

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW030322\
 Data File : VW022164.D
 Acq On : 03 Mar 2022 15:24
 Operator : SY/VA
 Sample : N1733-12MSD
 Misc : 6.05g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DBRS5MSD

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 03/05/2022
 Supervised By : Mahesh Dadoda 03/07/2022

Quant Time: Mar 04 00:33:55 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM022322SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Mar 04 00:31:34 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	185870	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	170686	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	95893	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	49423	20.386	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	81.560%		
7) Chloroethane-d5	2.879	69	42620	22.344	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	89.360%		
11) 1,1-Dichloroethene-d2	4.013	63	73853	19.893	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	79.560%		
21) 2-Butanone-d5	7.086	46	20106	49.326	ug/L	0.01
Spiked Amount 50.000	Range 20 - 135		Recovery =	98.660%		
24) Chloroform-d	7.647	84	98143	23.666	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	94.680%		
26) 1,2-Dichloroethane-d4	8.305	65	48936	22.701	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	90.800%		
32) Benzene-d6	8.275	84	181020	22.788	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	91.160%		
36) 1,2-Dichloropropane-d6	9.274	67	51620	23.399	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	93.600%		
41) Toluene-d8	10.323	98	173996	22.032	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	88.120%		
43) trans-1,3-Dichloroprop...	10.579	79	22565	23.069	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	92.280%		
47) 2-Hexanone-d5	10.920	63	19466	53.650	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	107.300%		
56) 1,1,2,2-Tetrachloroeth...	12.688	84	49337	25.483	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	101.920%		
66) 1,2-Dichlorobenzene-d4	13.853	152	70662	22.942	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	91.760%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.007	85	11378	21.904	ug/L	94
3) Chloromethane	2.209	50	40870	22.960	ug/L	98
5) Vinyl chloride	2.355	62	58051	21.705	ug/L	100
6) Bromomethane	2.776	94	46457	24.871	ug/L	91
8) Chloroethane	2.916	64	32348	21.530	ug/L	99
9) Trichlorofluoromethane	3.251	101	35457	19.527	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	4.056	101	47657	21.512	ug/L	97
12) 1,1-Dichloroethene	4.031	96	41516	21.623	ug/L	89
13) Acetone	4.141	43	16918	50.817	ug/L	95
14) Carbon disulfide	4.379	76	90980	18.277	ug/L	100
15) Methyl Acetate	4.684	43	13730m	18.319	ug/L	
16) Methylene chloride	4.909	84	46123	20.216	ug/L	93
17) trans-1,2-Dichloroethene	5.427	96	45521	21.585	ug/L	97
18) Methyl tert-butyl Ether	5.427	73	66075	23.029	ug/L #	89
19) 1,1-Dichloroethane	6.214	63	77933	22.826	ug/L	96
20) cis-1,2-Dichloroethene	7.165	96	53186	23.281	ug/L	94
22) 2-Butanone	7.177	43	22389	46.816	ug/L	100
23) Bromochloromethane	7.512	128	25239	22.616	ug/L	93
25) Chloroform	7.677	83	91946	23.081	ug/L	96

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 Quant Title : SFAM01.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.396	62	54409	22.175	ug/L	97
29) Cyclohexane	7.958	56	62988	22.175	ug/L	100
30) 1,1,1-Trichloroethane	7.872	97	80593	23.469	ug/L	99
31) Carbon tetrachloride	8.067	117	74433	22.806	ug/L	98
33) Benzene	8.323	78	186314	22.577	ug/L	100
34) Trichloroethene	9.091	95	52955	22.412	ug/L	97
35) Methylcyclohexane	9.335	83	76801	21.014	ug/L	98
37) 1,2-Dichloropropane	9.366	63	44202	22.960	ug/L	99
38) Bromodichloromethane	9.640	83	65440	23.703	ug/L	92
39) cis-1,3-Dichloropropene	10.073	75	70935	24.240	ug/L	99
40) 4-Methyl-2-pentanone	10.207	43	46178	44.416	ug/L	99
42) Toluene	10.390	91	218232	23.365	ug/L	99
44) trans-1,3-Dichloropropene	10.603	75	63565	24.172	ug/L	99
45) 1,1,2-Trichloroethane	10.786	97	37582	22.014	ug/L	98
46) Tetrachloroethene	10.859	164	45639	22.050	ug/L	88
48) 2-Hexanone	10.969	43	38178	52.908	ug/L	98
49) Dibromochloromethane	11.128	129	49740	23.987	ug/L	94
50) 1,2-Dibromoethane	11.237	107	37061	22.507	ug/L #	99
51) Chlorobenzene	11.652	112	149052	22.931	ug/L	97
52) Ethylbenzene	11.725	91	239515	23.171	ug/L	100
53) m,p-Xylene	11.835	106	99181	23.318	ug/L	97
54) o-Xylene	12.164	106	96086	24.009	ug/L	91
55) Styrene	12.176	104	163136	24.315	ug/L	92
57) 1,1,2,2-Tetrachloroethane	12.713	83	44052	22.240	ug/L	92
59) Bromoform	12.347	173	27677	21.826	ug/L #	97
60) Isopropylbenzene	12.463	105	258826	22.485	ug/L	100
61) 1,2,3-Trichloropropane	12.768	75	31285	20.671	ug/L	99
62) 1,3,5-Trimethylbenzene	12.938	105	179971	23.512	ug/L	98
63) 1,2,4-Trimethylbenzene	13.249	105	219653	23.480	ug/L	97
64) 1,3-Dichlorobenzene	13.499	146	127845	22.388	ug/L	98
65) 1,4-Dichlorobenzene	13.578	146	126097	22.036	ug/L	96
67) 1,2-Dichlorobenzene	13.865	146	113030	22.263	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.481	75	6243	19.512	ug/L #	78
69) 1,3,5-Trichlorobenzene	14.627	180	89827	21.916	ug/L	96
70) 1,2,4-trichlorobenzene	15.127	180	69680	22.469	ug/L	99
71) Naphthalene	15.359	128	126668	23.138	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	60489	22.551	ug/L	97

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

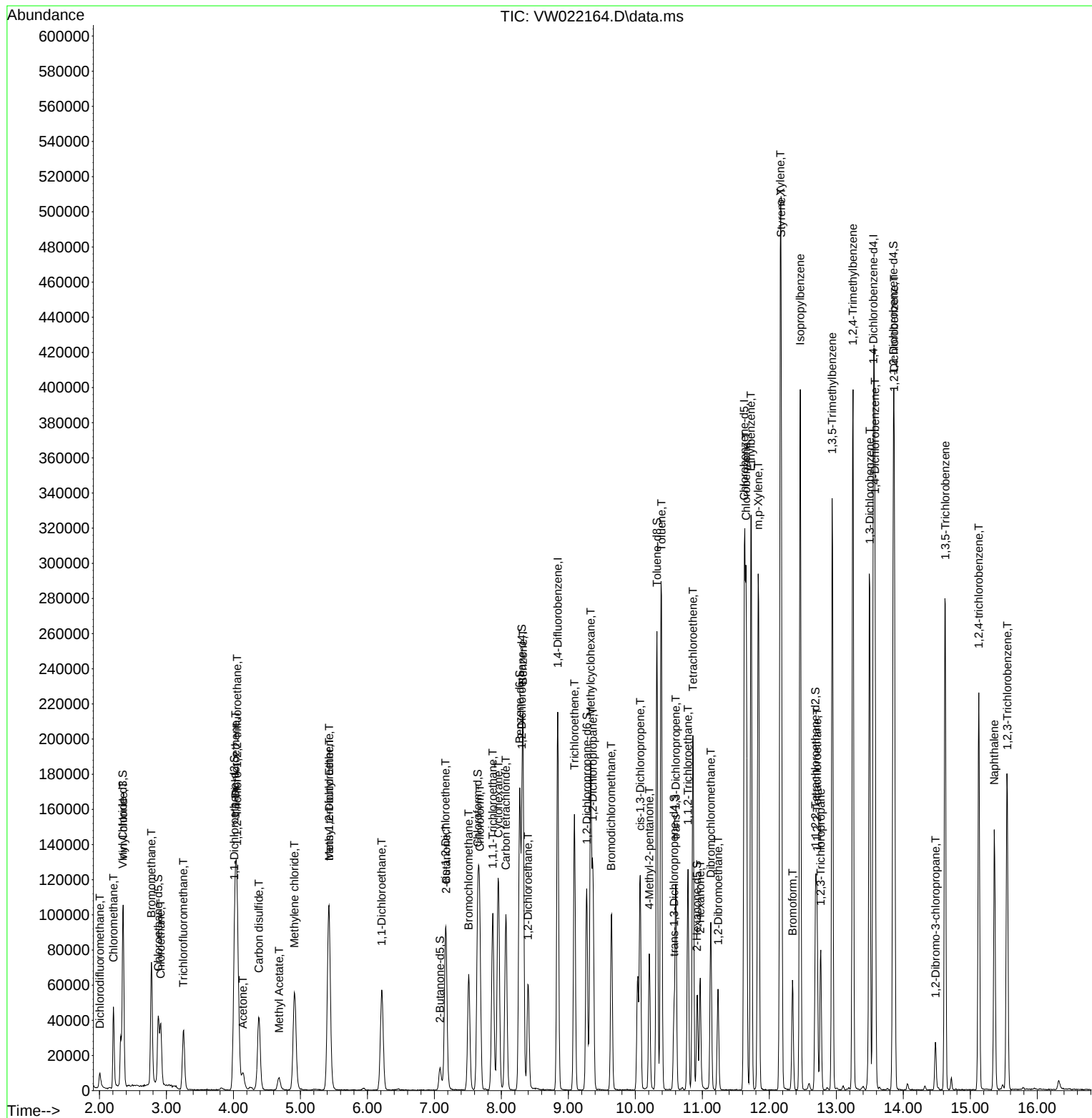
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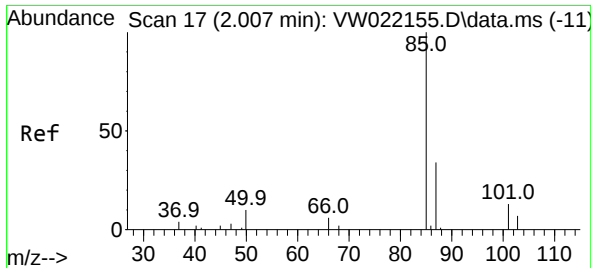
Instrument :
 MSVOA_W
 ClientSampleId :
 DBRS5MSD

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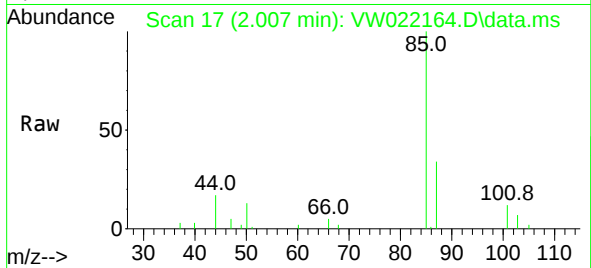
Reviewed By : Semsettin Yesilyurt 03/05/2022
 Supervised By : Mahesh Dadoda 03/07/2022





#2
Dichlorodifluoromethane
Concen: 21.904 ug/L
RT: 2.007 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW022164.D
Acq: 03 Mar 2022 15:24

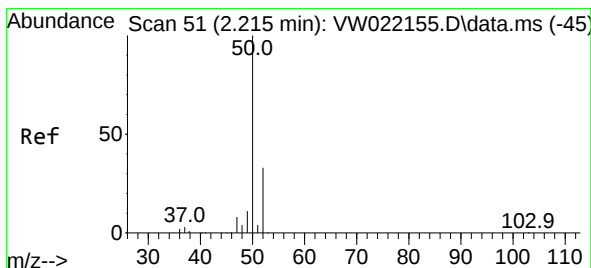
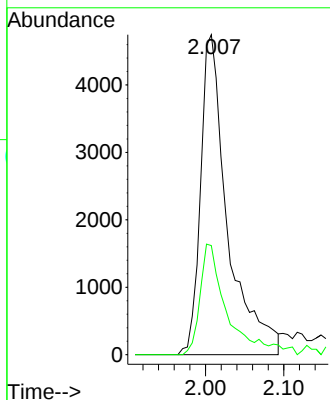
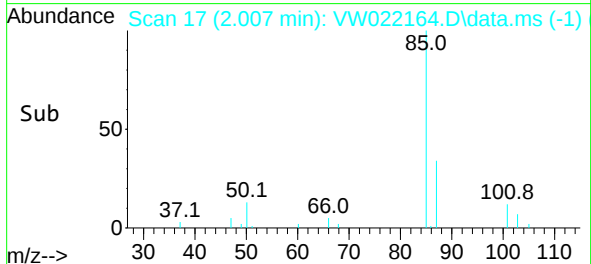
Instrument :
MSVOA_W
ClientSampleId :
DBRS5MSD



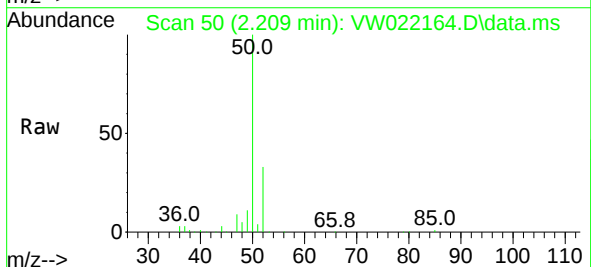
Tgt Ion: 85 Resp: 11378
Ion Ratio Lower Upper
85 100
87 31.3 27.6 41.4

Manual Integrations
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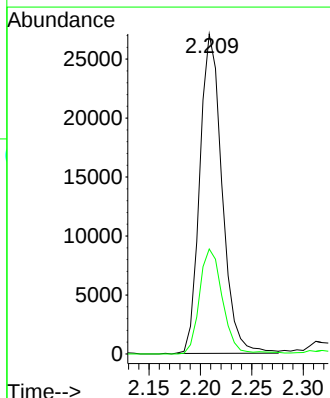
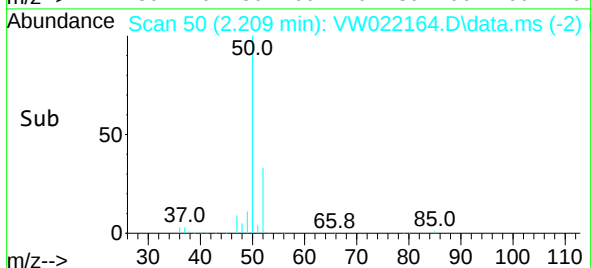
Reviewed By :Semsettin Yesilyurt 03/05/2022
Supervised By :Mahesh Dadoda 03/07/2022

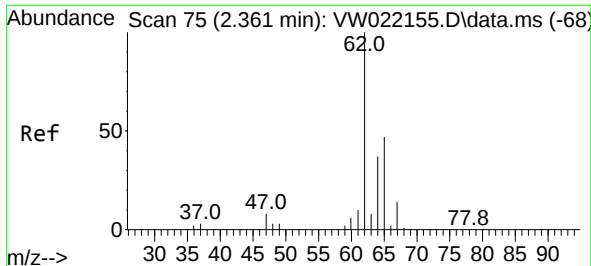


#3
Chloromethane
Concen: 22.960 ug/L
RT: 2.209 min Scan# 50
Delta R.T. -0.006 min
Lab File: VW022164.D
Acq: 03 Mar 2022 15:24



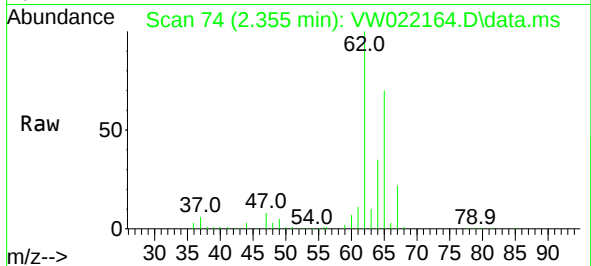
Tgt Ion: 50 Resp: 40870
Ion Ratio Lower Upper
50 100
52 32.8 23.9 44.5





#5
 Vinyl chloride
 Concen: 21.705 ug/L
 RT: 2.355 min Scan# 74
 Delta R.T. -0.006 min
 Lab File: VW022164.D
 Acq: 03 Mar 2022 15:24

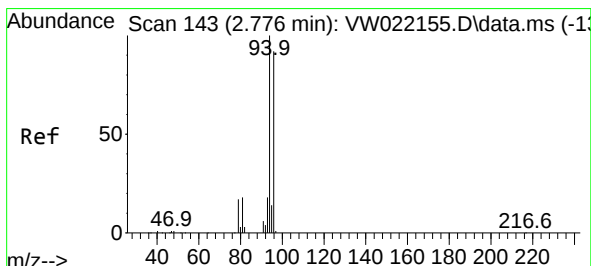
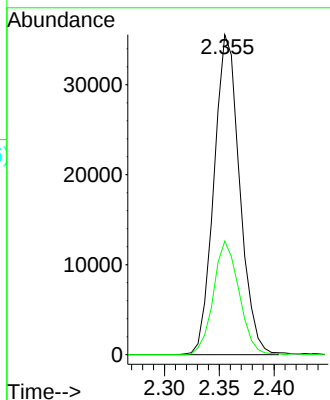
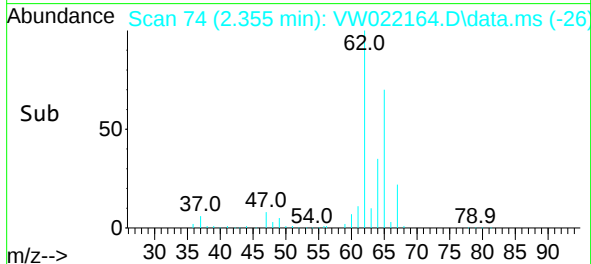
Instrument :
 MSVOA_W
 ClientSampleId :
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Tgt Ion: 62 Resp: 5805
 Ion Ratio Lower Upper
 62 100
 64 35.5 24.7 45.9

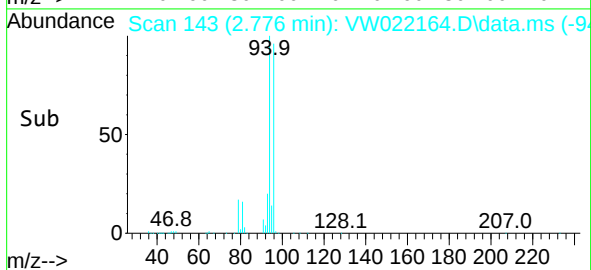
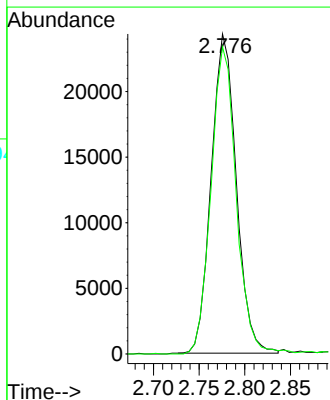
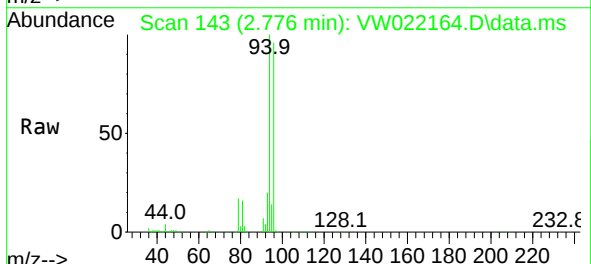
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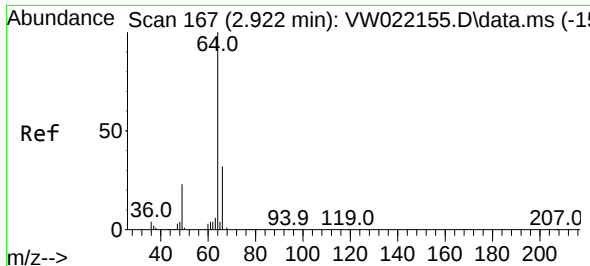
Reviewed By :Semsettin Yesilyurt 03/05/2022
 Supervised By :Mahesh Dadoda 03/07/2022



#6
 Bromomethane
 Concen: 24.871 ug/L
 RT: 2.776 min Scan# 143
 Delta R.T. -0.000 min
 Lab File: VW022164.D
 Acq: 03 Mar 2022 15:24

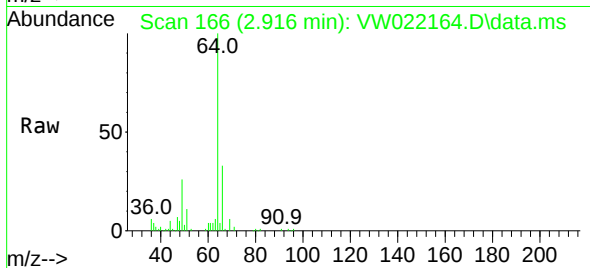
Tgt Ion: 94 Resp: 46457
 Ion Ratio Lower Upper
 94 100
 96 95.9 61.2 113.8





#8
Chloroethane
Concen: 21.530 ug/L
RT: 2.916 min Scan# 166
Delta R.T. -0.006 min
Lab File: VW022164.D
Acq: 03 Mar 2022 15:24

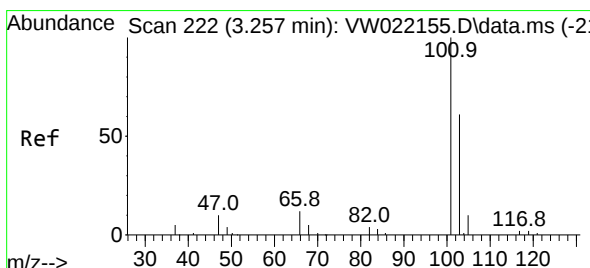
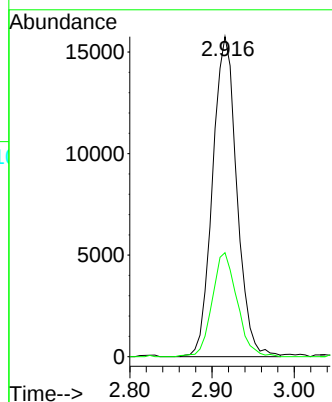
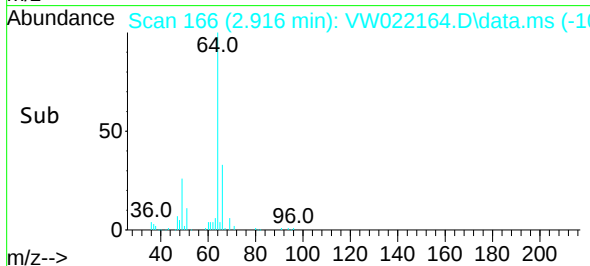
Instrument :
MSVOA_W
ClientSampleId :
DBRS5MSD



Tgt Ion: 64 Resp: 32348
Ion Ratio Lower Upper
64 100
66 32.5 23.2 43.0

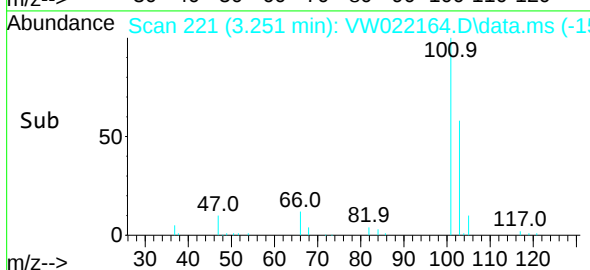
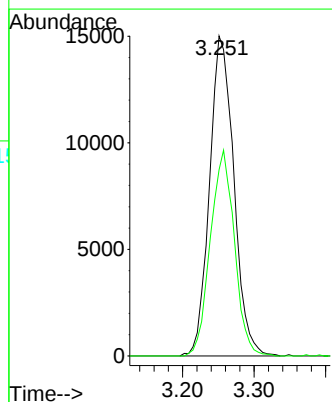
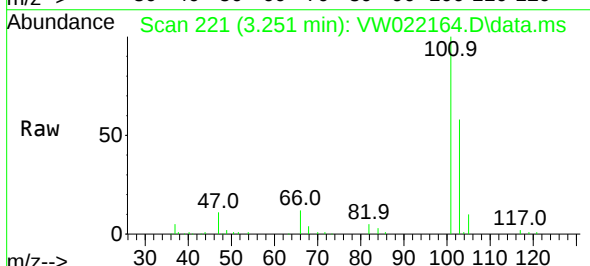
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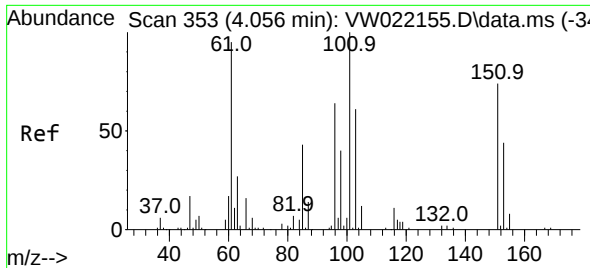
Reviewed By :Semsettin Yesilyurt 03/05/2022
Supervised By :Mahesh Dadoda 03/07/2022



#9
Trichlorofluoromethane
Concen: 19.527 ug/L
RT: 3.251 min Scan# 221
Delta R.T. -0.006 min
Lab File: VW022164.D
Acq: 03 Mar 2022 15:24

Tgt Ion:101 Resp: 35457
Ion Ratio Lower Upper
101 100
103 63.6 53.2 79.8





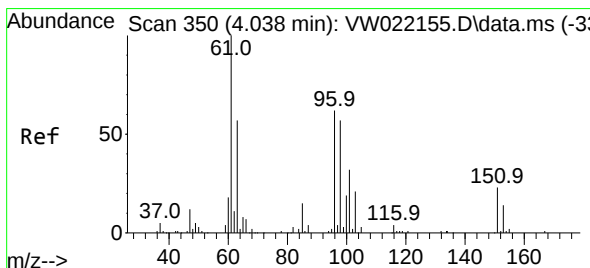
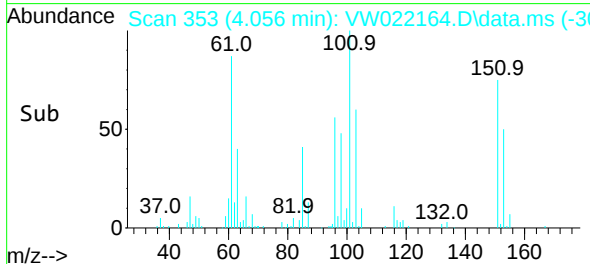
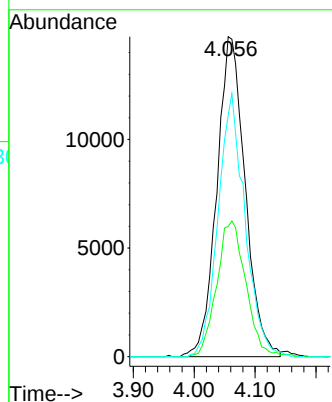
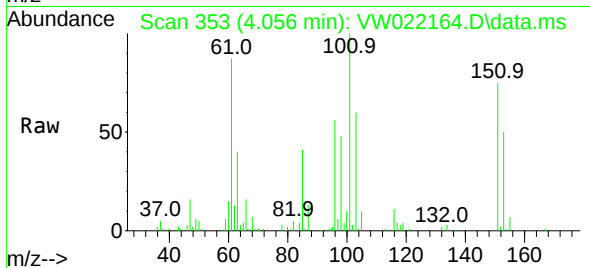
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 21.512 ug/L
RT: 4.056 min Scan# 310
Delta R.T. -0.000 min
Lab File: VW022164.D
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Instrument :
MSVOA_W
ClientSampleId :
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Tgt Ion:101 Resp: 4765
Ion Ratio Lower Upper
101 100
85 43.0 34.4 51.6
151 78.1 59.0 88.4

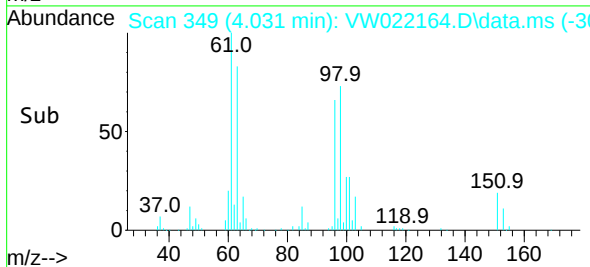
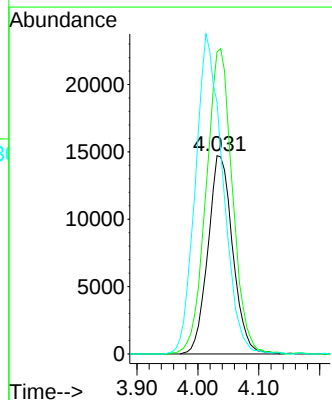
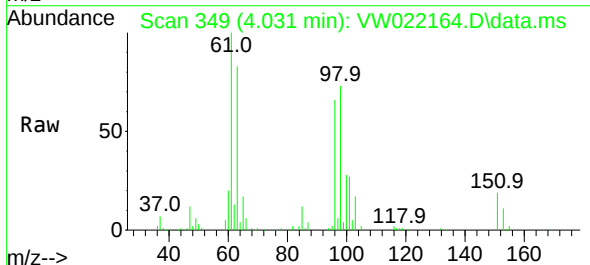
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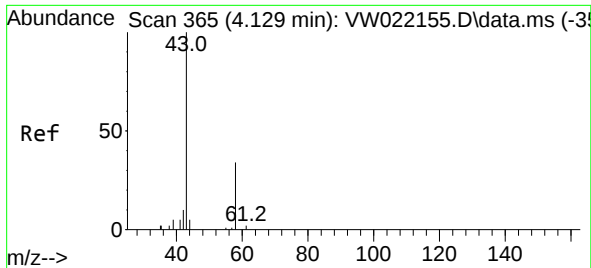
Reviewed By :Semsettin Yesilyurt 03/05/2022
Supervised By :Mahesh Dadoda 03/07/2022



#12
1,1-Dichloroethene
Concen: 21.623 ug/L
RT: 4.031 min Scan# 349
Delta R.T. -0.006 min
Lab File: VW022164.D
Acq: 03 Mar 2022 15:24

Tgt Ion: 96 Resp: 41516
Ion Ratio Lower Upper
96 100
61 152.3 108.4 201.2
63 127.0 72.0 133.6





#13

Acetone

Concen: 50.817 ug/L

RT: 4.141 min Scan# 365

Delta R.T. 0.012 min

Lab File: VW022164.D

Acq: 03 Mar 2022 15:24

Instrument :

MSVOA_W

ClientSampleId :

DBRS5MSD

Tgt Ion: 43 Resp: 16918

Ion Ratio Lower Upper

43 100

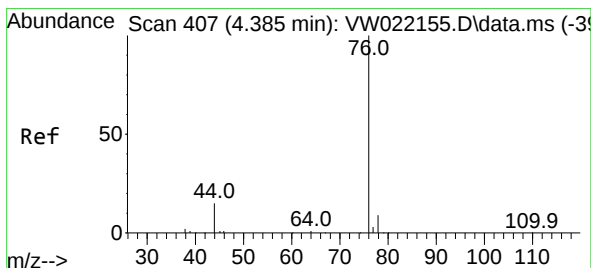
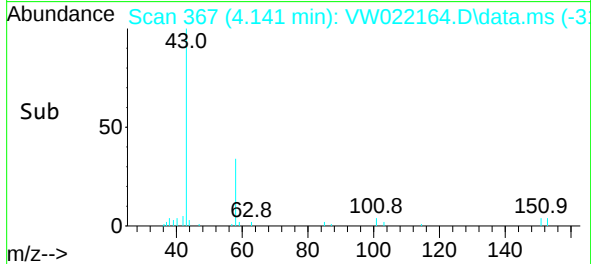
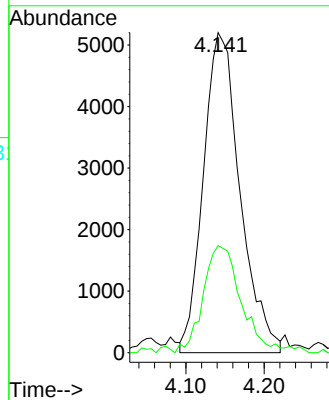
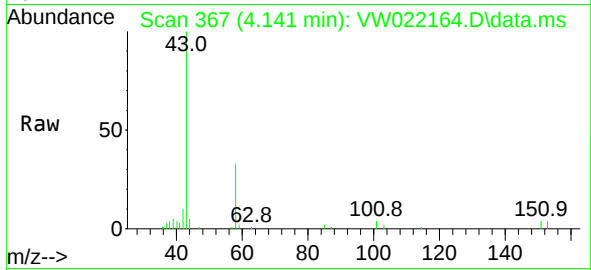
58 31.7 0.0 69.2

Manual Integrations

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Supervised By :Mahesh Dadoda 03/07/2022



#14

Carbon disulfide

Concen: 18.277 ug/L

RT: 4.379 min Scan# 406

Delta R.T. -0.006 min

Lab File: VW022164.D

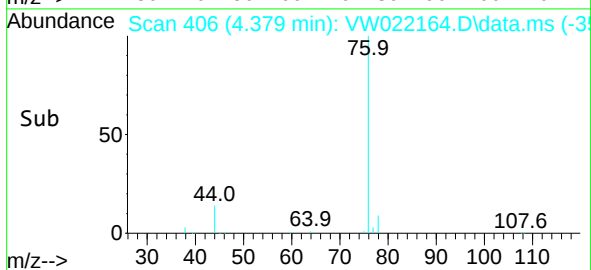
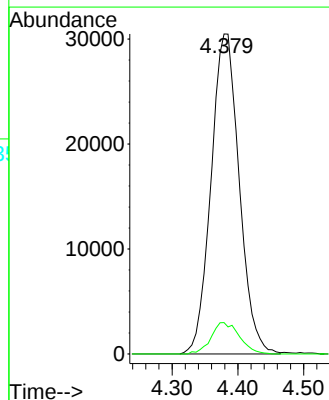
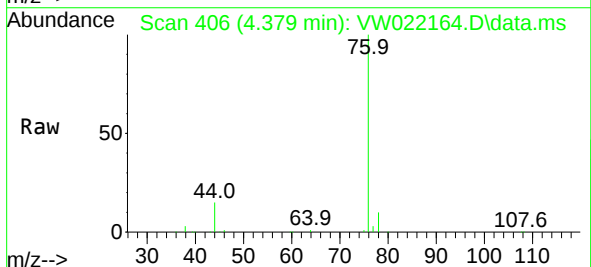
Acq: 03 Mar 2022 15:24

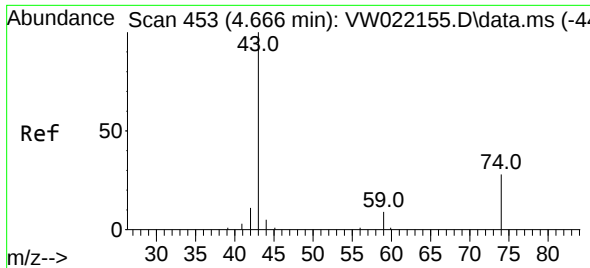
Tgt Ion: 76 Resp: 90980

Ion Ratio Lower Upper

76 100

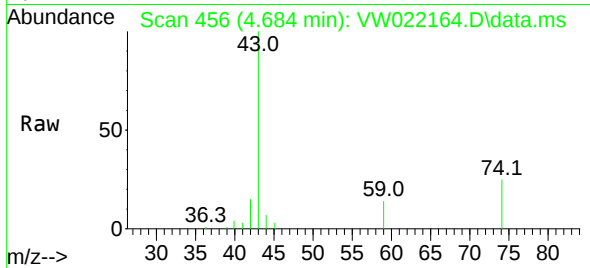
78 9.8 7.8 11.8





#15
Methyl Acetate
Concen: 18.319 ug/L m
RT: 4.684 min Scan# 4
Delta R.T. 0.018 min
Lab File: VW022164.D
Acq: 03 Mar 2022 15:24

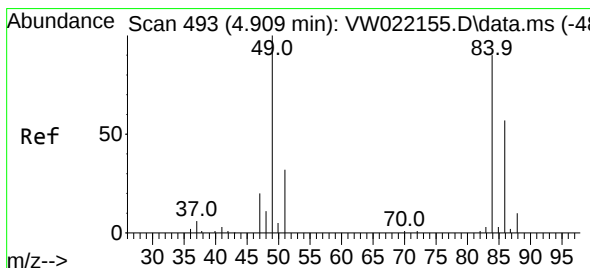
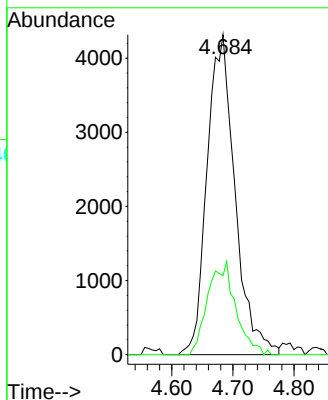
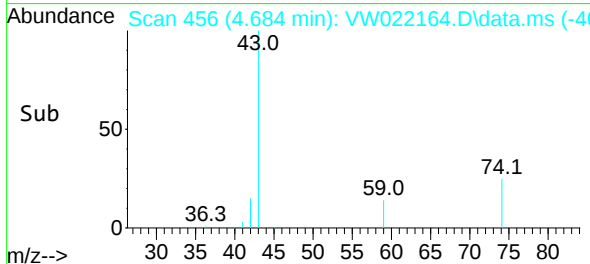
Instrument :
MSVOA_W
ClientSampleId :
DBRS5MSD



Tgt Ion: 43 Resp: 13730
Ion Ratio Lower Upper
43 100
74 0.2 23.0 34.6

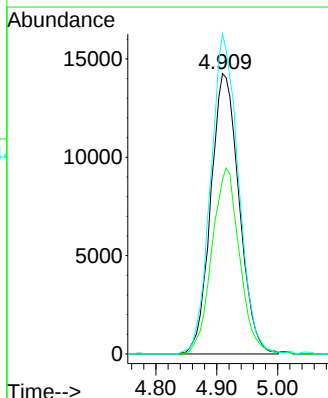
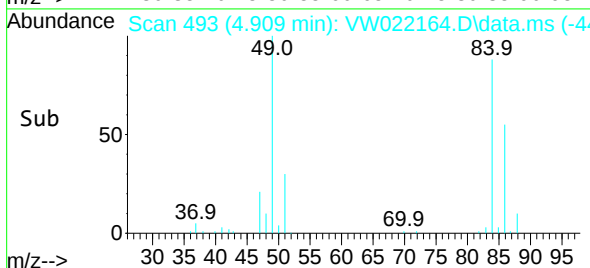
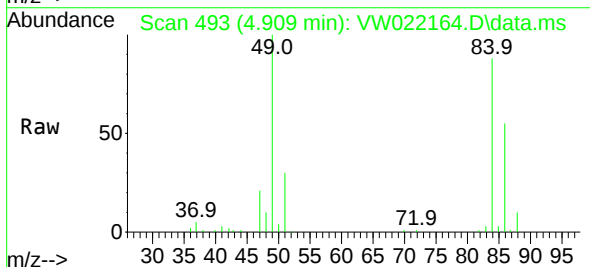
Manual Integrations
APPROVED

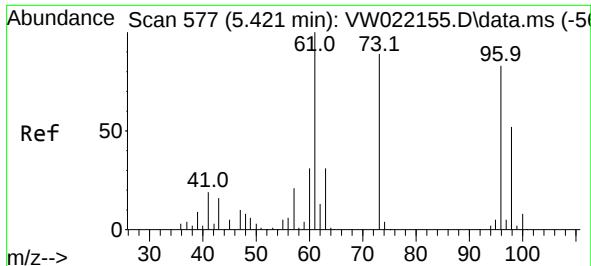
Reviewed By :Semsettin Yesilyurt 03/05/2022
Supervised By :Mahesh Dadoda 03/07/2022



#16
Methylene chloride
Concen: 20.216 ug/L
RT: 4.909 min Scan# 493
Delta R.T. -0.000 min
Lab File: VW022164.D
Acq: 03 Mar 2022 15:24

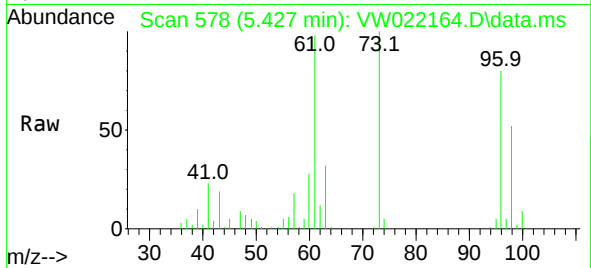
Tgt Ion: 84 Resp: 46123
Ion Ratio Lower Upper
84 100
86 62.3 45.8 85.0
49 114.2 73.8 137.0





#17
trans-1,2-Dichloroethene
Concen: 21.585 ug/L
RT: 5.427 min Scan# 577
Delta R.T. 0.006 min
Lab File: VW022164.D
Acq: 03 Mar 2022 15:24

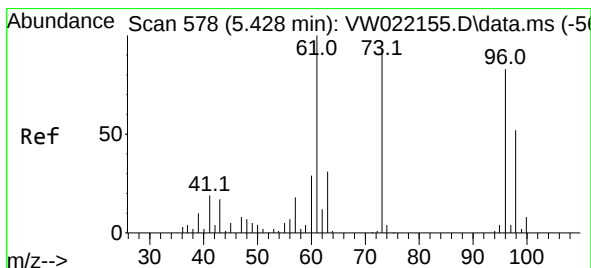
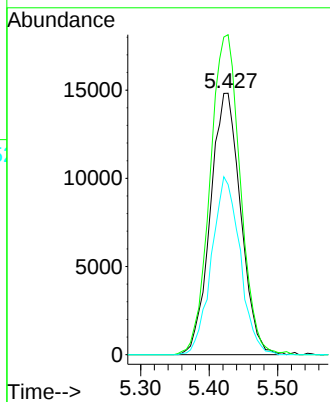
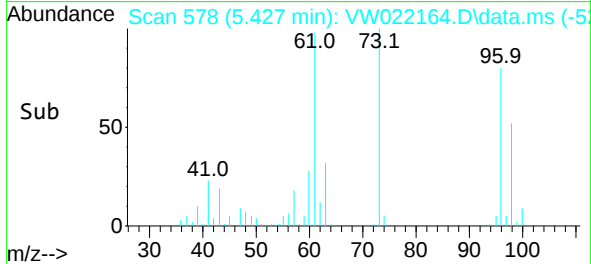
Instrument :
MSVOA_W
ClientSampleId :
DBRS5MSD



Tgt Ion: 96 Resp: 4552
Ion Ratio Lower Upper
96 100
61 122.4 87.3 162.1
98 65.1 43.2 80.2

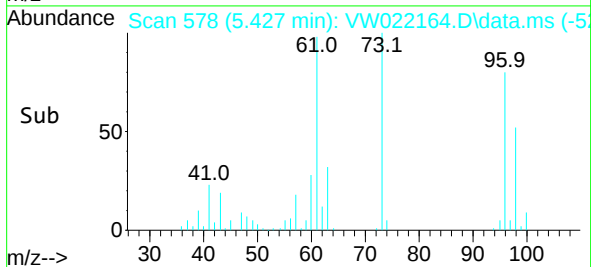
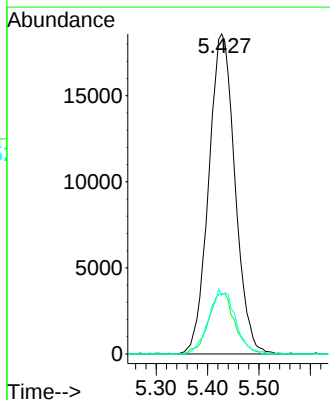
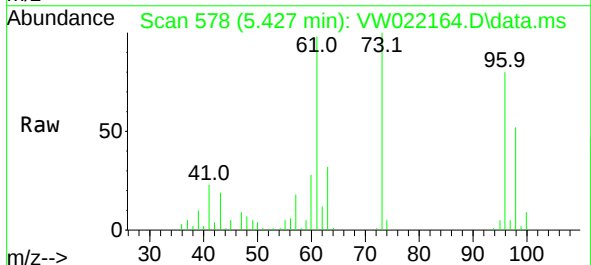
Manual Integrations
APPROVED

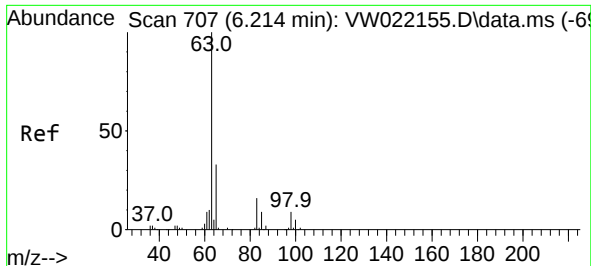
Reviewed By :Semsettin Yesilyurt 03/05/2022
Supervised By :Mahesh Dadoda 03/07/2022



#18
Methyl tert-butyl Ether
Concen: 23.029 ug/L
RT: 5.427 min Scan# 578
Delta R.T. -0.000 min
Lab File: VW022164.D
Acq: 03 Mar 2022 15:24

Tgt Ion: 73 Resp: 66075
Ion Ratio Lower Upper
73 100
43 19.1 15.4 23.2
57 10.9 16.5 24.7#





#19

1,1-Dichloroethane

Concen: 22.826 ug/L

RT: 6.214 min Scan# 707

Delta R.T. -0.000 min

Lab File: VW022164.D

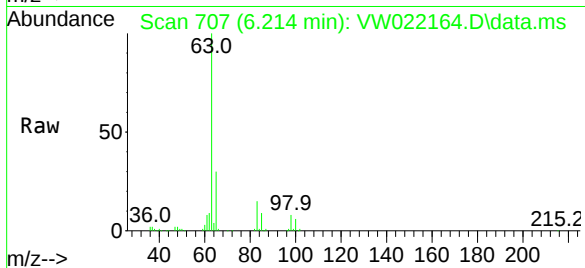
Acq: 03 Mar 2022 15:24

Instrument :

MSVOA_W

ClientSampleId :

DBRS5MSD



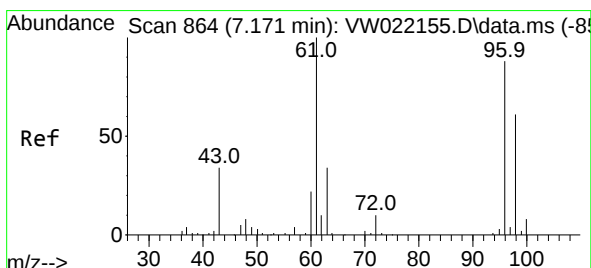
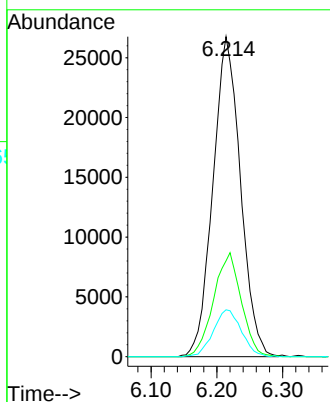
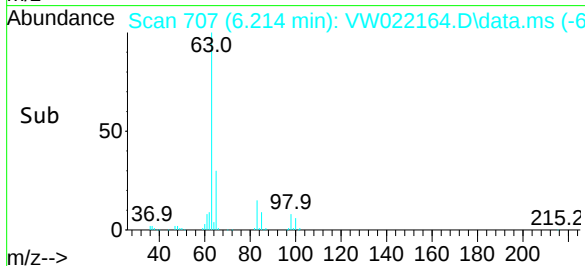
Tgt Ion: 63 Resp: 7793

Ion	Ratio	Lower	Upper
63	100		
65	29.9	22.5	41.9
83	14.7	11.5	21.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/05/2022
Supervised By :Mahesh Dadoda 03/07/2022



#20

cis-1,2-Dichloroethene

Concen: 23.281 ug/L

RT: 7.165 min Scan# 863

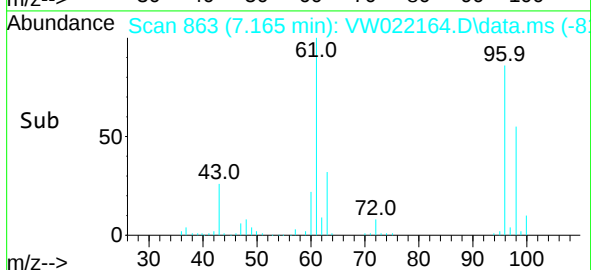
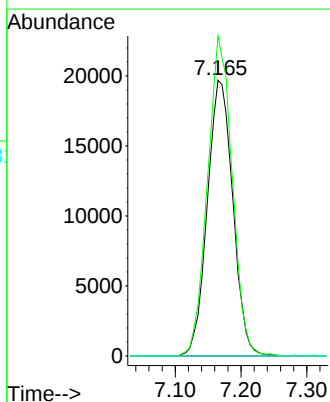
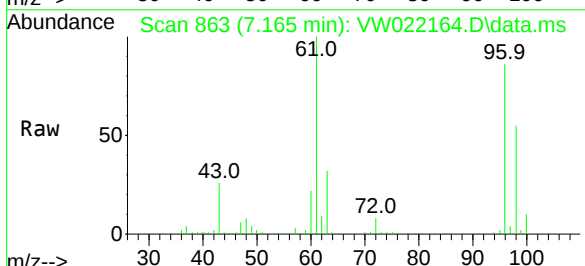
Delta R.T. -0.006 min

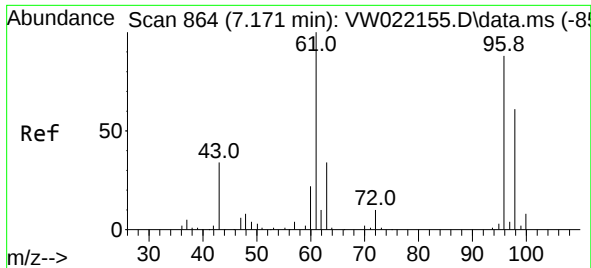
Lab File: VW022164.D

Acq: 03 Mar 2022 15:24

Tgt Ion: 96 Resp: 53186

Ion	Ratio	Lower	Upper
96	100		
61	116.0	76.8	142.6
68	0.0	0.0	0.0





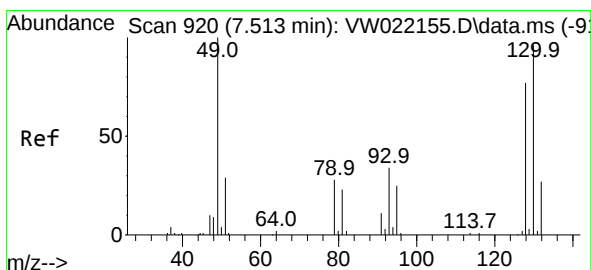
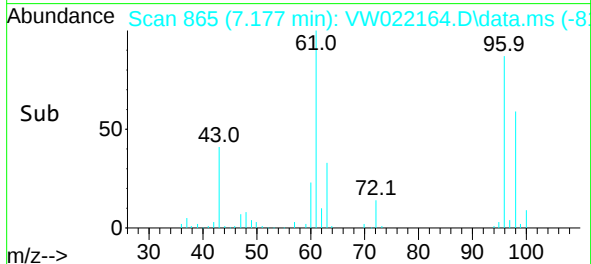
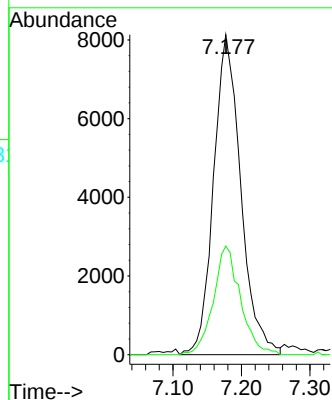
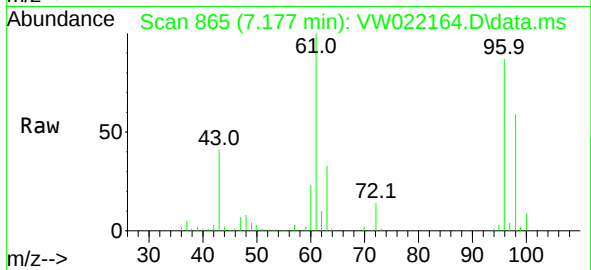
#22
2-Butanone
Concen: 46.816 ug/L
RT: 7.177 min Scan# 864
Delta R.T. 0.006 min
Lab File: VW022164.D
Acq: 03 Mar 2022 15:24

Instrument :
MSVOA_W
ClientSampleId :
DBRS5MSD

Tgt Ion: 43 Resp: 22389
Ion Ratio Lower Upper
43 100
72 33.9 17.0 51.0

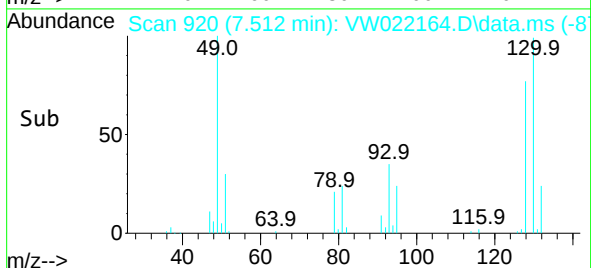
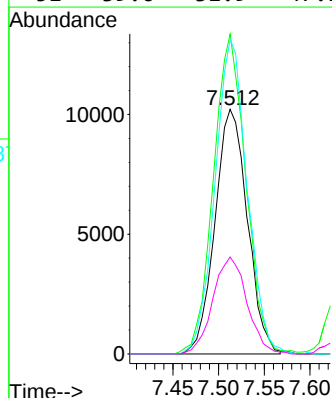
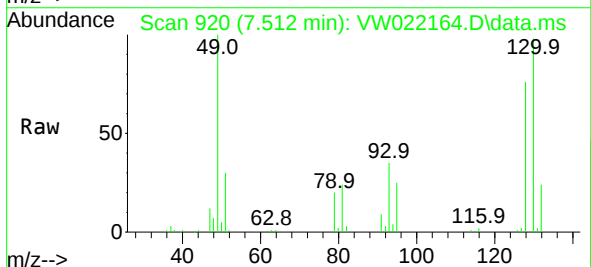
Manual Integrations
APPROVED

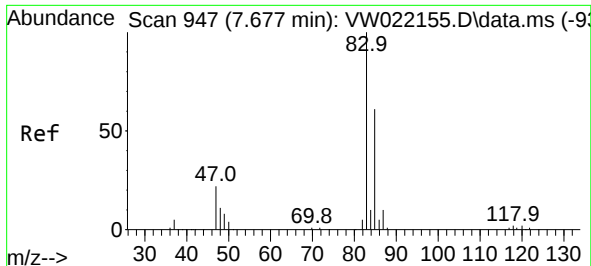
Reviewed By :Semsettin Yesilyurt 03/05/2022
Supervised By :Mahesh Dadoda 03/07/2022



#23
Bromochloromethane
Concen: 22.616 ug/L
RT: 7.512 min Scan# 920
Delta R.T. -0.000 min
Lab File: VW022164.D
Acq: 03 Mar 2022 15:24

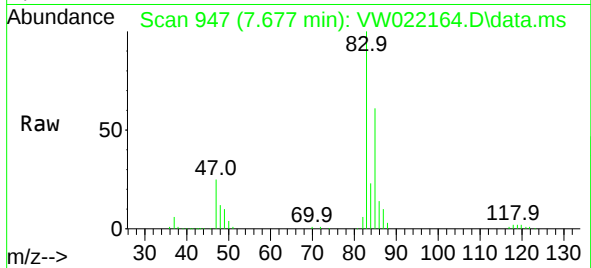
Tgt Ion:128 Resp: 25239
Ion Ratio Lower Upper
128 100
49 130.8 84.2 156.4
130 128.5 84.8 157.4
51 39.6 31.9 47.9





#25
Chloroform
Concen: 23.081 ug/L
RT: 7.677 min Scan# 947
Delta R.T. -0.000 min
Lab File: VW022164.D
Acq: 03 Mar 2022 15:24

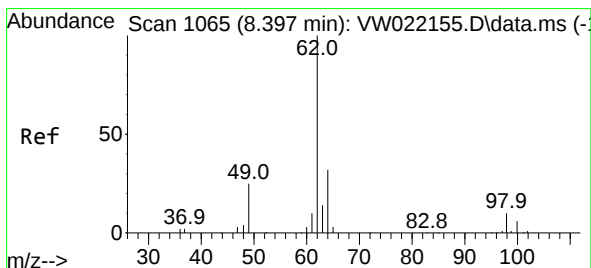
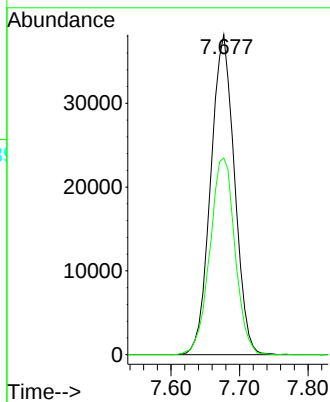
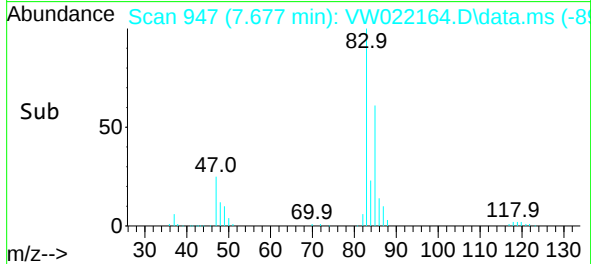
Instrument :
MSVOA_W
ClientSampleId :
DBRS5MSD



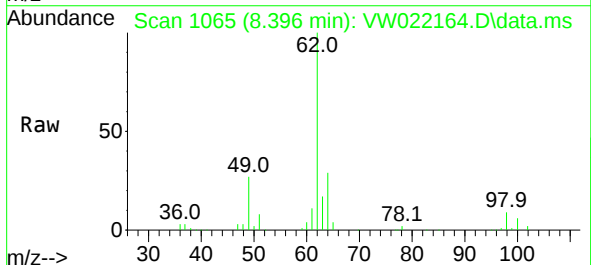
Tgt Ion: 83 Resp: 91940
Ion Ratio Lower Upper
83 100
85 61.4 45.1 83.9

Manual Integrations
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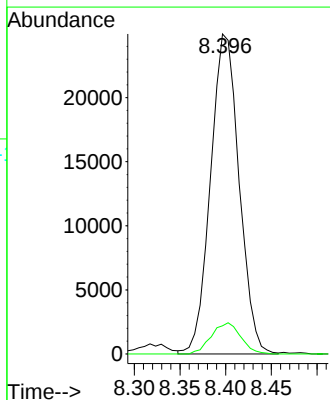
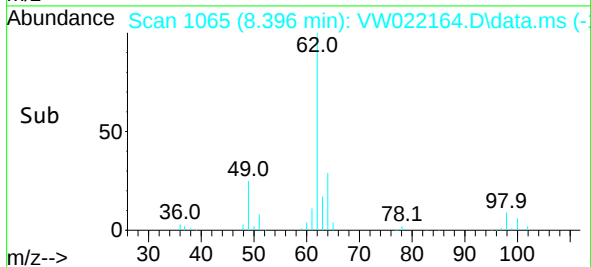
Reviewed By :Semsettin Yesilyurt 03/05/2022
Supervised By :Mahesh Dadoda 03/07/2022

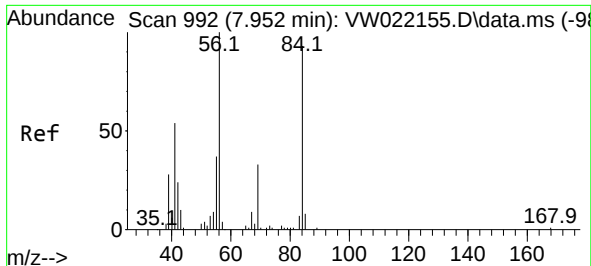


#27
1,2-Dichloroethane
Concen: 22.175 ug/L
RT: 8.396 min Scan# 1065
Delta R.T. -0.000 min
Lab File: VW022164.D
Acq: 03 Mar 2022 15:24



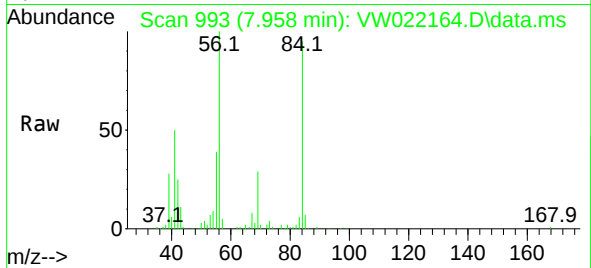
Tgt Ion: 62 Resp: 54409
Ion Ratio Lower Upper
62 100
98 8.8 7.9 11.9





#29
Cyclohexane
Concen: 22.175 ug/L
RT: 7.958 min Scan# 992
Delta R.T. 0.006 min
Lab File: VW022164.D
Acq: 03 Mar 2022 15:24

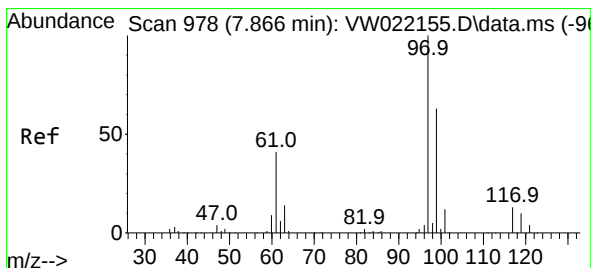
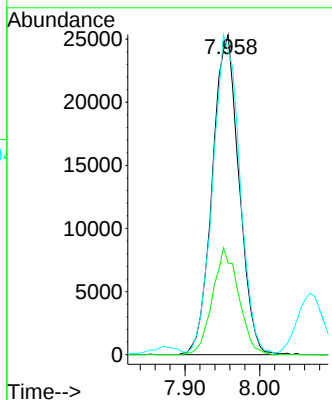
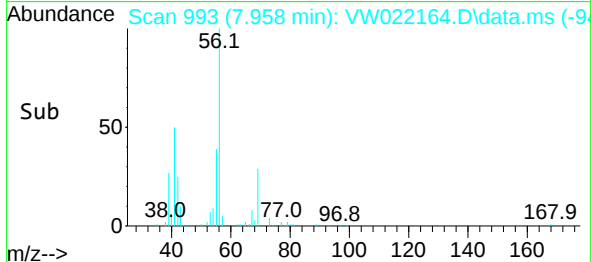
Instrument :
MSVOA_W
ClientSampleId :
DBRS5MSD



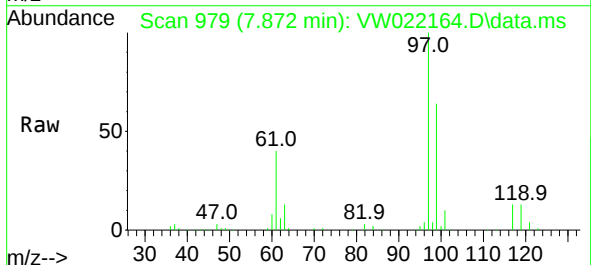
Tgt Ion: 56 Resp: 62988
Ion Ratio Lower Upper
56 100
69 32.5 26.3 39.5
84 101.6 81.4 122.2

Manual Integrations
APPROVED

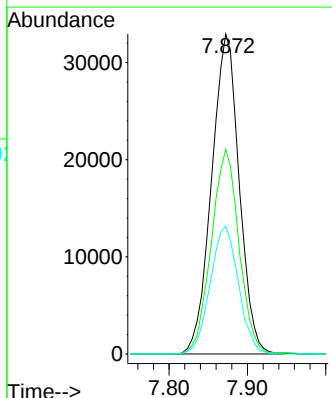
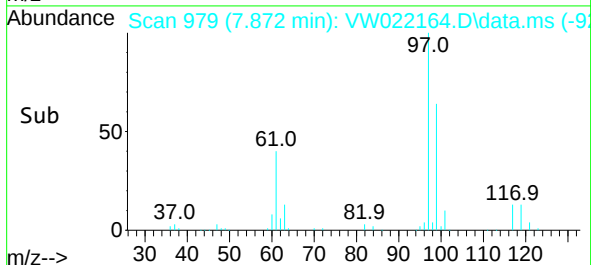
Reviewed By :Semsettin Yesilyurt 03/05/2022
Supervised By :Mahesh Dadoda 03/07/2022

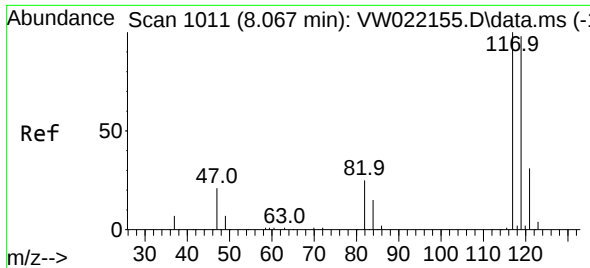


#30
1,1,1-Trichloroethane
Concen: 23.469 ug/L
RT: 7.872 min Scan# 979
Delta R.T. 0.006 min
Lab File: VW022164.D
Acq: 03 Mar 2022 15:24



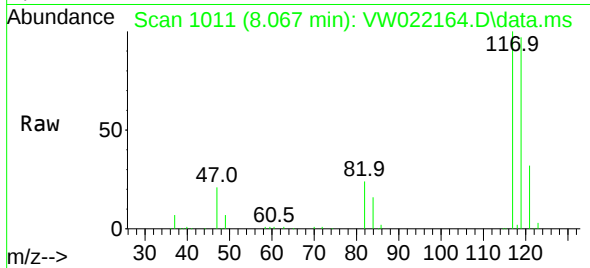
Tgt Ion: 97 Resp: 80593
Ion Ratio Lower Upper
97 100
99 64.1 52.6 78.8
61 40.9 33.0 49.6





#31
Carbon tetrachloride
Concen: 22.806 ug/L
RT: 8.067 min Scan# 1011
Delta R.T. -0.000 min
Lab File: VW022164.D
Acq: 03 Mar 2022 15:24

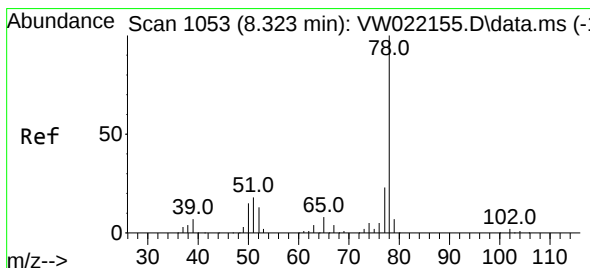
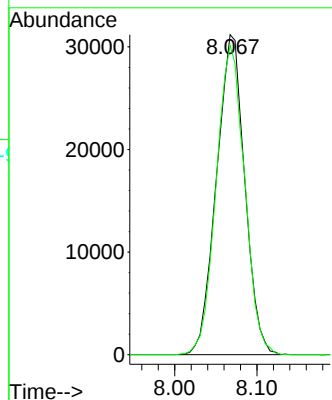
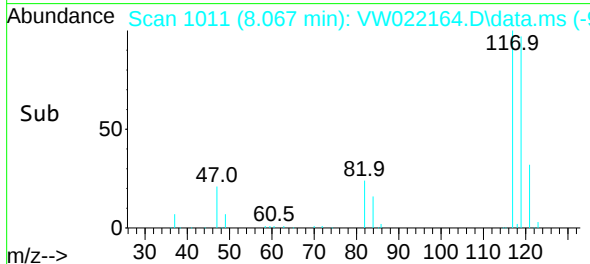
Instrument :
MSVOA_W
ClientSampleId :
DBRS5MSD



Tgt Ion:117 Resp: 7443
Ion Ratio Lower Upper
117 100
119 97.4 76.7 115.1

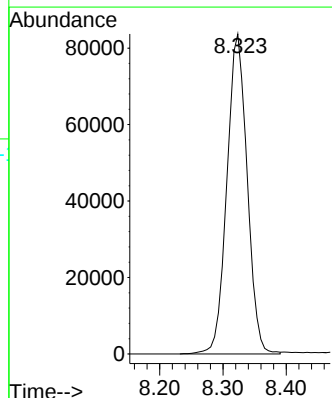
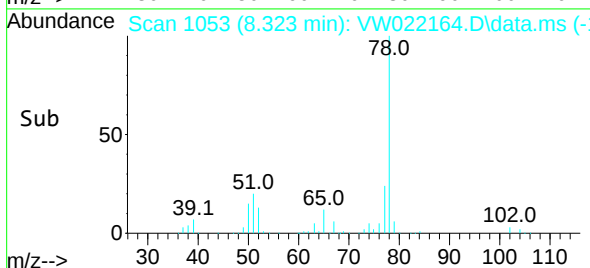
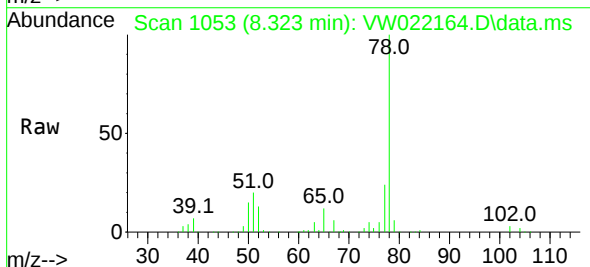
Manual Integrations
APPROVED

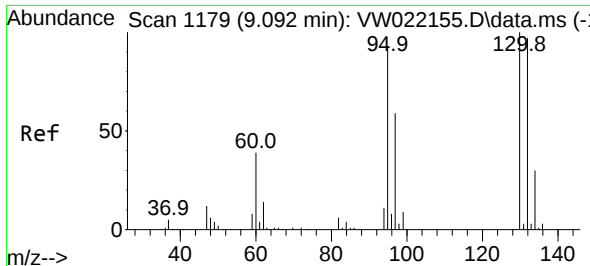
Reviewed By :Semsettin Yesilyurt 03/05/2022
Supervised By :Mahesh Dadoda 03/07/2022



#33
Benzene
Concen: 22.577 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VW022164.D
Acq: 03 Mar 2022 15:24

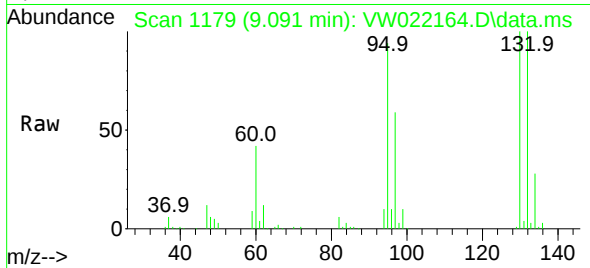
Tgt Ion: 78 Resp: 186314





#34
Trichloroethene
Concen: 22.412 ug/L
RT: 9.091 min Scan# 1179
Delta R.T. -0.000 min
Lab File: VW022164.D
Acq: 03 Mar 2022 15:24

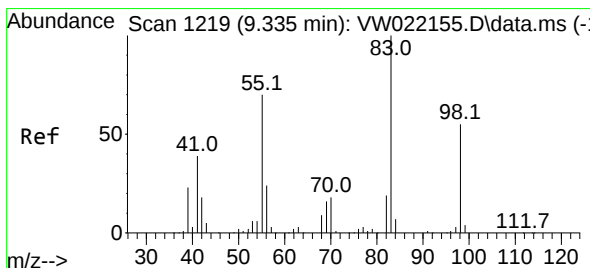
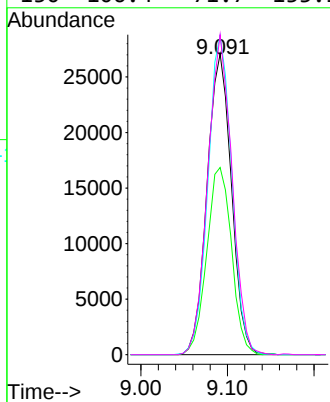
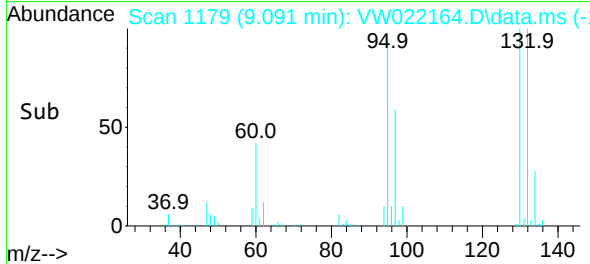
Instrument :
MSVOA_W
ClientSampleId :
DBRS5MSD



Tgt Ion: 95 Resp: 5295
Ion Ratio Lower Upper
95 100
97 62.2 44.4 82.4
132 106.2 71.7 133.1
130 106.4 71.7 133.1

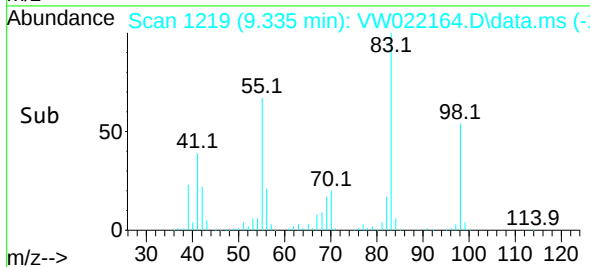
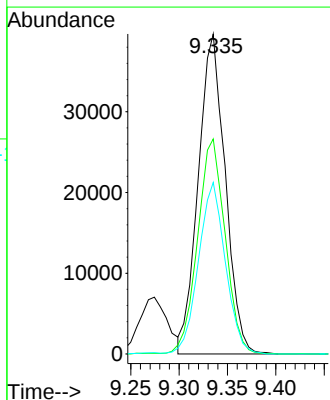
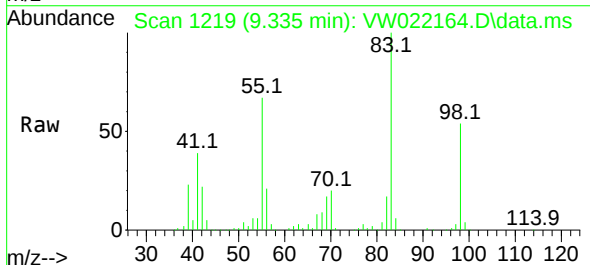
Manual Integrations
APPROVED

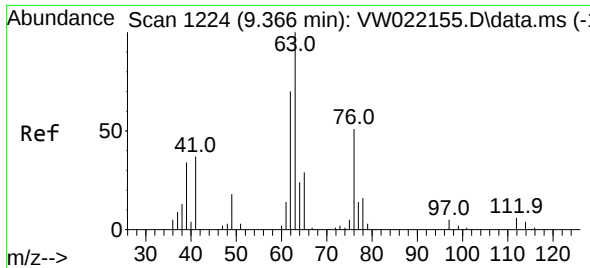
Reviewed By :Semsettin Yesilyurt 03/05/2022
Supervised By :Mahesh Dadoda 03/07/2022



#35
Methylcyclohexane
Concen: 21.014 ug/L
RT: 9.335 min Scan# 1219
Delta R.T. -0.000 min
Lab File: VW022164.D
Acq: 03 Mar 2022 15:24

Tgt Ion: 83 Resp: 76801
Ion Ratio Lower Upper
83 100
55 68.7 53.8 80.8
98 53.6 42.1 63.1





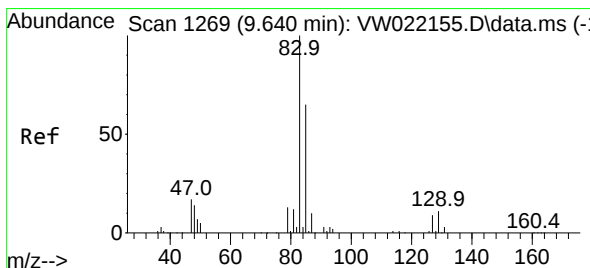
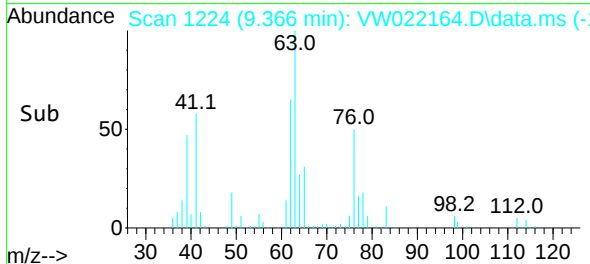
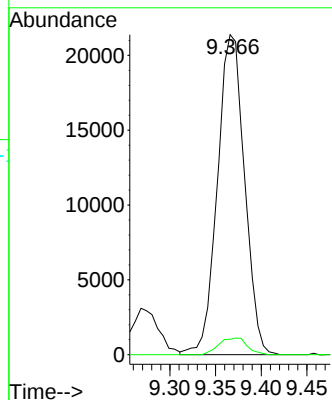
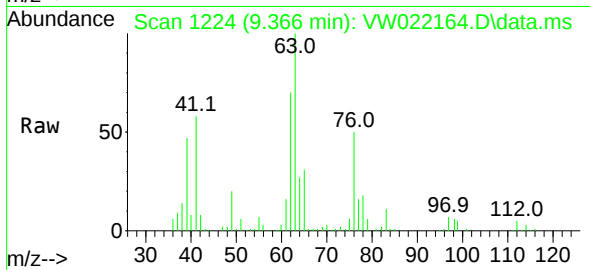
#37
1,2-Dichloropropane
Concen: 22.960 ug/L
RT: 9.366 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW022164.D
Acq: 03 Mar 2022 15:24

Instrument :
MSVOA_W
ClientSampleId :
DBRS5MSD

Tgt Ion: 63 Resp: 4420
Ion Ratio Lower Upper
63 100
112 5.4 4.1 6.1

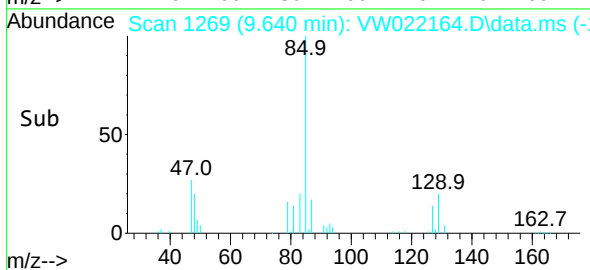
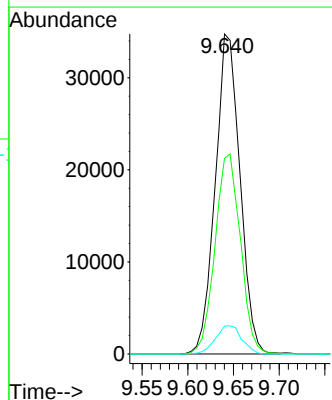
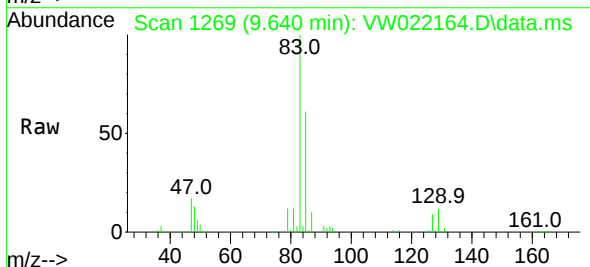
Manual Integrations
APPROVED

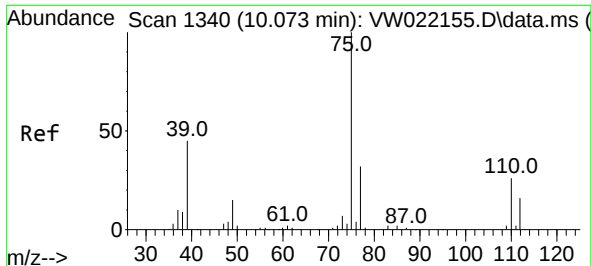
Reviewed By :Semsettin Yesilyurt 03/05/2022
Supervised By :Mahesh Dadoda 03/07/2022



#38
Bromodichloromethane
Concen: 23.703 ug/L
RT: 9.640 min Scan# 1269
Delta R.T. -0.000 min
Lab File: VW022164.D
Acq: 03 Mar 2022 15:24

Tgt Ion: 83 Resp: 65440
Ion Ratio Lower Upper
83 100
85 61.1 47.9 89.1
127 8.7 7.5 11.3





#39

cis-1,3-Dichloropropene

Concen: 24.240 ug/L

RT: 10.073 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW022164.D

Acq: 03 Mar 2022 15:24

Instrument :

MSVOA_W

ClientSampleId :

DBRS5MSD

Tgt Ion: 75 Resp: 7093

Ion Ratio Lower Upper

75 100

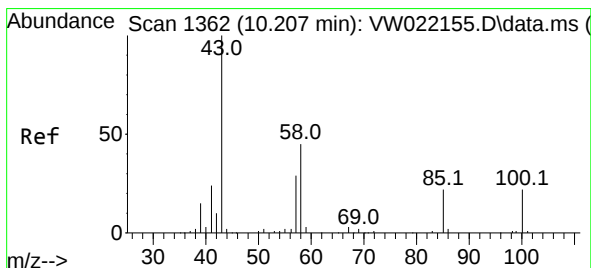
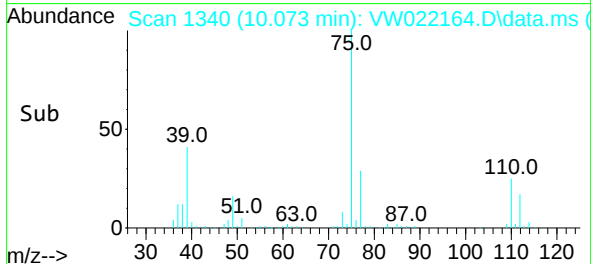
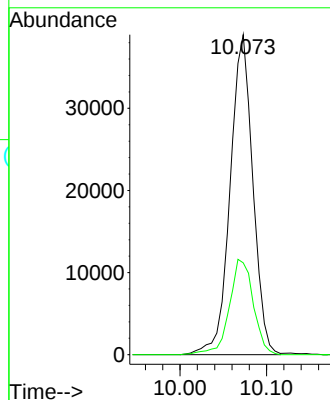
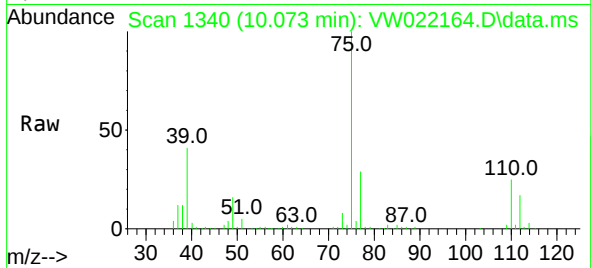
77 28.7 20.6 38.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/05/2022

Supervised By :Mahesh Dadoda 03/07/2022



#40

4-Methyl-2-pentanone

Concen: 44.416 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. -0.000 min

Lab File: VW022164.D

Acq: 03 Mar 2022 15:24

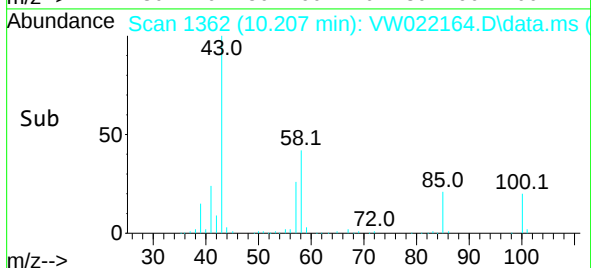
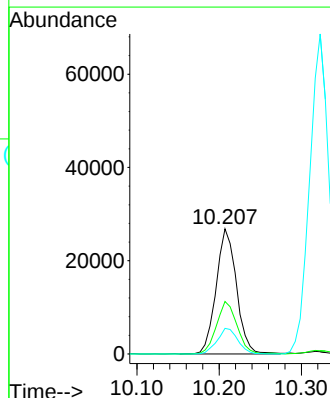
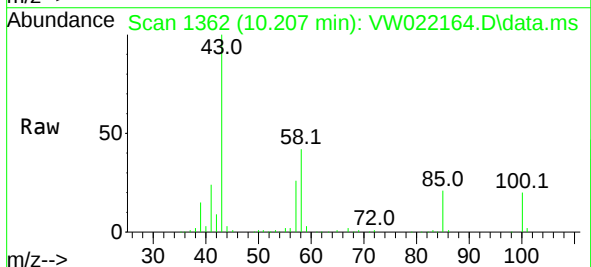
Tgt Ion: 43 Resp: 46178

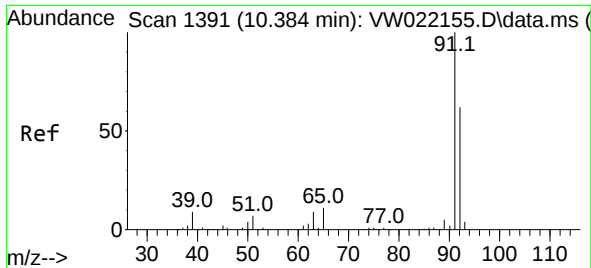
Ion Ratio Lower Upper

43 100

58 42.2 33.2 49.8

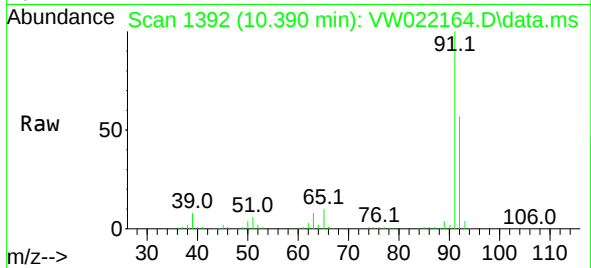
100 20.7 16.1 24.1





#42
Toluene
Concen: 23.365 ug/L
RT: 10.390 min Scan# 1392
Delta R.T. 0.006 min
Lab File: VW022164.D
Acq: 03 Mar 2022 15:24

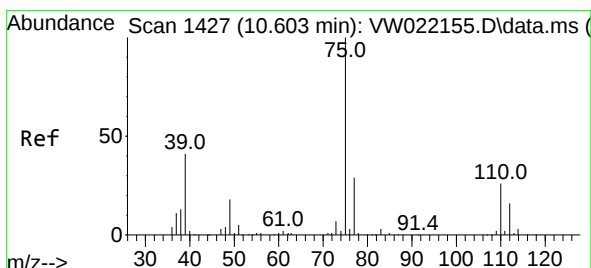
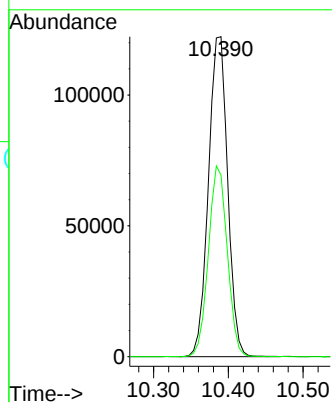
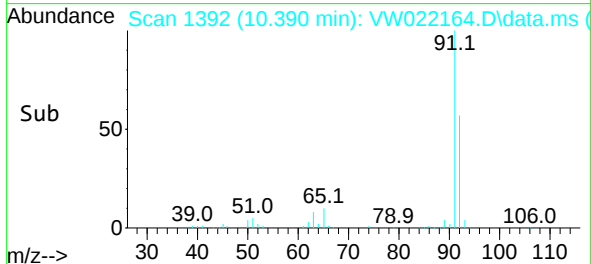
Instrument :
MSVOA_W
ClientSampleId :
DBRS5MSD



Tgt Ion: 91 Resp: 21823
Ion Ratio Lower Upper
91 100
92 56.7 40.4 75.0

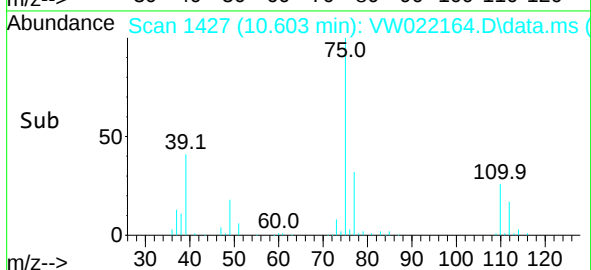
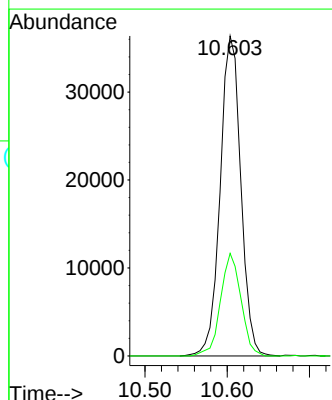
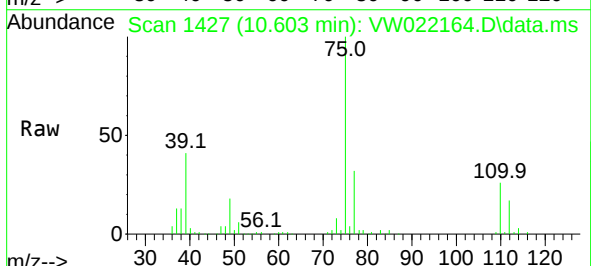
Manual Integrations
APPROVED

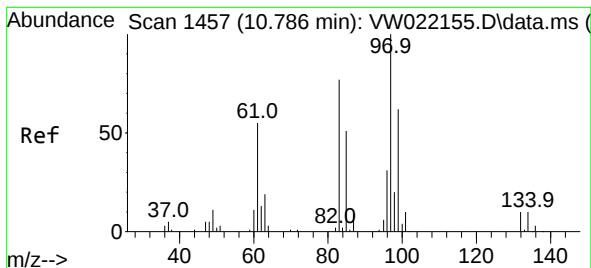
Reviewed By :Semsettin Yesilyurt 03/05/2022
Supervised By :Mahesh Dadoda 03/07/2022



#44
trans-1,3-Dichloropropene
Concen: 24.172 ug/L
RT: 10.603 min Scan# 1427
Delta R.T. -0.000 min
Lab File: VW022164.D
Acq: 03 Mar 2022 15:24

Tgt Ion: 75 Resp: 63565
Ion Ratio Lower Upper
75 100
77 32.1 22.0 40.8





#45

1,1,2-Trichloroethane

Concen: 22.014 ug/L

RT: 10.786 min Scan# 1457

Delta R.T. -0.000 min

Lab File: VW022164.D

Acq: 03 Mar 2022 15:24

Instrument :

MSVOA_W

ClientSampleId :

DBRS5MSD

Tgt Ion: 97 Resp: 3758

Ion Ratio Lower Upper

97 100

99 59.5 43.5 80.7

83 75.9 53.5 99.3

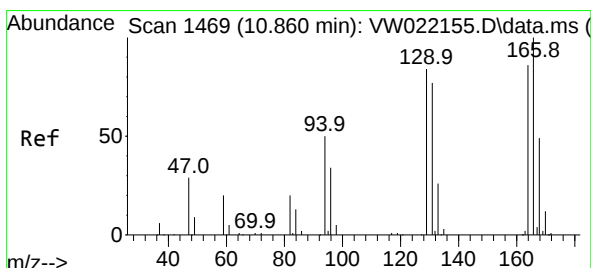
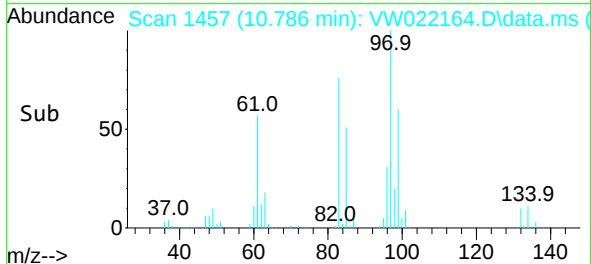
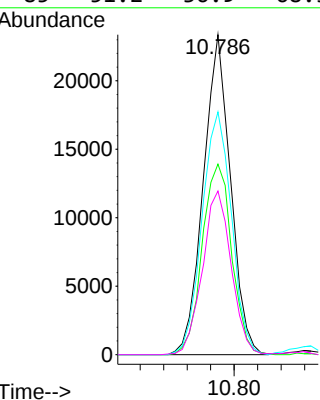
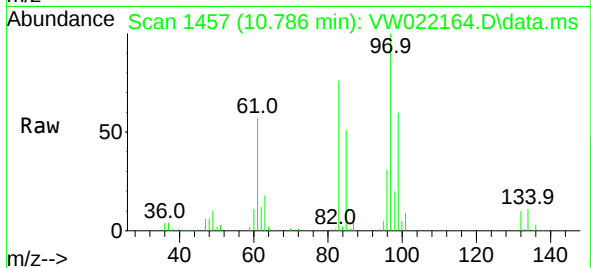
85 51.2 36.9 68.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/05/2022

Supervised By :Mahesh Dadoda 03/07/2022



#46

Tetrachloroethene

Concen: 22.050 ug/L

RT: 10.859 min Scan# 1469

Delta R.T. -0.000 min

Lab File: VW022164.D

Acq: 03 Mar 2022 15:24

Tgt Ion:164 Resp: 45639

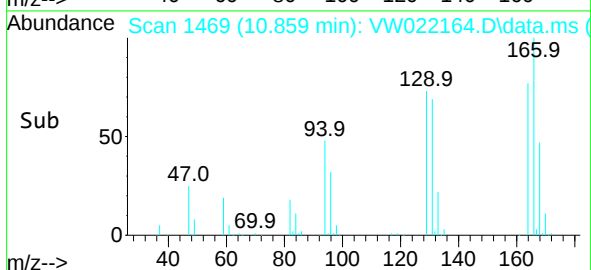
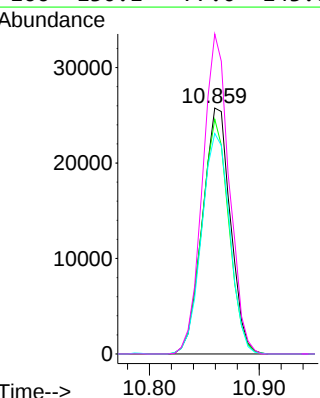
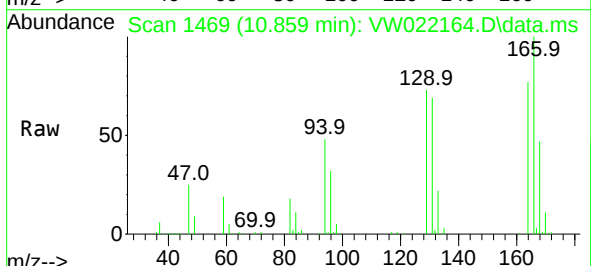
Ion Ratio Lower Upper

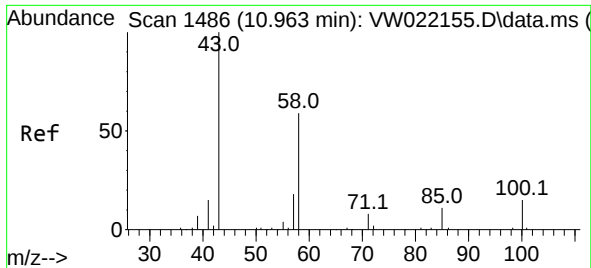
164 100

129 95.4 60.3 111.9

131 89.6 59.9 111.3

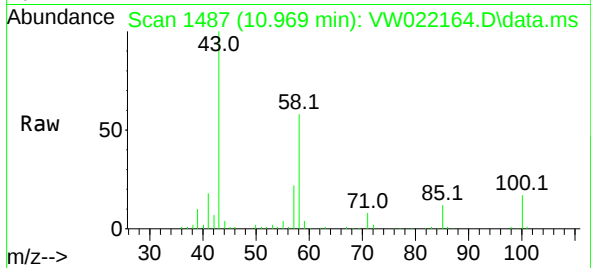
166 130.1 77.0 143.0





#48
2-Hexanone
Concen: 52.908 ug/L
RT: 10.969 min Scan# 1486
Delta R.T. 0.006 min
Lab File: VW022164.D
Acq: 03 Mar 2022 15:24

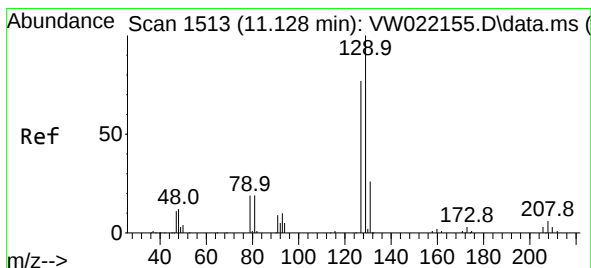
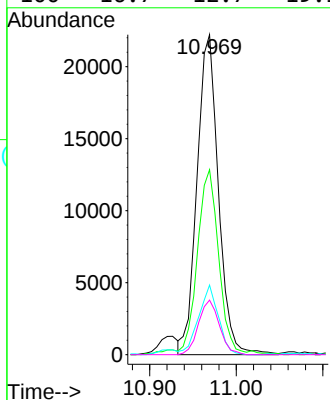
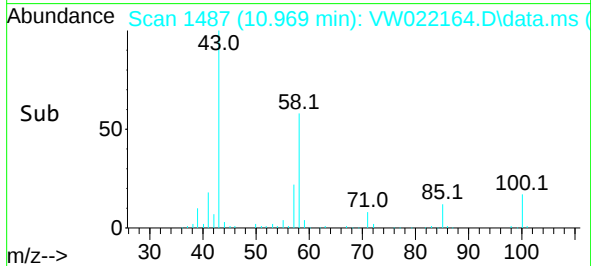
Instrument :
MSVOA_W
ClientSampleId :
DBRS5MSD



Tgt Ion: 43 Resp: 38178
Ion Ratio Lower Upper
43 100
58 57.1 44.6 66.8
57 20.2 15.8 23.8
100 16.7 12.7 19.1

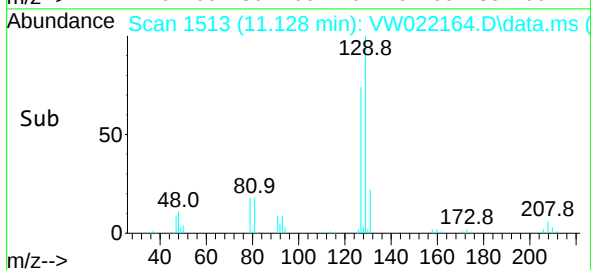
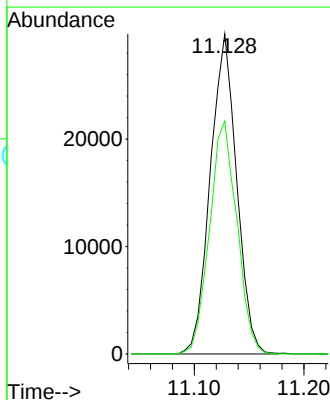
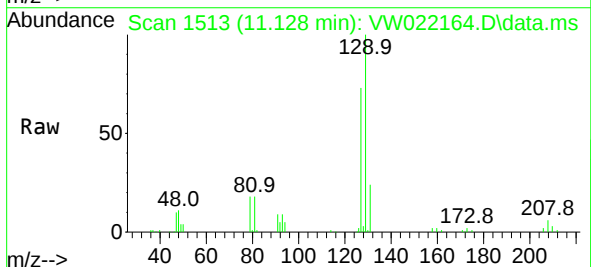
Manual Integrations
APPROVED

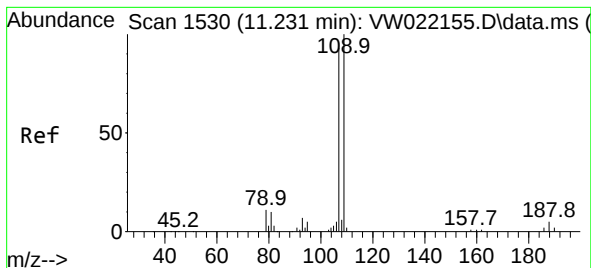
Reviewed By :Semsettin Yesilyurt 03/05/2022
Supervised By :Mahesh Dadoda 03/07/2022



#49
Dibromochloromethane
Concen: 23.987 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VW022164.D
Acq: 03 Mar 2022 15:24

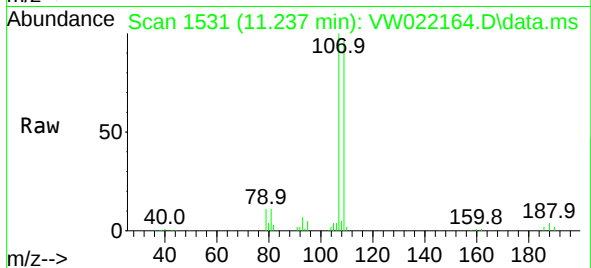
Tgt Ion:129 Resp: 49740
Ion Ratio Lower Upper
129 100
127 72.8 54.5 101.1





#50
1,2-Dibromoethane
Concen: 22.507 ug/L
RT: 11.237 min Scan# 1530
Delta R.T. 0.006 min
Lab File: VW022164.D
Acq: 03 Mar 2022 15:24

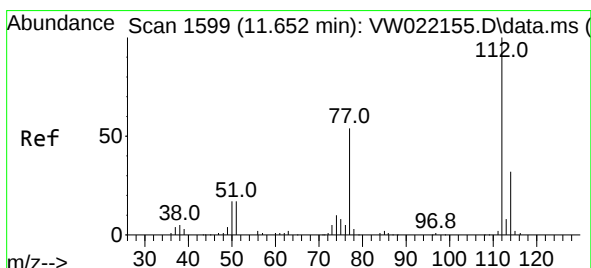
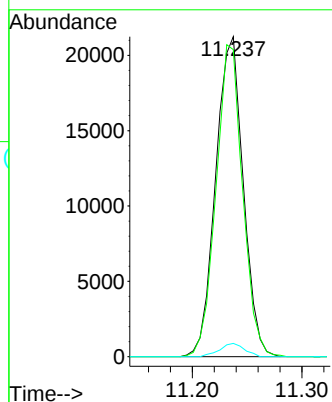
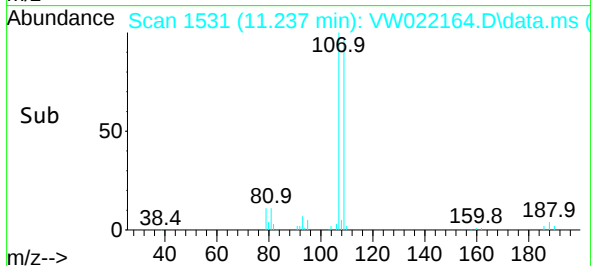
Instrument :
MSVOA_W
ClientSampleId :
DBRS5MSD



Tgt Ion:107 Resp: 3706
Ion Ratio Lower Upper
107 100
109 96.0 66.8 124.2
188 4.2 2.6 4.0

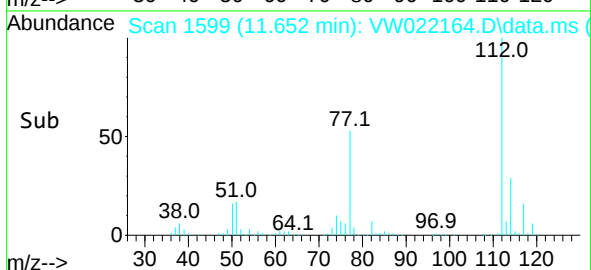
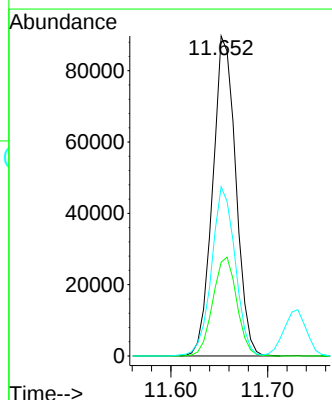
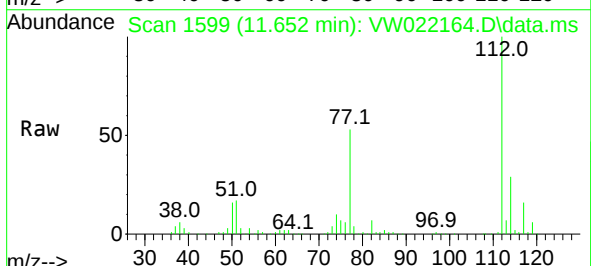
Manual Integrations
APPROVED

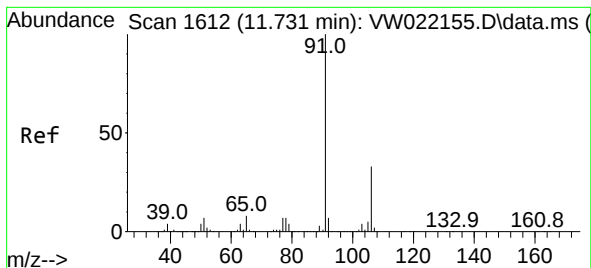
Reviewed By :Semsettin Yesilyurt 03/05/2022
Supervised By :Mahesh Dadoda 03/07/2022



#51
Chlorobenzene
Concen: 22.931 ug/L
RT: 11.652 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VW022164.D
Acq: 03 Mar 2022 15:24

Tgt Ion:112 Resp: 149052
Ion Ratio Lower Upper
112 100
114 29.3 23.0 42.8
77 52.8 41.8 62.6





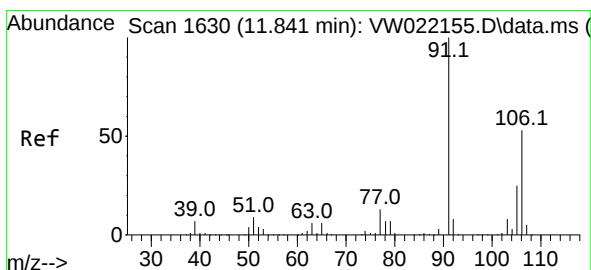
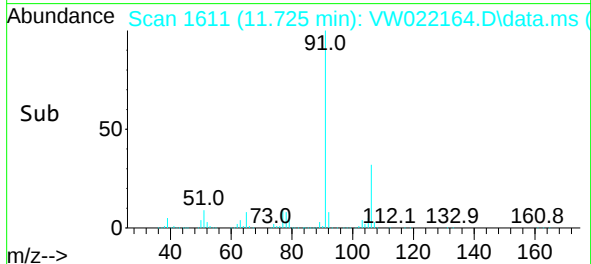
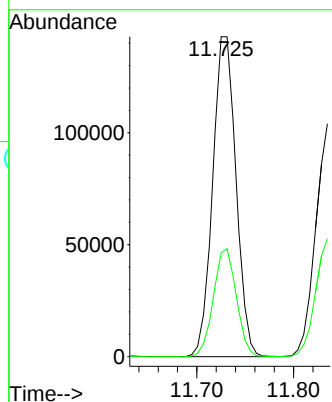
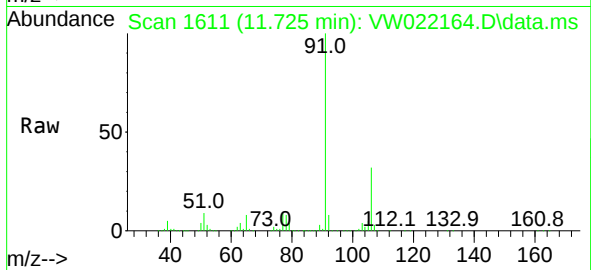
#52
Ethylbenzene
Concen: 23.171 ug/L
RT: 11.725 min Scan# 1611
Delta R.T. -0.006 min
Lab File: VW022164.D
Acq: 03 Mar 2022 15:24

Instrument :
MSVOA_W
ClientSampleId :
DBRS5MSD

Tgt Ion: 91 Resp: 23951
Ion Ratio Lower Upper
91 100
106 32.4 22.8 42.4

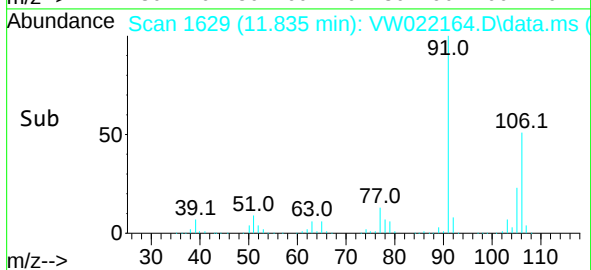
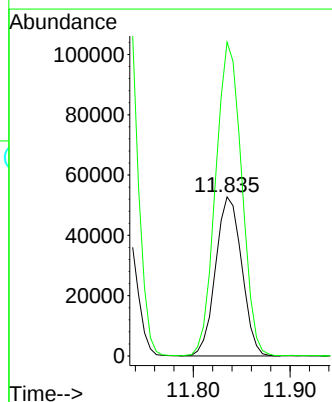
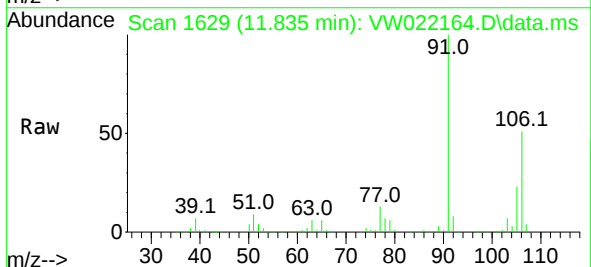
Manual Integrations
APPROVED

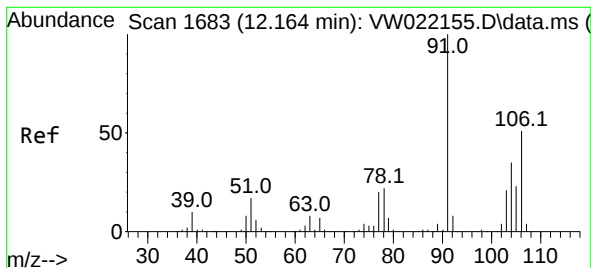
Reviewed By :Semsettin Yesilyurt 03/05/2022
Supervised By :Mahesh Dadoda 03/07/2022



#53
m,p-Xylene
Concen: 23.318 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. -0.006 min
Lab File: VW022164.D
Acq: 03 Mar 2022 15:24

Tgt Ion:106 Resp: 99181
Ion Ratio Lower Upper
106 100
91 197.3 135.0 250.8





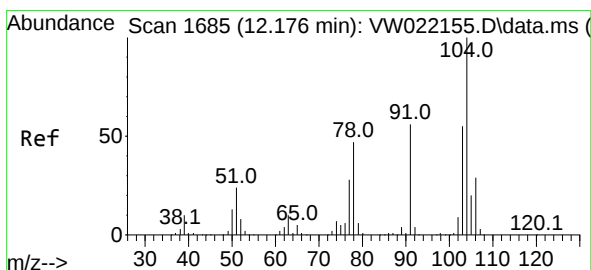
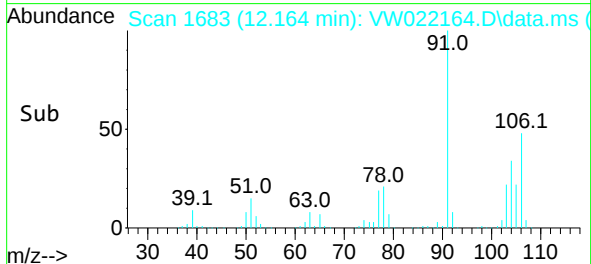
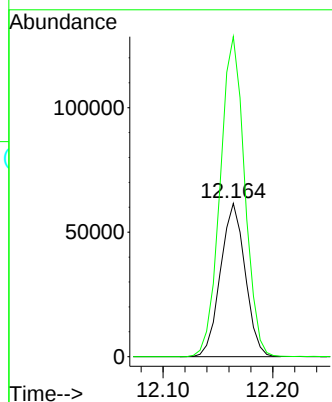
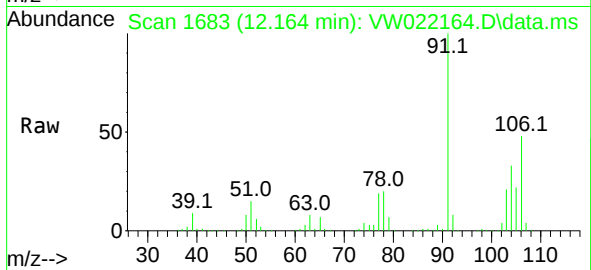
#54
o-Xylene
Concen: 24.009 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VW022164.D
Acq: 03 Mar 2022 15:24

Instrument :
MSVOA_W
ClientSampleId :
DBRS5MSD

Tgt Ion:106 Resp: 96080
Ion Ratio Lower Upper
106 100
91 208.7 136.9 254.3

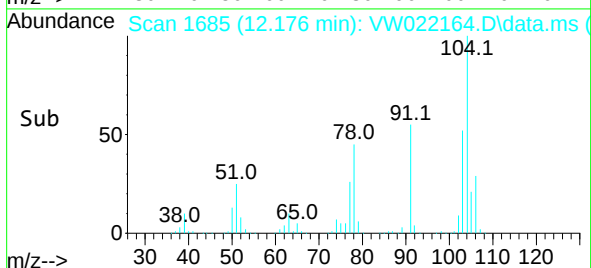
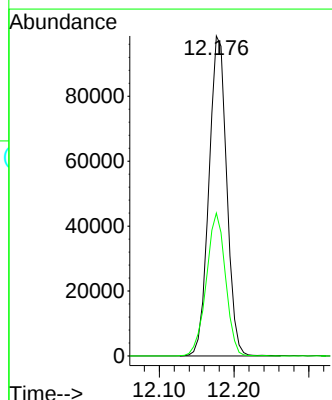
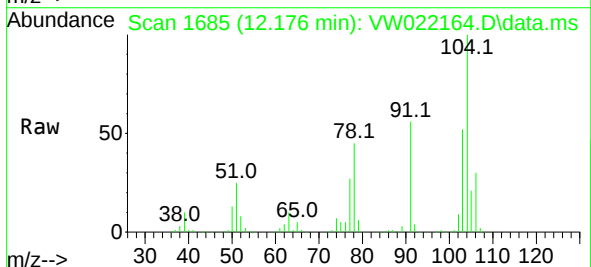
Manual Integrations
APPROVED

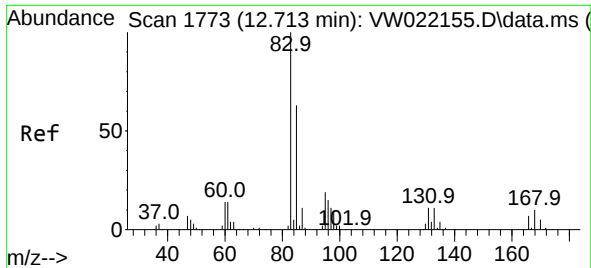
Reviewed By :Semsettin Yesilyurt 03/05/2022
Supervised By :Mahesh Dadoda 03/07/2022



#55
Styrene
Concen: 24.315 ug/L
RT: 12.176 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VW022164.D
Acq: 03 Mar 2022 15:24

Tgt Ion:104 Resp: 163136
Ion Ratio Lower Upper
104 100
78 44.6 27.8 51.6





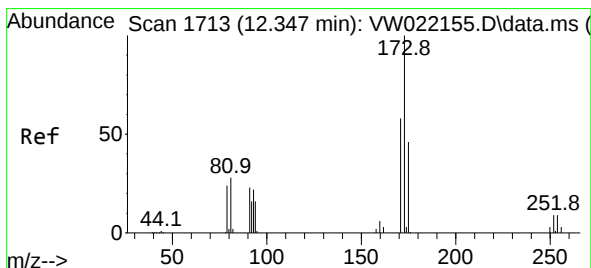
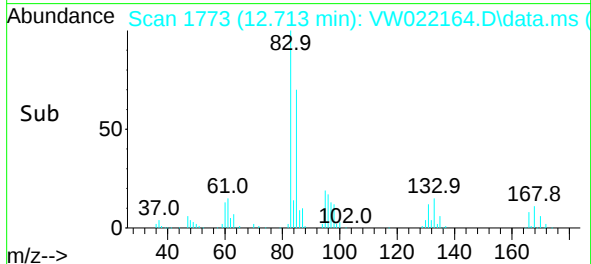
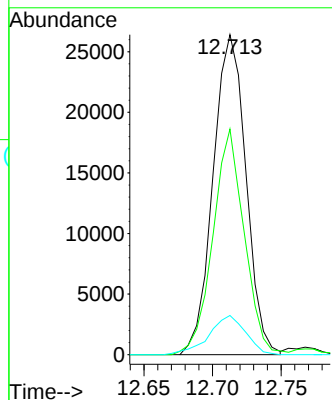
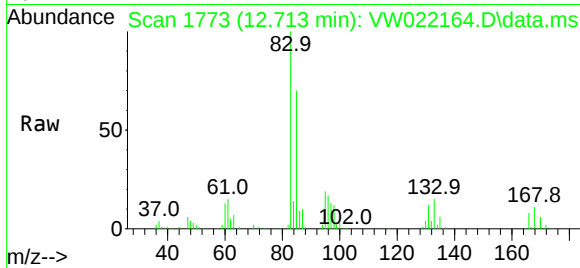
#57
1,1,2,2-Tetrachloroethane
Concen: 22.240 ug/L
RT: 12.713 min Scan# 1773
Delta R.T. -0.000 min
Lab File: VW022164.D
Acq: 03 Mar 2022 15:24

Instrument :
MSVOA_W
ClientSampleId :
DBRS5MSD

Tgt Ion: 83 Resp: 44052
Ion Ratio Lower Upper
83 100
85 70.5 44.2 82.0
131 12.2 9.4 14.0

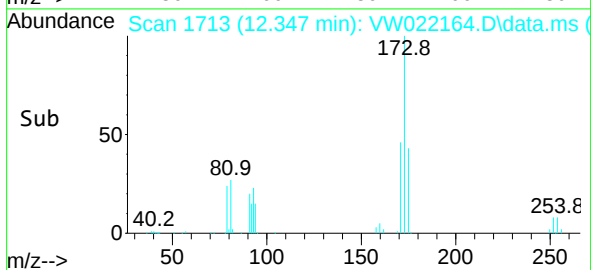
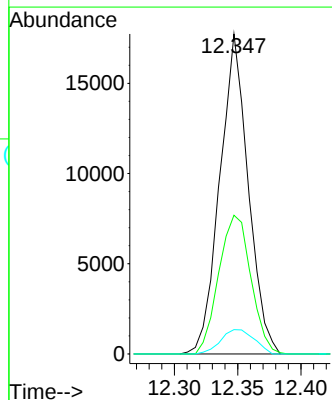
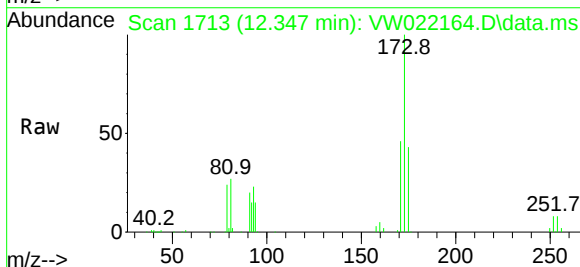
Manual Integrations
APPROVED

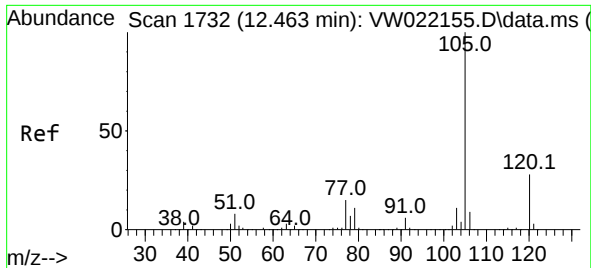
Reviewed By :Semsettin Yesilyurt 03/05/2022
Supervised By :Mahesh Dadoda 03/07/2022



#59
Bromoform
Concen: 21.826 ug/L
RT: 12.347 min Scan# 1713
Delta R.T. -0.000 min
Lab File: VW022164.D
Acq: 03 Mar 2022 15:24

Tgt Ion:173 Resp: 27677
Ion Ratio Lower Upper
173 100
175 49.1 38.2 57.4
254 9.0 5.0 7.6#





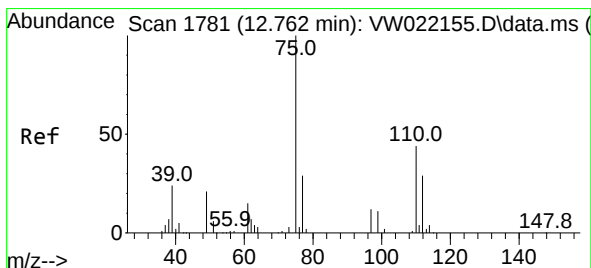
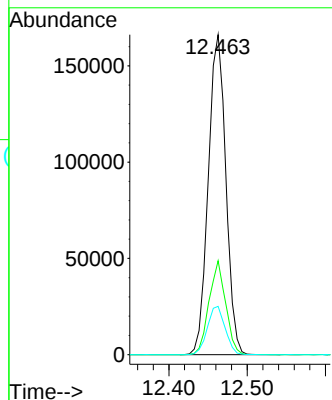
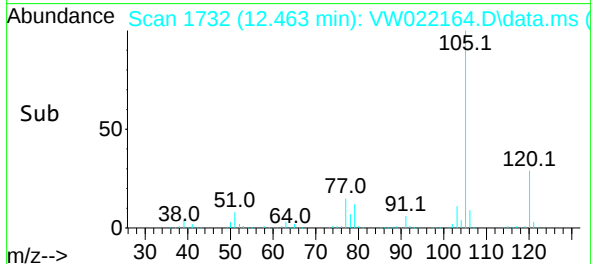
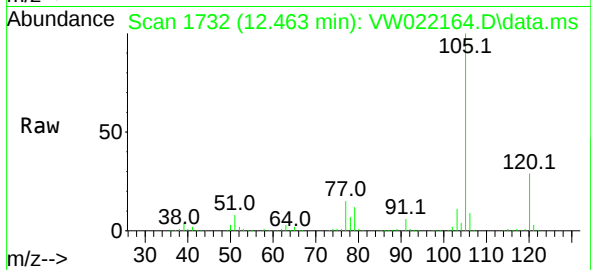
#60
Isopropylbenzene
Concen: 22.485 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VW022164.D
Acq: 03 Mar 2022 15:24

Instrument :
MSVOA_W
ClientSampleId :
DBRS5MSD

Tgt Ion:105 Resp: 258820
Ion Ratio Lower Upper
105 100
120 27.7 22.1 33.1
77 15.3 12.0 18.0

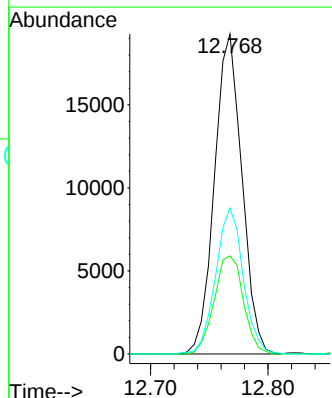
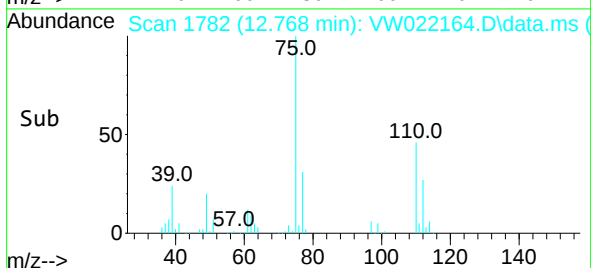
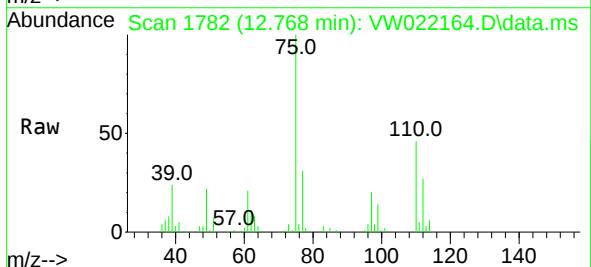
Manual Integrations
APPROVED

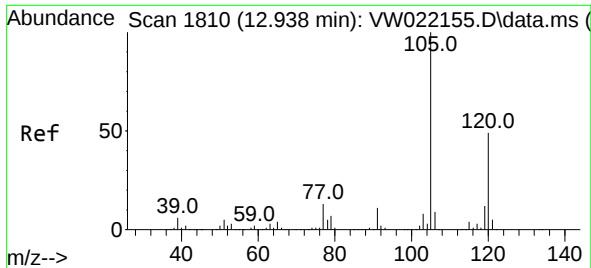
Reviewed By :Semsettin Yesilyurt 03/05/2022
Supervised By :Mahesh Dadoda 03/07/2022



#61
1,2,3-Trichloropropane
Concen: 20.671 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. 0.006 min
Lab File: VW022164.D
Acq: 03 Mar 2022 15:24

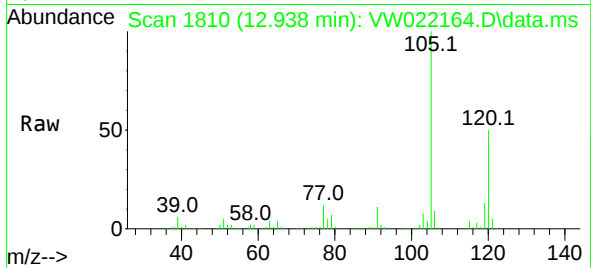
Tgt Ion: 75 Resp: 31285
Ion Ratio Lower Upper
75 100
77 32.5 27.1 40.7
110 45.9 36.7 55.1





#62
1,3,5-Trimethylbenzene
Concen: 23.512 ug/L
RT: 12.938 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VW022164.D
Acq: 03 Mar 2022 15:24

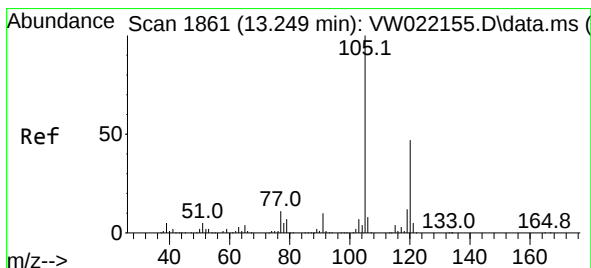
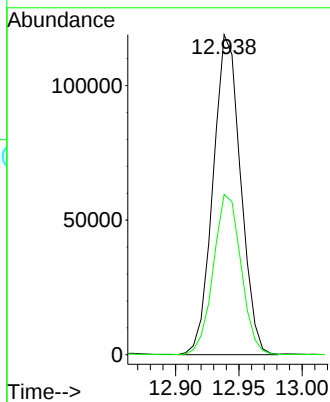
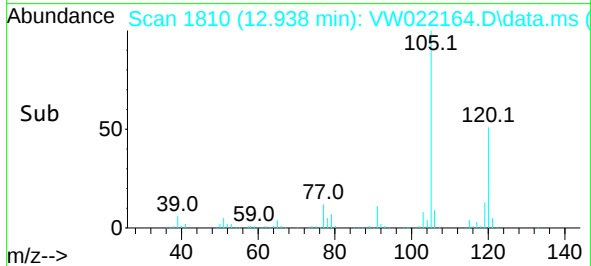
Instrument :
MSVOA_W
ClientSampleId :
DBRS5MSD



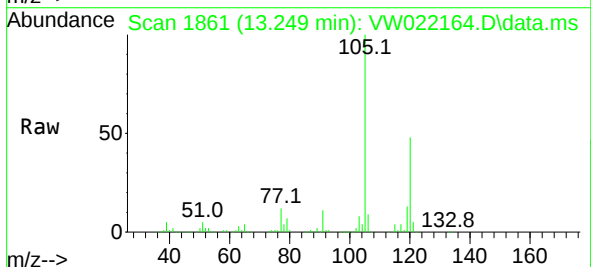
Tgt Ion:105 Resp: 17997
Ion Ratio Lower Upper
105 100
120 50.4 41.5 62.3

Manual Integrations
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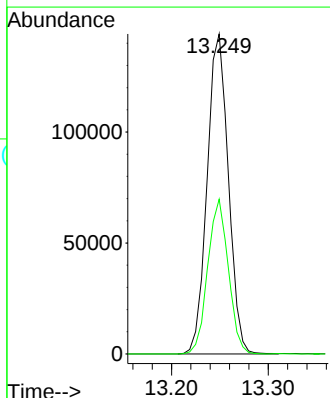
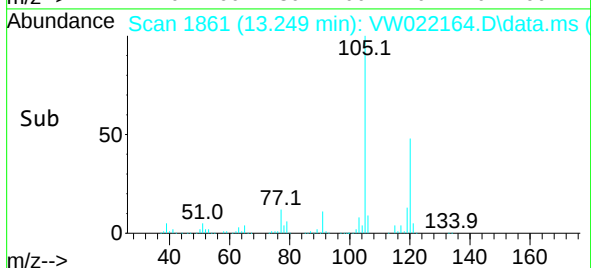
Reviewed By :Semsettin Yesilyurt 03/05/2022
Supervised By :Mahesh Dadoda 03/07/2022

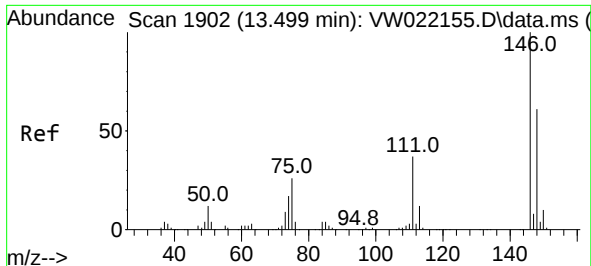


#63
1,2,4-Trimethylbenzene
Concen: 23.480 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. -0.000 min
Lab File: VW022164.D
Acq: 03 Mar 2022 15:24



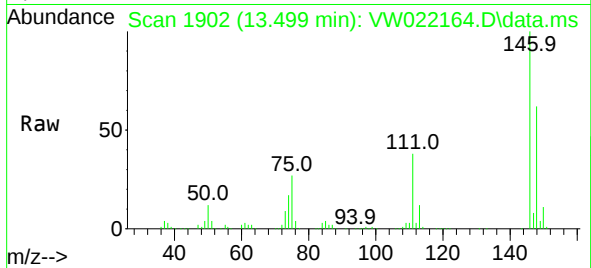
Tgt Ion:105 Resp: 219653
Ion Ratio Lower Upper
105 100
120 46.9 39.2 58.8





#64
1,3-Dichlorobenzene
Concen: 22.388 ug/L
RT: 13.499 min Scan# 1902
Delta R.T. -0.000 min
Lab File: VW022164.D
Acq: 03 Mar 2022 15:24

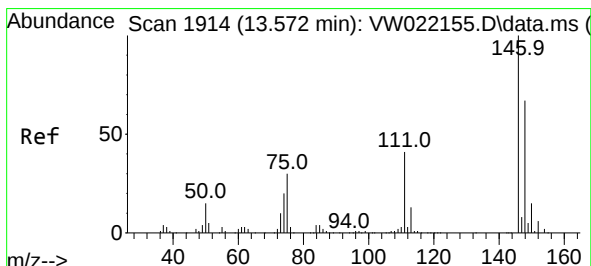
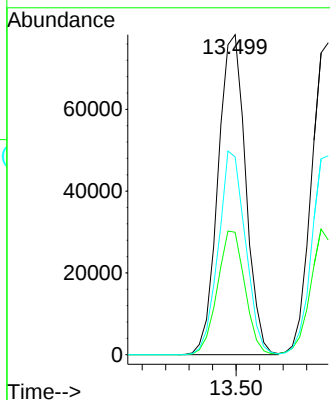
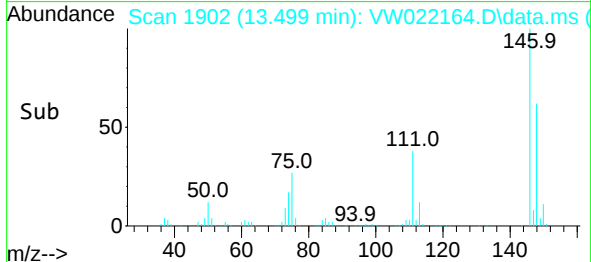
Instrument :
MSVOA_W
ClientSampleId :
DBRS5MSD



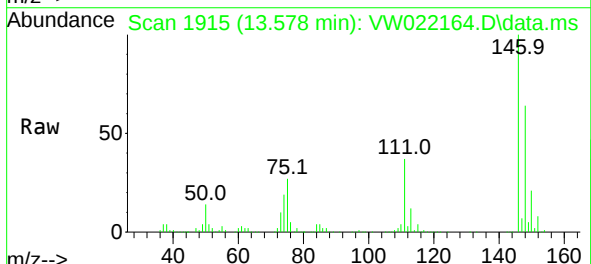
Tgt Ion:146 Resp: 127849
Ion Ratio Lower Upper
146 100
111 38.2 26.9 49.9
148 61.8 41.6 77.2

Manual Integrations
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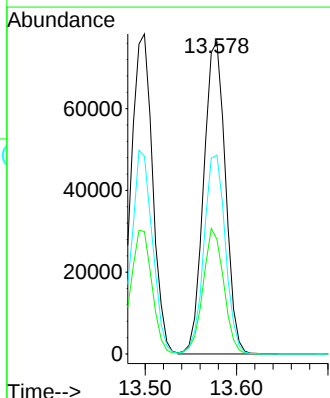
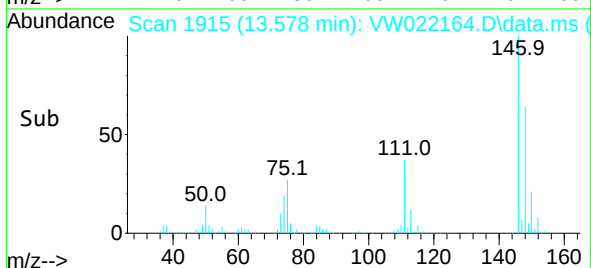
Reviewed By :Semsettin Yesilyurt 03/05/2022
Supervised By :Mahesh Dadoda 03/07/2022

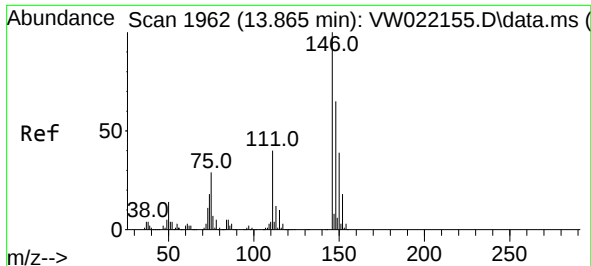


#65
1,4-Dichlorobenzene
Concen: 22.036 ug/L
RT: 13.578 min Scan# 1915
Delta R.T. 0.006 min
Lab File: VW022164.D
Acq: 03 Mar 2022 15:24



Tgt Ion:146 Resp: 126097
Ion Ratio Lower Upper
146 100
111 36.7 27.5 51.1
148 63.7 42.9 79.7





#67

1,2-Dichlorobenzene

Concen: 22.263 ug/L

RT: 13.865 min Scan# 1962

Delta R.T. -0.000 min

Lab File: VW022164.D

Acq: 03 Mar 2022 15:24

Instrument :

MSVOA_W

ClientSampleId :

DBRS5MSD

Tgt Ion:146 Resp: 113030

Ion Ratio Lower Upper

146 100

111 42.1 34.8 52.2

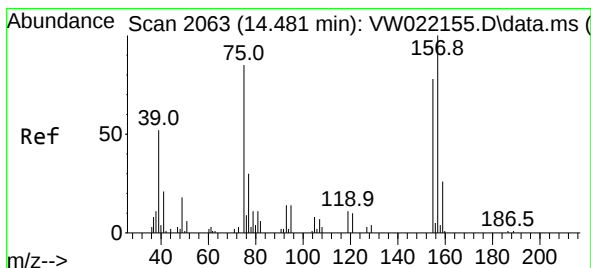
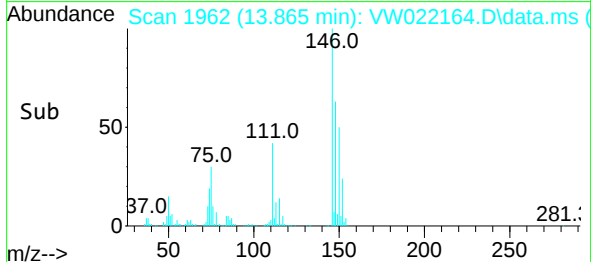
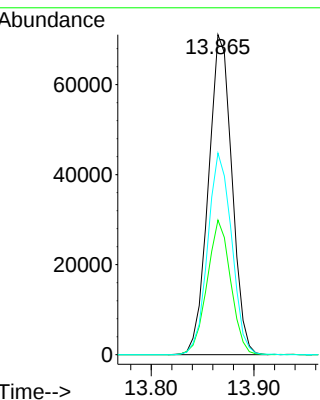
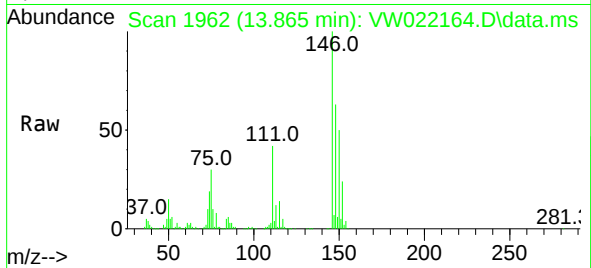
148 63.0 50.4 75.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/05/2022

Supervised By :Mahesh Dadoda 03/07/2022



#68

1,2-Dibromo-3-chloropropane

Concen: 19.512 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. -0.000 min

Lab File: VW022164.D

Acq: 03 Mar 2022 15:24

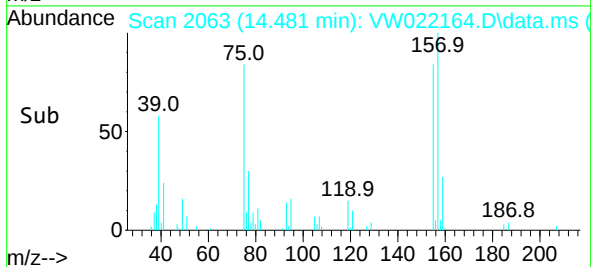
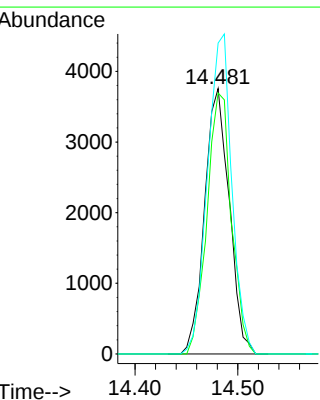
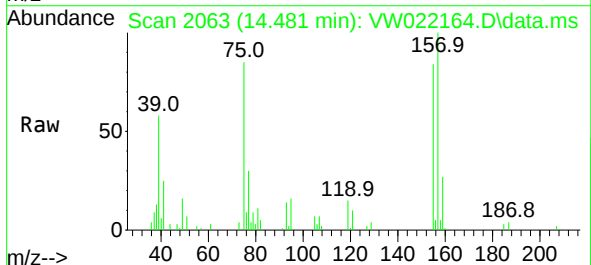
Tgt Ion: 75 Resp: 6243

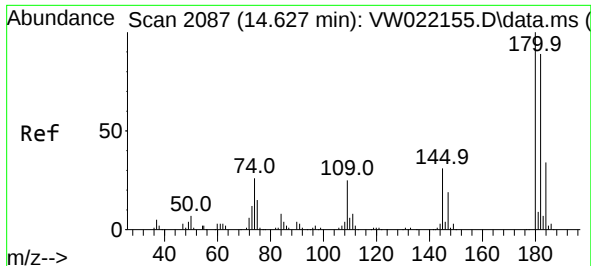
Ion Ratio Lower Upper

75 100

155 98.3 58.2 87.2#

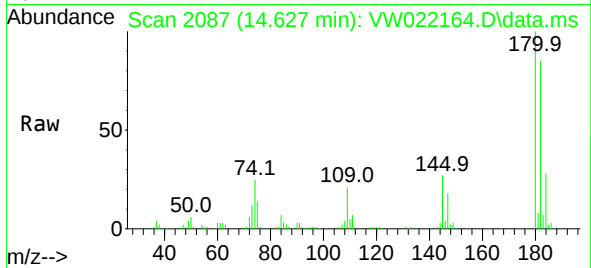
157 117.1 80.5 120.7





#69
1,3,5-Trichlorobenzene
Concen: 21.916 ug/L
RT: 14.627 min Scan# 2087
Delta R.T. -0.000 min
Lab File: VW022164.D
Acq: 03 Mar 2022 15:24

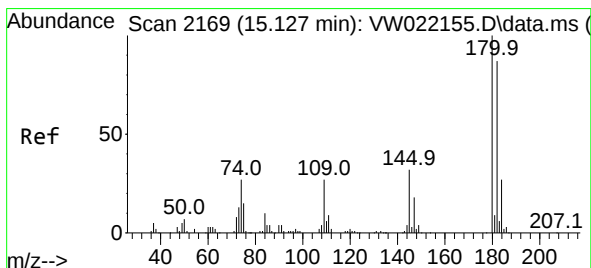
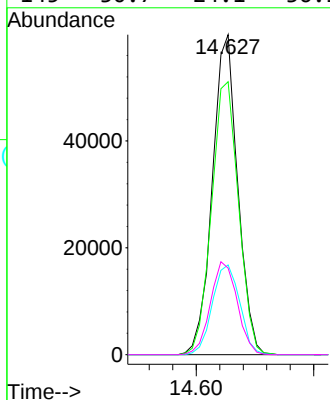
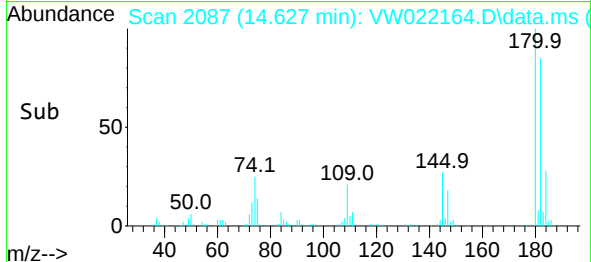
Instrument :
MSVOA_W
ClientSampleId :
DBRS5MSD



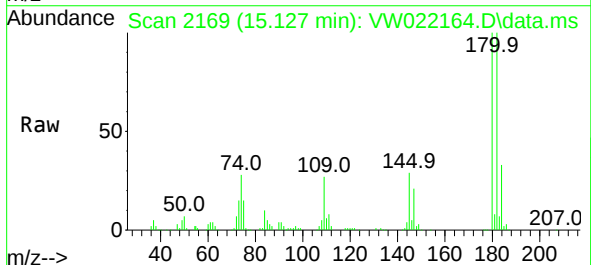
Tgt Ion:180 Resp: 8982
Ion Ratio Lower Upper
180 100
182 90.6 69.4 104.0
184 30.3 21.8 32.8
145 30.7 24.1 36.1

Manual Integrations
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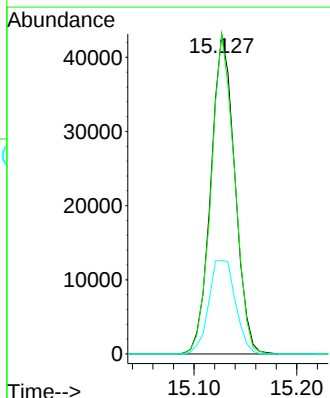
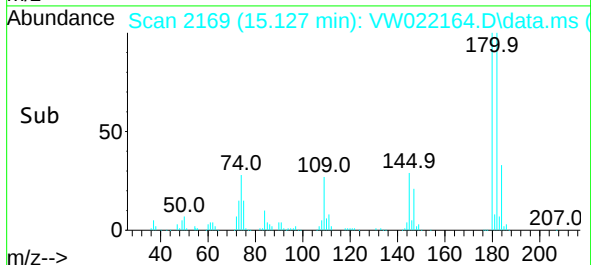
Reviewed By :Semsettin Yesilyurt 03/05/2022
Supervised By :Mahesh Dadoda 03/07/2022

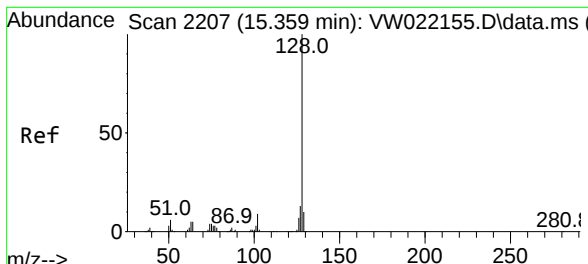


#70
1,2,4-trichlorobenzene
Concen: 22.469 ug/L
RT: 15.127 min Scan# 2169
Delta R.T. -0.000 min
Lab File: VW022164.D
Acq: 03 Mar 2022 15:24



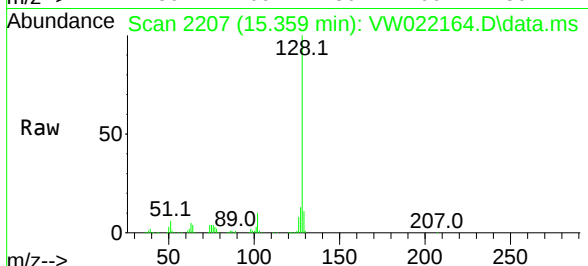
Tgt Ion:180 Resp: 69680
Ion Ratio Lower Upper
180 100
182 97.7 77.8 116.6
145 32.7 25.8 38.6





#71
Naphthalene
Concen: 23.138 ug/L
RT: 15.359 min Scan# 21
Delta R.T. -0.000 min
Lab File: VW022164.D
Acq: 03 Mar 2022 15:24

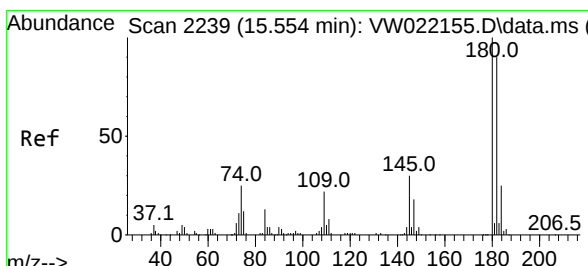
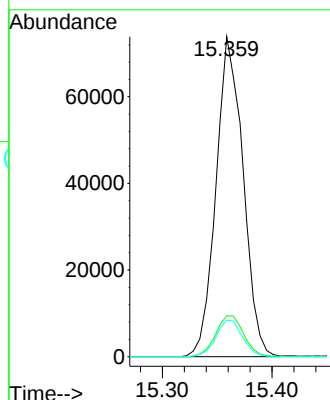
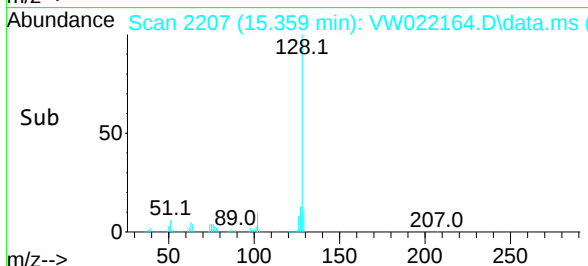
Instrument :
MSVOA_W
ClientSampleId :
DBRS5MSD



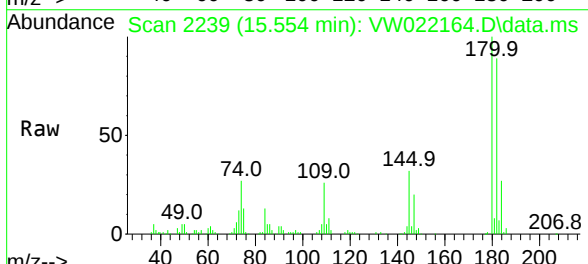
Tgt Ion:128 Resp: 126668
Ion Ratio Lower Upper
128 100
127 13.4 11.0 16.6
129 11.2 8.9 13.3

Manual Integrations
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Reviewed By :Semsettin Yesilyurt 03/05/2022
Supervised By :Mahesh Dadoda 03/07/2022



#72
1,2,3-Trichlorobenzene
Concen: 22.551 ug/L
RT: 15.554 min Scan# 2239
Delta R.T. -0.000 min
Lab File: VW022164.D
Acq: 03 Mar 2022 15:24



Tgt Ion:180 Resp: 60489
Ion Ratio Lower Upper
180 100
182 95.4 79.0 118.4
145 32.9 28.0 42.0

