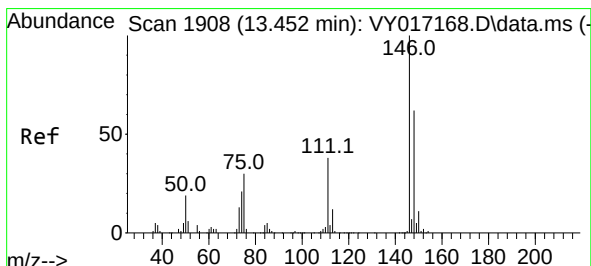
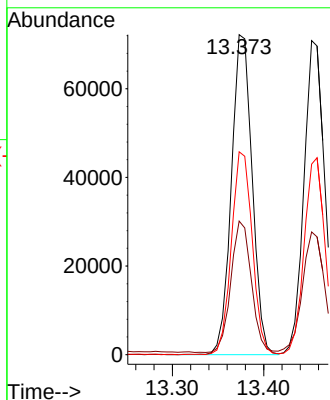
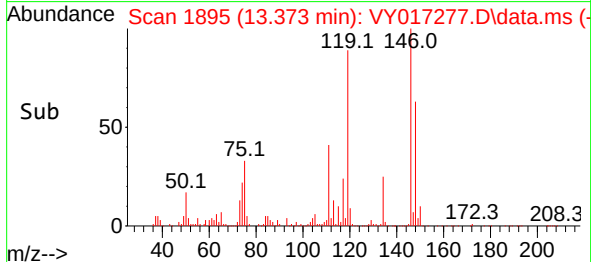
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



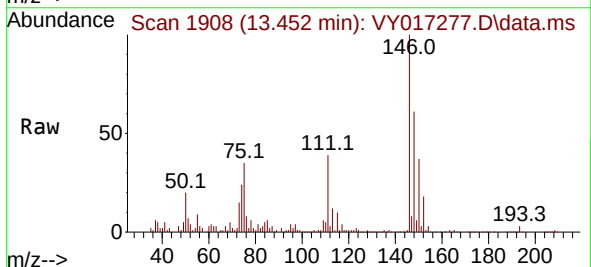
Tgt Ion:146 Resp: 114034
Ion Ratio Lower Upper
146 100
111 40.2 20.2 60.5
148 63.4 31.9 95.9

Manual Integrations
APPROVED

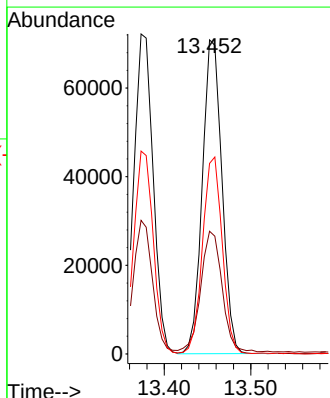
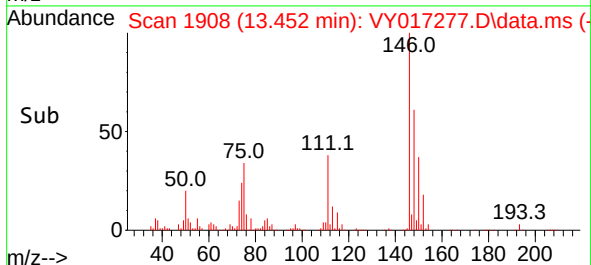
Reviewed By :Mahesh Dadoda 02/07/2024
Supervised By :Semsettin Yesilyurt 02/07/2024

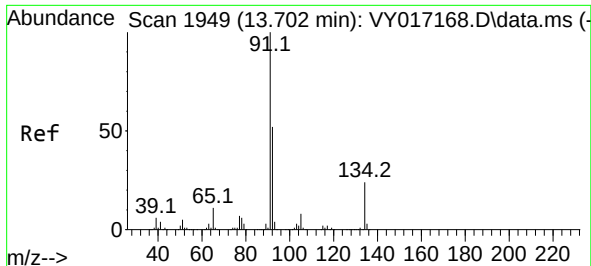


#88
1,4-Dichlorobenzene
Concen: 44.781 ug/l
RT: 13.452 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VY017277.D
Acq: 06 Feb 2024 20:09



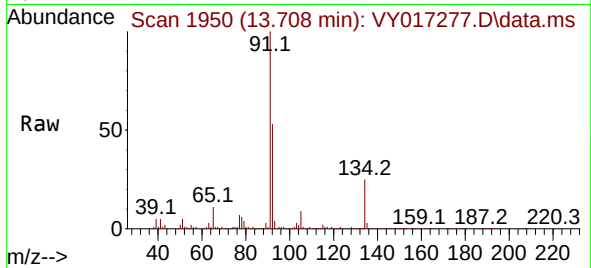
Tgt Ion:146 Resp: 111521
Ion Ratio Lower Upper
146 100
111 41.1 19.3 57.9
148 62.8 31.6 94.7





#89
n-Butylbenzene
Concen: 48.019 ug/l
RT: 13.708 min Scan# 1949
Delta R.T. 0.006 min
Lab File: VY017277.D
Acq: 06 Feb 2024 20:09

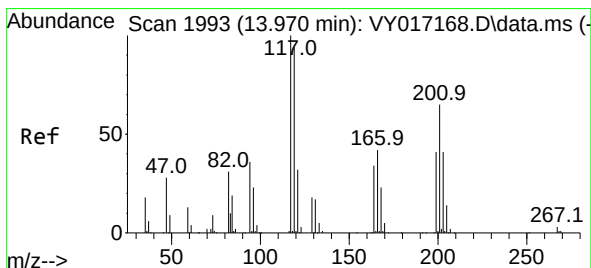
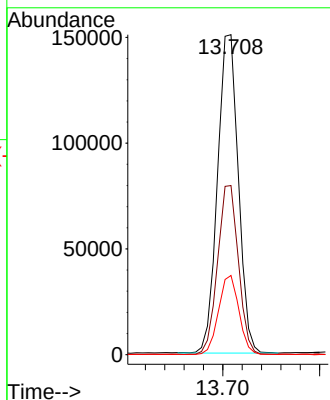
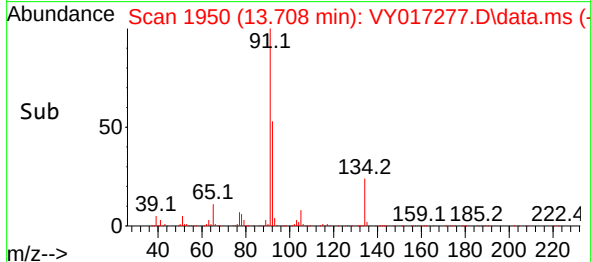
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 225189
Ion Ratio Lower Upper
91 100
92 52.9 26.4 79.2
134 24.3 12.3 36.8

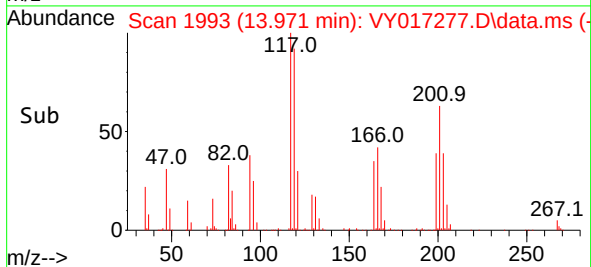
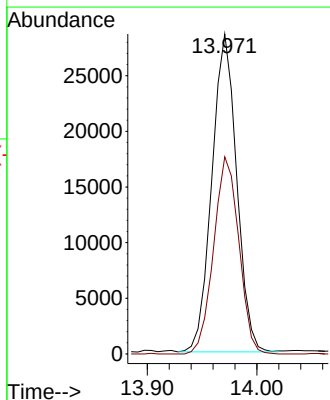
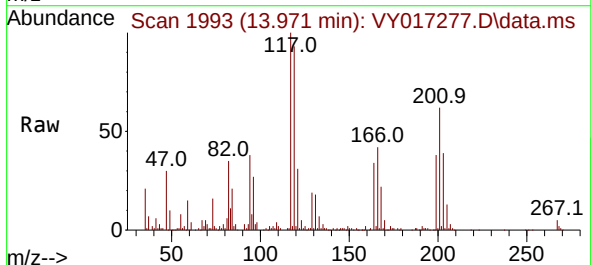
Manual Integrations
APPROVED

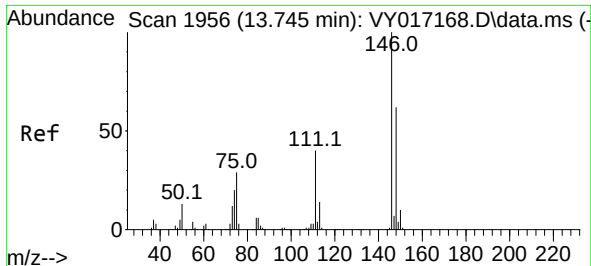
Reviewed By :Mahesh Dadoda 02/07/2024
Supervised By :Semsettin Yesilyurt 02/07/2024



#90
Hexachloroethane
Concen: 44.400 ug/l
RT: 13.971 min Scan# 1993
Delta R.T. 0.000 min
Lab File: VY017277.D
Acq: 06 Feb 2024 20:09

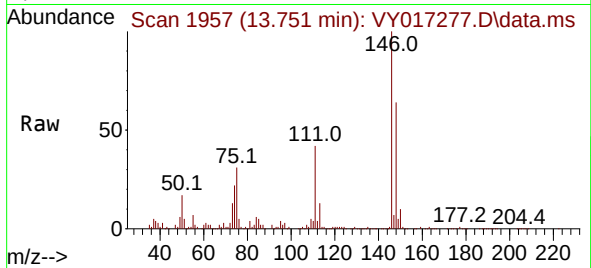
Tgt Ion:117 Resp: 44958
Ion Ratio Lower Upper
117 100
201 62.9 33.4 100.1





#91
1,2-Dichlorobenzene
Concen: 45.913 ug/l
RT: 13.751 min Scan# 1957
Delta R.T. 0.006 min
Lab File: VY017277.D
Acq: 06 Feb 2024 20:09

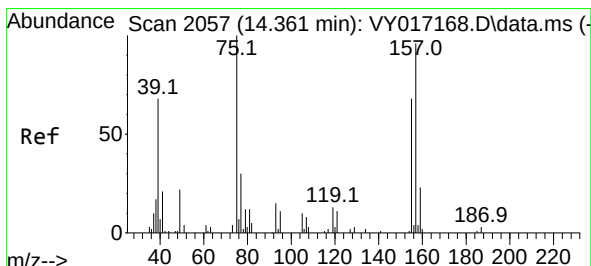
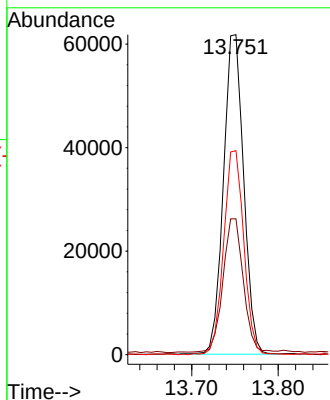
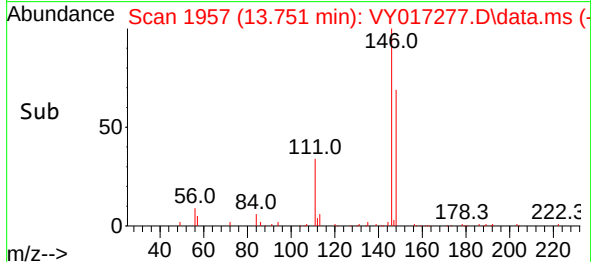
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion:146 Resp: 100190
Ion Ratio Lower Upper
146 100
111 42.6 20.5 61.6
148 63.9 31.4 94.3

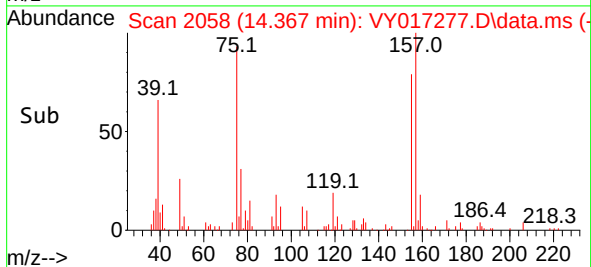
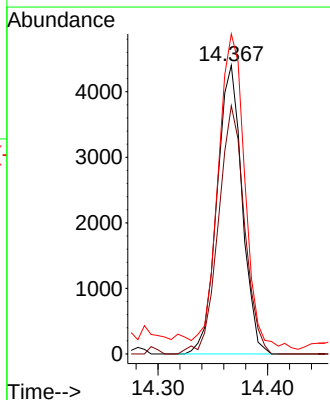
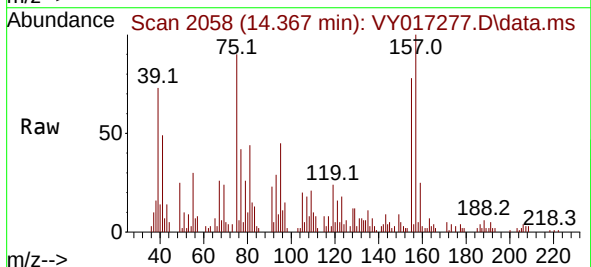
Manual Integrations
APPROVED

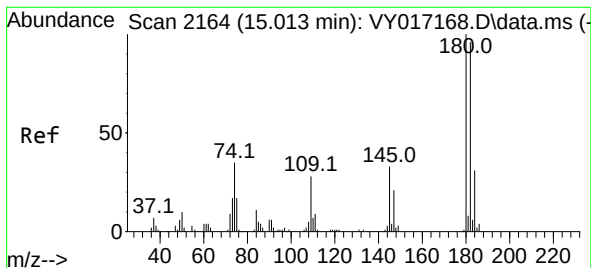
Reviewed By :Mahesh Dadoda 02/07/2024
Supervised By :Semsettin Yesilyurt 02/07/2024



#92
1,2-Dibromo-3-Chloropropane
Concen: 47.140 ug/l
RT: 14.367 min Scan# 2058
Delta R.T. 0.006 min
Lab File: VY017277.D
Acq: 06 Feb 2024 20:09

Tgt Ion: 75 Resp: 6996
Ion Ratio Lower Upper
75 100
155 89.0 42.1 126.3
157 116.4 55.8 167.4





#93

1,2,4-Trichlorobenzene

Concen: 49.039 ug/l

RT: 15.019 min Scan# 2165

Delta R.T. 0.006 min

Lab File: VY017277.D

Acq: 06 Feb 2024 20:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

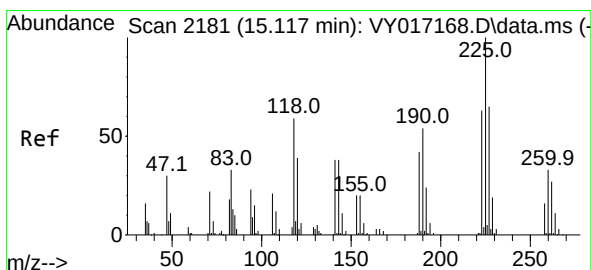
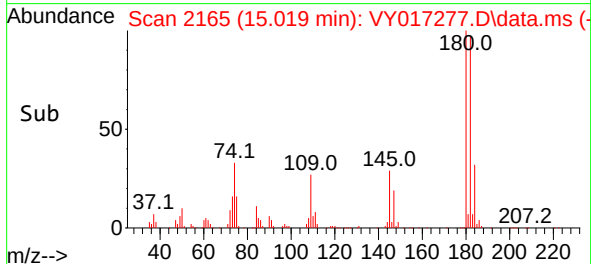
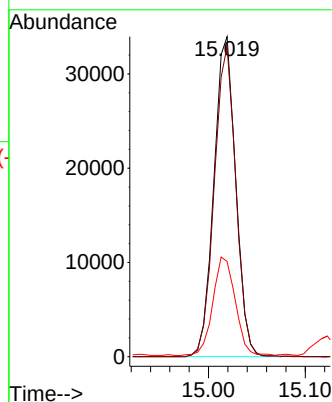
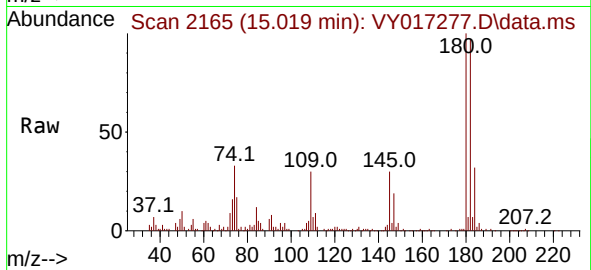
Tgt Ion:180 Resp: 53154

Ion	Ratio	Lower	Upper
180	100		
182	95.9	47.9	143.7
145	31.7	15.9	47.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/07/2024
Supervised By :Semsettin Yesilyurt 02/07/2024



#94

Hexachlorobutadiene

Concen: 42.593 ug/l

RT: 15.123 min Scan# 2182

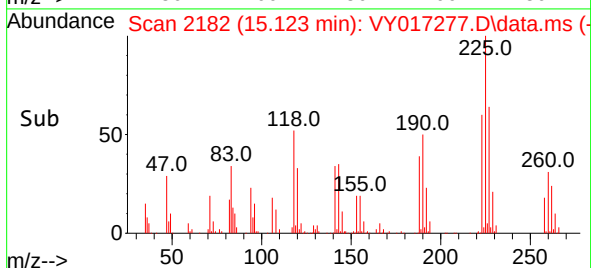
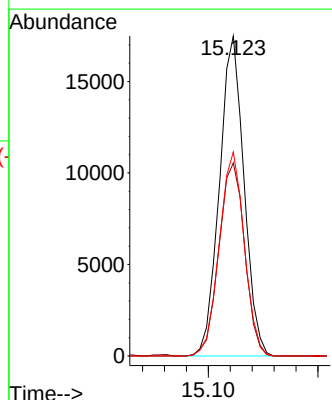
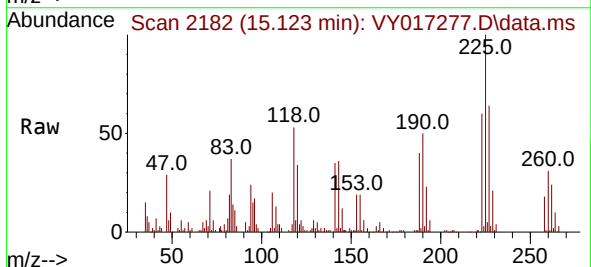
Delta R.T. 0.006 min

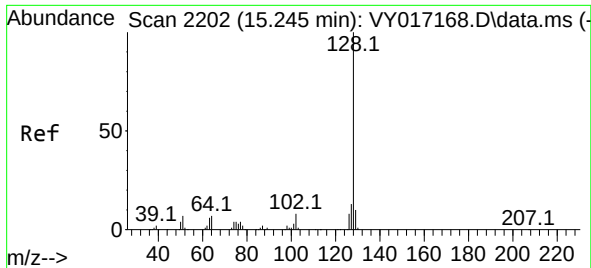
Lab File: VY017277.D

Acq: 06 Feb 2024 20:09

Tgt Ion:225 Resp: 27191

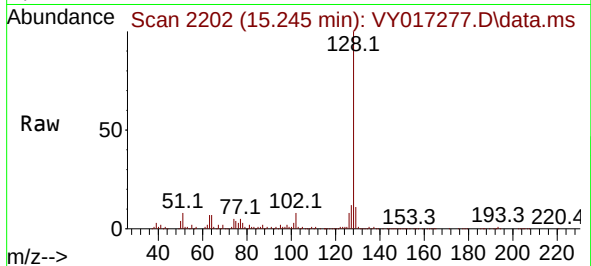
Ion	Ratio	Lower	Upper
225	100		
223	63.0	31.4	94.3
227	64.7	32.3	96.8





#95
Naphthalene
Concen: 52.256 ug/l
RT: 15.245 min Scan# 2115029
Delta R.T. -0.000 min
Lab File: VY017277.D
Acq: 06 Feb 2024 20:09

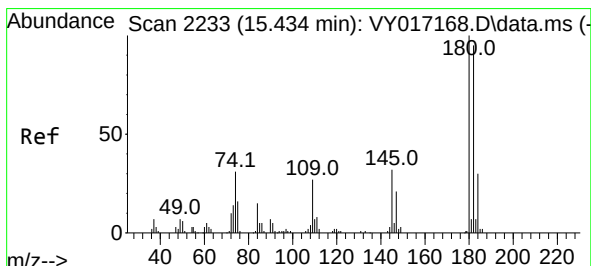
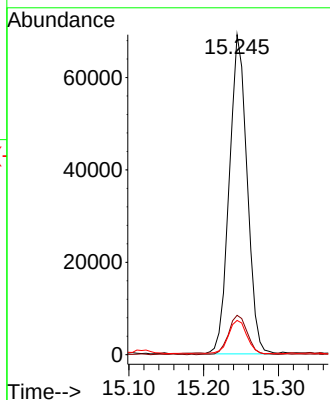
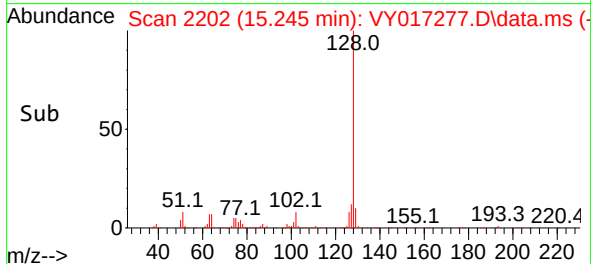
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



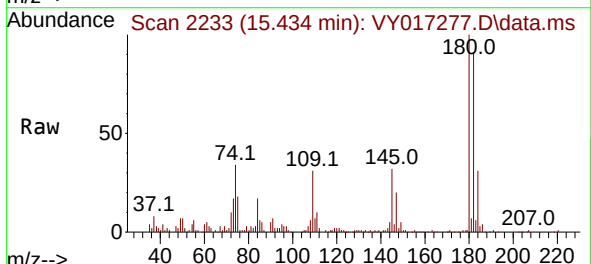
Tgt Ion:128 Resp: 115029
Ion Ratio Lower Upper
128 100
127 13.2 10.2 15.4
129 10.8 8.6 12.8

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 02/07/2024
Supervised By :Semsettin Yesilyurt 02/07/2024



#96
1,2,3-Trichlorobenzene
Concen: 49.662 ug/l
RT: 15.434 min Scan# 2233
Delta R.T. 0.000 min
Lab File: VY017277.D
Acq: 06 Feb 2024 20:09



Tgt Ion:180 Resp: 45782
Ion Ratio Lower Upper
180 100
182 94.1 46.3 138.8
145 33.0 16.1 48.2

