

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100423\
 Data File : VW027213.D
 Acq On : 04 Oct 2023 12:05
 Operator : SY/MD
 Sample : 04707-02MSRE
 Misc : 5.26g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EY1A2MSRE

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 10/05/2023
 Supervised By : Mahesh Dadoda 10/05/2023

Quant Time: Oct 04 22:50:10 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092723SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Oct 04 22:49:04 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	110135	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	108885	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	57008	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.357	65	46885	27.095	ug/L	-0.01
Spiked Amount 25.000	Range 30 - 150		Recovery = 108.360%			
7) Chloroethane-d5	2.893	69	40912	29.915	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 119.640%			
11) 1,1-Dichloroethene-d2	4.021	65	19832	27.585	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 110.360%#			
21) 2-Butanone-d5	7.081	46	17938	50.145	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 100.300%			
24) Chloroform-d	7.655	84	90112	27.956	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 111.840%			
26) 1,2-Dichloroethane-d4	8.307	65	45899	29.713	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 118.840%			
32) Benzene-d6	8.276	84	179468	26.894	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 107.560%			
36) 1,2-Dichloropropane-d6	9.276	67	54464	27.262	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 109.040%			
41) Toluene-d8	10.325	98	149951	25.465	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 101.840%			
43) trans-1,3-Dichloroprop...	10.575	79	20856	26.601	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 106.400%			
47) 2-Hexanone-d5	10.928	63	6198	20.281	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 40.560%			
56) 1,1,2,2-Tetrachloroeth...	12.690	84	42048	27.501	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 110.000%			
66) 1,2-Dichlorobenzene-d4	13.849	152	50248	26.288	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 105.160%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.015	85	29335	20.499	ug/L	91
3) Chloromethane	2.223	50	27433	14.201	ug/L	94
5) Vinyl chloride	2.369	62	32494	15.407	ug/L	96
6) Bromomethane	2.790	94	23810	17.136	ug/L	85
8) Chloroethane	2.924	64	21994	17.183	ug/L	94
9) Trichlorofluoromethane	3.271	101	50722	28.615	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	28795	16.146	ug/L #	78
12) 1,1-Dichloroethene	4.039	96	25630	15.042	ug/L #	56
13) Acetone	4.125	43	18599	42.076	ug/L	81
14) Carbon disulfide	4.387	76	81628	14.274	ug/L	99
15) Methyl Acetate	4.692	43	11223m	15.148	ug/L	
16) Methylene chloride	4.917	84	33727	15.644	ug/L	94
17) trans-1,2-Dichloroethene	5.429	96	26924	14.686	ug/L	100
18) Methyl tert-butyl Ether	5.429	73	50853m	22.166	ug/L	
19) 1,1-Dichloroethane	6.222	63	50480	14.765	ug/L	98
20) cis-1,2-Dichloroethene	7.173	96	28171	14.416	ug/L	95
22) 2-Butanone	7.179	43	17227	31.511	ug/L	91
23) Bromochloromethane	7.514	128	13847	15.529	ug/L #	88
25) Chloroform	7.679	83	53175	15.947	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.404	62	33770	16.532	ug/L	98
29) Cyclohexane	7.965	56	36139	12.475	ug/L	95
30) 1,1,1-Trichloroethane	7.874	97	47414	17.517	ug/L	99
31) Carbon tetrachloride	8.069	117	43246	16.916	ug/L	96
33) Benzene	8.325	78	112493	14.617	ug/L	100
34) Trichloroethene	9.087	95	29180	14.520	ug/L	93
35) Methylcyclohexane	9.331	83	41103	12.160	ug/L	98
37) 1,2-Dichloropropane	9.374	63	28933	14.591	ug/L	99
38) Bromodichloromethane	9.642	83	35666	14.975	ug/L #	94
39) cis-1,3-Dichloropropene	10.075	75	39487	13.515	ug/L	95
40) 4-Methyl-2-pentanone	10.209	43	18436	19.164	ug/L	98
42) Toluene	10.386	91	109012	13.793	ug/L	94
44) trans-1,3-Dichloropropene	10.605	75	34119	14.248	ug/L	97
45) 1,1,2-Trichloroethane	10.788	97	21758	15.162	ug/L	98
46) Tetrachloroethene	10.867	164	23518	14.887	ug/L	94
48) 2-Hexanone	10.971	43	9831	13.035	ug/L	98
49) Dibromochloromethane	11.130	129	24332	15.634	ug/L	96
50) 1,2-Dibromoethane	11.233	107	18753	14.083	ug/L	97
51) Chlorobenzene	11.654	112	70517	13.446	ug/L	98
52) Ethylbenzene	11.727	91	112676	12.691	ug/L	98
53) m,p-Xylene	11.837	106	43916	12.899	ug/L	97
54) o-Xylene	12.166	106	39319	12.363	ug/L	100
55) Styrene	12.178	104	69479	12.691	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.715	83	24935	14.486	ug/L #	95
59) Bromoform	12.343	173	13920	15.463	ug/L #	96
60) Isopropylbenzene	12.465	105	114918	13.690	ug/L	100
61) 1,2,3-Trichloropropane	12.763	75	17756	15.213	ug/L	97
62) 1,3,5-Trimethylbenzene	12.940	105	81259	12.346	ug/L	100
63) 1,2,4-Trimethylbenzene	13.245	105	80021	12.407	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	51258	13.230	ug/L	85
65) 1,4-Dichlorobenzene	13.580	146	51337	13.188	ug/L	97
67) 1,2-Dichlorobenzene	13.867	146	48090	14.161	ug/L #	87
68) 1,2-Dibromo-3-chloropr...	14.483	75	3198	12.792	ug/L #	83
69) 1,3,5-Trichlorobenzene	14.623	180	32687	13.102	ug/L	91
70) 1,2,4-trichlorobenzene	15.129	180	22652	11.508	ug/L	97
71) Naphthalene	15.360	128	25704	7.401	ug/L	97
72) 1,2,3-Trichlorobenzene	15.543	180	16670	9.541	ug/L	95

(#) = qualifier out of range (m) = manual integration (+) = signals summed

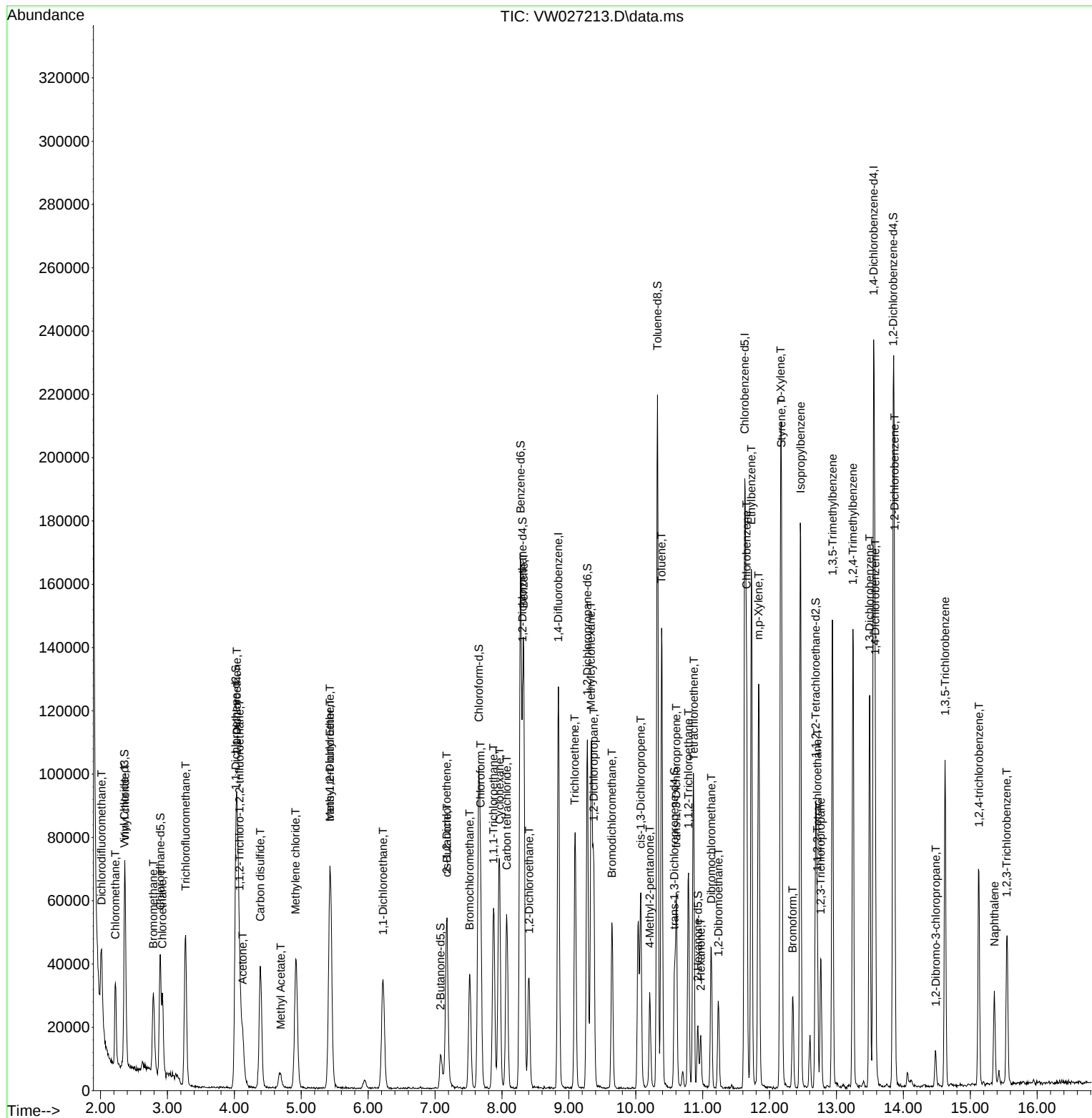
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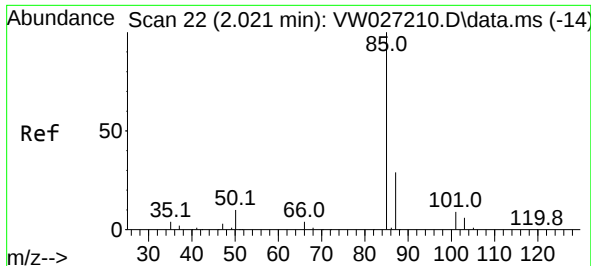
Instrument :
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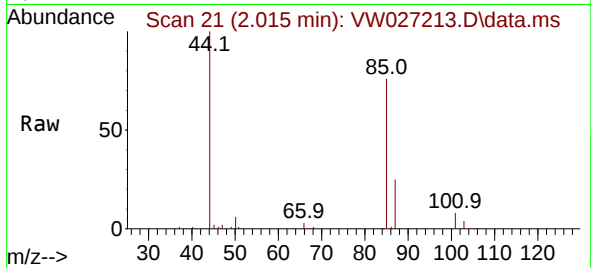
Reviewed By : Semsettin Yesilyurt 10/05/2023
 Supervised By : Mahesh Dadoda 10/05/2023





#2
Dichlorodifluoromethane
Concen: 20.499 ug/L
RT: 2.015 min Scan# 21
Delta R.T. -0.006 min
Lab File: VW027213.D
Acq: 04 Oct 2023 12:05

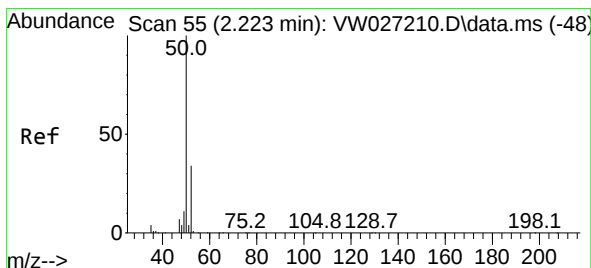
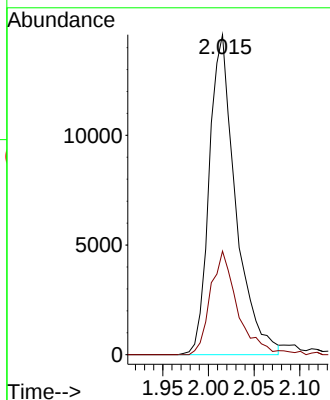
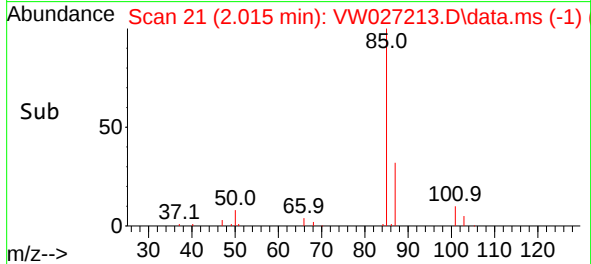
Instrument :
MSVOA_W
ClientSampleId :
EY1A2MSRE



Tgt Ion: 85 Resp: 2933
Ion Ratio Lower Upper
85 100
87 32.5 22.1 33.1

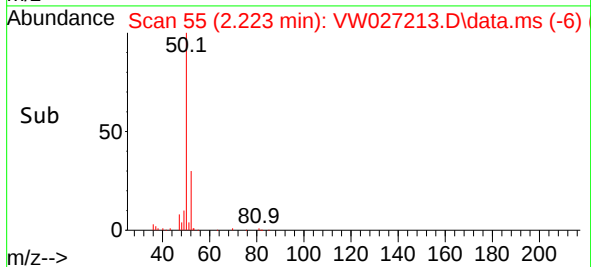
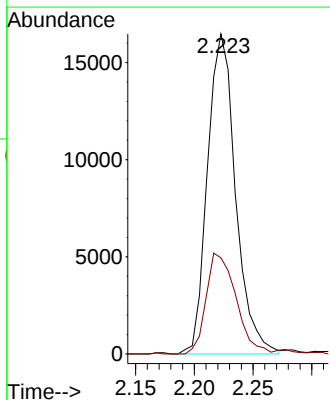
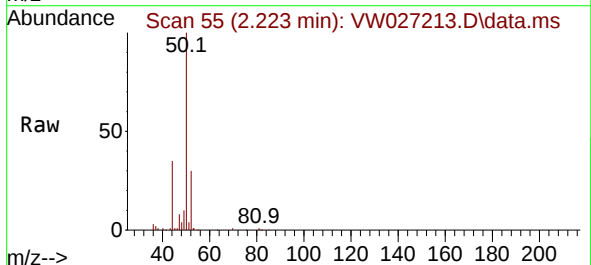
Manual Integrations
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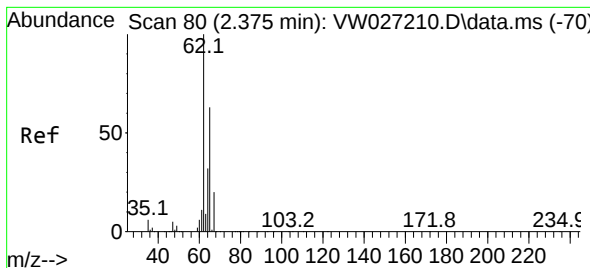
Reviewed By :Semsettin Yesilyurt 10/05/2023
Supervised By :Mahesh Dadoda 10/05/2023



#3
Chloromethane
Concen: 14.201 ug/L
RT: 2.223 min Scan# 55
Delta R.T. 0.000 min
Lab File: VW027213.D
Acq: 04 Oct 2023 12:05

Tgt Ion: 50 Resp: 27433
Ion Ratio Lower Upper
50 100
52 30.0 23.5 43.7





#5

Vinyl chloride

Concen: 15.407 ug/L

RT: 2.369 min Scan# 79

Delta R.T. -0.006 min

Lab File: VW027213.D

Acq: 04 Oct 2023 12:05

Instrument :

MSVOA_W

ClientSampleId :

EY1A2MSRE

Tgt Ion: 62 Resp: 32494

Ion Ratio Lower Upper

62 100

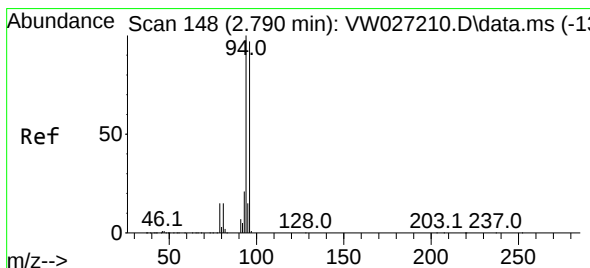
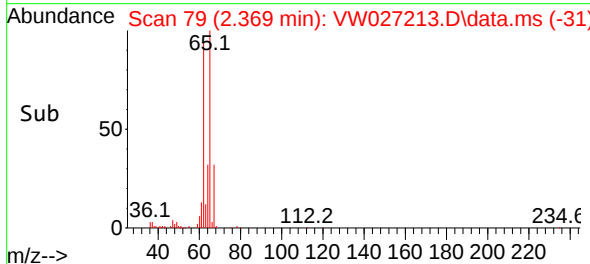
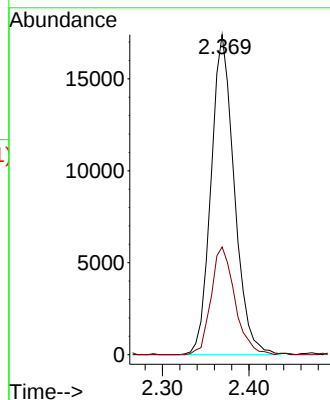
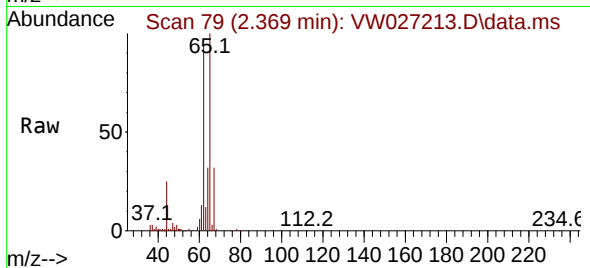
64 33.7 22.2 41.2

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 10/05/2023

Supervised By :Mahesh Dadoda 10/05/2023



#6

Bromomethane

Concen: 17.136 ug/L

RT: 2.790 min Scan# 148

Delta R.T. 0.000 min

Lab File: VW027213.D

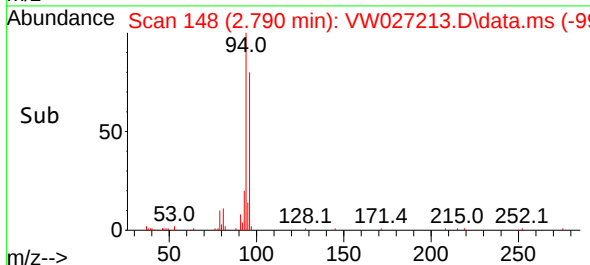
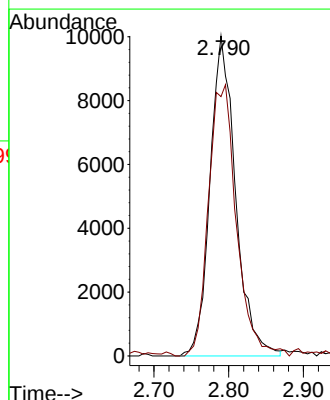
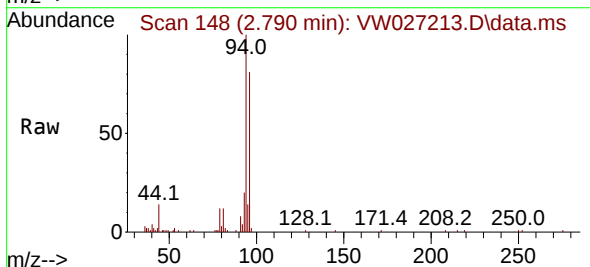
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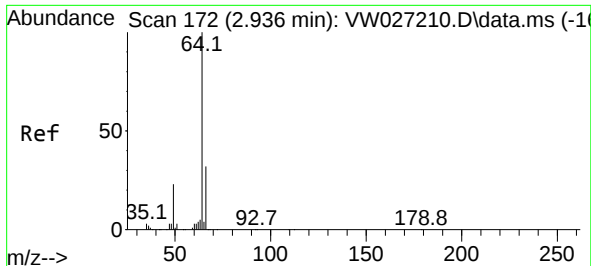
Tgt Ion: 94 Resp: 23810

Ion Ratio Lower Upper

94 100

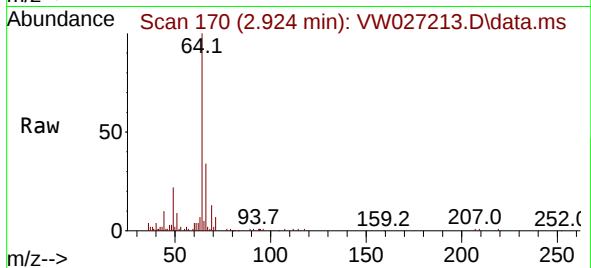
96 81.0 66.8 124.0





#8
Chloroethane
Concen: 17.183 ug/L
RT: 2.924 min Scan# 170
Delta R.T. -0.012 min
Lab File: VW027213.D
Acq: 04 Oct 2023 12:05

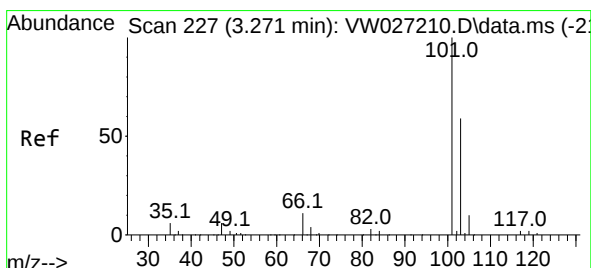
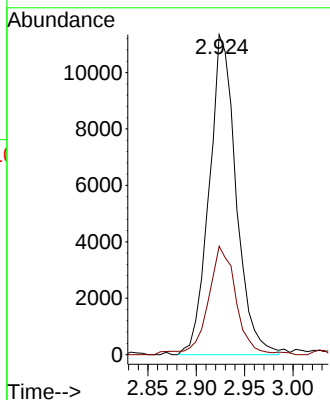
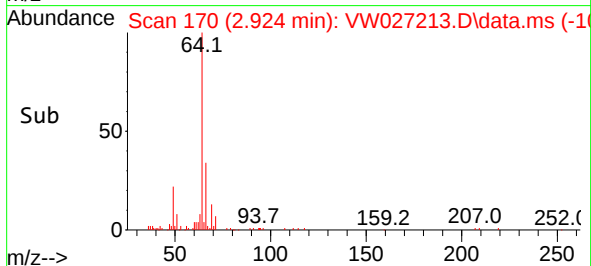
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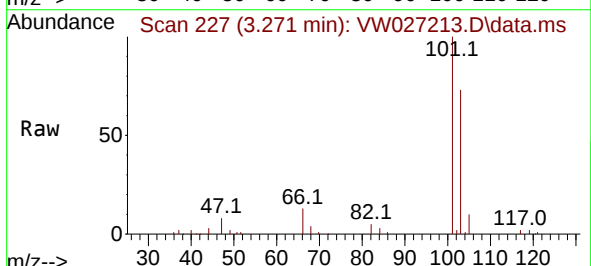
Tgt Ion: 64 Resp: 21994
Ion Ratio Lower Upper
64 100
66 33.9 21.5 39.9

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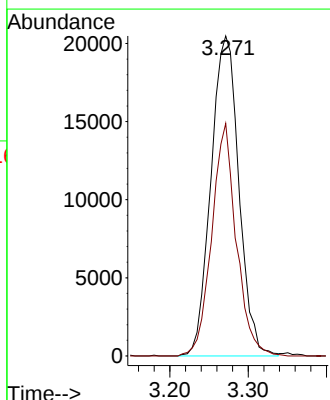
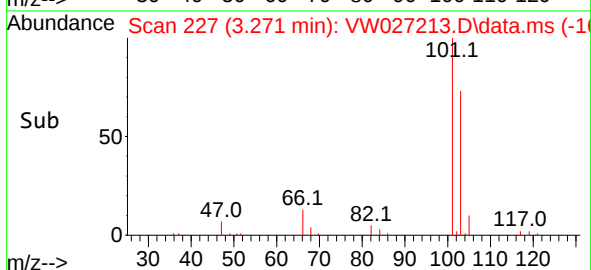
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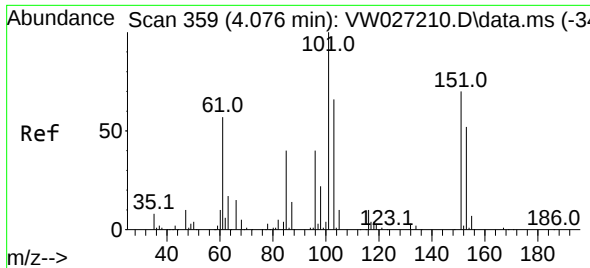


#9
Trichlorofluoromethane
Concen: 28.615 ug/L
RT: 3.271 min Scan# 227
Delta R.T. 0.000 min
Lab File: VW027213.D
Acq: 04 Oct 2023 12:05



Tgt Ion:101 Resp: 50722
Ion Ratio Lower Upper
101 100
103 64.0 52.0 78.0





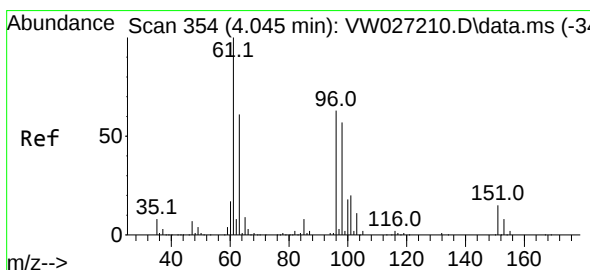
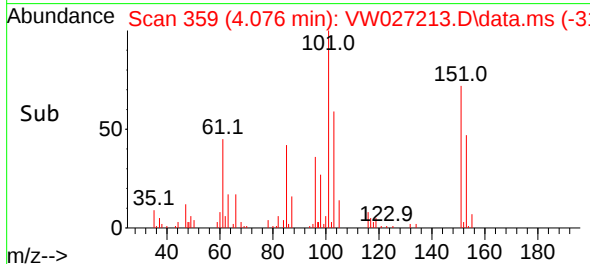
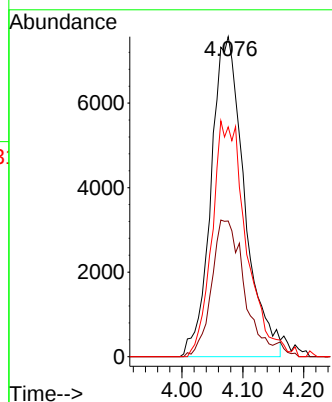
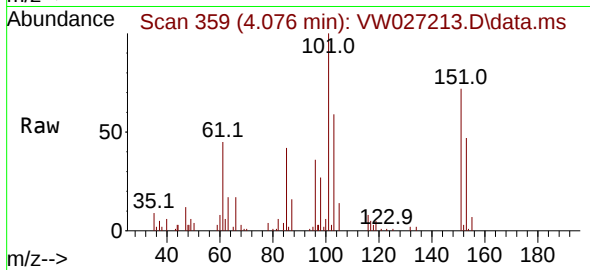
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 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 16.146 ug/L
 RT: 4.076 min Scan# 359
 Delta R.T. 0.000 min
 Lab File: VW027213.D
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Tgt Ion:101 Resp: 2879
 Ion Ratio Lower Upper
 101 100
 85 41.5 33.1 49.7
 151 44.3 58.6 87.8

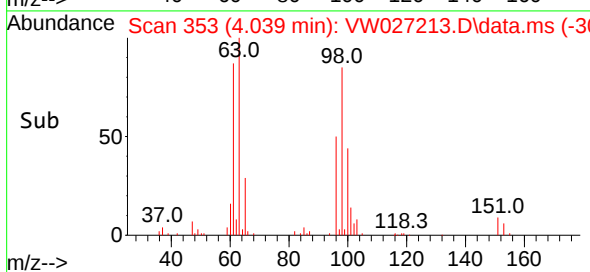
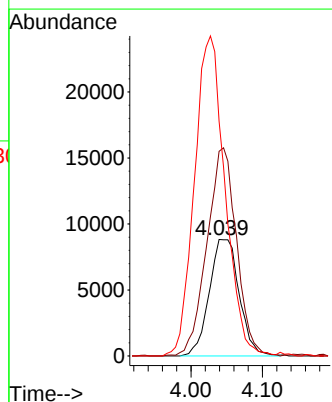
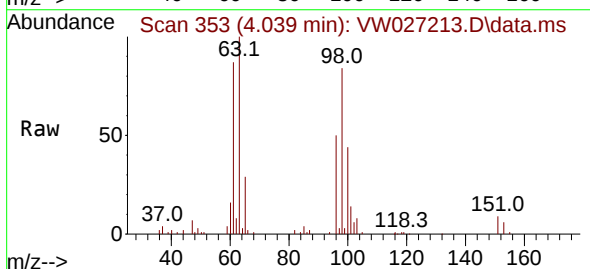
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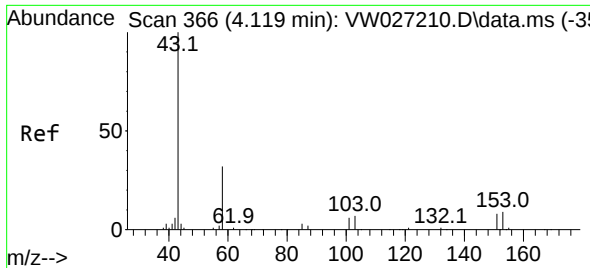
Reviewed By :Semsettin Yesilyurt 10/05/2023
 Supervised By :Mahesh Dadoda 10/05/2023



#12
 1,1-Dichloroethene
 Concen: 15.042 ug/L
 RT: 4.039 min Scan# 353
 Delta R.T. -0.006 min
 Lab File: VW027213.D
 Acq: 04 Oct 2023 12:05

Tgt Ion: 96 Resp: 25630
 Ion Ratio Lower Upper
 96 100
 61 175.7 109.8 204.0
 63 201.6 76.9 142.7





#13

Acetone

Concen: 42.076 ug/L

RT: 4.125 min Scan# 367

Delta R.T. 0.006 min

Lab File: VW027213.D

Acq: 04 Oct 2023 12:05

Instrument :

MSVOA_W

ClientSampleId :

EY1A2MSRE

Tgt Ion: 43 Resp: 1859

Ion Ratio Lower Upper

43 100

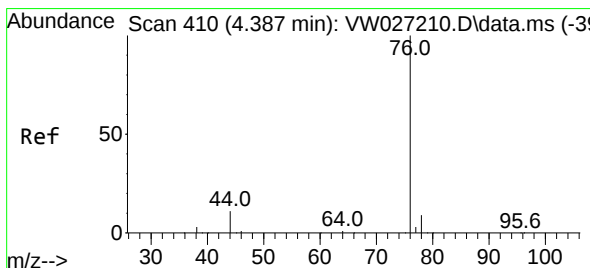
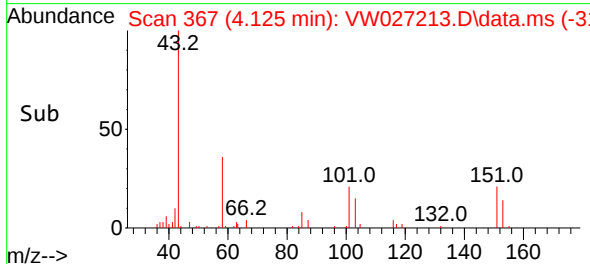
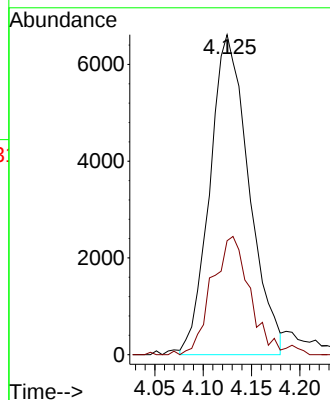
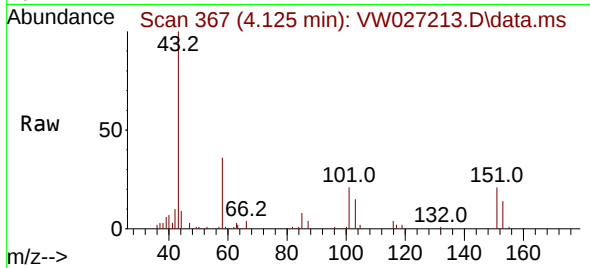
58 24.4 0.0 70.4

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#14

Carbon disulfide

Concen: 14.274 ug/L

RT: 4.387 min Scan# 410

Delta R.T. 0.000 min

Lab File: VW027213.D

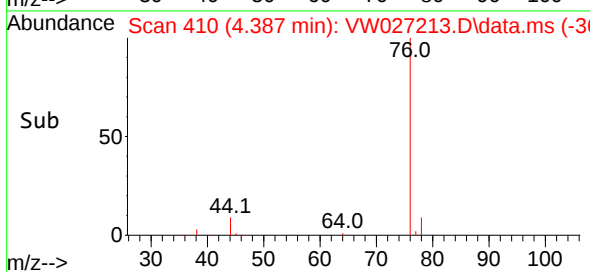
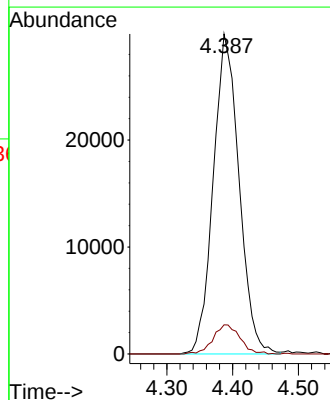
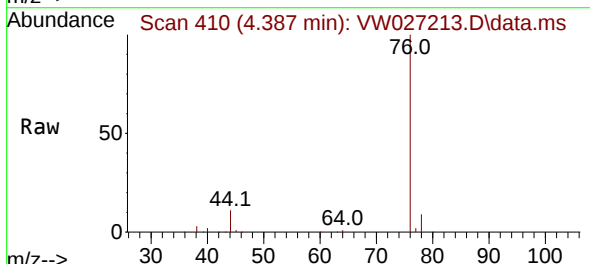
Acq: 04 Oct 2023 12:05

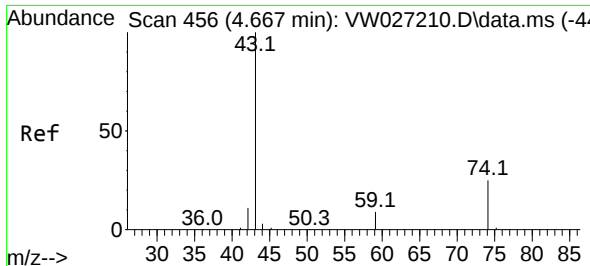
Tgt Ion: 76 Resp: 81628

Ion Ratio Lower Upper

76 100

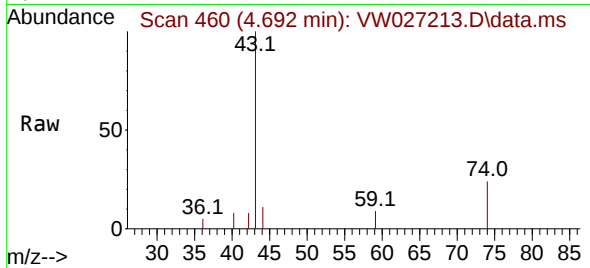
78 9.1 7.0 10.6





#15
Methyl Acetate
Concen: 15.148 ug/L m
RT: 4.692 min Scan# 4
Delta R.T. 0.024 min
Lab File: VW027213.D
Acq: 04 Oct 2023 12:05

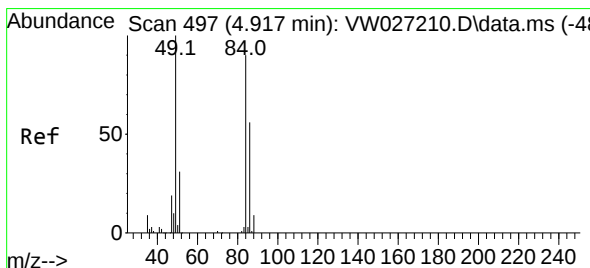
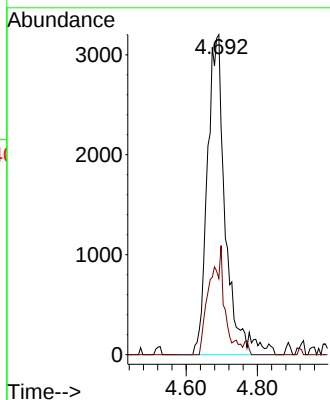
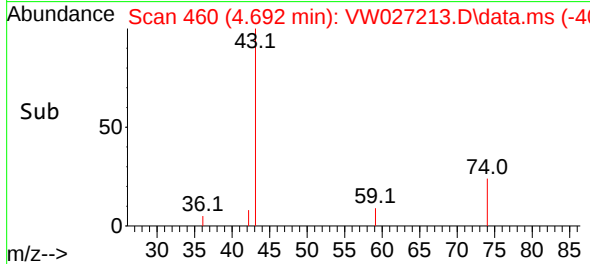
Instrument :
MSVOA_W
ClientSampleId :
EY1A2MSRE



Tgt Ion: 43 Resp: 1122
Ion Ratio Lower Upper
43 100
74 0.4 20.8 31.2

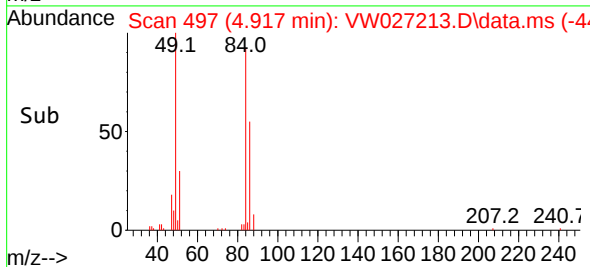
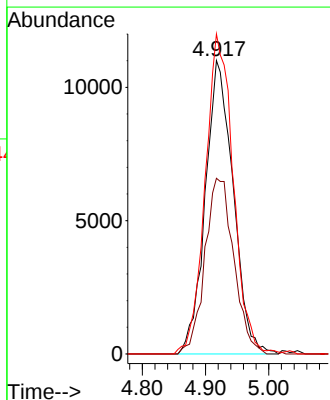
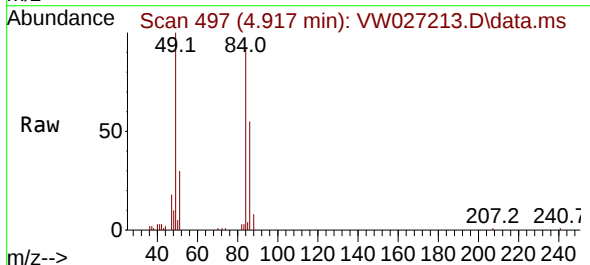
Manual Integrations
APPROVED

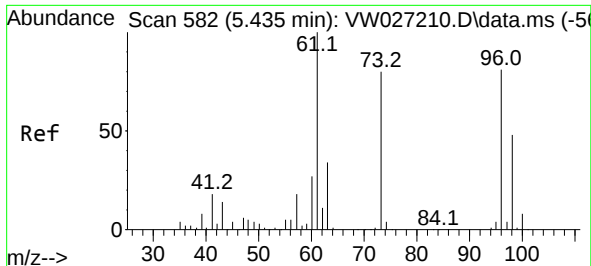
Reviewed By :Semsettin Yesilyurt 10/05/2023
Supervised By :Mahesh Dadoda 10/05/2023



#16
Methylene chloride
Concen: 15.644 ug/L
RT: 4.917 min Scan# 497
Delta R.T. 0.000 min
Lab File: VW027213.D
Acq: 04 Oct 2023 12:05

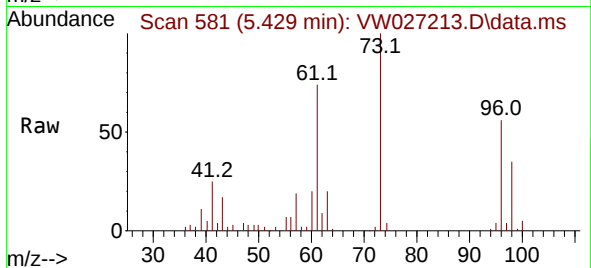
Tgt Ion: 84 Resp: 33727
Ion Ratio Lower Upper
84 100
86 59.9 45.1 83.9
49 109.0 80.9 150.3





#17
trans-1,2-Dichloroethene
Concen: 14.686 ug/L
RT: 5.429 min Scan# 582
Delta R.T. -0.006 min
Lab File: VW027213.D
Acq: 04 Oct 2023 12:05

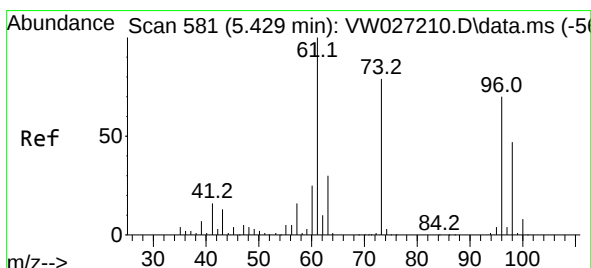
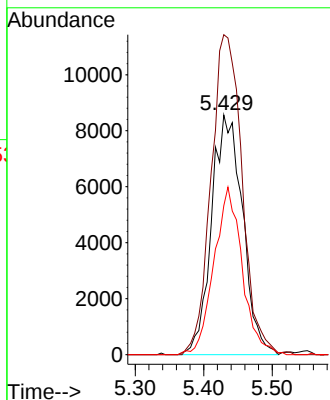
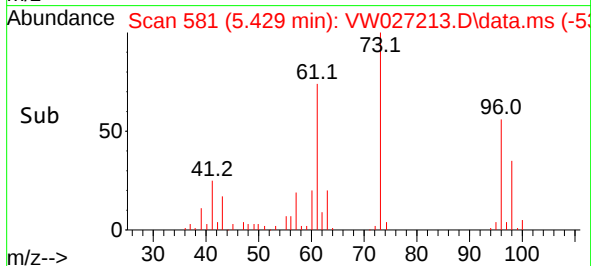
Instrument :
MSVOA_W
ClientSampleId :
EY1A2MSRE



Tgt Ion: 96 Resp: 26924
Ion Ratio Lower Upper
96 100
61 133.5 93.5 173.7
98 62.2 43.3 80.5

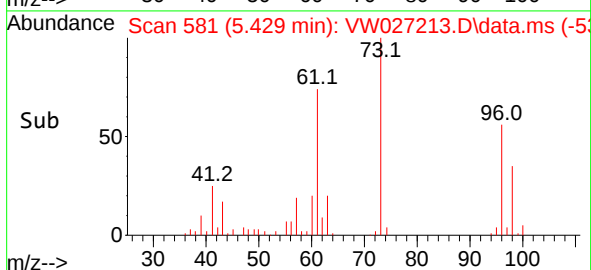
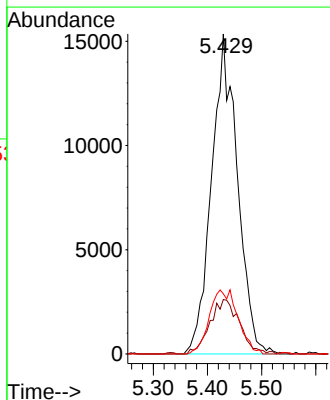
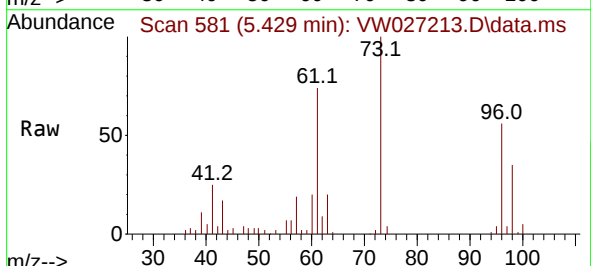
Manual Integrations
APPROVED

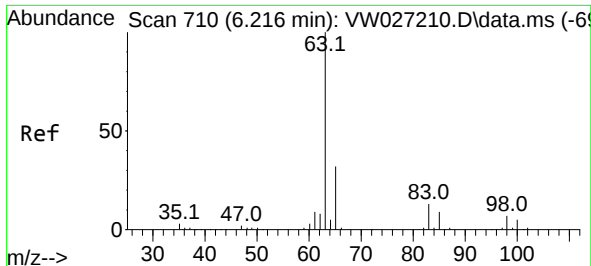
Reviewed By :Semsettin Yesilyurt 10/05/2023
Supervised By :Mahesh Dadoda 10/05/2023



#18
Methyl tert-butyl Ether
Concen: 22.166 ug/L m
RT: 5.429 min Scan# 581
Delta R.T. 0.000 min
Lab File: VW027213.D
Acq: 04 Oct 2023 12:05

Tgt Ion: 73 Resp: 50853
Ion Ratio Lower Upper
73 100
43 19.4 14.2 21.2
57 13.7 18.3 27.5#





#19

1,1-Dichloroethane

Concen: 14.765 ug/L

RT: 6.222 min Scan# 710

Delta R.T. 0.006 min

Lab File: VW027213.D

Acq: 04 Oct 2023 12:05

Instrument :

MSVOA_W

ClientSampleId :

EY1A2MSRE

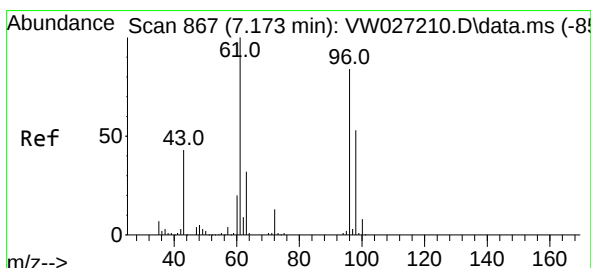
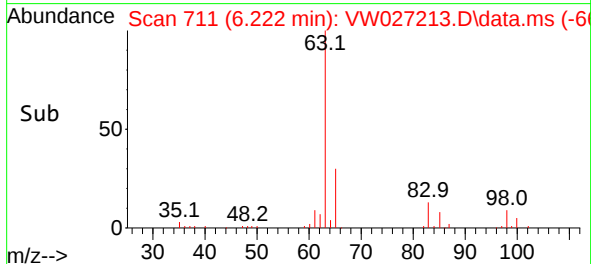
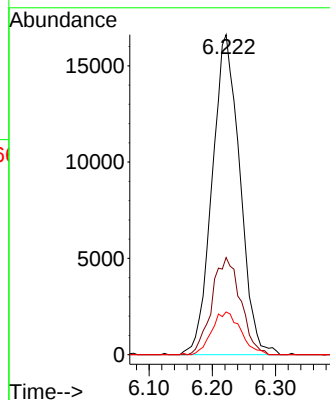
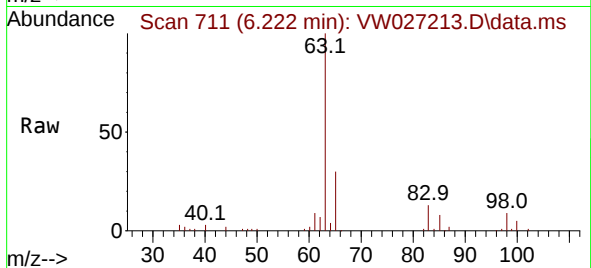
Tgt Ion: 63 Resp: 50480

Ion	Ratio	Lower	Upper
63	100		
65	30.3	22.5	41.9
83	13.3	9.4	17.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/05/2023
Supervised By :Mahesh Dadoda 10/05/2023



#20

cis-1,2-Dichloroethene

Concen: 14.416 ug/L

RT: 7.173 min Scan# 867

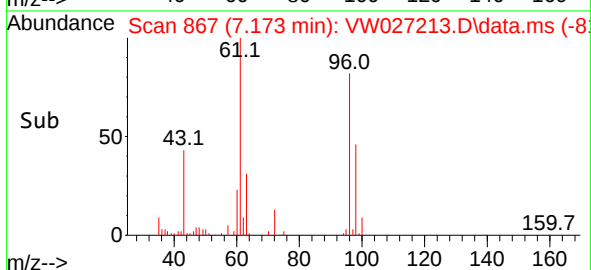
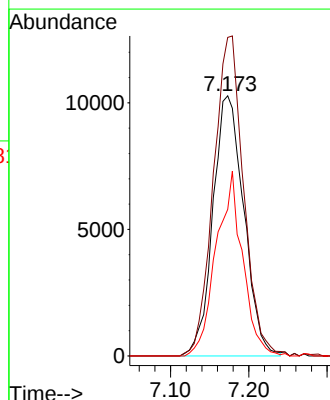
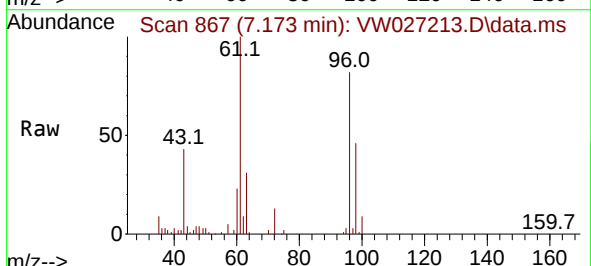
Delta R.T. 0.000 min

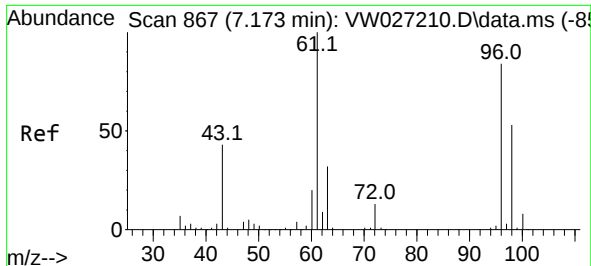
Lab File: VW027213.D

Acq: 04 Oct 2023 12:05

Tgt Ion: 96 Resp: 28171

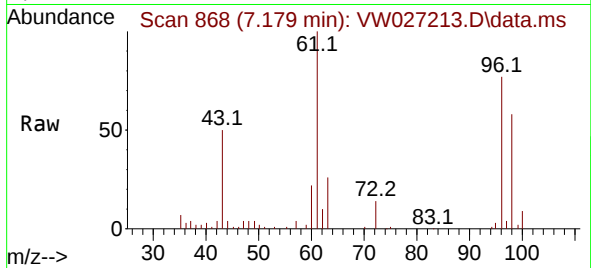
Ion	Ratio	Lower	Upper
96	100		
61	122.4	82.7	153.5
98	56.4	43.0	80.0





#22
2-Butanone
Concen: 31.511 ug/L
RT: 7.179 min Scan# 867
Delta R.T. 0.006 min
Lab File: VW027213.D
Acq: 04 Oct 2023 12:05

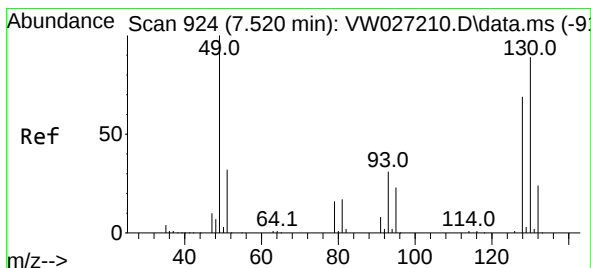
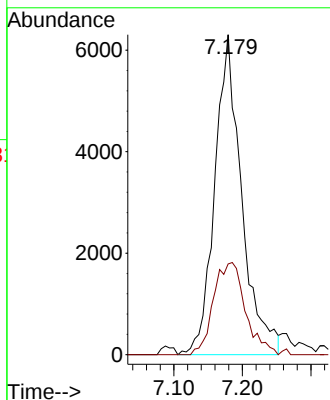
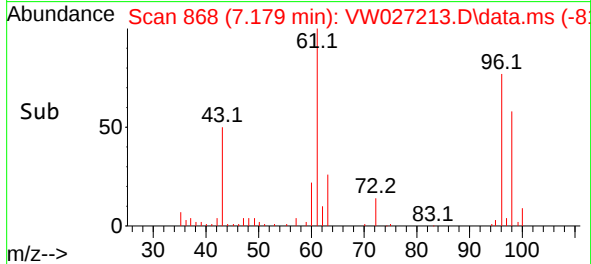
Instrument :
MSVOA_W
ClientSampleId :
EY1A2MSRE



Tgt Ion: 43 Resp: 1722
Ion Ratio Lower Upper
43 100
72 34.1 14.6 44.0

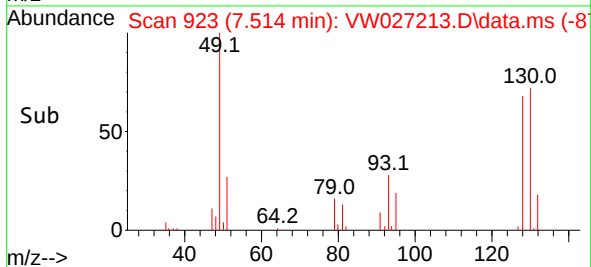
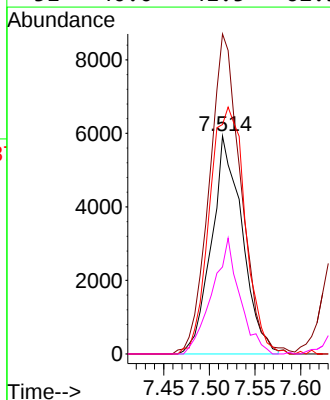
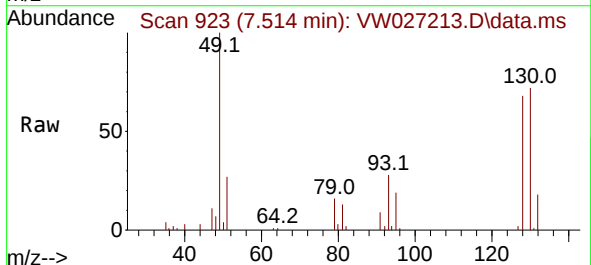
Manual Integrations
APPROVED

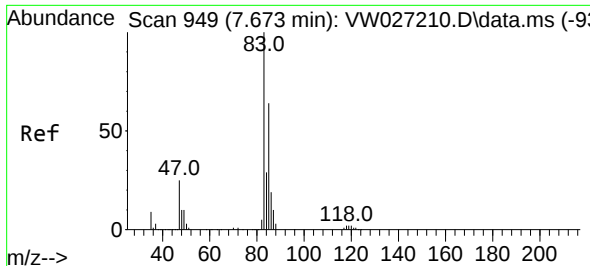
Reviewed By :Semsettin Yesilyurt 10/05/2023
Supervised By :Mahesh Dadoda 10/05/2023



#23
Bromochloromethane
Concen: 15.529 ug/L
RT: 7.514 min Scan# 923
Delta R.T. -0.006 min
Lab File: VW027213.D
Acq: 04 Oct 2023 12:05

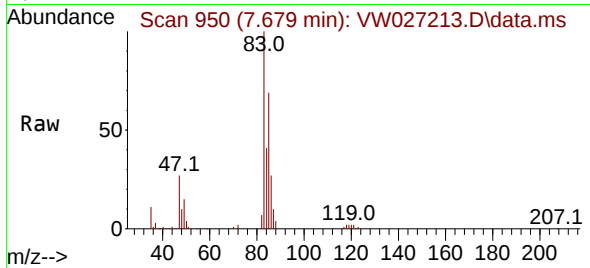
Tgt Ion:128 Resp: 13847
Ion Ratio Lower Upper
128 100
49 146.9 112.1 208.1
130 105.3 83.9 155.7
51 40.0 41.5 62.3#





#25
Chloroform
Concen: 15.947 ug/L
RT: 7.679 min Scan# 949
Delta R.T. 0.006 min
Lab File: VW027213.D
Acq: 04 Oct 2023 12:05

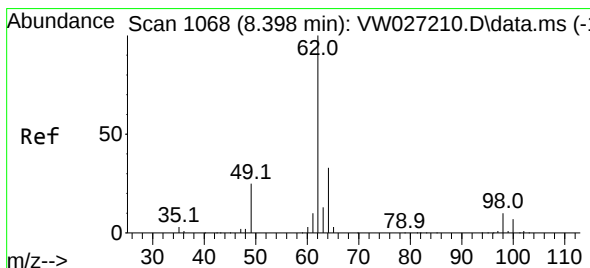
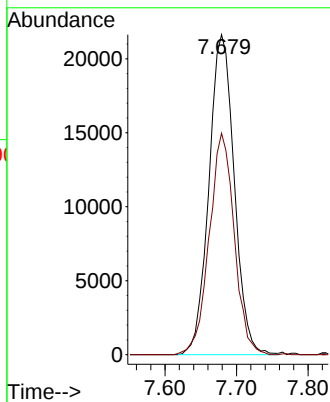
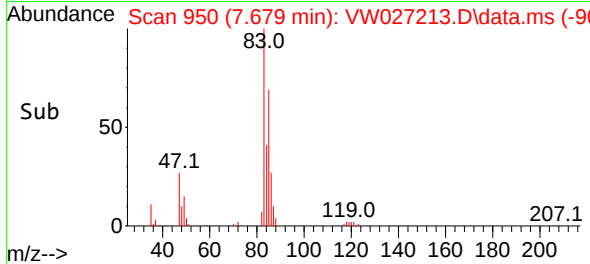
Instrument :
MSVOA_W
ClientSampleId :
EY1A2MSRE



Tgt Ion: 83 Resp: 5317
Ion Ratio Lower Upper
83 100
85 69.2 47.7 88.5

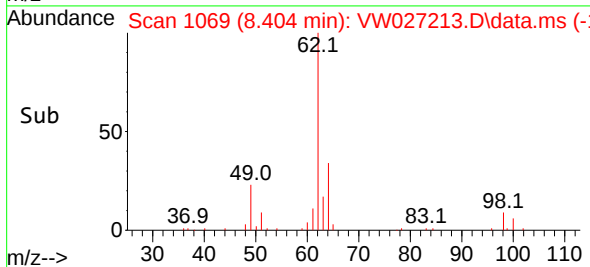
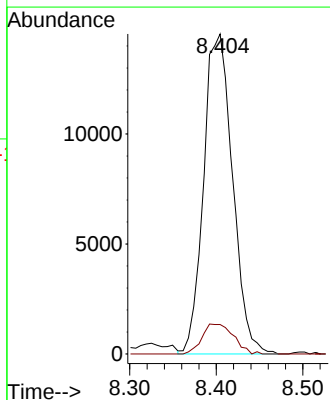
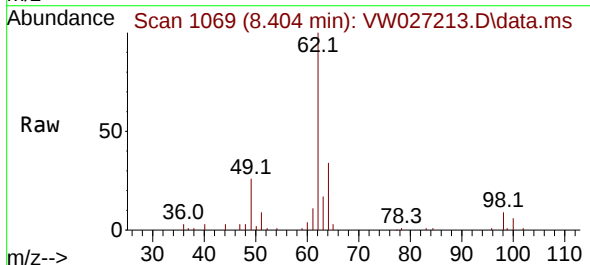
Manual Integrations
APPROVED

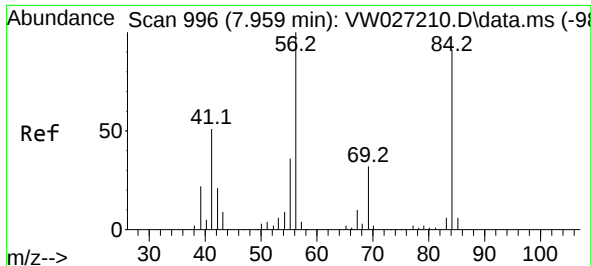
Reviewed By :Semsettin Yesilyurt 10/05/2023
Supervised By :Mahesh Dadoda 10/05/2023



#27
1,2-Dichloroethane
Concen: 16.532 ug/L
RT: 8.404 min Scan# 1069
Delta R.T. 0.006 min
Lab File: VW027213.D
Acq: 04 Oct 2023 12:05

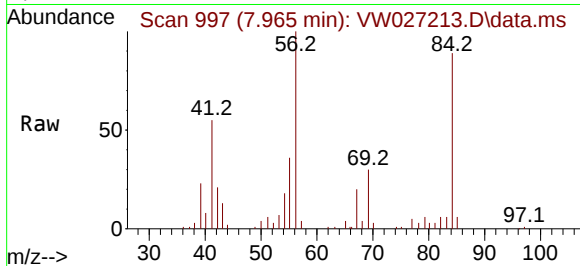
Tgt Ion: 62 Resp: 33770
Ion Ratio Lower Upper
62 100
98 9.2 7.9 11.9





#29
Cyclohexane
Concen: 12.475 ug/L
RT: 7.965 min Scan# 996
Delta R.T. 0.006 min
Lab File: VW027213.D
Acq: 04 Oct 2023 12:05

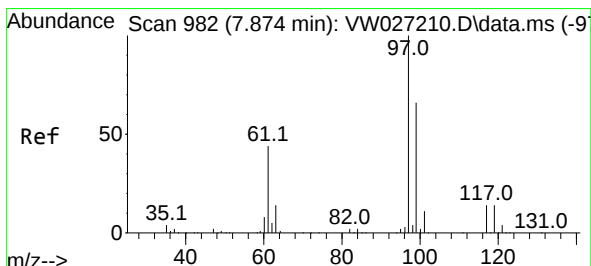
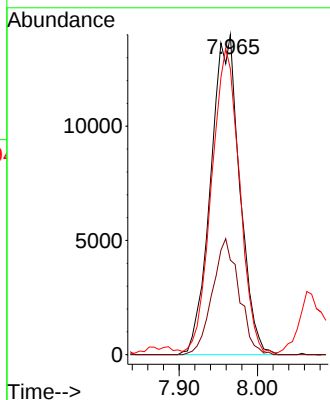
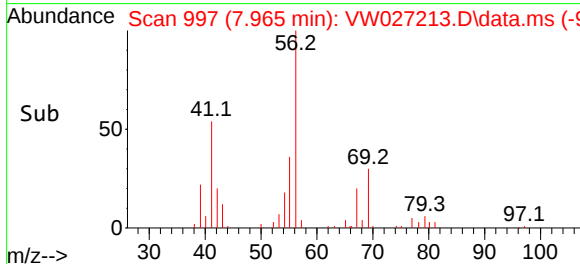
Instrument :
MSVOA_W
ClientSampleId :
EY1A2MSRE



Tgt Ion: 56 Resp: 36139
Ion Ratio Lower Upper
56 100
69 33.2 25.0 37.4
84 92.6 69.9 104.9

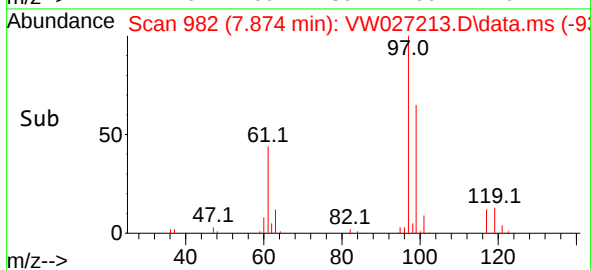
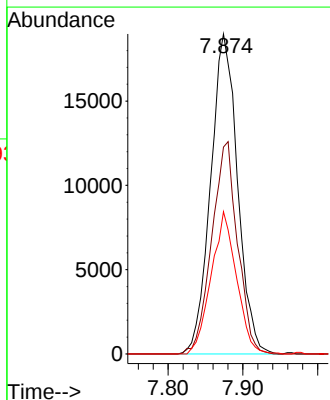
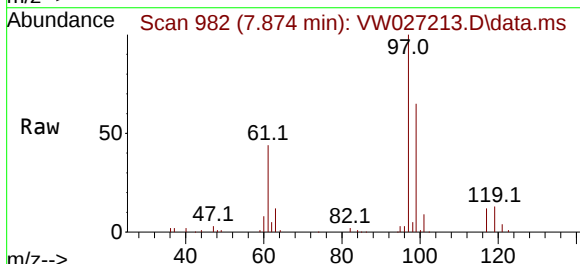
Manual Integrations
APPROVED

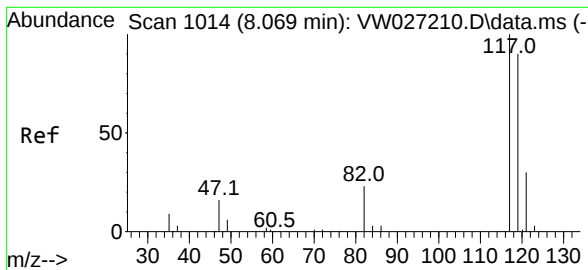
Reviewed By :Semsettin Yesilyurt 10/05/2023
Supervised By :Mahesh Dadoda 10/05/2023



#30
1,1,1-Trichloroethane
Concen: 17.517 ug/L
RT: 7.874 min Scan# 982
Delta R.T. 0.000 min
Lab File: VW027213.D
Acq: 04 Oct 2023 12:05

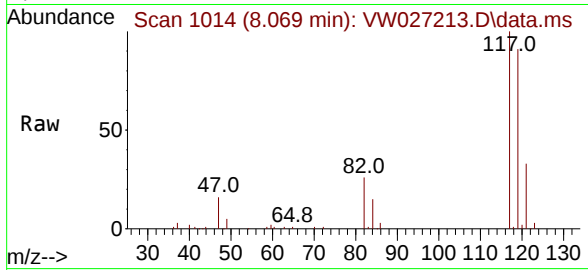
Tgt Ion: 97 Resp: 47414
Ion Ratio Lower Upper
97 100
99 63.7 50.8 76.2
61 41.9 34.6 52.0





#31
Carbon tetrachloride
Concen: 16.916 ug/L
RT: 8.069 min Scan# 1014
Delta R.T. 0.000 min
Lab File: VW027213.D
Acq: 04 Oct 2023 12:05

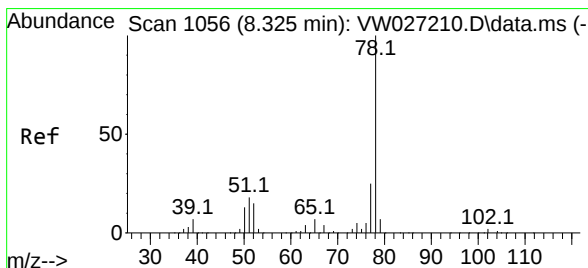
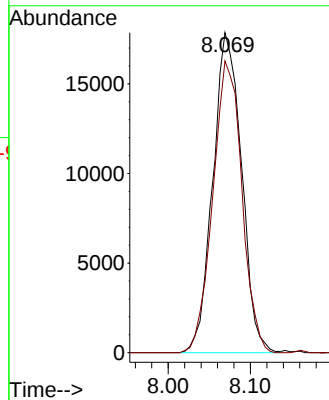
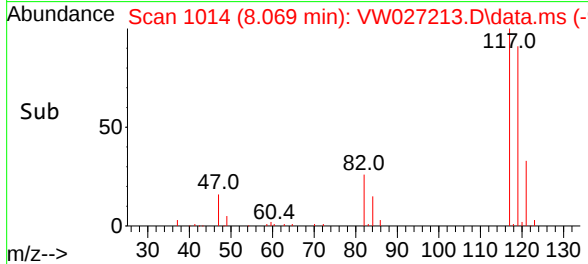
Instrument :
MSVOA_W
ClientSampleId :
EY1A2MSRE



Tgt Ion:117 Resp: 43240
Ion Ratio Lower Upper
117 100
119 92.2 77.0 115.6

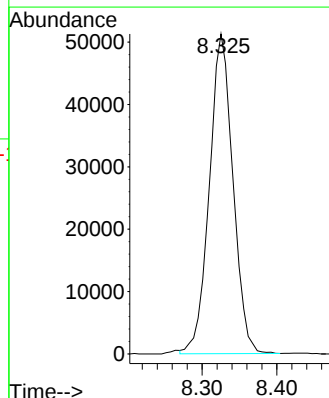
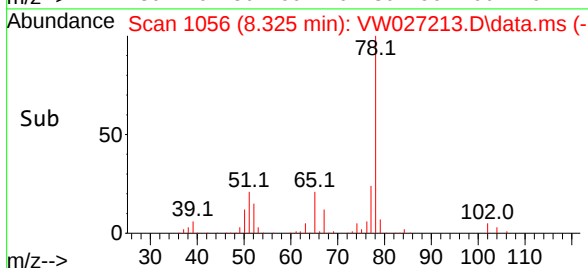
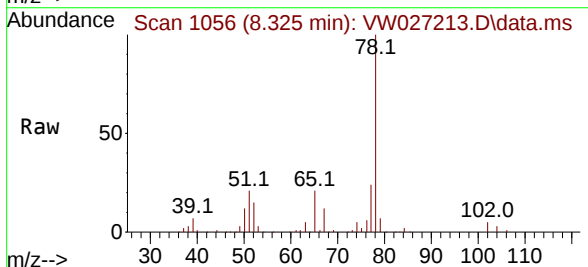
Manual Integrations
APPROVED

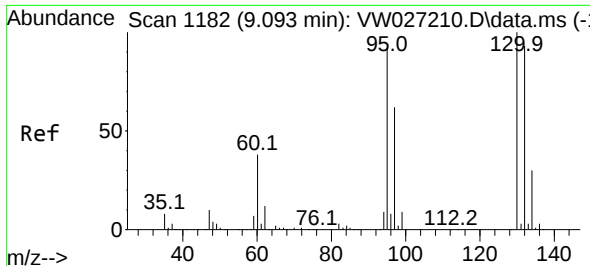
Reviewed By :Semsettin Yesilyurt 10/05/2023
Supervised By :Mahesh Dadoda 10/05/2023



#33
Benzene
Concen: 14.617 ug/L
RT: 8.325 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VW027213.D
Acq: 04 Oct 2023 12:05

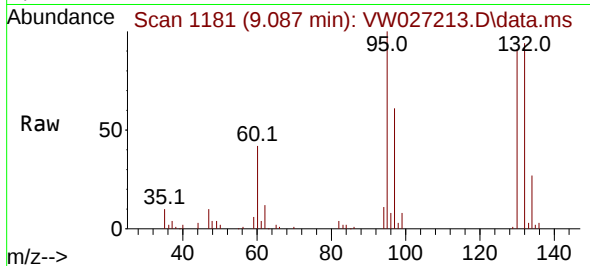
Tgt Ion: 78 Resp: 112493





#34
Trichloroethene
Concen: 14.520 ug/L
RT: 9.087 min Scan# 1182
Delta R.T. -0.006 min
Lab File: VW027213.D
Acq: 04 Oct 2023 12:05

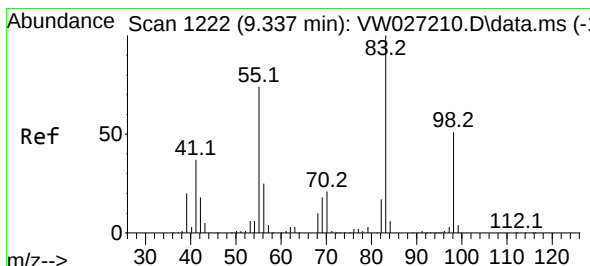
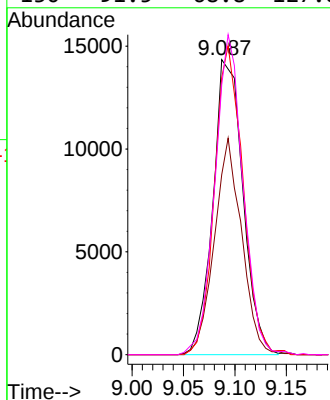
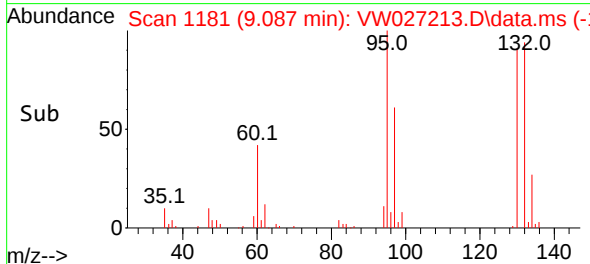
Instrument :
MSVOA_W
ClientSampleId :
EY1A2MSRE



Tgt Ion: 95 Resp: 29180
Ion Ratio Lower Upper
95 100
97 61.0 46.1 85.7
132 93.9 71.5 132.9
130 91.5 68.8 127.8

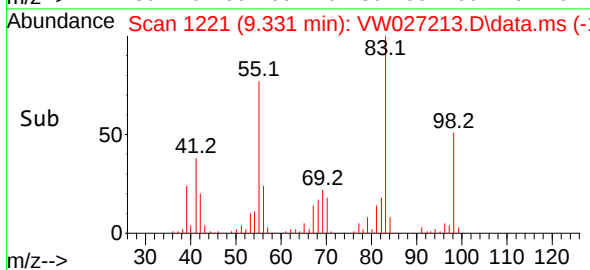
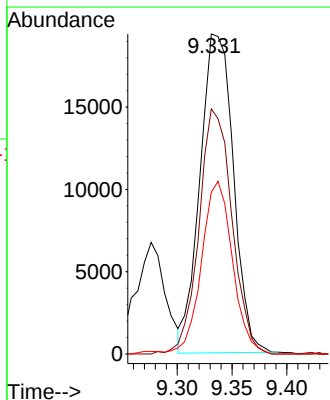
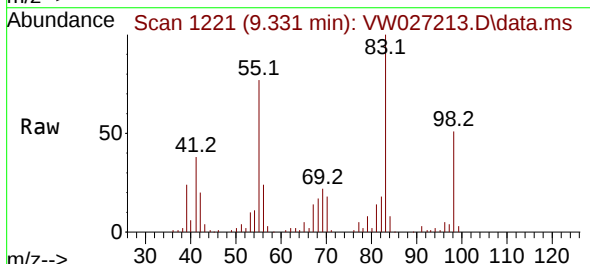
Manual Integrations
APPROVED

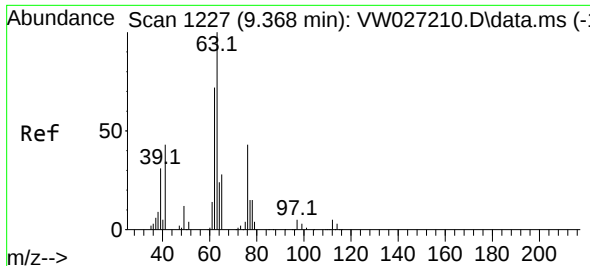
Reviewed By :Semsettin Yesilyurt 10/05/2023
Supervised By :Mahesh Dadoda 10/05/2023



#35
Methylcyclohexane
Concen: 12.160 ug/L
RT: 9.331 min Scan# 1221
Delta R.T. -0.006 min
Lab File: VW027213.D
Acq: 04 Oct 2023 12:05

Tgt Ion: 83 Resp: 41103
Ion Ratio Lower Upper
83 100
55 75.7 59.1 88.7
98 50.1 38.6 58.0





#37

1,2-Dichloropropane

Concen: 14.591 ug/L

RT: 9.374 min Scan# 11

Delta R.T. 0.006 min

Lab File: VW027213.D

Acq: 04 Oct 2023 12:05

Instrument :

MSVOA_W

ClientSampleId :

EY1A2MSRE

Tgt Ion: 63 Resp: 2893

Ion Ratio Lower Upper

63 100

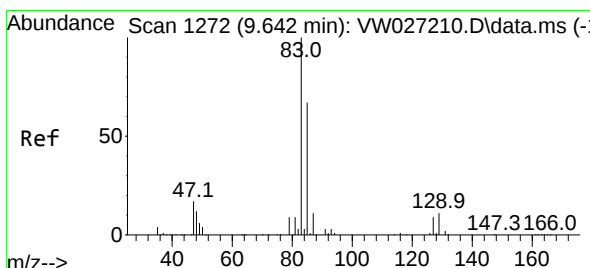
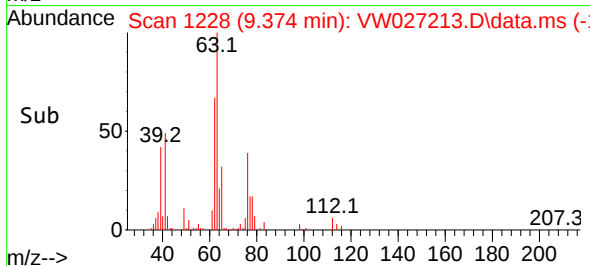
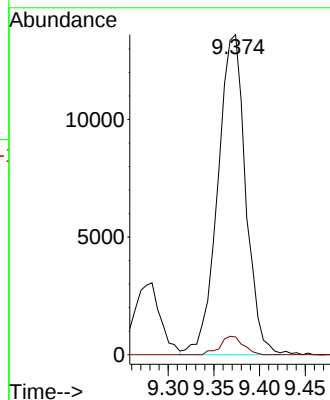
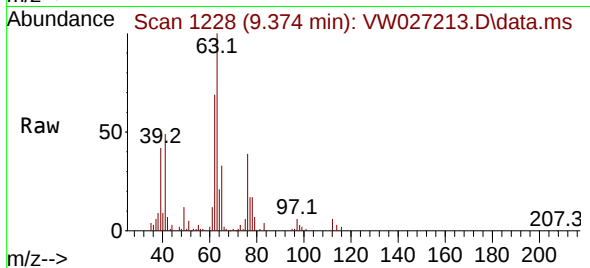
112 4.3 3.7 5.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/05/2023

Supervised By :Mahesh Dadoda 10/05/2023



#38

Bromodichloromethane

Concen: 14.975 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. 0.000 min

Lab File: VW027213.D

Acq: 04 Oct 2023 12:05

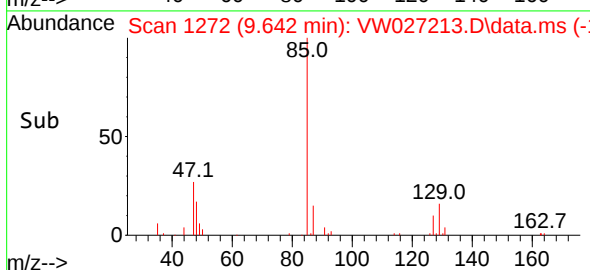
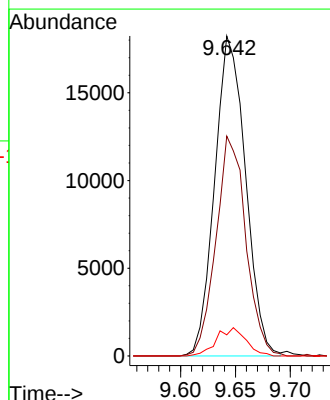
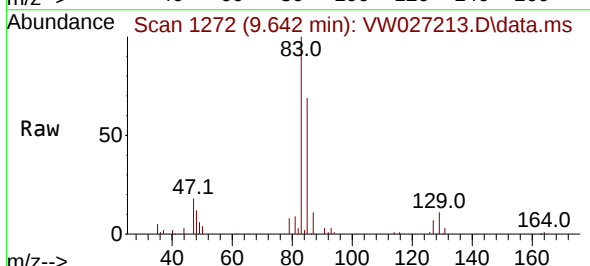
Tgt Ion: 83 Resp: 35666

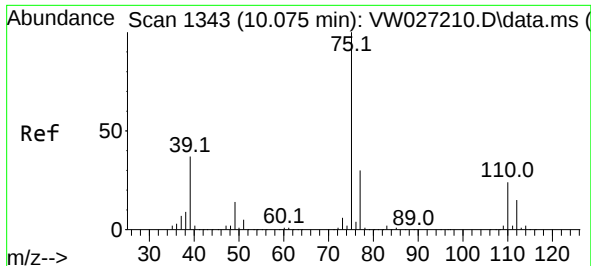
Ion Ratio Lower Upper

83 100

85 68.7 44.7 82.9

127 6.6 7.0 10.6#





#39

cis-1,3-Dichloropropene

Concen: 13.515 ug/L

RT: 10.075 min Scan# 1343

Delta R.T. 0.000 min

Lab File: VW027213.D

Acq: 04 Oct 2023 12:05

Instrument :

MSVOA_W

ClientSampleId :

EY1A2MSRE

Tgt Ion: 75 Resp: 3948

Ion Ratio Lower Upper

75 100

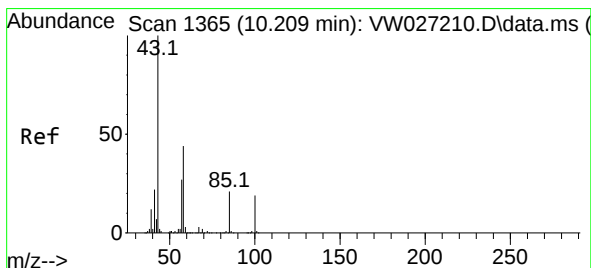
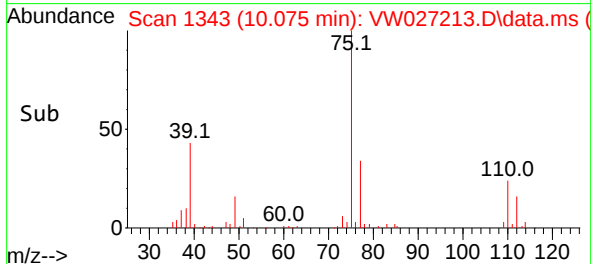
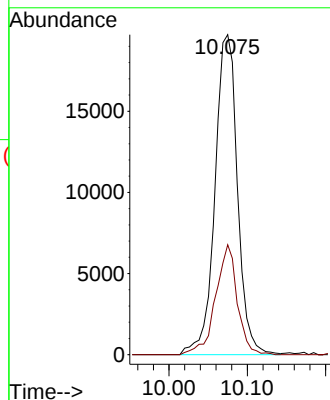
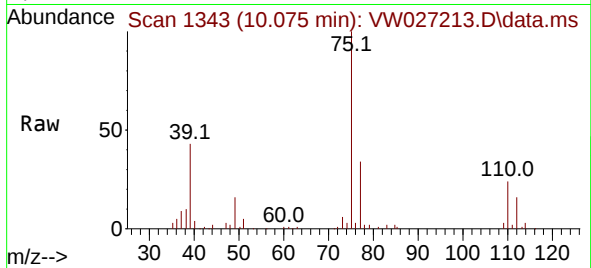
77 34.4 22.3 41.3

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/05/2023

Supervised By :Mahesh Dadoda 10/05/2023



#40

4-Methyl-2-pentanone

Concen: 19.164 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. 0.000 min

Lab File: VW027213.D

Acq: 04 Oct 2023 12:05

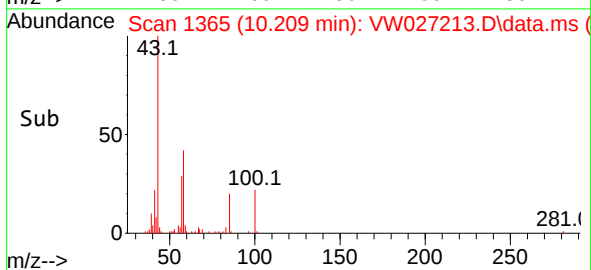
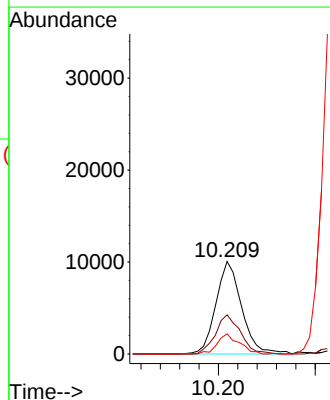
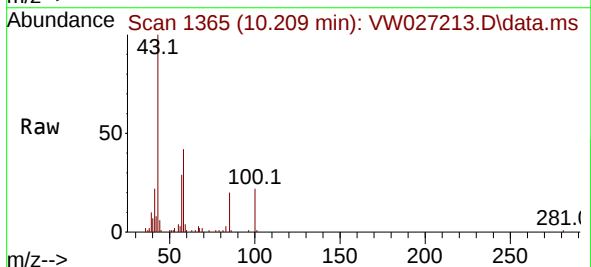
Tgt Ion: 43 Resp: 18436

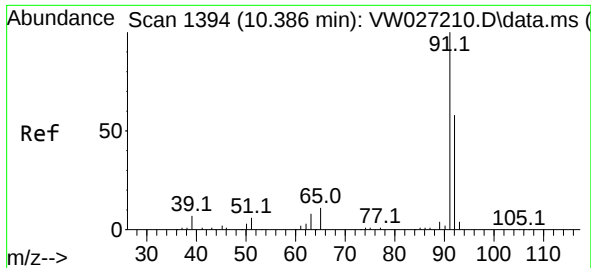
Ion Ratio Lower Upper

43 100

58 41.3 33.8 50.6

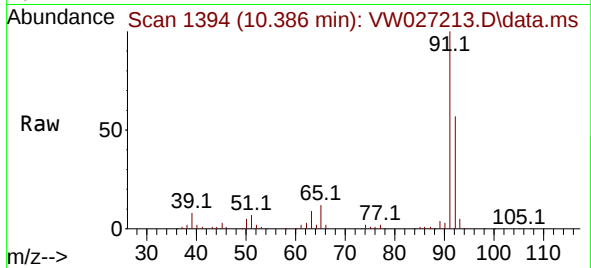
100 18.6 13.7 20.5





#42
Toluene
Concen: 13.793 ug/L
RT: 10.386 min Scan# 1394
Delta R.T. 0.000 min
Lab File: VW027213.D
Acq: 04 Oct 2023 12:05

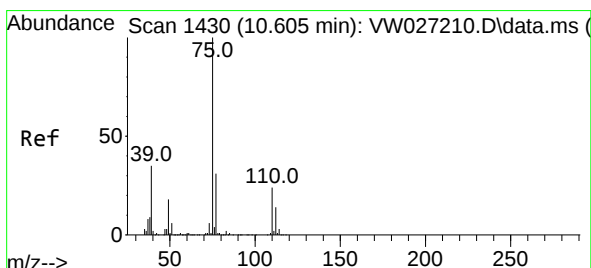
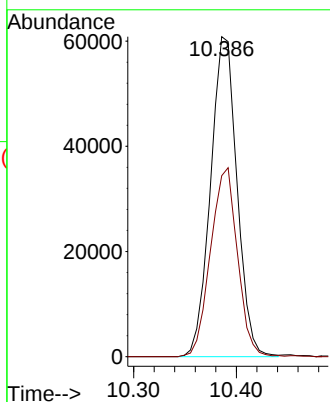
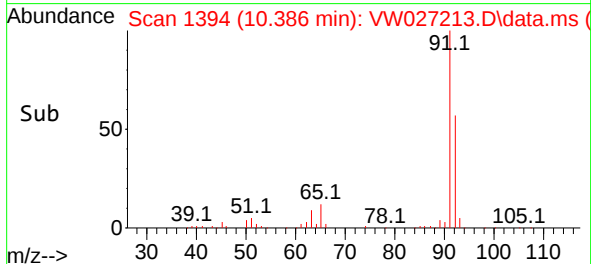
Instrument :
MSVOA_W
ClientSampleId :
EY1A2MSRE



Tgt Ion: 91 Resp: 10901
Ion Ratio Lower Upper
91 100
92 56.6 42.6 79.2

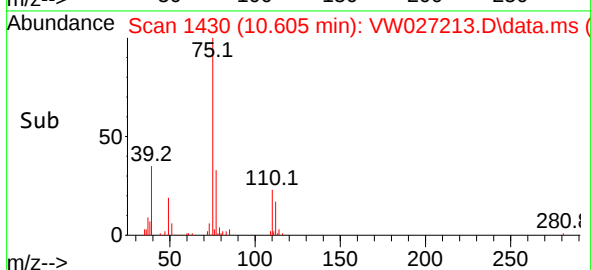
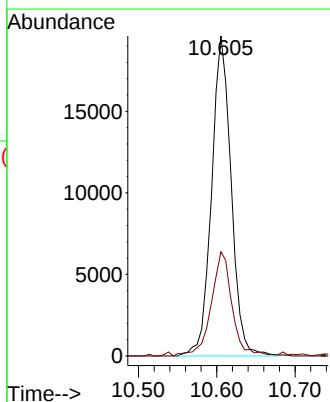
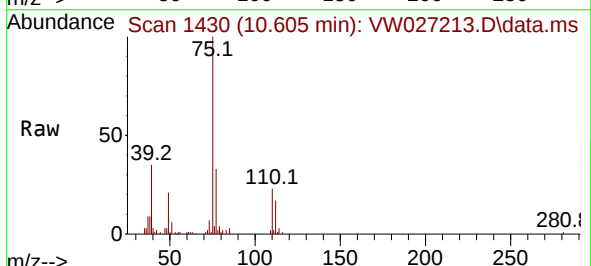
Manual Integrations
APPROVED

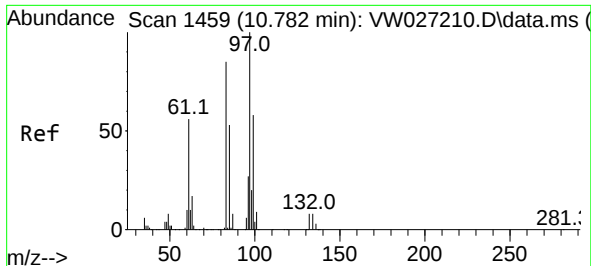
Reviewed By :Semsettin Yesilyurt 10/05/2023
Supervised By :Mahesh Dadoda 10/05/2023



#44
trans-1,3-Dichloropropene
Concen: 14.248 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VW027213.D
Acq: 04 Oct 2023 12:05

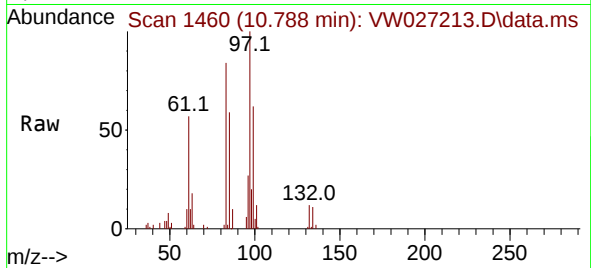
Tgt Ion: 75 Resp: 34119
Ion Ratio Lower Upper
75 100
77 32.6 21.6 40.2





#45
1,1,2-Trichloroethane
Concen: 15.162 ug/L
RT: 10.788 min Scan# 1459
Delta R.T. 0.006 min
Lab File: VW027213.D
Acq: 04 Oct 2023 12:05

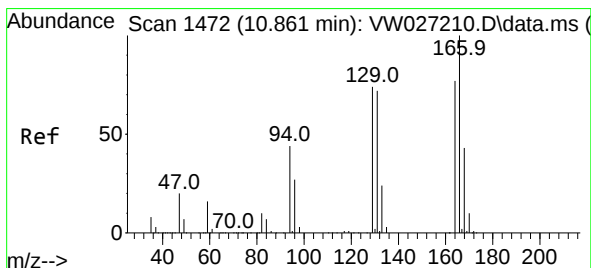
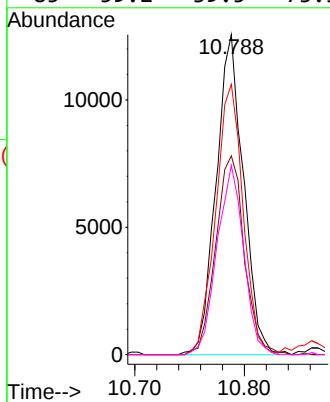
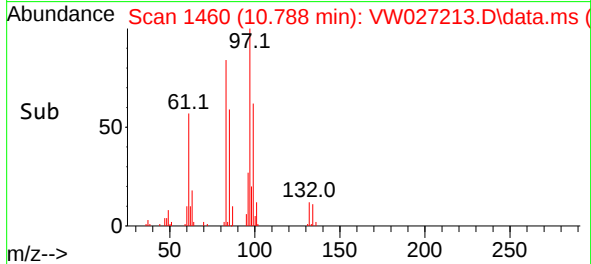
Instrument :
MSVOA_W
ClientSampleId :
EY1A2MSRE



Tgt Ion: 97	Resp: 21758
Ion Ratio	Lower Upper
97 100	
99 62.1	45.3 84.1
83 84.5	59.5 110.5
85 59.2	39.5 73.3

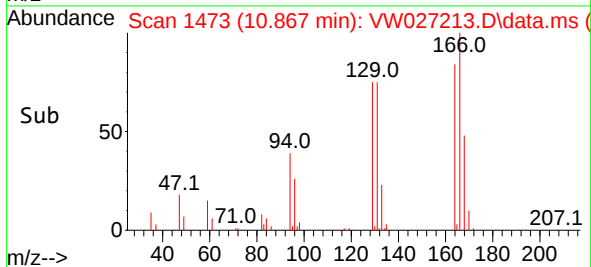
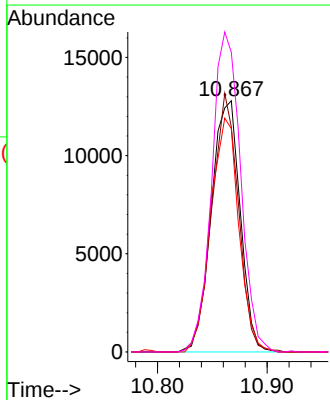
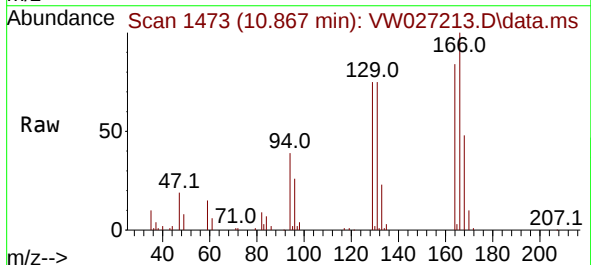
Manual Integrations
APPROVED

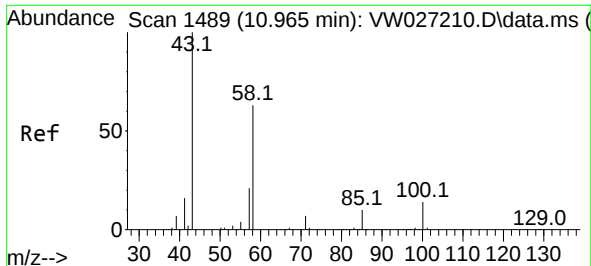
Reviewed By :Semsettin Yesilyurt 10/05/2023
Supervised By :Mahesh Dadoda 10/05/2023



#46
Tetrachloroethene
Concen: 14.887 ug/L
RT: 10.867 min Scan# 1473
Delta R.T. 0.006 min
Lab File: VW027213.D
Acq: 04 Oct 2023 12:05

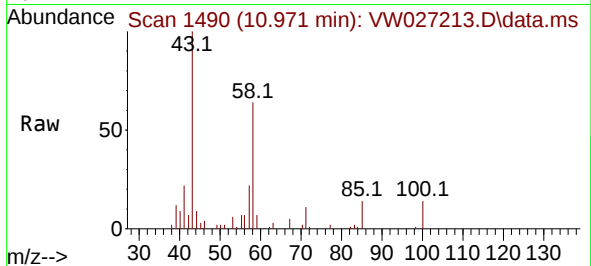
Tgt	Ion:164	Resp:	23518
Ion	Ratio	Lower	Upper
164	100		
129	89.6	60.3	112.1
131	88.9	66.1	122.7
166	119.3	89.4	166.0





#48
2-Hexanone
Concen: 13.035 ug/L
RT: 10.971 min Scan# 1489
Delta R.T. 0.006 min
Lab File: VW027213.D
Acq: 04 Oct 2023 12:05

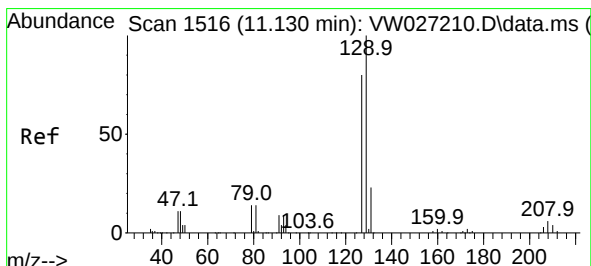
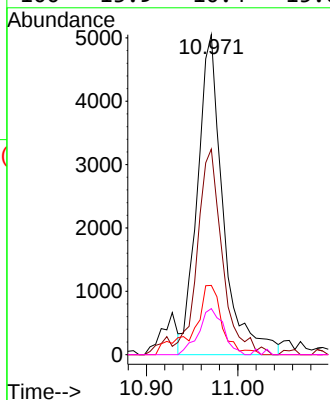
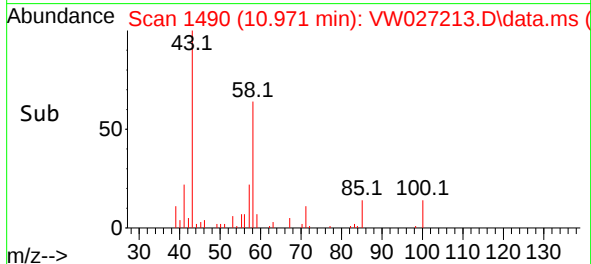
Instrument :
MSVOA_W
ClientSampleId :
EY1A2MSRE



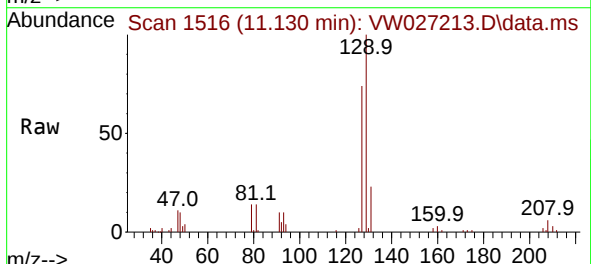
Tgt Ion: 43 Resp: 983
Ion Ratio Lower Upper
43 100
58 60.4 47.2 70.8
57 18.5 15.9 23.9
100 13.9 10.4 15.6

Manual Integrations
APPROVED

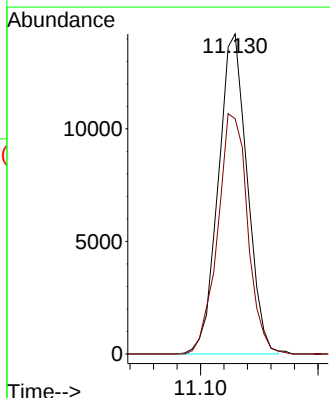
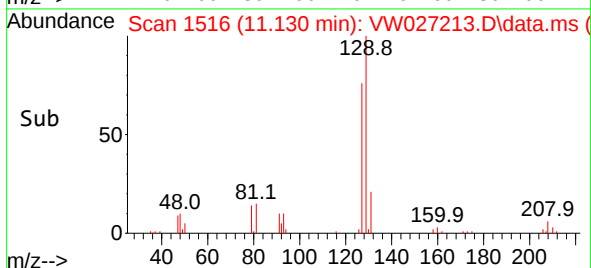
Reviewed By :Semsettin Yesilyurt 10/05/2023
Supervised By :Mahesh Dadoda 10/05/2023

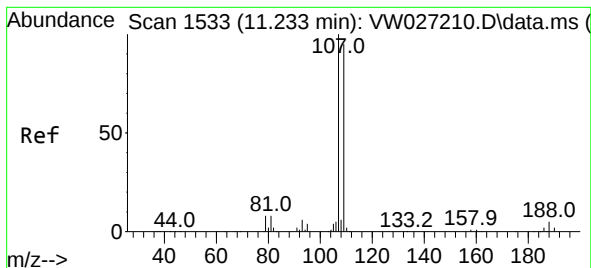


#49
Dibromochloromethane
Concen: 15.634 ug/L
RT: 11.130 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VW027213.D
Acq: 04 Oct 2023 12:05



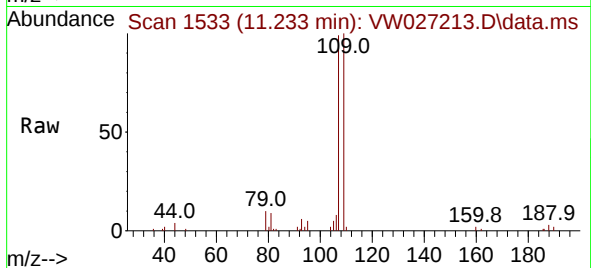
Tgt Ion:129 Resp: 24332
Ion Ratio Lower Upper
129 100
127 73.5 54.2 100.6





#50
1,2-Dibromoethane
Concen: 14.083 ug/L
RT: 11.233 min Scan# 1533
Delta R.T. 0.000 min
Lab File: VW027213.D
Acq: 04 Oct 2023 12:05

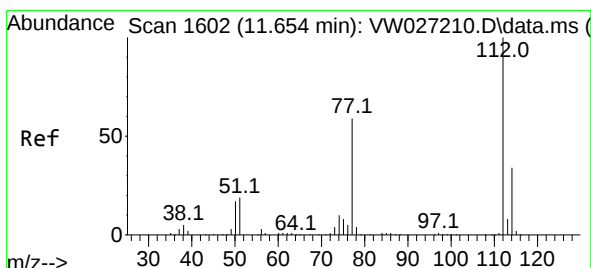
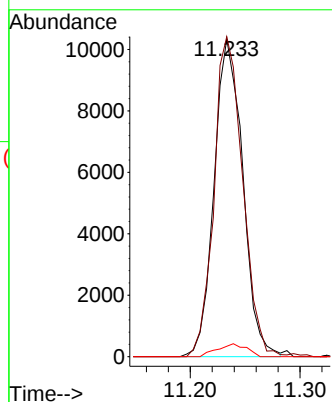
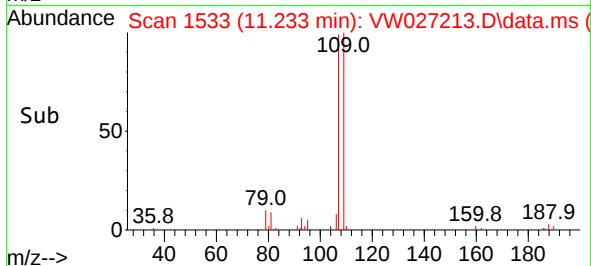
Instrument :
MSVOA_W
ClientSampleId :
EY1A2MSRE



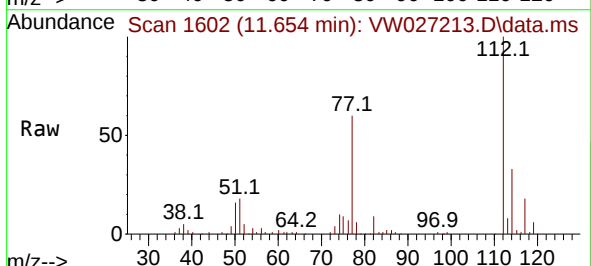
Tgt Ion:107 Resp: 1875
Ion Ratio Lower Upper
107 100
109 100.8 68.2 126.6
188 3.3 2.6 4.0

Manual Integrations
APPROVED

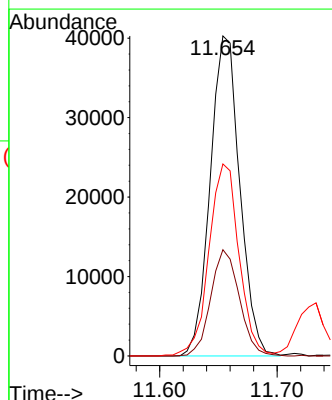
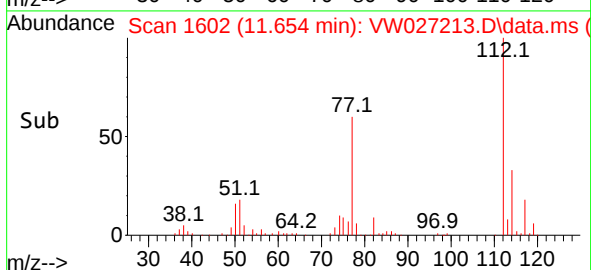
Reviewed By :Semsettin Yesilyurt 10/05/2023
Supervised By :Mahesh Dadoda 10/05/2023

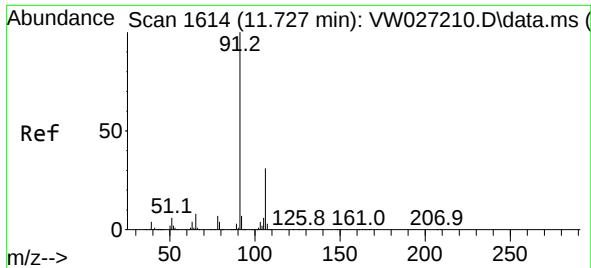


#51
Chlorobenzene
Concen: 13.446 ug/L
RT: 11.654 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VW027213.D
Acq: 04 Oct 2023 12:05



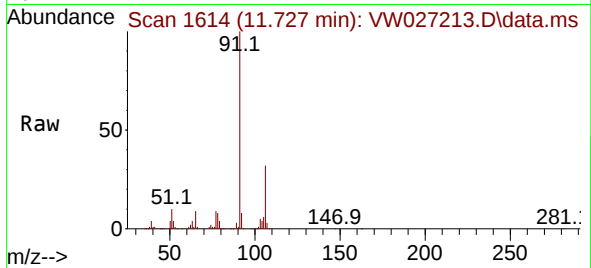
Tgt Ion:112 Resp: 70517
Ion Ratio Lower Upper
112 100
114 33.2 21.9 40.7
77 60.0 47.4 71.0





#52
Ethylbenzene
Concen: 12.691 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VW027213.D
Acq: 04 Oct 2023 12:05

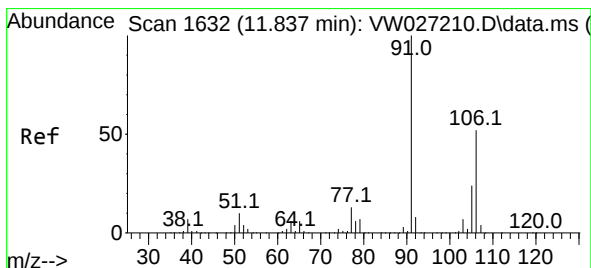
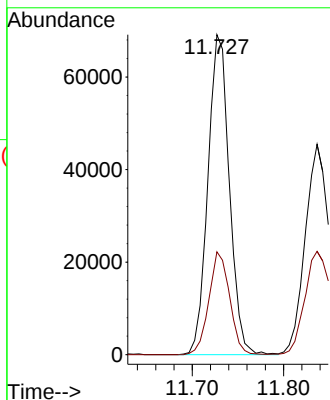
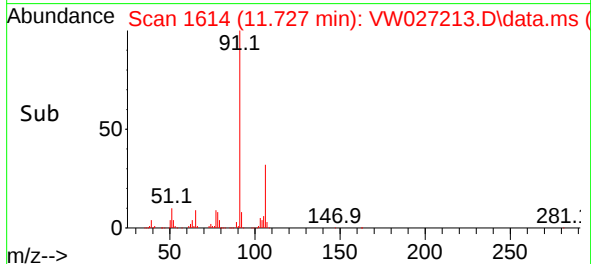
Instrument :
MSVOA_W
ClientSampleId :
EY1A2MSRE



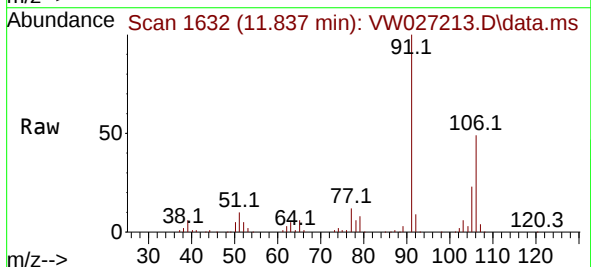
Tgt Ion: 91 Resp: 112670
Ion Ratio Lower Upper
91 100
106 32.1 21.8 40.6

Manual Integrations
APPROVED

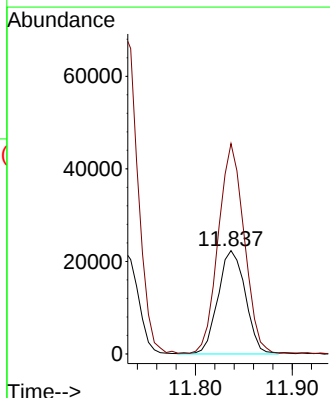
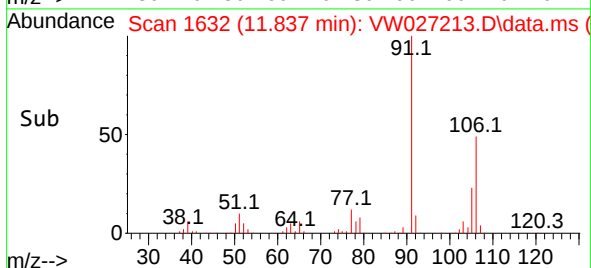
Reviewed By :Semsettin Yesilyurt 10/05/2023
Supervised By :Mahesh Dadoda 10/05/2023

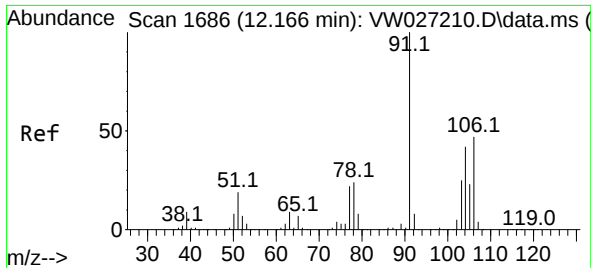


#53
m,p-Xylene
Concen: 12.899 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VW027213.D
Acq: 04 Oct 2023 12:05



Tgt Ion:106 Resp: 43916
Ion Ratio Lower Upper
106 100
91 203.4 145.9 270.9





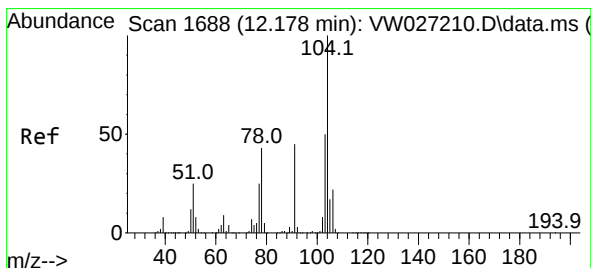
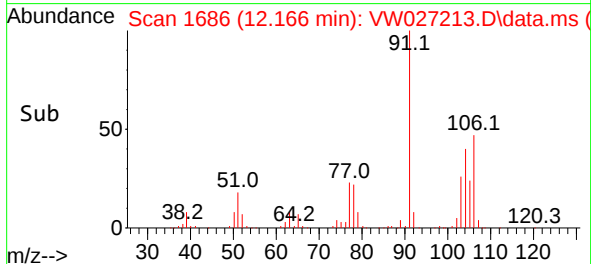
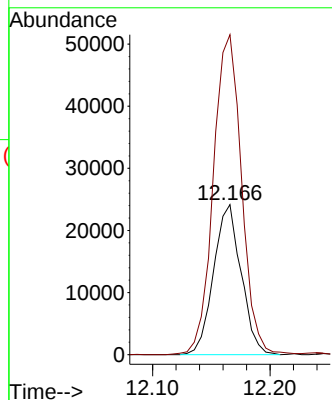
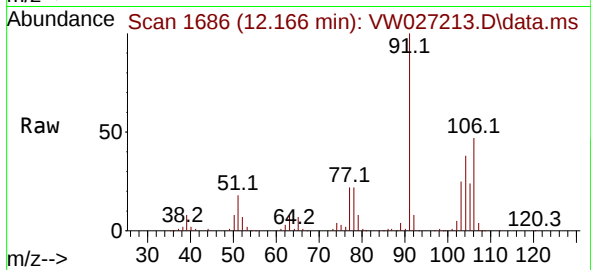
#54
o-Xylene
Concen: 12.363 ug/L
RT: 12.166 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VW027213.D
Acq: 04 Oct 2023 12:05

Instrument :
MSVOA_W
ClientSampleId :
EY1A2MSRE

Tgt Ion:106 Resp: 39319
Ion Ratio Lower Upper
106 100
91 213.3 149.5 277.7

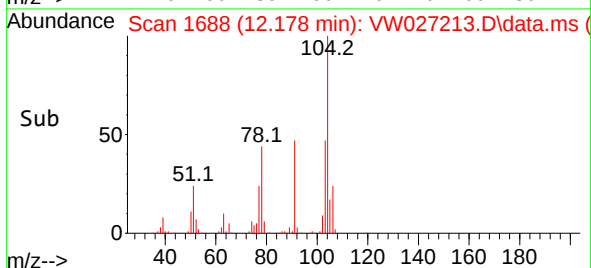
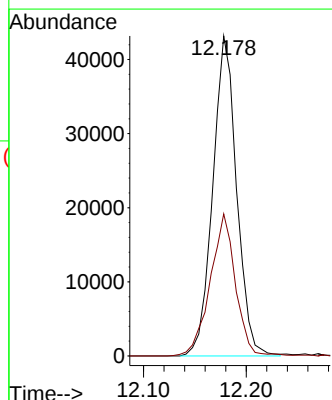
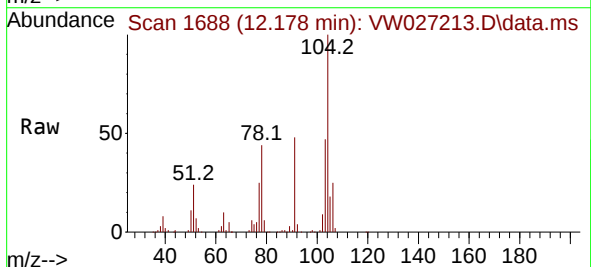
Manual Integrations
APPROVED

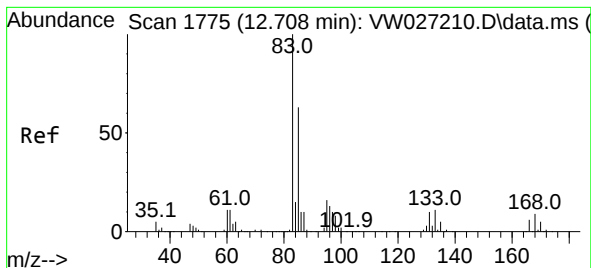
Reviewed By :Semsettin Yesilyurt 10/05/2023
Supervised By :Mahesh Dadoda 10/05/2023



#55
Styrene
Concen: 12.691 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VW027213.D
Acq: 04 Oct 2023 12:05

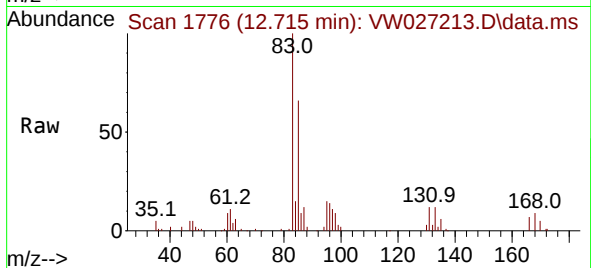
Tgt Ion:104 Resp: 69479
Ion Ratio Lower Upper
104 100
78 44.4 30.1 55.9





#57
1,1,2,2-Tetrachloroethane
Concen: 14.486 ug/L
RT: 12.715 min Scan# 1775
Delta R.T. 0.006 min
Lab File: VW027213.D
Acq: 04 Oct 2023 12:05

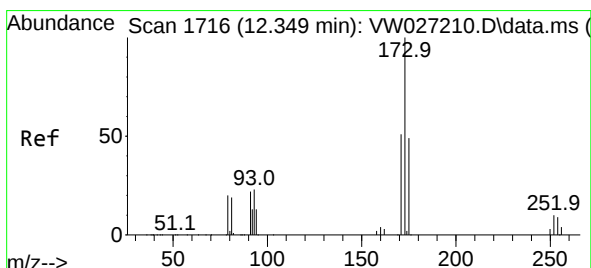
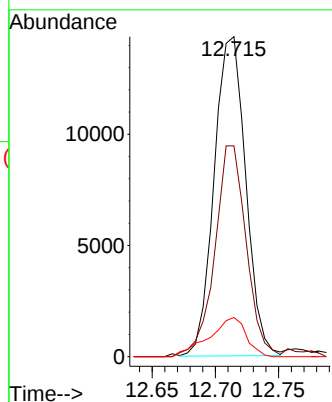
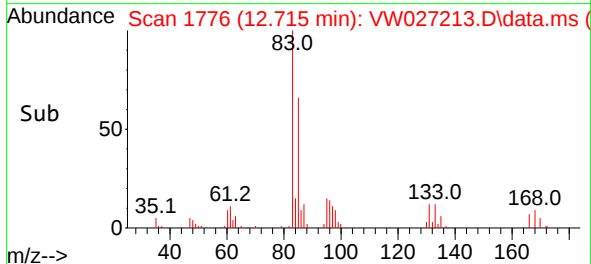
Instrument :
MSVOA_W
ClientSampleId :
EY1A2MSRE



Tgt Ion: 83 Resp: 24935
Ion Ratio Lower Upper
83 100
85 65.9 43.5 80.7
131 12.2 7.6 11.4

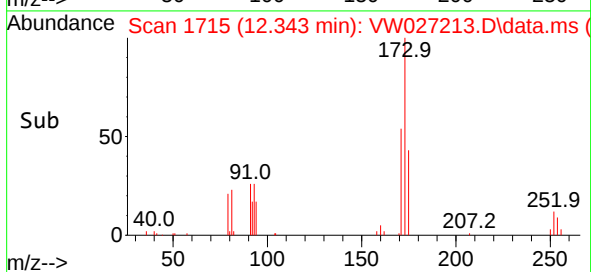
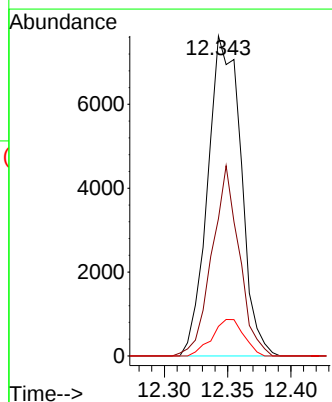
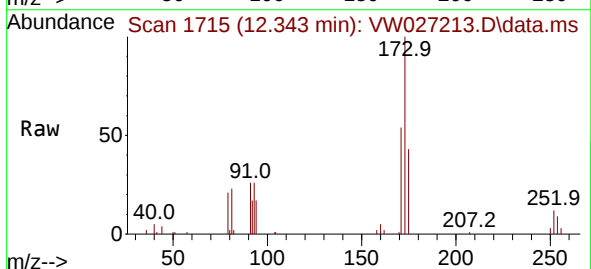
Manual Integrations
APPROVED

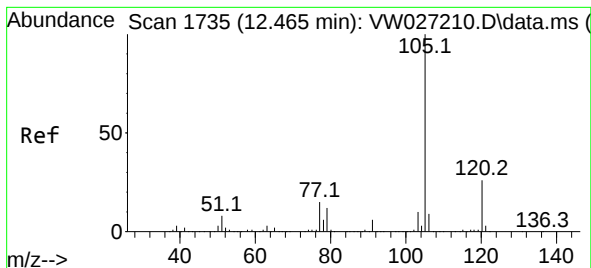
Reviewed By :Semsettin Yesilyurt 10/05/2023
Supervised By :Mahesh Dadoda 10/05/2023



#59
Bromoform
Concen: 15.463 ug/L
RT: 12.343 min Scan# 1715
Delta R.T. -0.006 min
Lab File: VW027213.D
Acq: 04 Oct 2023 12:05

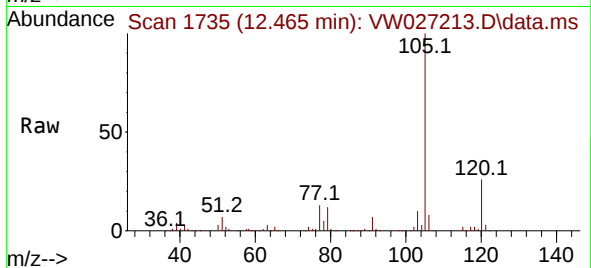
Tgt Ion:173 Resp: 13920
Ion Ratio Lower Upper
173 100
175 48.8 37.1 55.7
254 10.9 7.2 10.8





#60
Isopropylbenzene
Concen: 13.690 ug/L
RT: 12.465 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VW027213.D
Acq: 04 Oct 2023 12:05

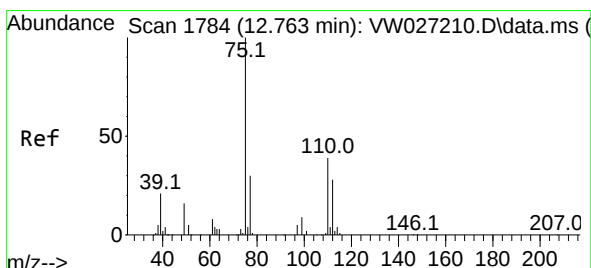
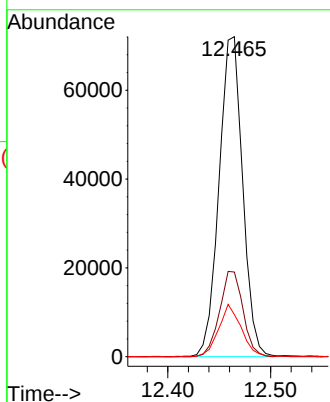
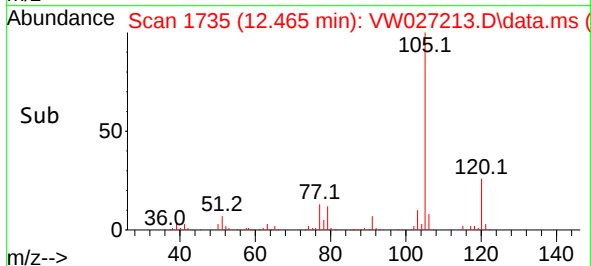
Instrument :
MSVOA_W
ClientSampleId :
EY1A2MSRE



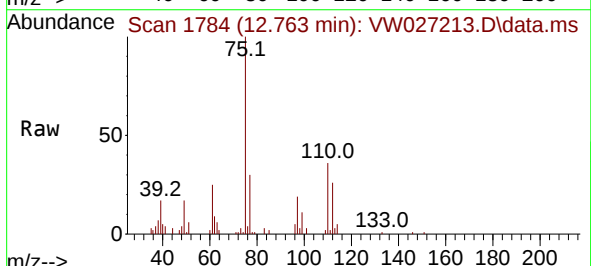
Tgt Ion:105 Resp: 114918
Ion Ratio Lower Upper
105 100
120 26.4 21.0 31.6
77 15.6 12.5 18.7

Manual Integrations
APPROVED

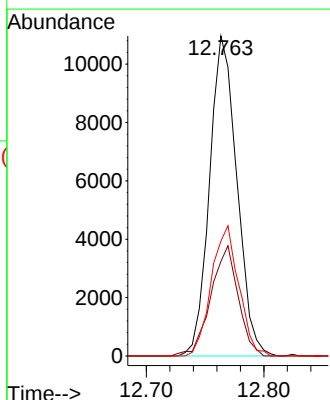
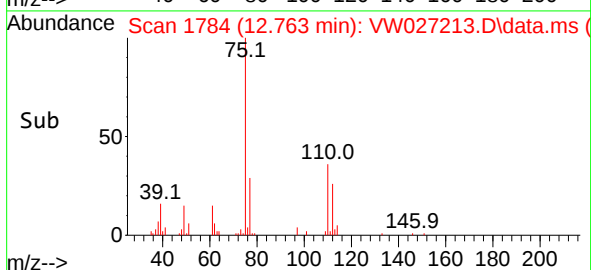
Reviewed By :Semsettin Yesilyurt 10/05/2023
Supervised By :Mahesh Dadoda 10/05/2023

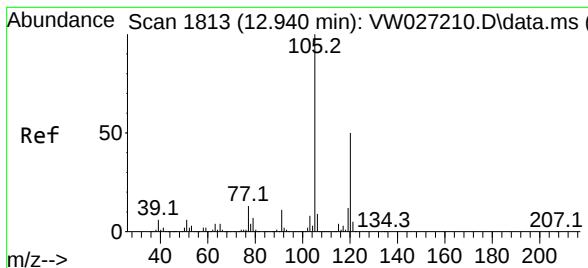


#61
1,2,3-Trichloropropane
Concen: 15.213 ug/L
RT: 12.763 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VW027213.D
Acq: 04 Oct 2023 12:05



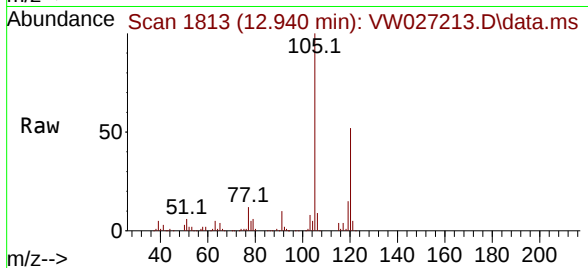
Tgt Ion: 75 Resp: 17756
Ion Ratio Lower Upper
75 100
77 33.9 26.2 39.2
110 40.8 31.2 46.8





#62
1,3,5-Trimethylbenzene
Concen: 12.346 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VW027213.D
Acq: 04 Oct 2023 12:05

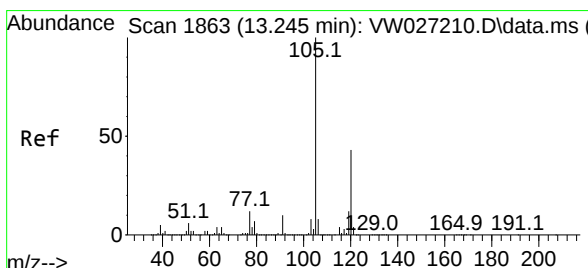
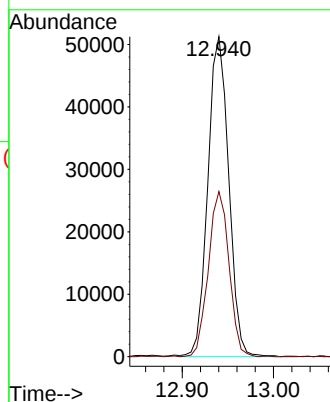
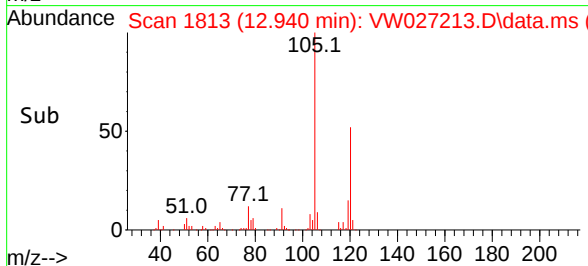
Instrument :
MSVOA_W
ClientSampleId :
EY1A2MSRE



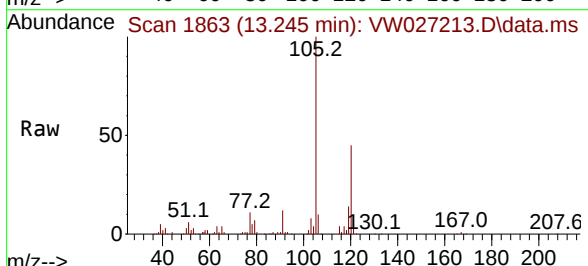
Tgt Ion:105 Resp: 81259
Ion Ratio Lower Upper
105 100
120 51.0 40.8 61.2

Manual Integrations
APPROVED

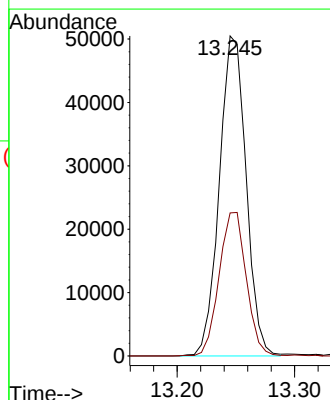
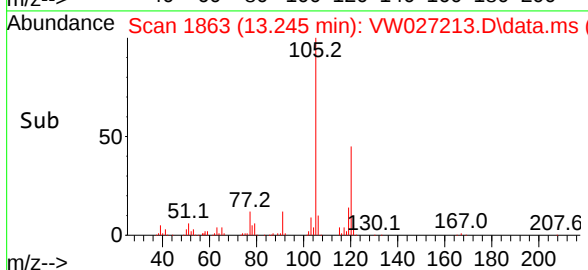
Reviewed By :Semsettin Yesilyurt 10/05/2023
Supervised By :Mahesh Dadoda 10/05/2023

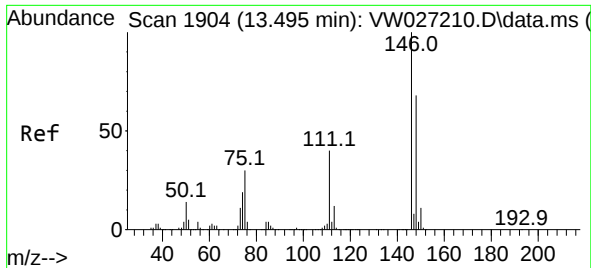


#63
1,2,4-Trimethylbenzene
Concen: 12.407 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. 0.000 min
Lab File: VW027213.D
Acq: 04 Oct 2023 12:05



Tgt Ion:105 Resp: 80021
Ion Ratio Lower Upper
105 100
120 45.1 36.8 55.2





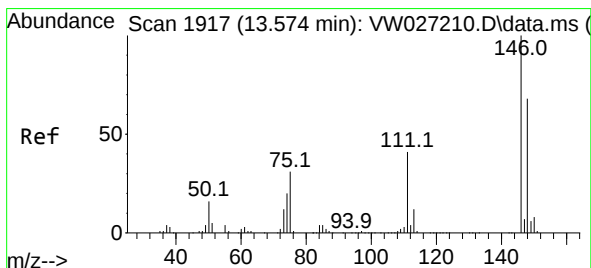
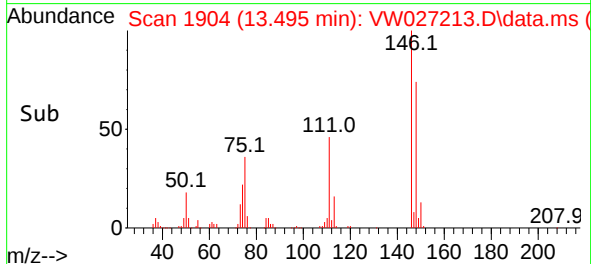
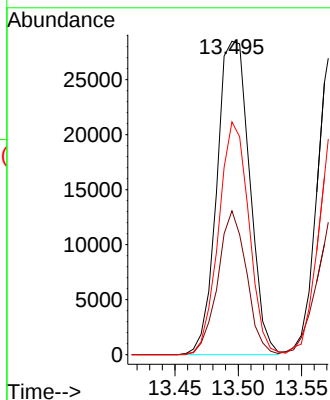
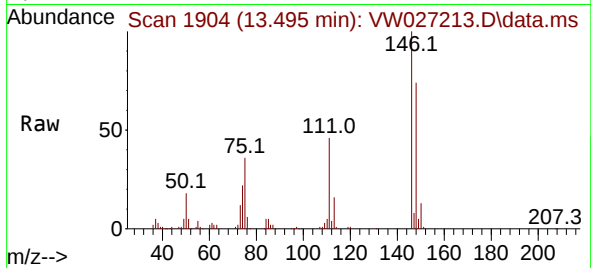
#64
1,3-Dichlorobenzene
Concen: 13.230 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VW027213.D
Acq: 04 Oct 2023 12:05

Instrument :
MSVOA_W
ClientSampleId :
EY1A2MSRE

Tgt Ion:146 Resp: 51258
Ion Ratio Lower Upper
146 100
111 45.9 26.9 50.1
148 74.3 43.3 80.5

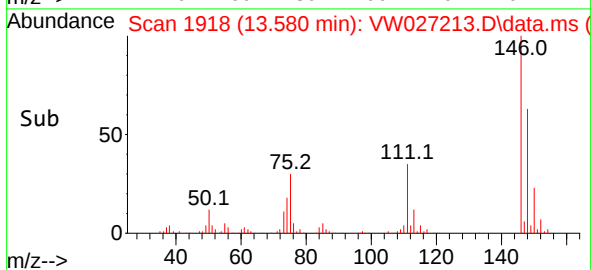
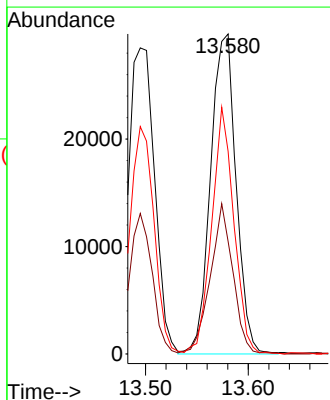
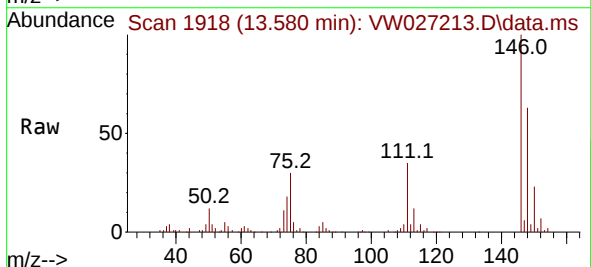
Manual Integrations
APPROVED

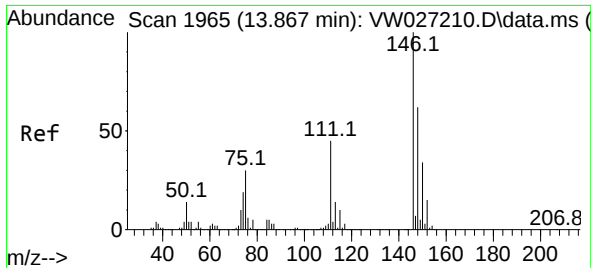
Reviewed By :Semsettin Yesilyurt 10/05/2023
Supervised By :Mahesh Dadoda 10/05/2023



#65
1,4-Dichlorobenzene
Concen: 13.188 ug/L
RT: 13.580 min Scan# 1918
Delta R.T. 0.006 min
Lab File: VW027213.D
Acq: 04 Oct 2023 12:05

Tgt Ion:146 Resp: 51337
Ion Ratio Lower Upper
146 100
111 35.1 26.9 50.1
148 63.3 43.9 81.5





#67

1,2-Dichlorobenzene

Concen: 14.161 ug/L

RT: 13.867 min Scan# 1965

Delta R.T. 0.000 min

Lab File: VW027213.D

Acq: 04 Oct 2023 12:05

Instrument :

MSVOA_W

ClientSampleId :

EY1A2MSRE

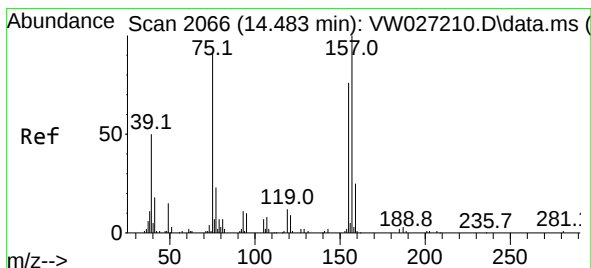
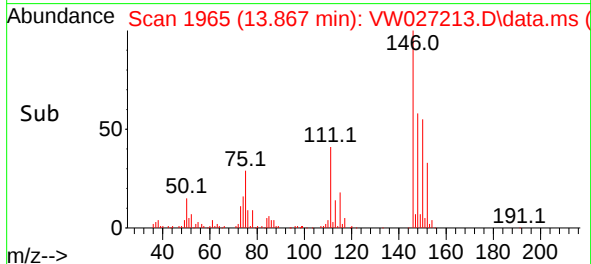
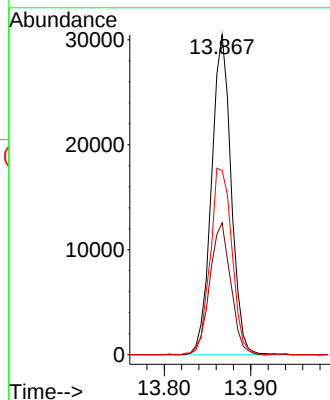
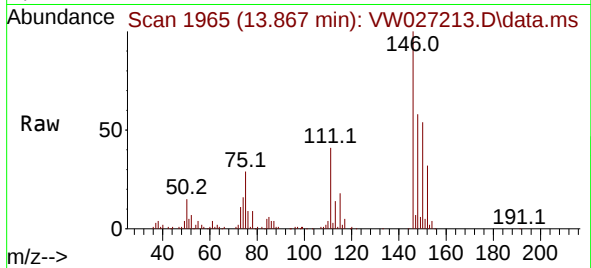
Tgt Ion:	146	Resp:	48090
Ion Ratio	Lower	Upper	
146	100		
111	41.2	35.6	53.4
148	57.6	58.4	87.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/05/2023

Supervised By :Mahesh Dadoda 10/05/2023



#68

1,2-Dibromo-3-chloropropane

Concen: 12.792 ug/L

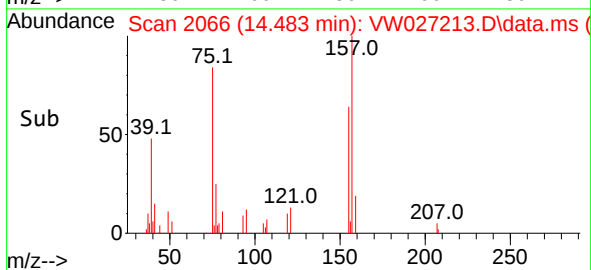
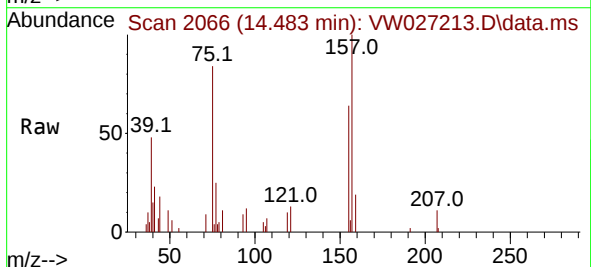
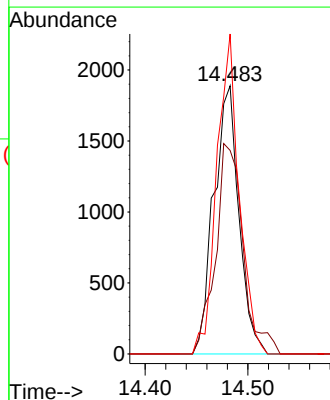
RT: 14.483 min Scan# 2066

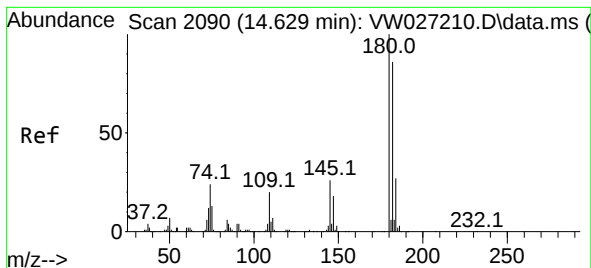
Delta R.T. 0.000 min

Lab File: VW027213.D

Acq: 04 Oct 2023 12:05

Tgt Ion:	75	Resp:	3198
Ion Ratio	Lower	Upper	
75	100		
155	75.9	56.5	84.7
157	119.3	75.9	113.9





#69

1,3,5-Trichlorobenzene

Concen: 13.102 ug/L

RT: 14.623 min Scan# 2090

Delta R.T. -0.006 min

Lab File: VW027213.D

Acq: 04 Oct 2023 12:05

Instrument :

MSVOA_W

ClientSampleId :

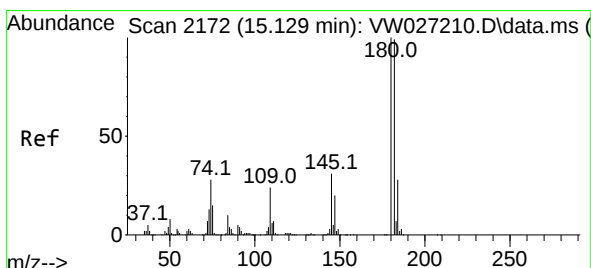
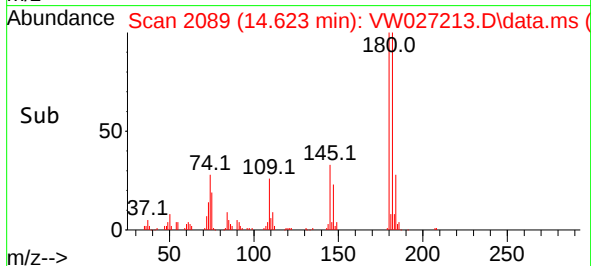
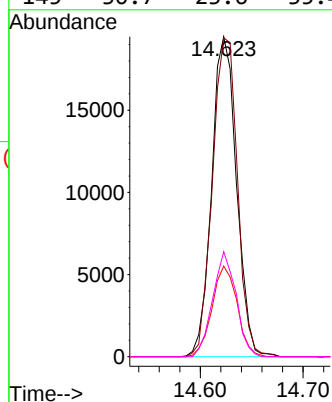
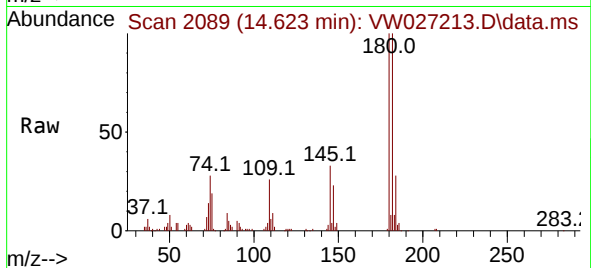
EY1A2MSRE

Tgt Ion:180	Resp:	3268
Ion Ratio	Lower	Upper
180	100	
182	100.2	70.2 105.2
184	28.6	24.6 37.0
145	30.7	23.6 35.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/05/2023
Supervised By :Mahesh Dadoda 10/05/2023



#70

1,2,4-trichlorobenzene

Concen: 11.508 ug/L

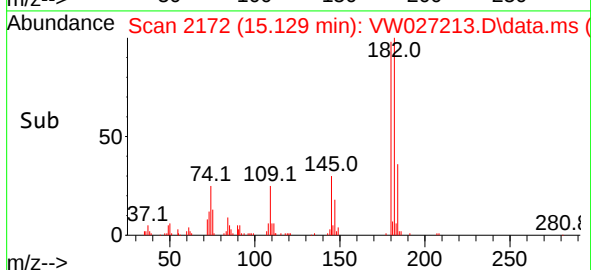
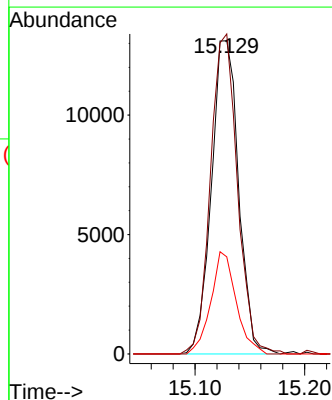
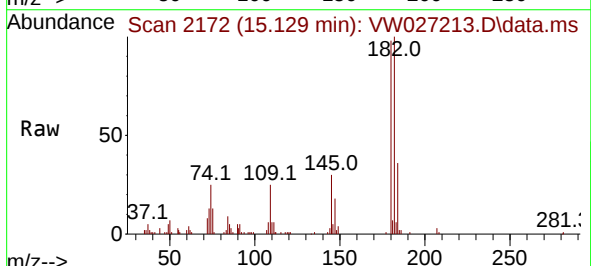
RT: 15.129 min Scan# 2172

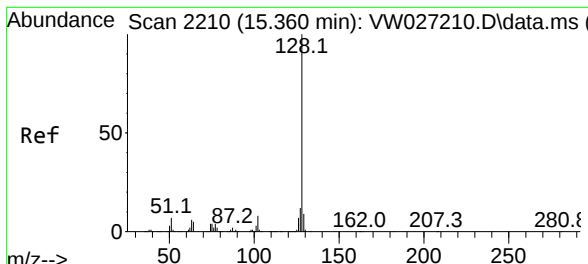
Delta R.T. 0.000 min

Lab File: VW027213.D

Acq: 04 Oct 2023 12:05

Tgt Ion:180	Resp:	22652
Ion Ratio	Lower	Upper
180	100	
182	100.8	77.4 116.2
145	30.4	24.3 36.5





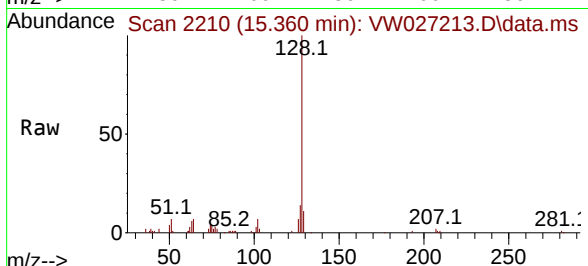
#71
Naphthalene
Concen: 7.401 ug/L
RT: 15.360 min Scan# 2110
Delta R.T. 0.000 min
Lab File: VW027213.D
Acq: 04 Oct 2023 12:05

Instrument :

MSVOA_W

ClientSampleId :

EY1A2MSRE

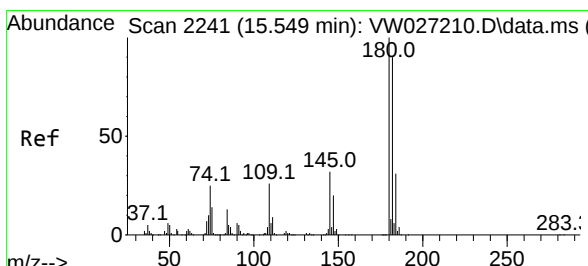
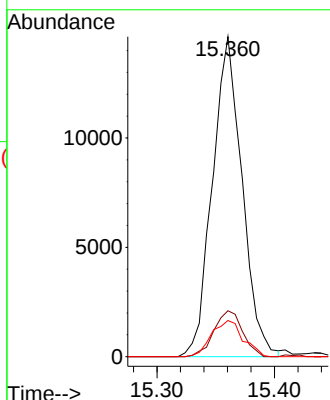
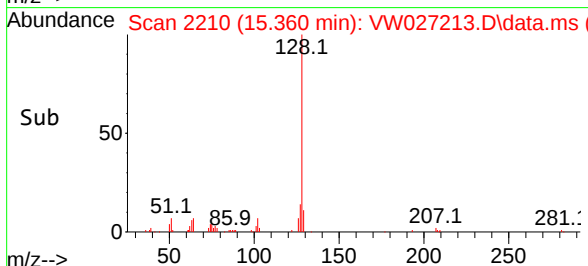


Tgt Ion:	128	Resp:	25704
Ion Ratio	Lower	Upper	
128	100		
127	13.9	10.4	15.6
129	12.0	8.6	12.8

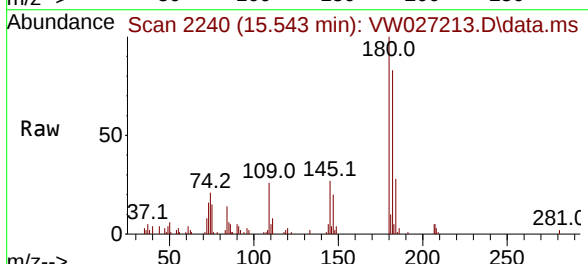
Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/05/2023
Supervised By :Mahesh Dadoda 10/05/2023



#72
1,2,3-Trichlorobenzene
Concen: 9.541 ug/L
RT: 15.543 min Scan# 2240
Delta R.T. -0.006 min
Lab File: VW027213.D
Acq: 04 Oct 2023 12:05



Tgt Ion:	180	Resp:	16670
Ion Ratio	Lower	Upper	
180	100		
182	100.1	74.7	112.1
145	33.4	26.4	39.6

