

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071922\
 Data File : VW023881.D
 Acq On : 19 Jul 2022 13:52
 Operator : SY/VA
 Sample : N3709-10MS
 Misc : 5.64g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 H0B25MS

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 07/21/2022
 Supervised By : Mahesh Dadoda 07/21/2022

Quant Time: Jul 20 01:19:55 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM071322SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Jul 20 01:17:09 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	278479	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	250719	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	117617	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	147862	20.789	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	83.160%		
7) Chloroethane-d5	2.879	69	99189	20.904	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	83.600%		
11) 1,1-Dichloroethene-d2	4.019	63	159089	27.468	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	109.880%		
21) 2-Butanone-d5	7.080	46	73226	66.374	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	132.740%		
24) Chloroform-d	7.647	84	216499	26.702	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	106.800%		
26) 1,2-Dichloroethane-d4	8.305	65	124002	25.006	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	100.040%		
32) Benzene-d6	8.275	84	387000	29.693	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	118.760%		
36) 1,2-Dichloropropane-d6	9.275	67	118638	30.220	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	120.880%#		
41) Toluene-d8	10.323	98	364448	27.568	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	110.280%		
43) trans-1,3-Dichloroprop...	10.579	79	52921	28.758	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	115.040%		
47) 2-Hexanone-d5	10.921	63	56635	68.605	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	137.220%#		
56) 1,1,2,2-Tetrachloroeth...	12.689	84	131688	30.353	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	121.400%#		
66) 1,2-Dichlorobenzene-d4	13.853	152	113527	27.039	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	108.160%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.001	85	67171	35.495	ug/L	100
3) Chloromethane	2.215	50	108679	23.451	ug/L	97
5) Vinyl chloride	2.355	62	164973	20.731	ug/L	97
6) Bromomethane	2.770	94	92523	17.975	ug/L	99
8) Chloroethane	2.910	64	78736	21.148	ug/L	99
9) Trichlorofluoromethane	3.245	101	74847	20.691	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.050	101	101839	28.767	ug/L	97
12) 1,1-Dichloroethene	4.038	96	86712	29.374	ug/L	84
13) Acetone	4.123	43	64302	82.438	ug/L	99
14) Carbon disulfide	4.385	76	196046	22.576	ug/L	100
15) Methyl Acetate	4.672	43	50418	28.881	ug/L	97
16) Methylene chloride	4.916	84	111256	25.549	ug/L	96
17) trans-1,2-Dichloroethene	5.422	96	97611	27.253	ug/L	95
18) Methyl tert-butyl Ether	5.428	73	174747	31.536	ug/L	98
19) 1,1-Dichloroethane	6.214	63	184471	27.922	ug/L	97
20) cis-1,2-Dichloroethene	7.171	96	113337	28.563	ug/L #	96
22) 2-Butanone	7.171	43	85179	66.450	ug/L	98
23) Bromochloromethane	7.513	128	57893	30.372	ug/L	94
25) Chloroform	7.677	83	212756	27.953	ug/L	93

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 Quant Title : SFAM01.0
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.397	62	147220	26.281	ug/L	98
29) Cyclohexane	7.958	56	129929	28.335	ug/L	98
30) 1,1,1-Trichloroethane	7.872	97	166133	30.603	ug/L	98
31) Carbon tetrachloride	8.067	117	148068	30.257	ug/L	98
33) Benzene	8.323	78	431616	30.294	ug/L	100
34) Trichloroethene	9.092	95	110411	29.346	ug/L	97
35) Methylcyclohexane	9.335	83	134688	23.510	ug/L	96
37) 1,2-Dichloropropane	9.372	63	108078	30.257	ug/L	99
38) Bromodichloromethane	9.646	83	157752	31.644	ug/L	100
39) cis-1,3-Dichloropropene	10.073	75	164486	30.552	ug/L	96
40) 4-Methyl-2-pentanone	10.207	43	179623	72.265	ug/L	97
42) Toluene	10.384	91	467788	28.789	ug/L	100
44) trans-1,3-Dichloropropene	10.604	75	153894	30.074	ug/L	99
45) 1,1,2-Trichloroethane	10.786	97	101788	32.590	ug/L	98
46) Tetrachloroethene	10.860	164	78419	26.956	ug/L	94
48) 2-Hexanone	10.969	43	127977m	70.717	ug/L	
49) Dibromochloromethane	11.128	129	116829	32.255	ug/L	97
50) 1,2-Dibromoethane	11.232	107	100477	33.485	ug/L	100
51) Chlorobenzene	11.658	112	299697	27.348	ug/L	94
52) Ethylbenzene	11.731	91	495311	26.825	ug/L	100
53) m,p-Xylene	11.835	106	187779	26.066	ug/L	97
54) o-Xylene	12.164	106	187194	27.057	ug/L	89
55) Styrene	12.176	104	304841	24.941	ug/L	95
57) 1,1,2,2-Tetrachloroethane	12.713	83	130106	30.540	ug/L	99
59) Bromoform	12.347	173	69567	40.112	ug/L	98
60) Isopropylbenzene	12.463	105	462388	29.266	ug/L	98
61) 1,2,3-Trichloropropane	12.768	75	95262	36.938	ug/L	96
62) 1,3,5-Trimethylbenzene	12.945	105	335718	25.954	ug/L	97
63) 1,2,4-Trimethylbenzene	13.249	105	342205	26.461	ug/L	97
64) 1,3-Dichlorobenzene	13.493	146	201217	28.050	ug/L	98
65) 1,4-Dichlorobenzene	13.579	146	204777	26.832	ug/L	97
67) 1,2-Dichlorobenzene	13.865	146	193371	28.582	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.481	75	21640	36.380	ug/L #	69
69) 1,3,5-Trichlorobenzene	14.621	180	86986	18.320	ug/L	91
70) 1,2,4-trichlorobenzene	15.127	180	67916	18.524	ug/L	97
71) Naphthalene	15.365	128	274334	34.882	ug/L	100
72) 1,2,3-Trichlorobenzene	15.554	180	67311	19.697	ug/L	97

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

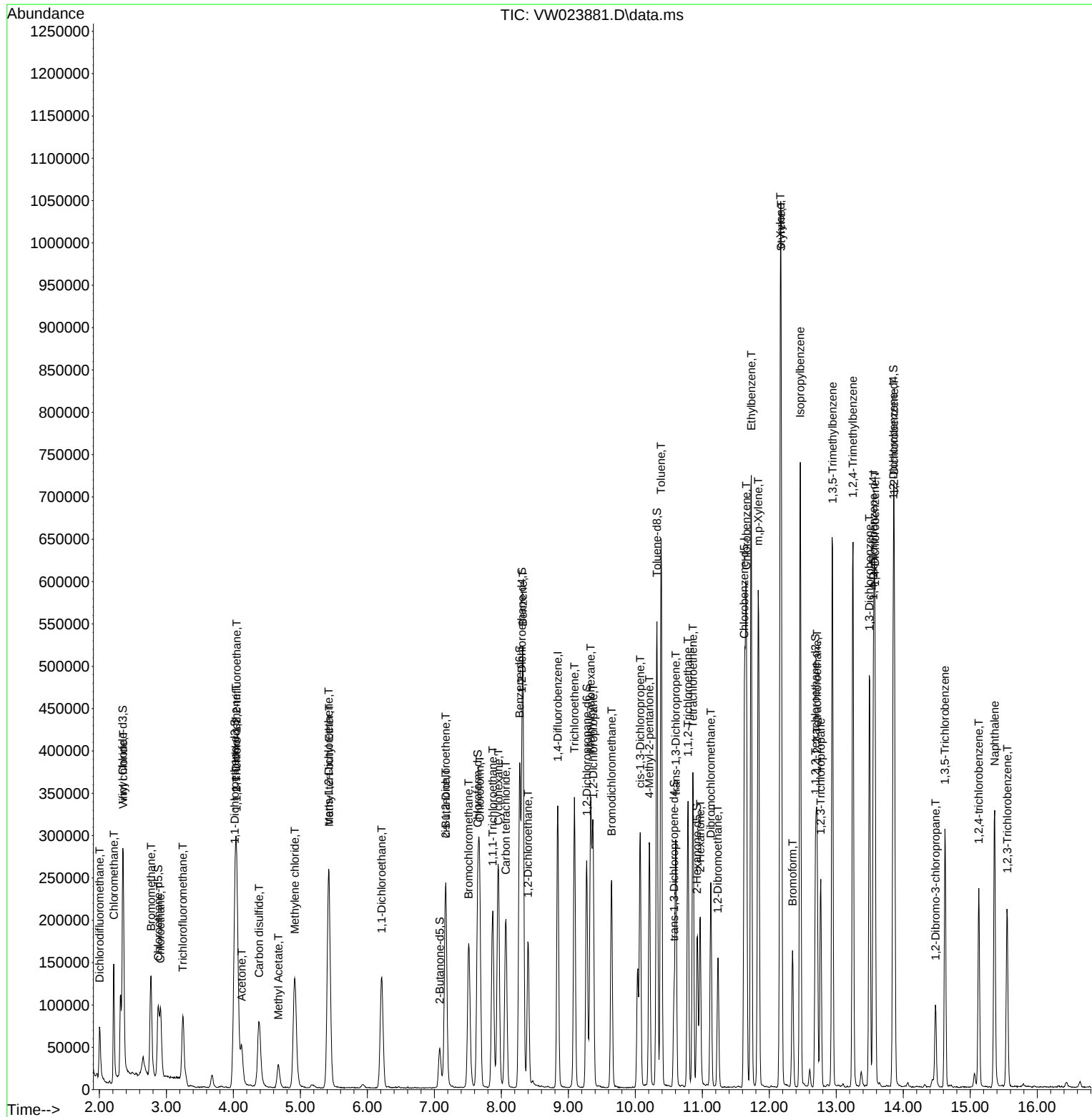
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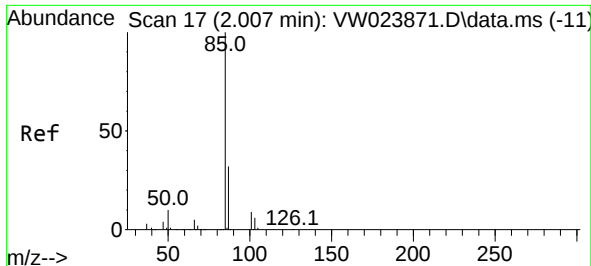
Instrument :
MSVOA_W
ClientSampleId :
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Manual Integrations
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Reviewed By : Semsettin Yesilyurt 07/21/2022
Supervised By : Mahesh Dadoda 07/21/2022

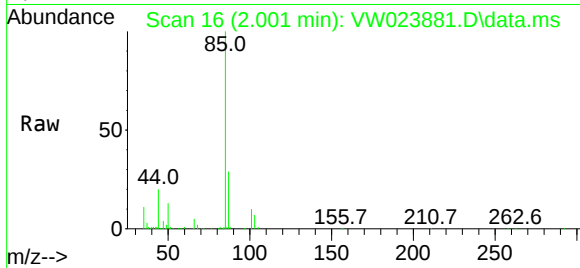
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM071322SMA.M
Quant Title : SFAM01.0
QLast Update : Wed Jul 20 01:17:09 2022
Response via : Initial Calibration





#2
Dichlorodifluoromethane
Concen: 35.495 ug/L
RT: 2.001 min Scan# 1
Delta R.T. -0.006 min
Lab File: VW023881.D
Acq: 19 Jul 2022 13:52

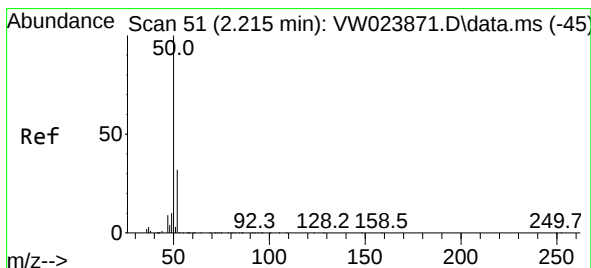
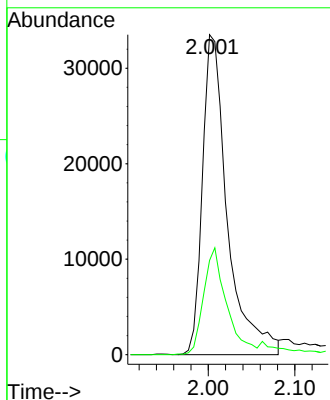
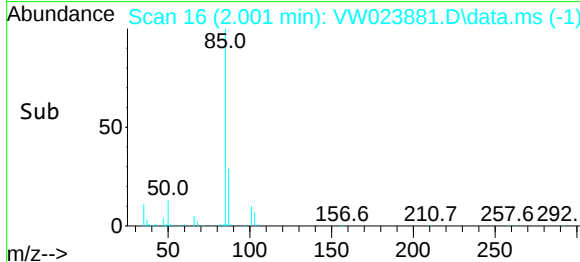
Instrument :
MSVOA_W
ClientSampleId :
H0B25MS



Tgt Ion: 85 Resp: 6717
Ion Ratio Lower Upper
85 100
87 30.8 24.7 37.1

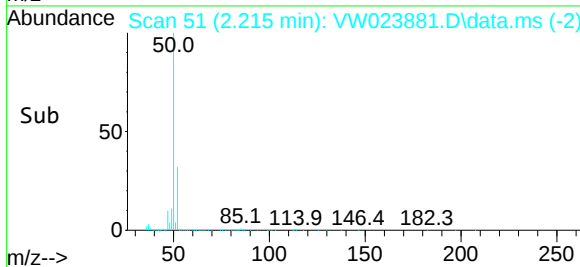
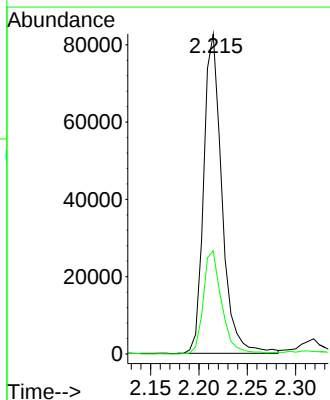
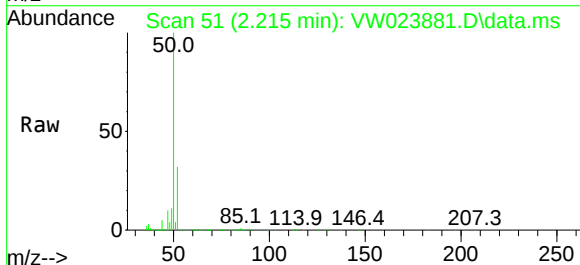
Manual Integrations
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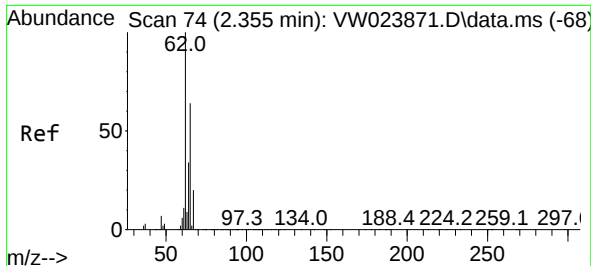
Reviewed By :Semsettin Yesilyurt 07/21/2022
Supervised By :Mahesh Dadoda 07/21/2022



#3
Chloromethane
Concen: 23.451 ug/L
RT: 2.215 min Scan# 51
Delta R.T. 0.000 min
Lab File: VW023881.D
Acq: 19 Jul 2022 13:52

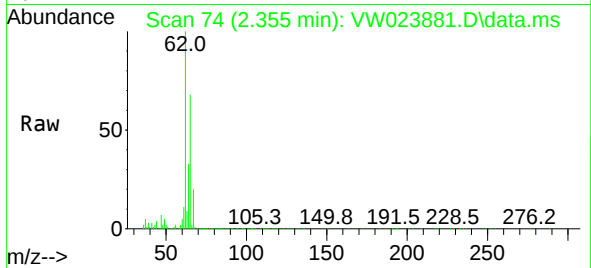
Tgt Ion: 50 Resp: 108679
Ion Ratio Lower Upper
50 100
52 32.2 23.7 44.1





#5
 Vinyl chloride
 Concen: 20.731 ug/L
 RT: 2.355 min Scan# 74
 Delta R.T. 0.000 min
 Lab File: VW023881.D
 Acq: 19 Jul 2022 13:52

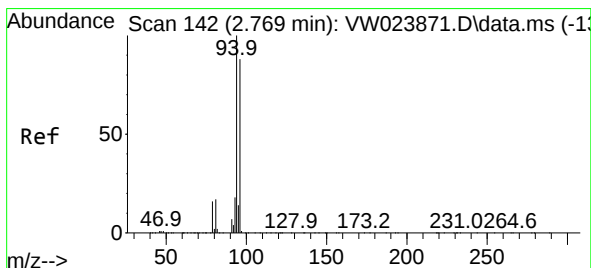
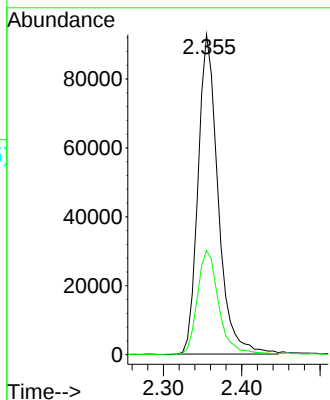
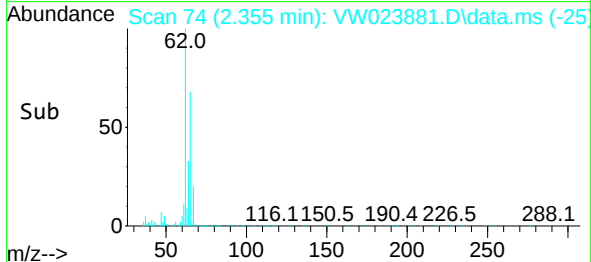
Instrument :
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 ClientSampleId :
 H0B25MS



Tgt Ion: 62 Resp: 16497
 Ion Ratio Lower Upper
 62 100
 64 32.6 24.0 44.6

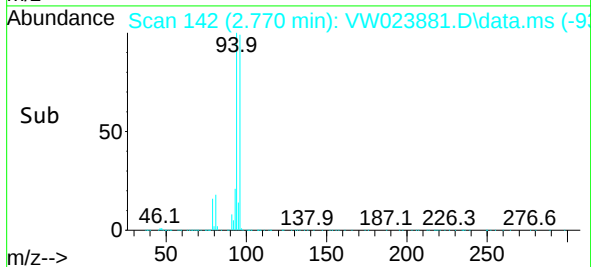
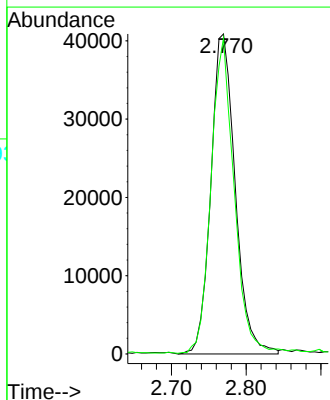
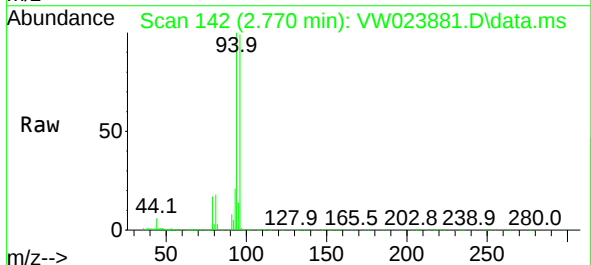
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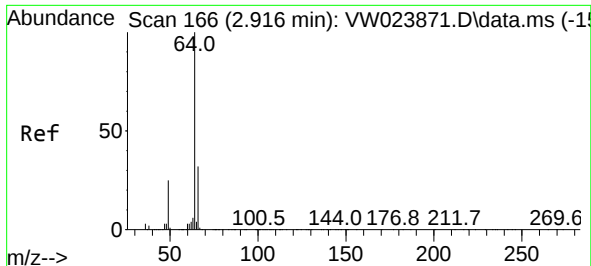
Reviewed By :Semsettin Yesilyurt 07/21/2022
 Supervised By :Mahesh Dadoda 07/21/2022



#6
 Bromomethane
 Concen: 17.975 ug/L
 RT: 2.770 min Scan# 142
 Delta R.T. 0.000 min
 Lab File: VW023881.D
 Acq: 19 Jul 2022 13:52

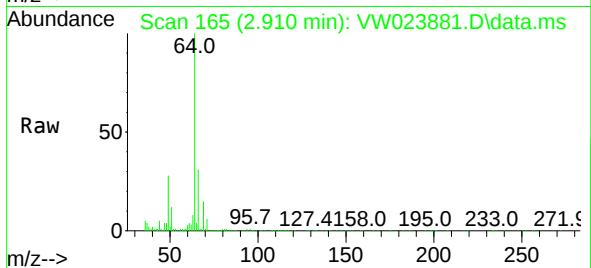
Tgt Ion: 94 Resp: 92523
 Ion Ratio Lower Upper
 94 100
 96 98.7 68.2 126.6





#8
Chloroethane
Concen: 21.148 ug/L
RT: 2.910 min Scan# 165
Delta R.T. -0.006 min
Lab File: VW023881.D
Acq: 19 Jul 2022 13:52

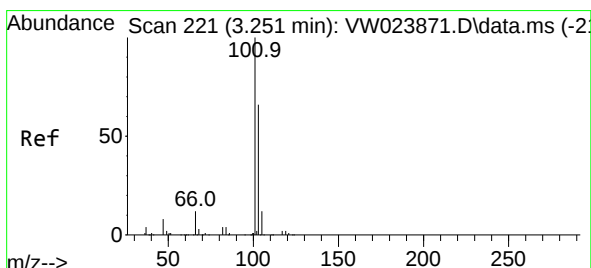
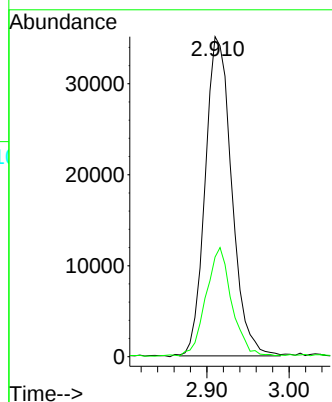
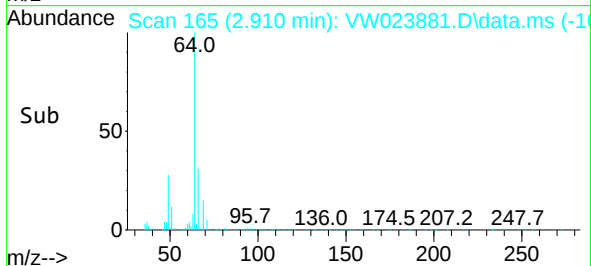
Instrument :
MSVOA_W
ClientSampleId :
H0B25MS



Tgt Ion: 64 Resp: 78730
Ion Ratio Lower Upper
64 100
66 31.2 22.4 41.6

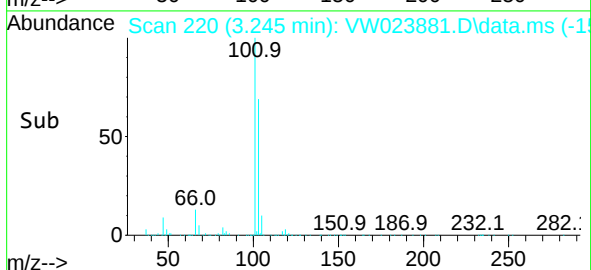
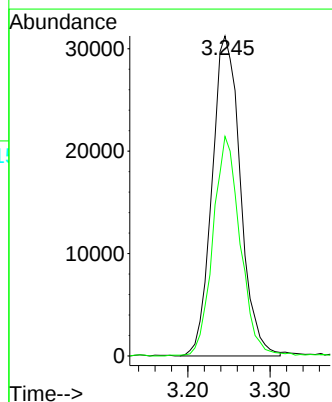
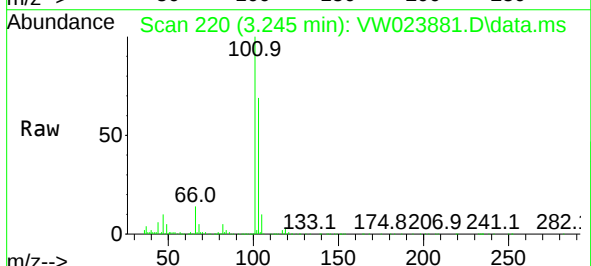
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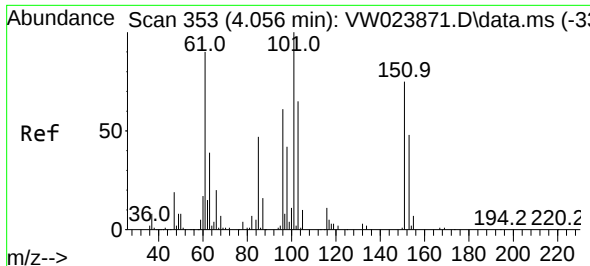
Reviewed By :Semsettin Yesilyurt 07/21/2022
Supervised By :Mahesh Dadoda 07/21/2022



#9
Trichlorofluoromethane
Concen: 20.691 ug/L
RT: 3.245 min Scan# 220
Delta R.T. -0.006 min
Lab File: VW023881.D
Acq: 19 Jul 2022 13:52

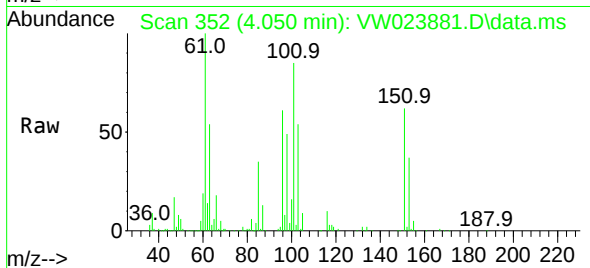
Tgt Ion:101 Resp: 74847
Ion Ratio Lower Upper
101 100
103 65.5 52.1 78.1





#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 28.767 ug/L
RT: 4.050 min Scan# 31
Delta R.T. -0.006 min
Lab File: VW023881.D
Acq: 19 Jul 2022 13:52

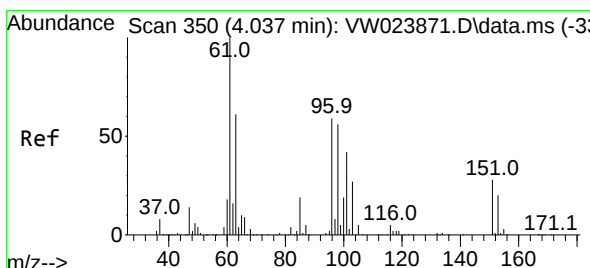
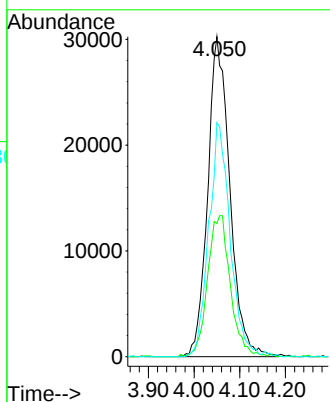
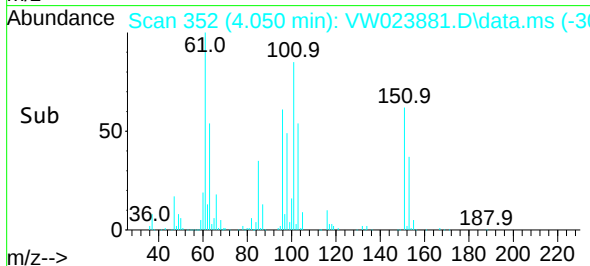
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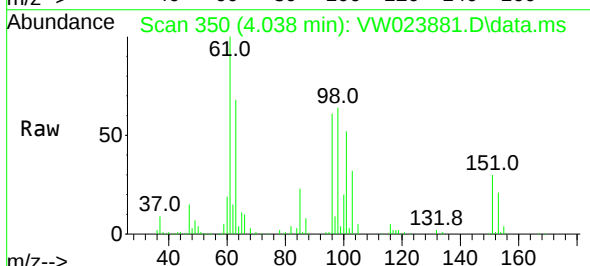
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Ion Ratio Lower Upper
101 100
85 44.4 37.6 56.4
151 70.2 57.6 86.4

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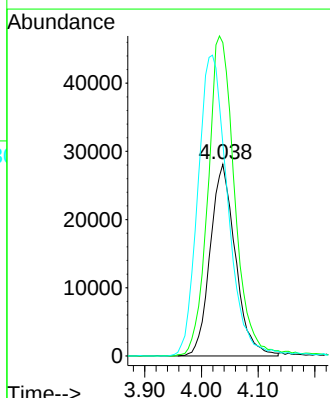
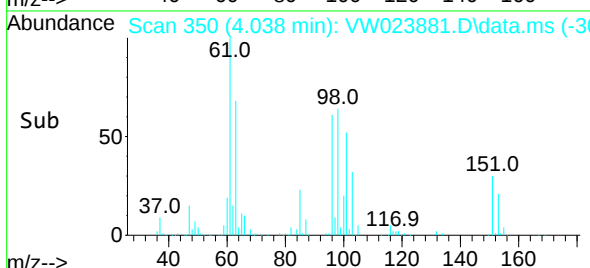
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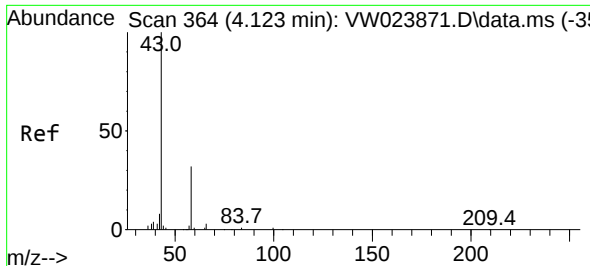


#12
1,1-Dichloroethene
Concen: 29.374 ug/L
RT: 4.038 min Scan# 350
Delta R.T. 0.000 min
Lab File: VW023881.D
Acq: 19 Jul 2022 13:52



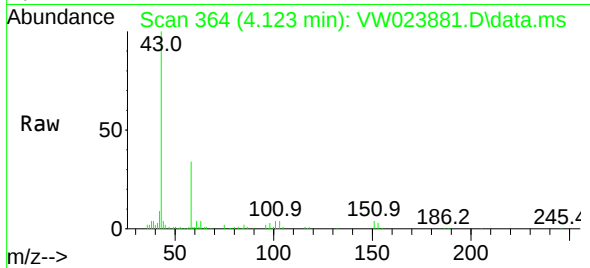
Tgt Ion: 96 Resp: 86712
Ion Ratio Lower Upper
96 100
61 163.4 125.4 232.8
63 110.9 97.4 180.8





#13
Acetone
Concen: 82.438 ug/L
RT: 4.123 min Scan# 364
Delta R.T. 0.000 min
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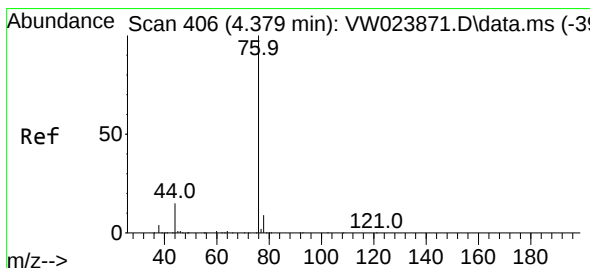
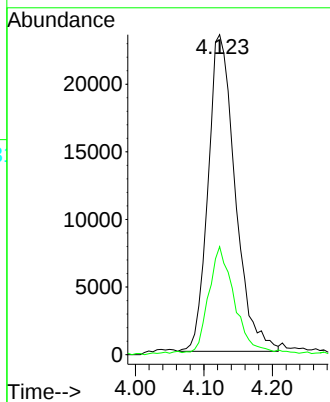
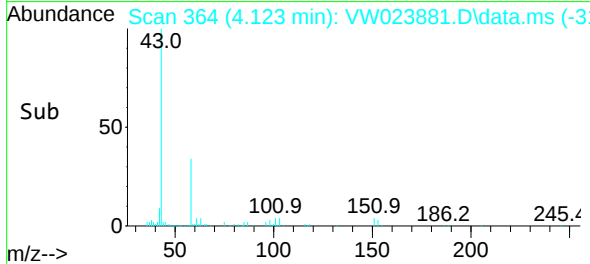
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Tgt Ion: 43 Resp: 64302
Ion Ratio Lower Upper
43 100
58 32.6 0.0 64.2

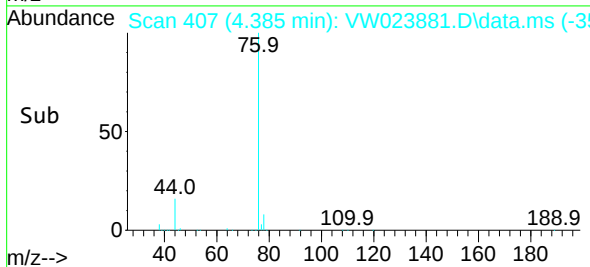
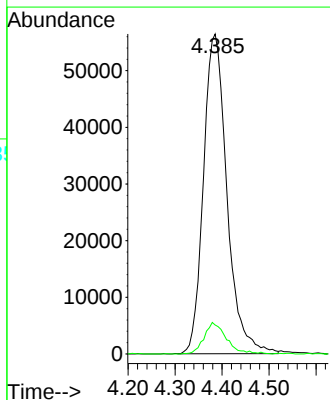
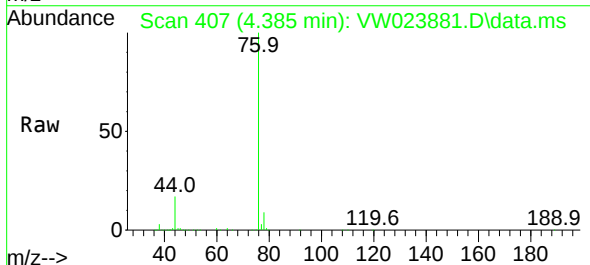
Manual Integrations
APPROVED

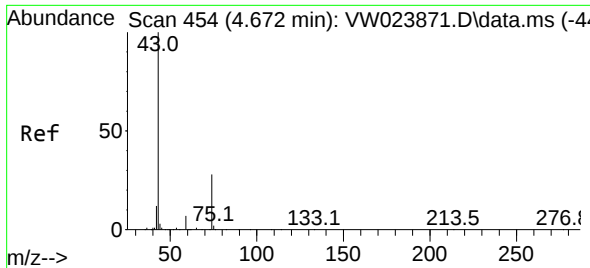
Reviewed By :Semsettin Yesilyurt 07/21/2022
Supervised By :Mahesh Dadoda 07/21/2022



#14
Carbon disulfide
Concen: 22.576 ug/L
RT: 4.385 min Scan# 407
Delta R.T. 0.006 min
Lab File: VW023881.D
Acq: 19 Jul 2022 13:52

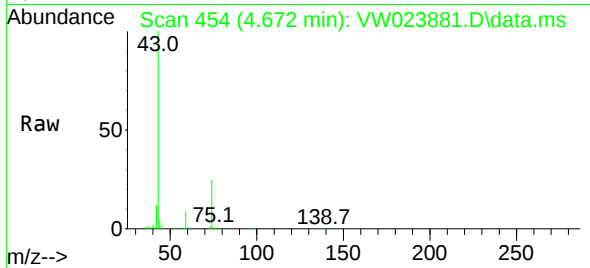
Tgt Ion: 76 Resp: 196046
Ion Ratio Lower Upper
76 100
78 9.0 7.2 10.8





#15
Methyl Acetate
Concen: 28.881 ug/L
RT: 4.672 min Scan# 454
Delta R.T. 0.000 min
Lab File: VW023881.D
Acq: 19 Jul 2022 13:52

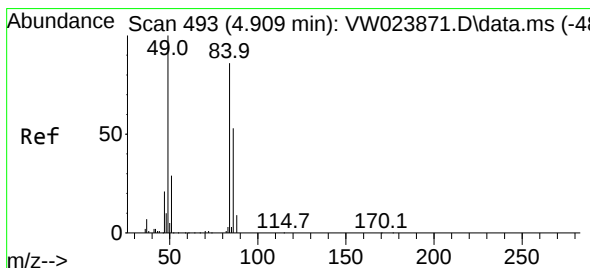
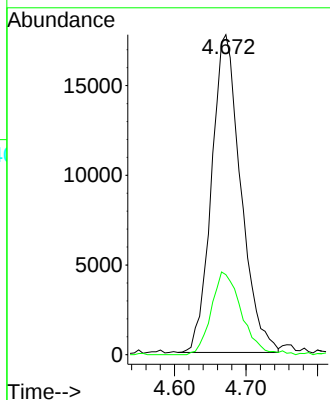
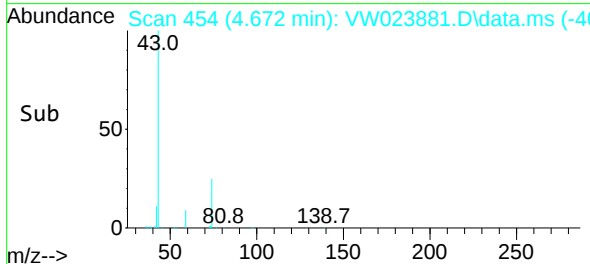
Instrument :
MSVOA_W
ClientSampleId :
H0B25MS



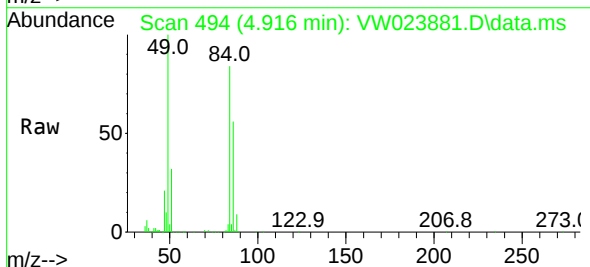
Tgt Ion: 43 Resp: 50418
Ion Ratio Lower Upper
43 100
74 26.5 20.0 30.0

Manual Integrations
APPROVED

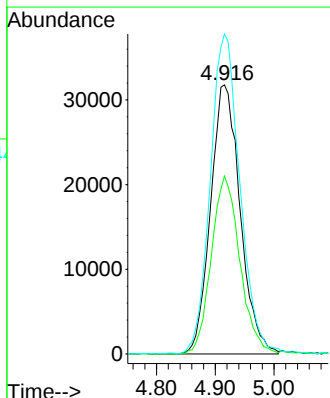
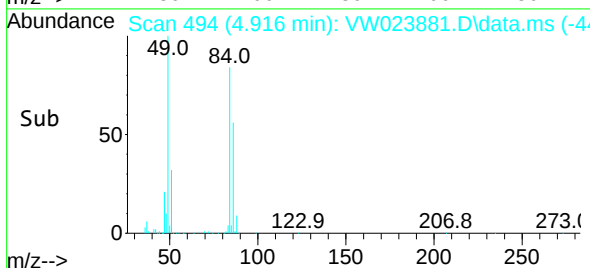
Reviewed By :Semsettin Yesilyurt 07/21/2022
Supervised By :Mahesh Dadoda 07/21/2022

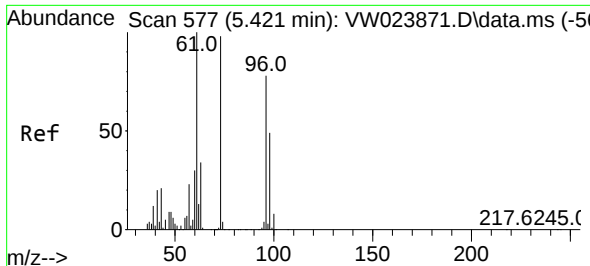


#16
Methylene chloride
Concen: 25.549 ug/L
RT: 4.916 min Scan# 494
Delta R.T. 0.006 min
Lab File: VW023881.D
Acq: 19 Jul 2022 13:52



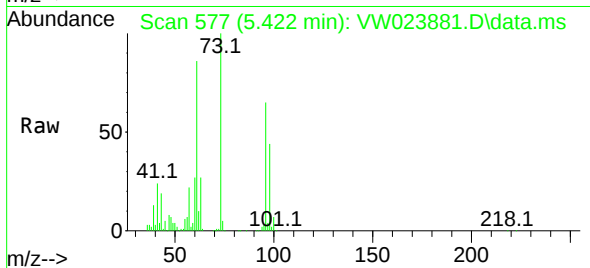
Tgt Ion: 84 Resp: 111256
Ion Ratio Lower Upper
84 100
86 66.1 42.8 79.6
49 118.9 85.4 158.6





#17
trans-1,2-Dichloroethene
Concen: 27.253 ug/L
RT: 5.422 min Scan# 577
Delta R.T. 0.000 min
Lab File: VW023881.D
Acq: 19 Jul 2022 13:52

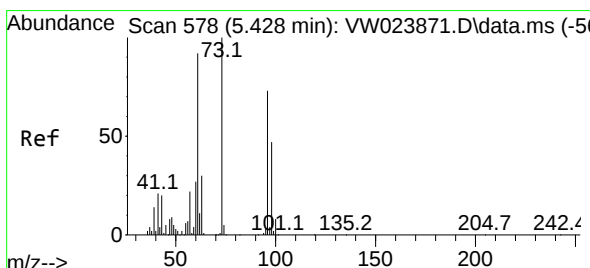
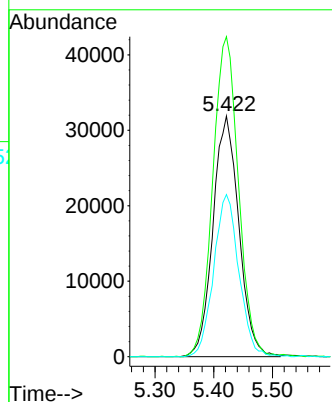
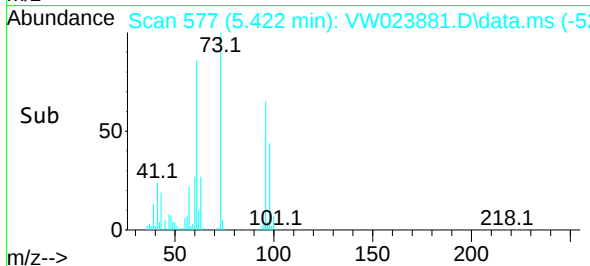
Instrument :
MSVOA_W
ClientSampleId :
H0B25MS



Tgt Ion: 96 Resp: 9761
Ion Ratio Lower Upper
96 100
61 133.0 90.8 168.6
98 67.4 42.8 79.6

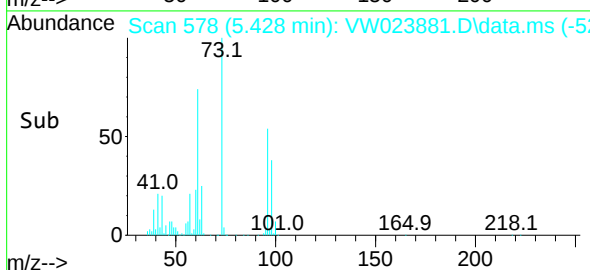
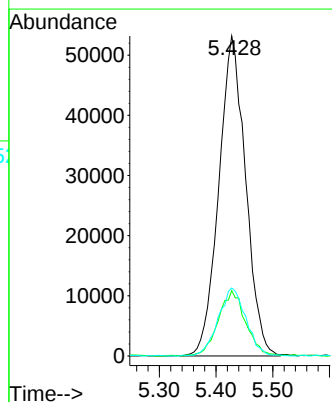
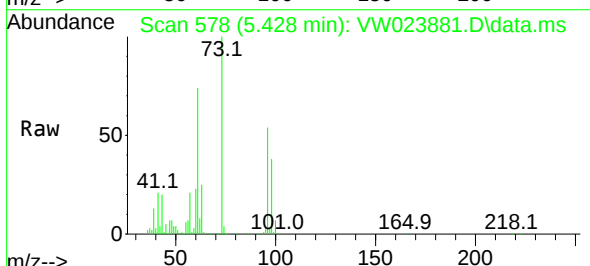
Manual Integrations
APPROVED

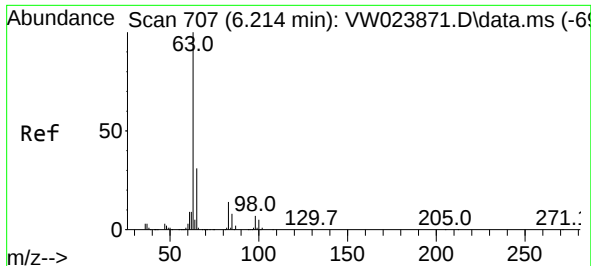
Reviewed By :Semsettin Yesilyurt 07/21/2022
Supervised By :Mahesh Dadoda 07/21/2022



#18
Methyl tert-butyl Ether
Concen: 31.536 ug/L
RT: 5.428 min Scan# 578
Delta R.T. 0.000 min
Lab File: VW023881.D
Acq: 19 Jul 2022 13:52

Tgt Ion: 73 Resp: 174747
Ion Ratio Lower Upper
73 100
43 20.3 17.6 26.4
57 21.5 16.8 25.2





#19

1,1-Dichloroethane

Concen: 27.922 ug/L

RT: 6.214 min Scan# 707

Delta R.T. 0.000 min

Lab File: VW023881.D

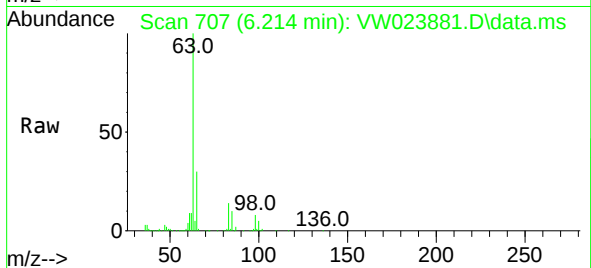
Acq: 19 Jul 2022 13:52

Instrument :

MSVOA_W

ClientSampleId :

H0B25MS



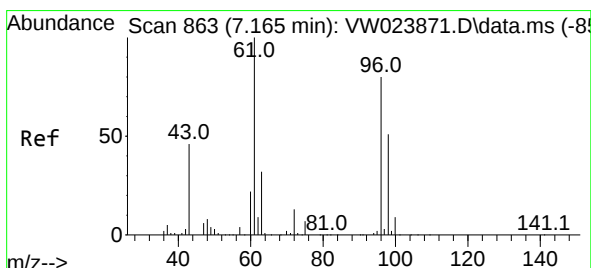
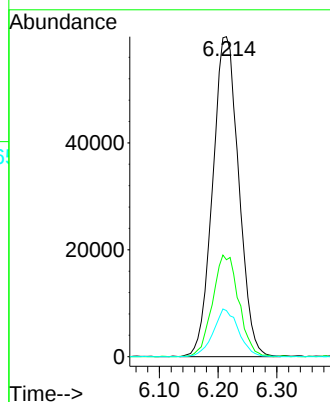
Tgt Ion: 63 Resp: 18447

Ion	Ratio	Lower	Upper
63	100		
65	30.3	22.7	42.1
83	14.4	9.7	18.1

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/21/2022
Supervised By :Mahesh Dadoda 07/21/2022



#20

cis-1,2-Dichloroethene

Concen: 28.563 ug/L

RT: 7.171 min Scan# 864

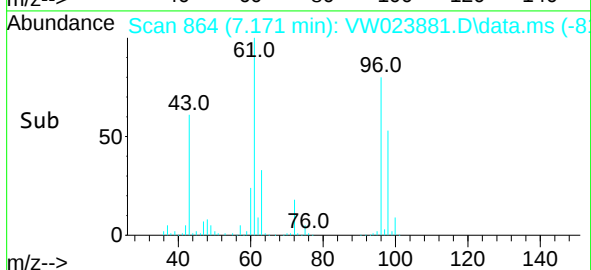
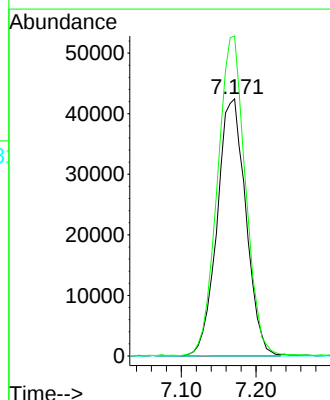
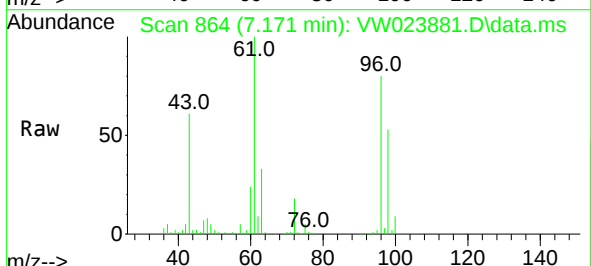
Delta R.T. 0.006 min

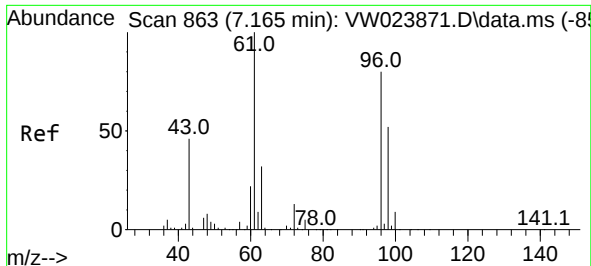
Lab File: VW023881.D

Acq: 19 Jul 2022 13:52

Tgt Ion: 96 Resp: 113337

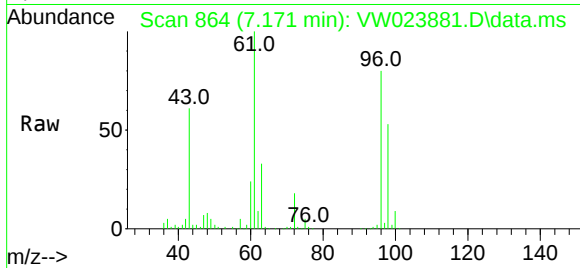
Ion	Ratio	Lower	Upper
96	100		
61	124.5	90.6	168.2
68	0.0	0.2	0.4





#22
2-Butanone
Concen: 66.450 ug/L
RT: 7.171 min Scan# 863
Delta R.T. 0.006 min
Lab File: VW023881.D
Acq: 19 Jul 2022 13:52

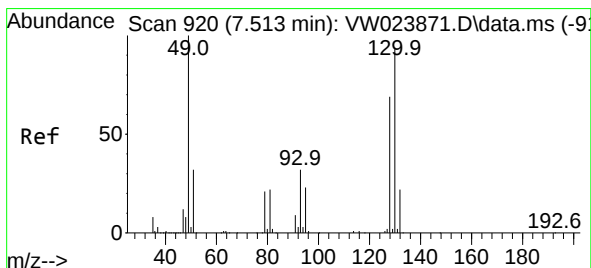
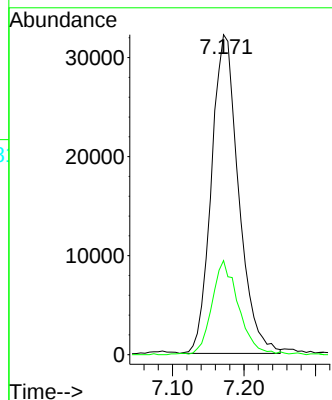
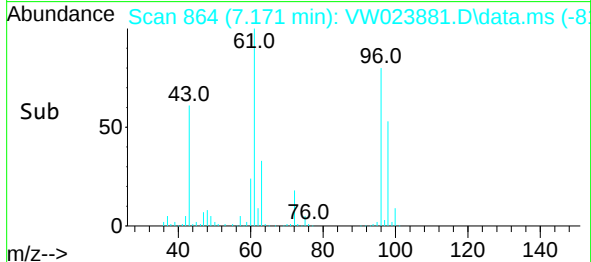
Instrument :
MSVOA_W
ClientSampleId :
H0B25MS



Tgt Ion: 43 Resp: 85179
Ion Ratio Lower Upper
43 100
72 28.4 14.7 44.1

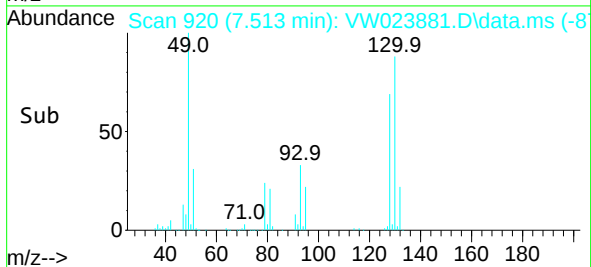
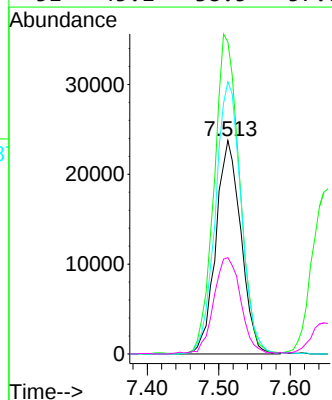
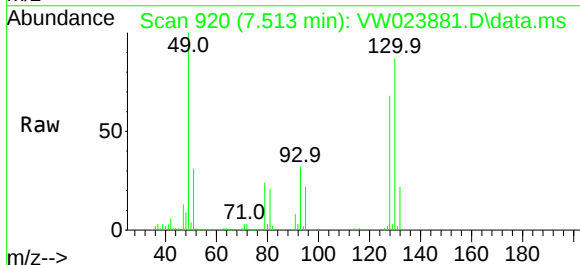
Manual Integrations
APPROVED

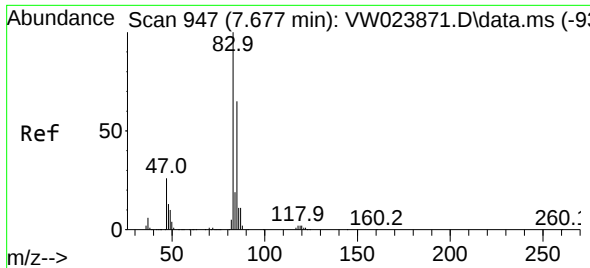
Reviewed By :Semsettin Yesilyurt 07/21/2022
Supervised By :Mahesh Dadoda 07/21/2022



#23
Bromochloromethane
Concen: 30.372 ug/L
RT: 7.513 min Scan# 920
Delta R.T. 0.000 min
Lab File: VW023881.D
Acq: 19 Jul 2022 13:52

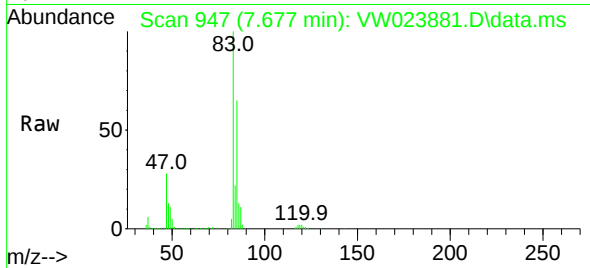
Tgt Ion:128 Resp: 57893
Ion Ratio Lower Upper
128 100
49 146.1 106.0 196.8
130 127.5 83.2 154.4
51 45.1 38.5 57.7





#25
Chloroform
Concen: 27.953 ug/L
RT: 7.677 min Scan# 947
Delta R.T. 0.000 min
Lab File: VW023881.D
Acq: 19 Jul 2022 13:52

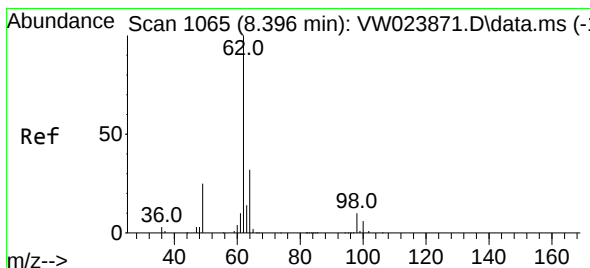
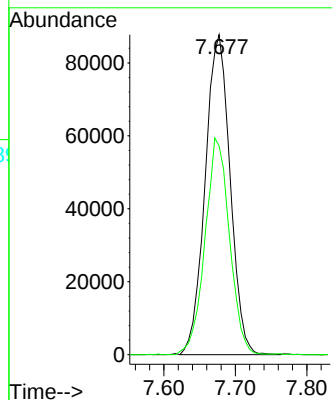
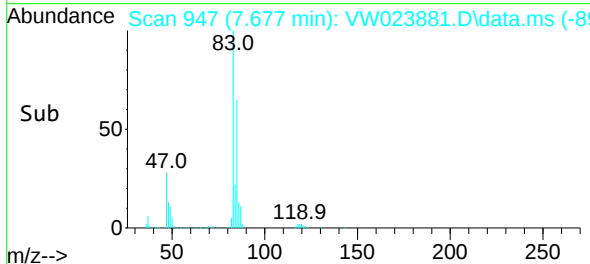
Instrument :
MSVOA_W
ClientSampleId :
H0B25MS



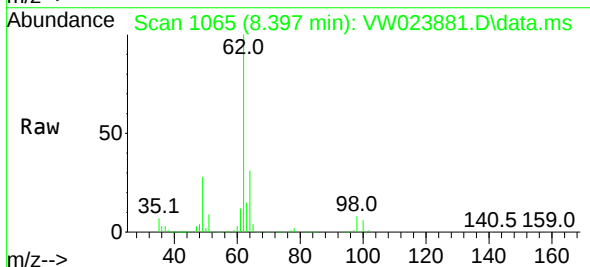
Tgt Ion: 83 Resp: 212750
Ion Ratio Lower Upper
83 100
85 65.3 41.9 77.9

Manual Integrations
APPROVED

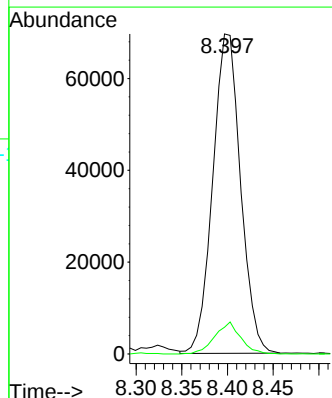
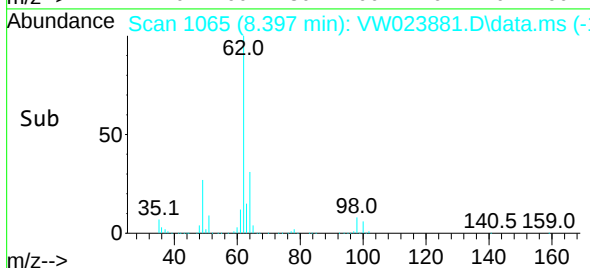
Reviewed By :Semsettin Yesilyurt 07/21/2022
Supervised By :Mahesh Dadoda 07/21/2022

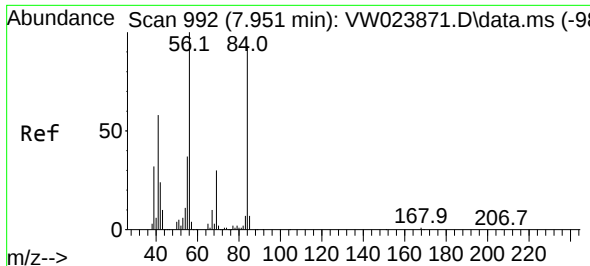


#27
1,2-Dichloroethane
Concen: 26.281 ug/L
RT: 8.397 min Scan# 1065
Delta R.T. 0.000 min
Lab File: VW023881.D
Acq: 19 Jul 2022 13:52



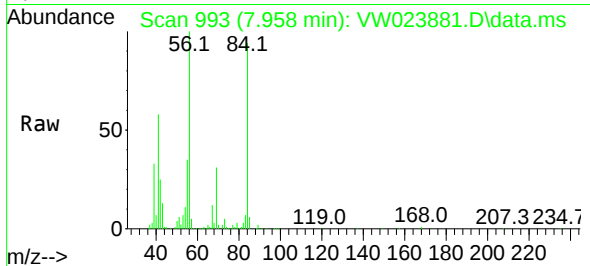
Tgt Ion: 62 Resp: 147220
Ion Ratio Lower Upper
62 100
98 8.3 7.2 10.8





#29
Cyclohexane
Concen: 28.335 ug/L
RT: 7.958 min Scan# 993
Delta R.T. 0.006 min
Lab File: VW023881.D
Acq: 19 Jul 2022 13:52

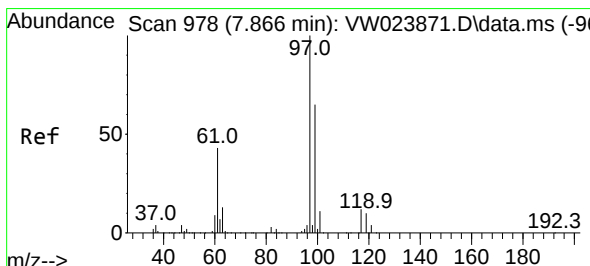
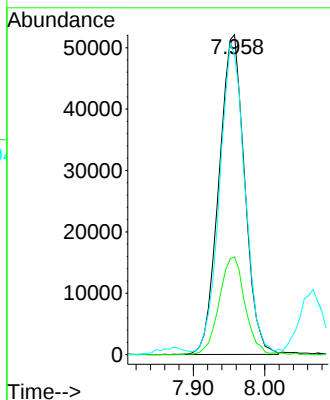
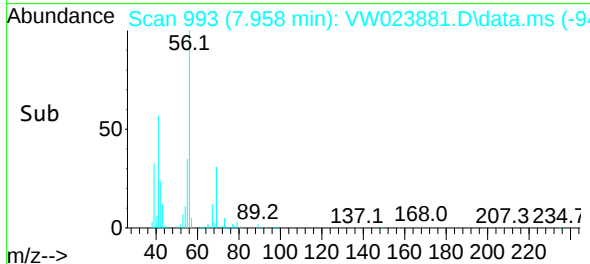
Instrument :
MSVOA_W
ClientSampleId :
H0B25MS



Tgt Ion: 56 Resp: 129929
Ion Ratio Lower Upper
56 100
69 30.4 25.4 38.0
84 95.8 75.0 112.4

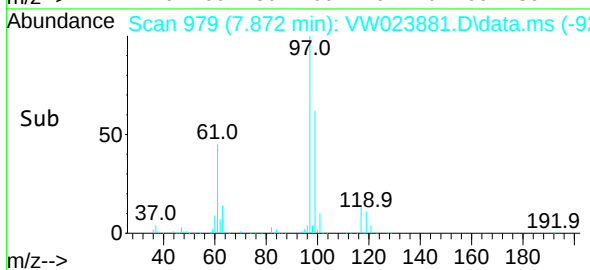
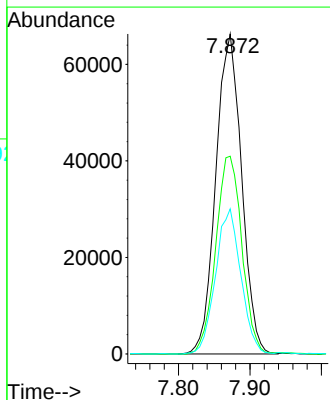
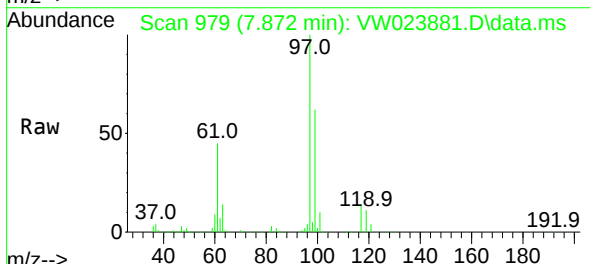
Manual Integrations
APPROVED

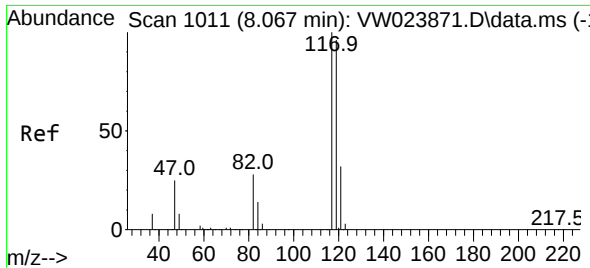
Reviewed By :Semsettin Yesilyurt 07/21/2022
Supervised By :Mahesh Dadoda 07/21/2022



#30
1,1,1-Trichloroethane
Concen: 30.603 ug/L
RT: 7.872 min Scan# 979
Delta R.T. 0.006 min
Lab File: VW023881.D
Acq: 19 Jul 2022 13:52

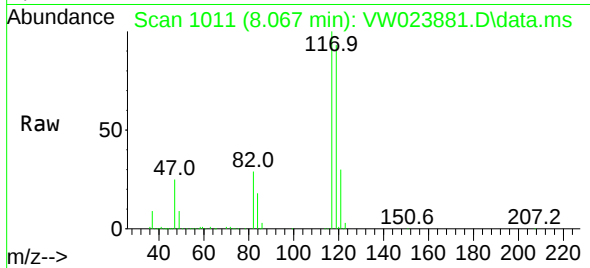
Tgt Ion: 97 Resp: 166133
Ion Ratio Lower Upper
97 100
99 62.6 51.0 76.6
61 44.5 37.5 56.3





#31
Carbon tetrachloride
Concen: 30.257 ug/L
RT: 8.067 min Scan# 1011
Delta R.T. 0.000 min
Lab File: VW023881.D
Acq: 19 Jul 2022 13:52

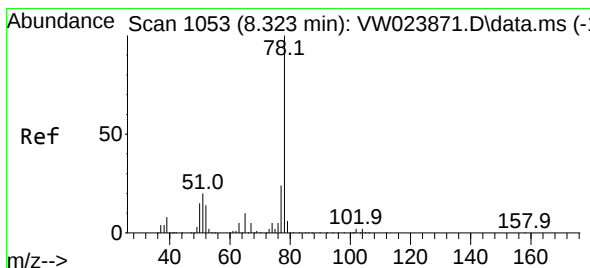
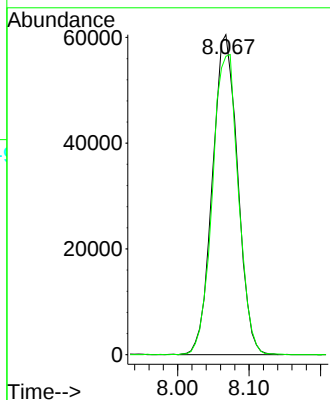
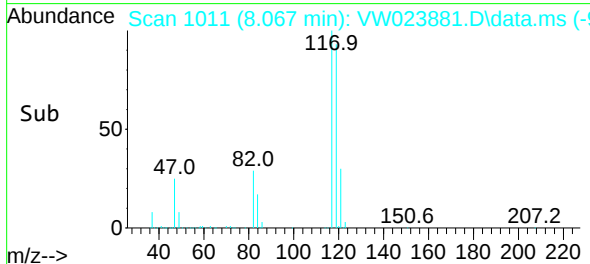
Instrument :
MSVOA_W
ClientSampleId :
H0B25MS



Tgt Ion:117 Resp: 148068
Ion Ratio Lower Upper
117 100
119 96.8 75.7 113.5

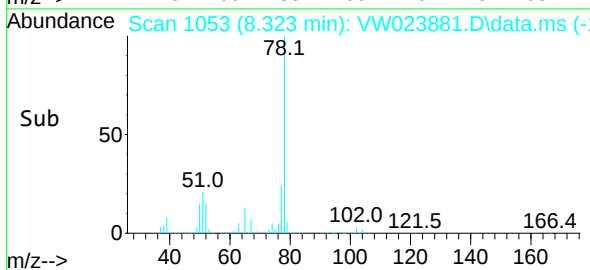
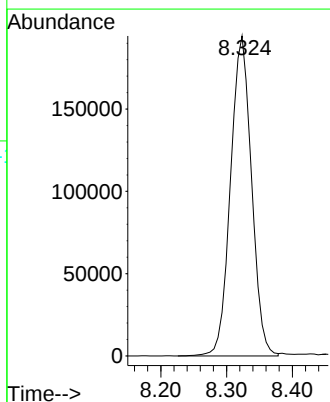
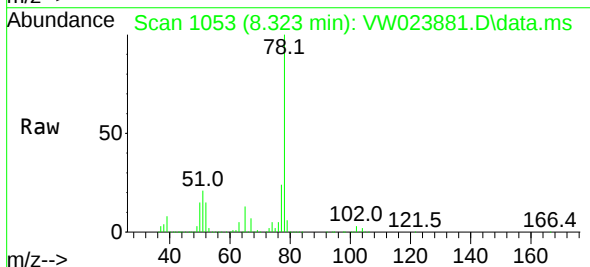
Manual Integrations
APPROVED

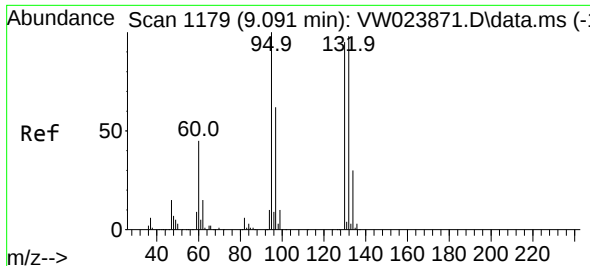
Reviewed By :Semsettin Yesilyurt 07/21/2022
Supervised By :Mahesh Dadoda 07/21/2022



#33
Benzene
Concen: 30.294 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VW023881.D
Acq: 19 Jul 2022 13:52

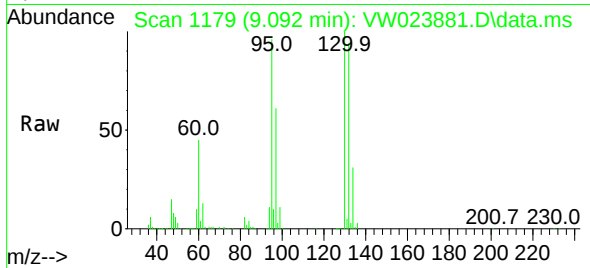
Tgt Ion: 78 Resp: 431616





#34
Trichloroethene
Concen: 29.346 ug/L
RT: 9.092 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VW023881.D
Acq: 19 Jul 2022 13:52

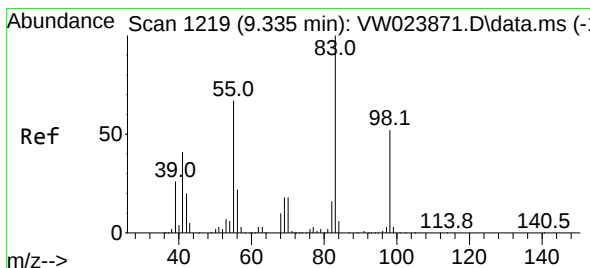
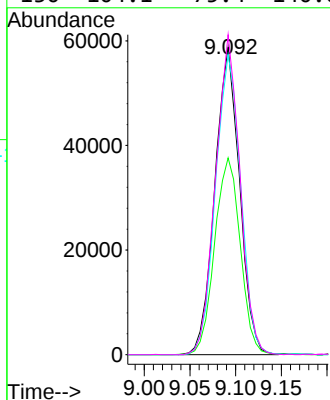
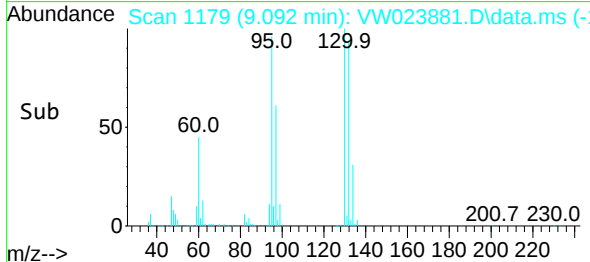
Instrument :
MSVOA_W
ClientSampleId :
H0B25MS



Tgt Ion: 95 Resp: 11041
Ion Ratio Lower Upper
95 100
97 64.0 45.6 84.8
132 97.6 69.9 129.7
130 104.1 75.4 140.0

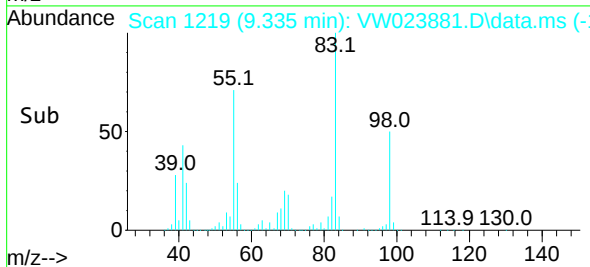
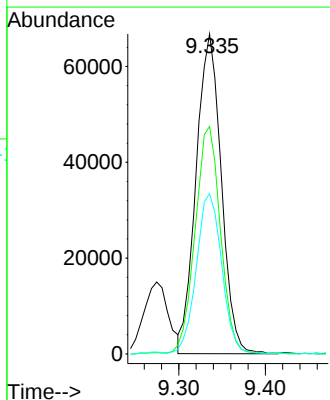
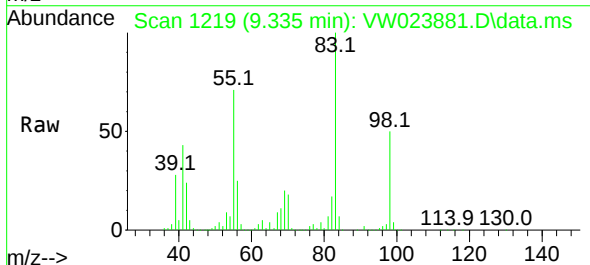
Manual Integrations
APPROVED

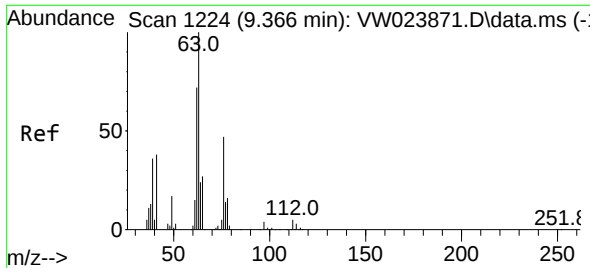
Reviewed By :Semsettin Yesilyurt 07/21/2022
Supervised By :Mahesh Dadoda 07/21/2022



#35
Methylcyclohexane
Concen: 23.510 ug/L
RT: 9.335 min Scan# 1219
Delta R.T. 0.000 min
Lab File: VW023881.D
Acq: 19 Jul 2022 13:52

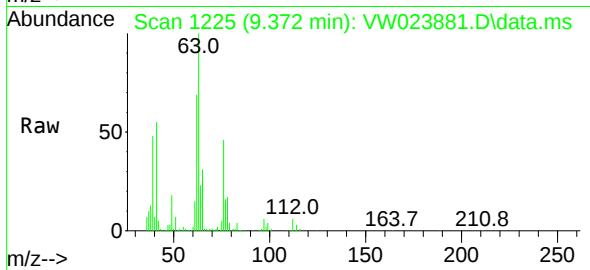
Tgt Ion: 83 Resp: 134688
Ion Ratio Lower Upper
83 100
55 71.4 60.8 91.2
98 50.6 39.5 59.3





#37
1,2-Dichloropropane
Concen: 30.257 ug/L
RT: 9.372 min Scan# 11
Delta R.T. 0.006 min
Lab File: VW023881.D
Acq: 19 Jul 2022 13:52

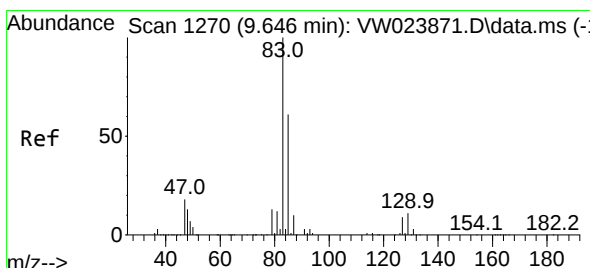
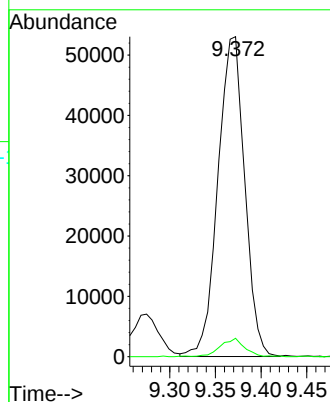
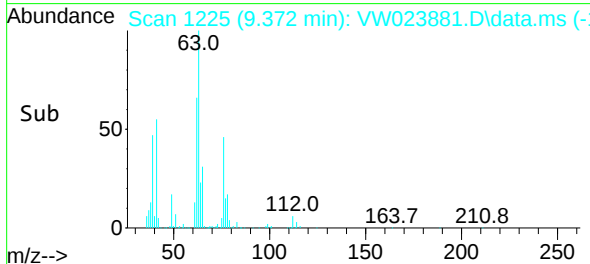
Instrument :
MSVOA_W
ClientSampleId :
H0B25MS



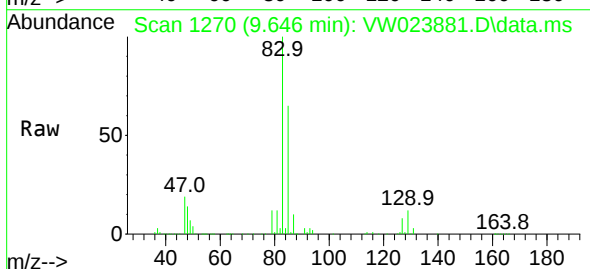
Tgt Ion: 63 Resp: 108078
Ion Ratio Lower Upper
63 100
112 5.0 4.2 6.2

Manual Integrations
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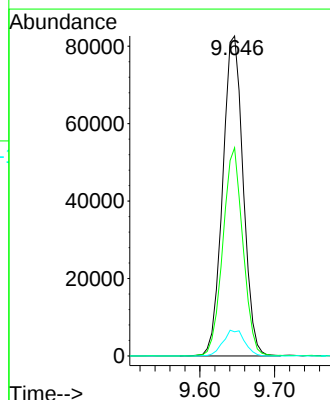
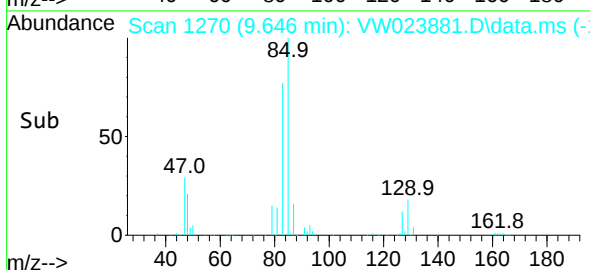
Reviewed By :Semsettin Yesilyurt 07/21/2022
Supervised By :Mahesh Dadoda 07/21/2022

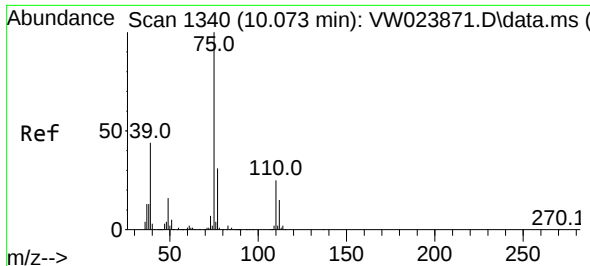


#38
Bromodichloromethane
Concen: 31.644 ug/L
RT: 9.646 min Scan# 1270
Delta R.T. 0.000 min
Lab File: VW023881.D
Acq: 19 Jul 2022 13:52



Tgt Ion: 83 Resp: 157752
Ion Ratio Lower Upper
83 100
85 65.1 45.5 84.5
127 7.5 6.0 9.0





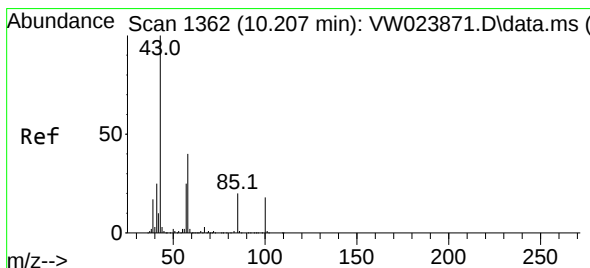
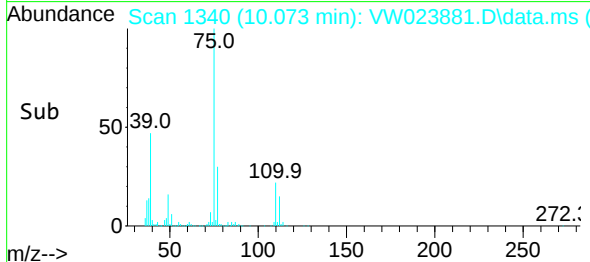
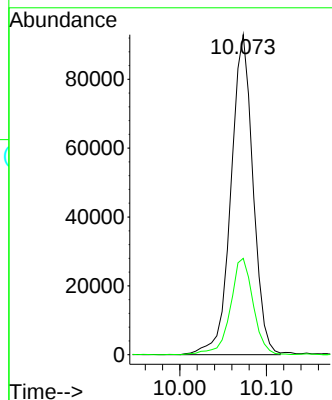
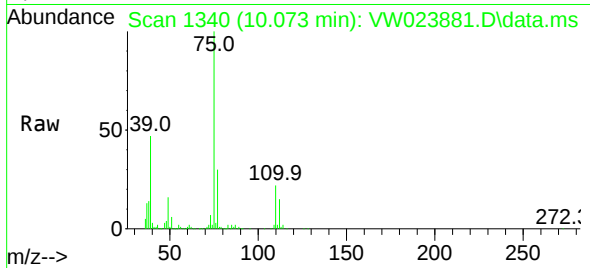
#39
cis-1,3-Dichloropropene
Concen: 30.552 ug/L
RT: 10.073 min Scan# 1340
Delta R.T. 0.000 min
Lab File: VW023881.D
Acq: 19 Jul 2022 13:52

Instrument :
MSVOA_W
ClientSampleId :
H0B25MS

Tgt Ion: 75 Resp: 164480
Ion Ratio Lower Upper
75 100
77 30.1 22.5 41.9

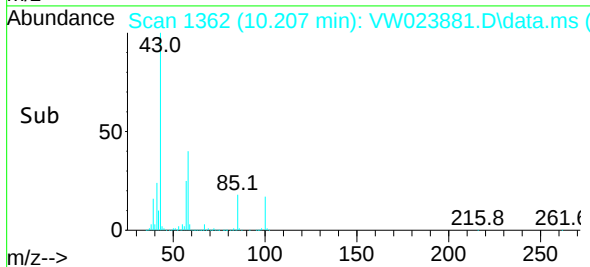
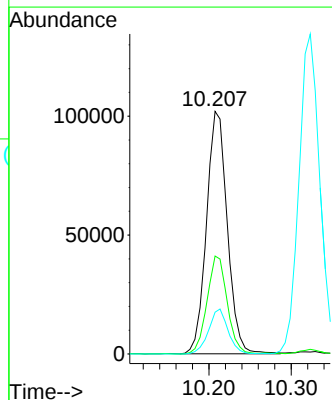
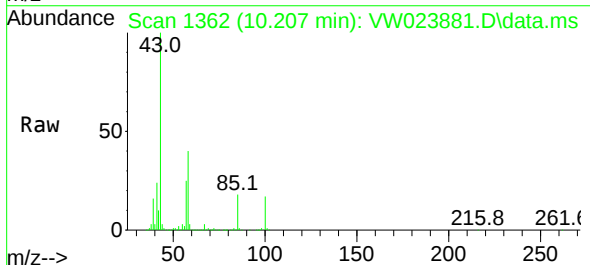
Manual Integrations
APPROVED

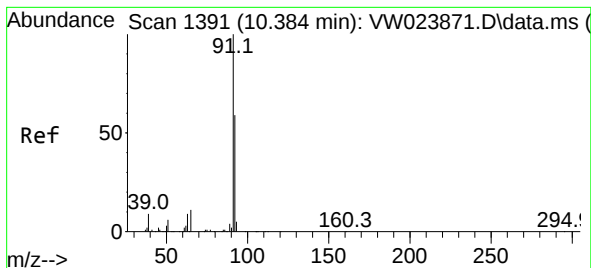
Reviewed By :Semsettin Yesilyurt 07/21/2022
Supervised By :Mahesh Dadoda 07/21/2022



#40
4-Methyl-2-pentanone
Concen: 72.265 ug/L
RT: 10.207 min Scan# 1362
Delta R.T. 0.000 min
Lab File: VW023881.D
Acq: 19 Jul 2022 13:52

Tgt Ion: 43 Resp: 179623
Ion Ratio Lower Upper
43 100
58 39.1 29.8 44.8
100 17.4 13.0 19.4





#42

Toluene

Concen: 28.789 ug/L

RT: 10.384 min Scan# 1391

Delta R.T. 0.000 min

Lab File: VW023881.D

Acq: 19 Jul 2022 13:52

Instrument :

MSVOA_W

ClientSampleId :

H0B25MS

Tgt Ion: 91 Resp: 467788

Ion Ratio Lower Upper

91 100

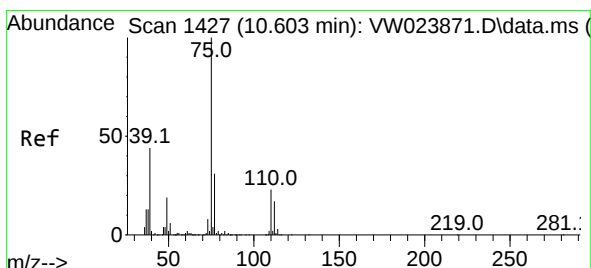
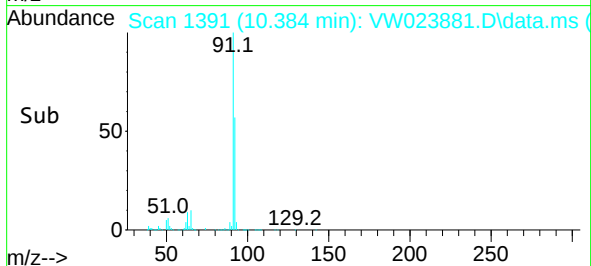
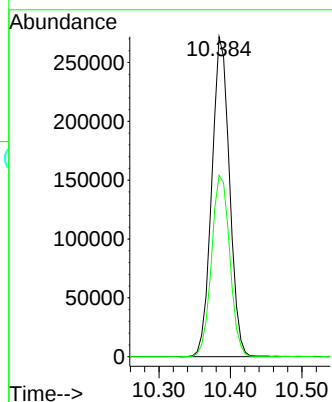
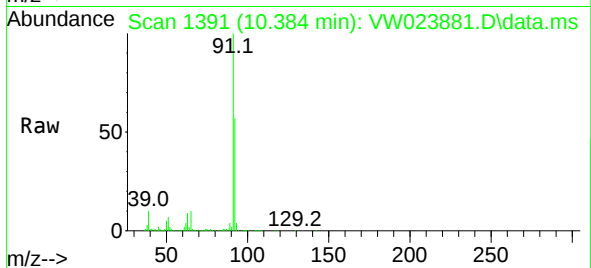
92 56.7 39.9 74.1

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/21/2022

Supervised By :Mahesh Dadoda 07/21/2022



#44

trans-1,3-Dichloropropene

Concen: 30.074 ug/L

RT: 10.604 min Scan# 1427

Delta R.T. 0.000 min

Lab File: VW023881.D

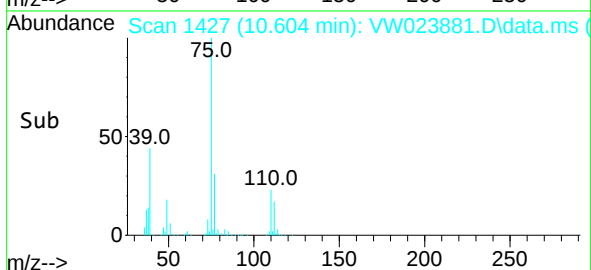
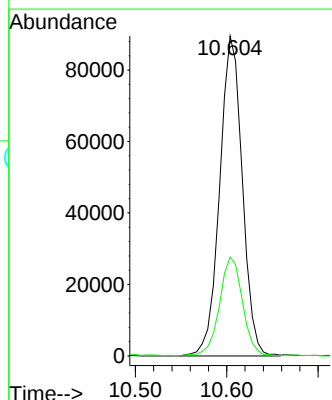
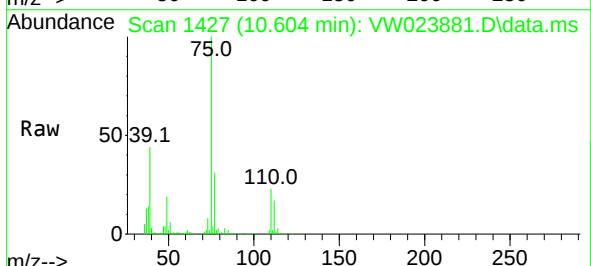
Acq: 19 Jul 2022 13:52

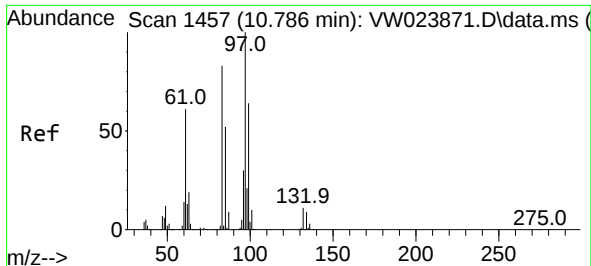
Tgt Ion: 75 Resp: 153894

Ion Ratio Lower Upper

75 100

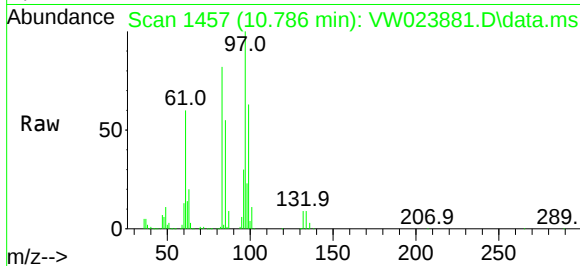
77 31.0 22.0 41.0





#45
1,1,2-Trichloroethane
Concen: 32.590 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VW023881.D
Acq: 19 Jul 2022 13:52

Instrument :
MSVOA_W
ClientSampleId :
H0B25MS

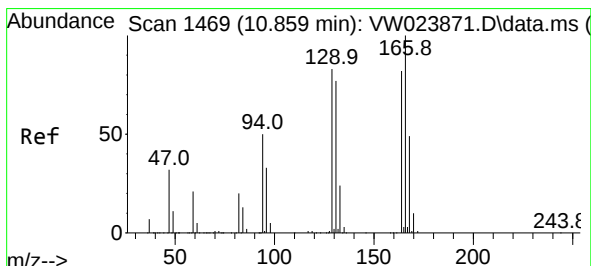
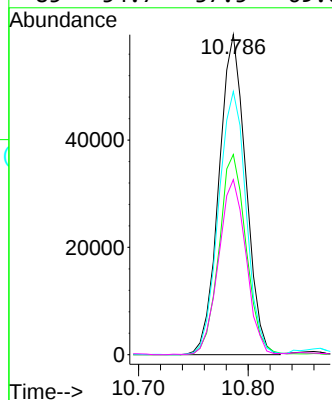
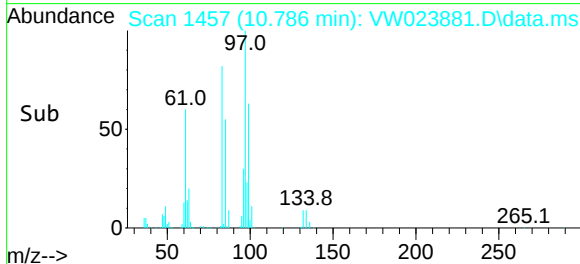


Tgt Ion: 97 Resp: 101788

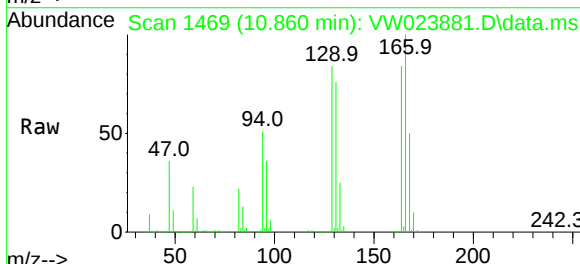
Ion	Ratio	Lower	Upper
97	100		
99	62.6	44.2	82.2
83	82.3	59.8	111.0
85	54.7	37.5	69.6

Manual Integrations
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Reviewed By :Semsettin Yesilyurt 07/21/2022
Supervised By :Mahesh Dadoda 07/21/2022

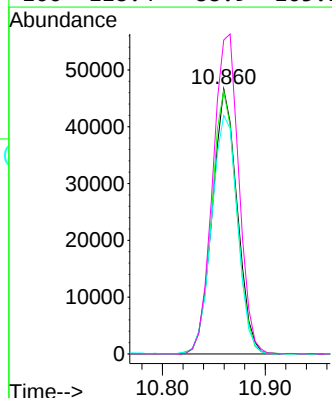
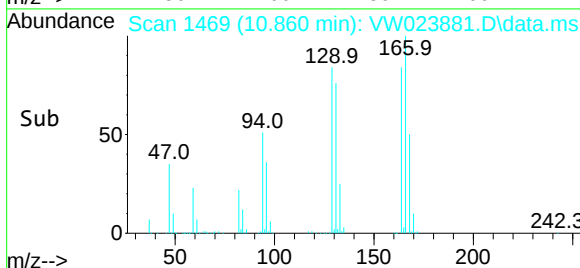


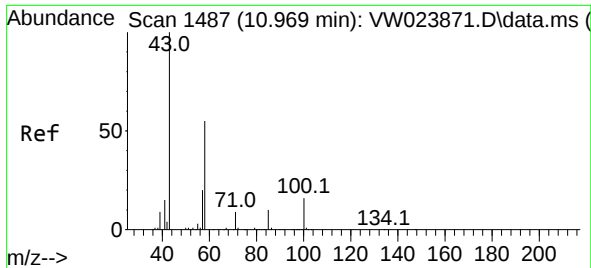
#46
Tetrachloroethene
Concen: 26.956 ug/L
RT: 10.860 min Scan# 1469
Delta R.T. 0.000 min
Lab File: VW023881.D
Acq: 19 Jul 2022 13:52



Tgt Ion:164 Resp: 78419

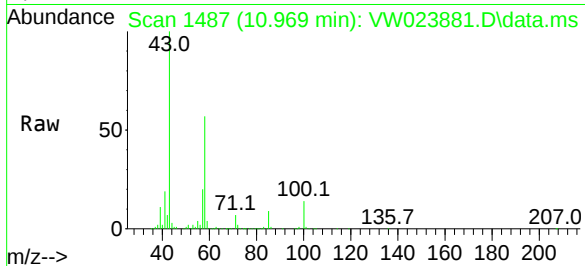
Ion	Ratio	Lower	Upper
164	100		
129	99.2	72.4	134.5
131	90.0	67.8	125.8
166	118.4	88.9	165.1





#48
2-Hexanone
Concen: 70.717 ug/L m
RT: 10.969 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VW023881.D
Acq: 19 Jul 2022 13:52

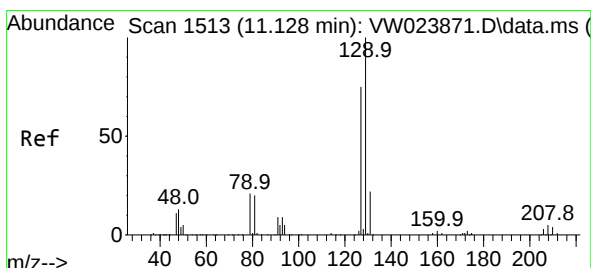
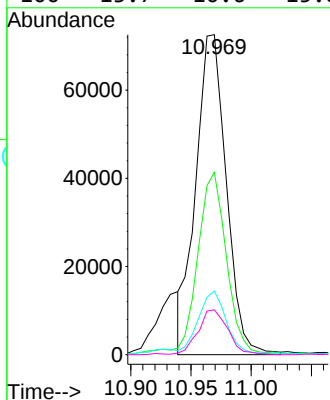
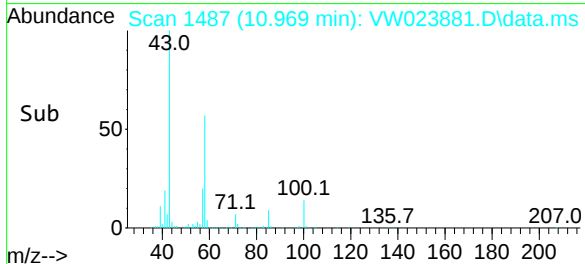
Instrument :
MSVOA_W
ClientSampleId :
H0B25MS



Tgt Ion: 43 Resp: 12797
Ion Ratio Lower Upper
43 100
58 53.0 41.6 62.4
57 17.5 14.6 21.8
100 13.7 10.6 15.8

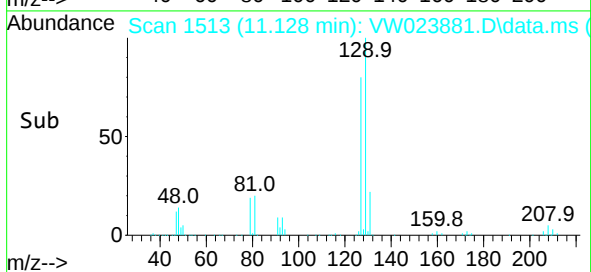
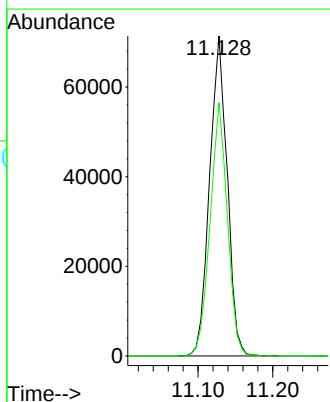
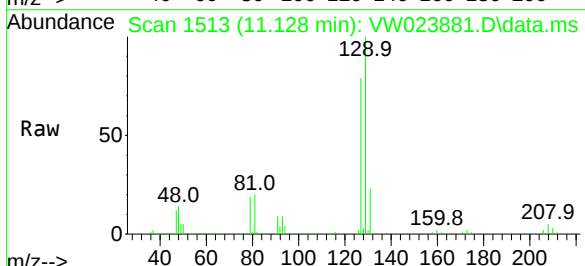
Manual Integrations
APPROVED

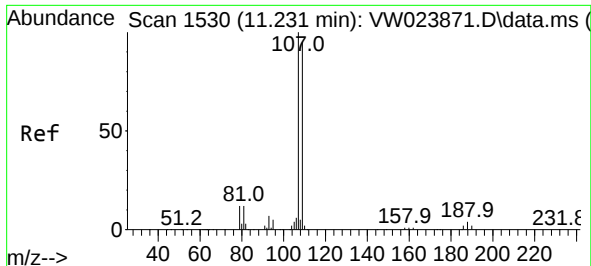
Reviewed By :Semsettin Yesilyurt 07/21/2022
Supervised By :Mahesh Dadoda 07/21/2022



#49
Dibromochloromethane
Concen: 32.255 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VW023881.D
Acq: 19 Jul 2022 13:52

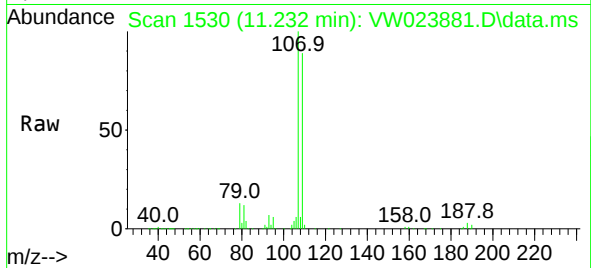
Tgt Ion:129 Resp: 116829
Ion Ratio Lower Upper
129 100
127 79.1 53.7 99.7





#50
1,2-Dibromoethane
Concen: 33.485 ug/L
RT: 11.232 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW023881.D
Acq: 19 Jul 2022 13:52

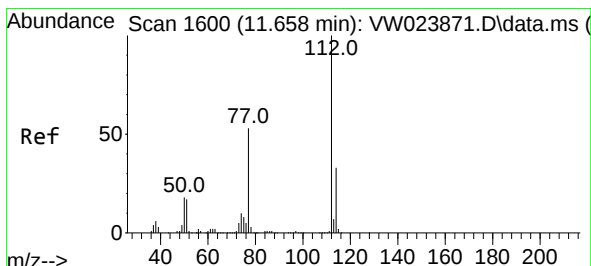
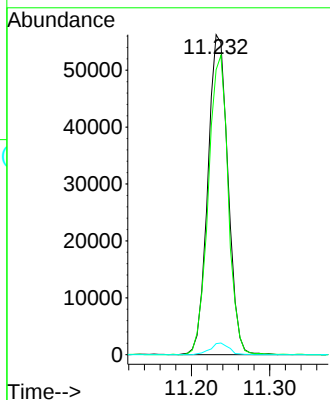
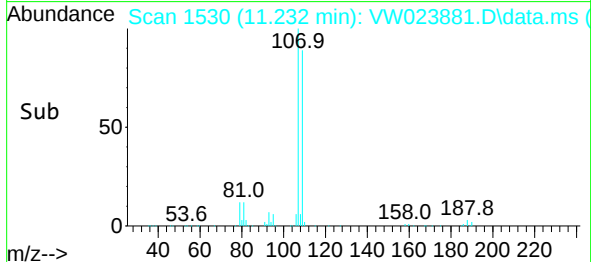
Instrument :
MSVOA_W
ClientSampleId :
H0B25MS



Tgt Ion:107 Resp: 10047
Ion Ratio Lower Upper
107 100
109 89.1 62.4 116.0
188 3.5 2.3 3.5

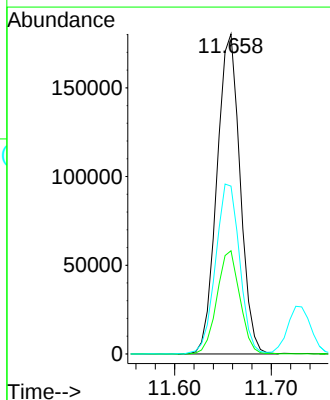
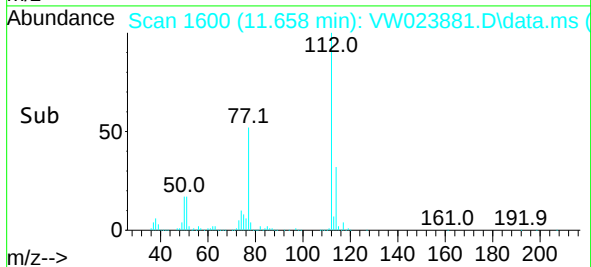
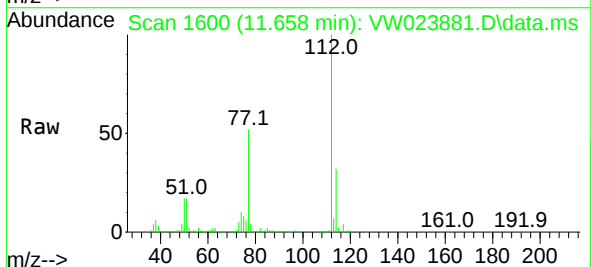
Manual Integrations APPROVED

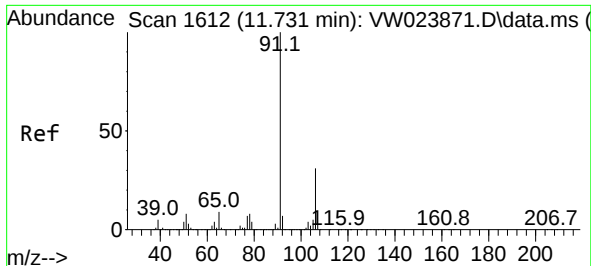
Reviewed By :Semsettin Yesilyurt 07/21/2022
Supervised By :Mahesh Dadoda 07/21/2022



#51
Chlorobenzene
Concen: 27.348 ug/L
RT: 11.658 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VW023881.D
Acq: 19 Jul 2022 13:52

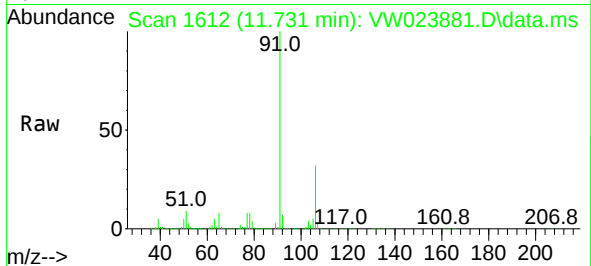
Tgt Ion:112 Resp: 299697
Ion Ratio Lower Upper
112 100
114 32.2 21.1 39.3
77 52.4 46.6 69.8





#52
Ethylbenzene
Concen: 26.825 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. 0.000 min
Lab File: VW023881.D
Acq: 19 Jul 2022 13:52

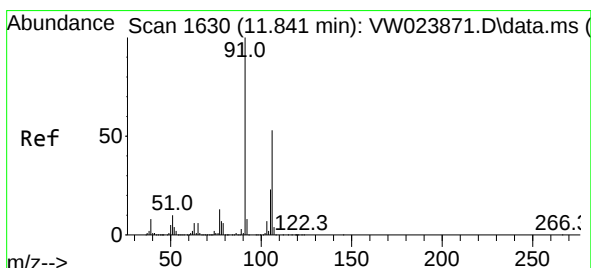
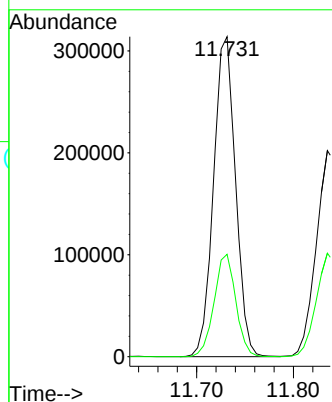
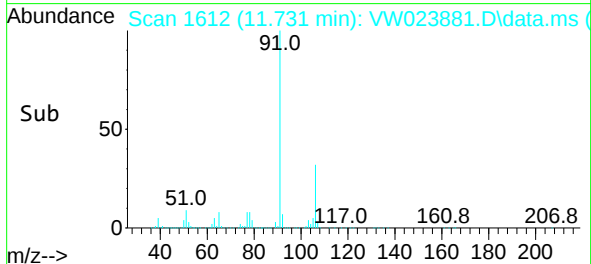
Instrument :
MSVOA_W
ClientSampleId :
H0B25MS



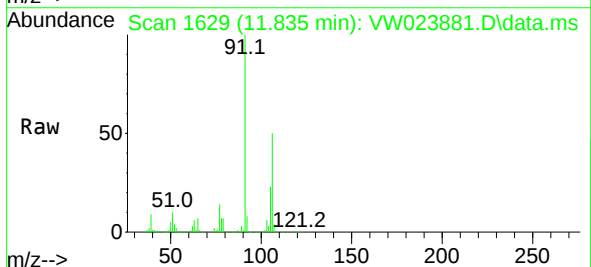
Tgt Ion: 91 Resp: 49531
Ion Ratio Lower Upper
91 100
106 32.0 22.5 41.9

Manual Integrations
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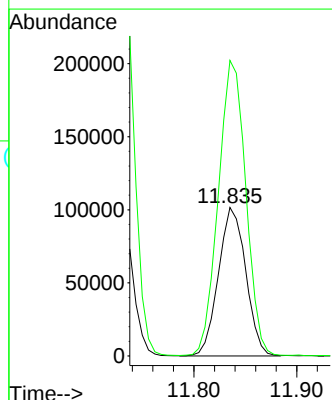
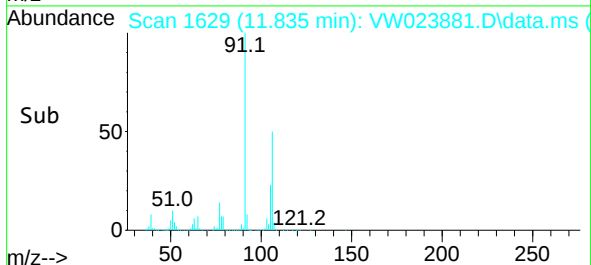
Reviewed By :Semsettin Yesilyurt 07/21/2022
Supervised By :Mahesh Dadoda 07/21/2022

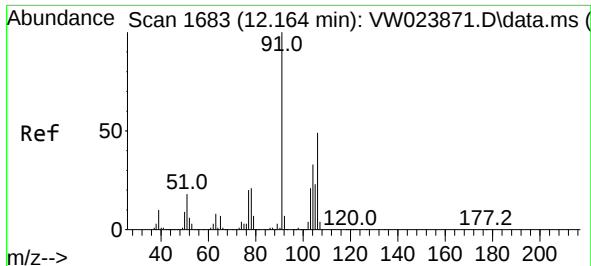


#53
m,p-Xylene
Concen: 26.066 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. -0.006 min
Lab File: VW023881.D
Acq: 19 Jul 2022 13:52



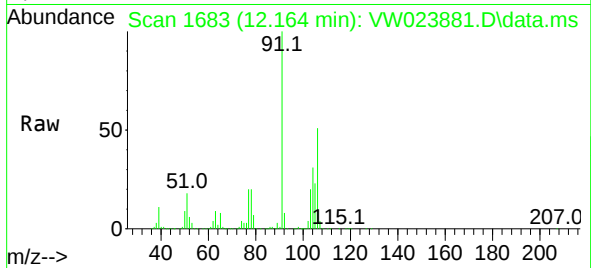
Tgt Ion:106 Resp: 187779
Ion Ratio Lower Upper
106 100
91 199.2 142.8 265.2





#54
o-Xylene
Concen: 27.057 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VW023881.D
Acq: 19 Jul 2022 13:52

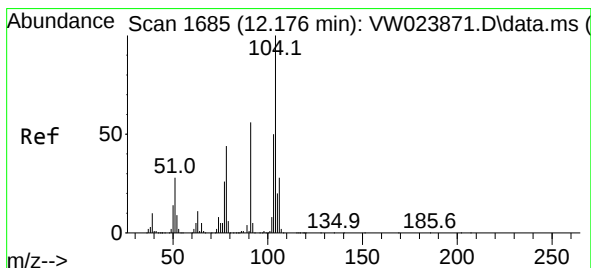
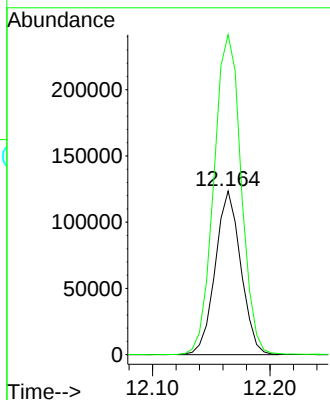
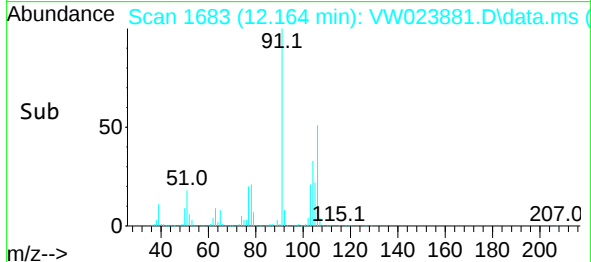
Instrument :
MSVOA_W
ClientSampleId :
H0B25MS



Tgt Ion:106 Resp: 187194
Ion Ratio Lower Upper
106 100
91 195.6 149.6 277.8

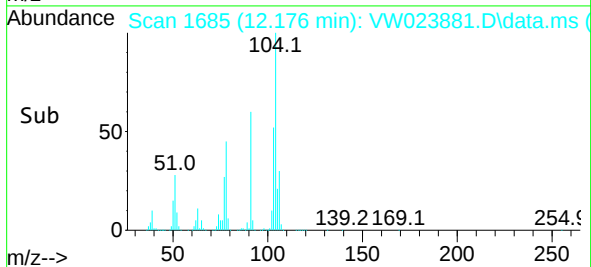
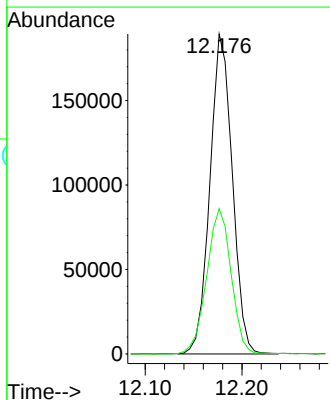
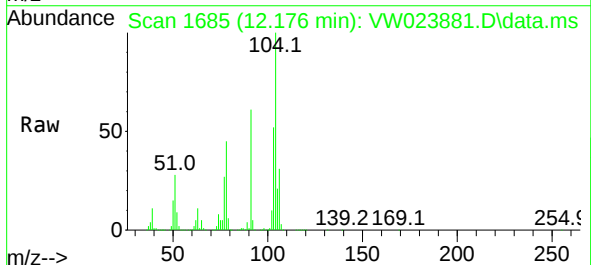
Manual Integrations
APPROVED

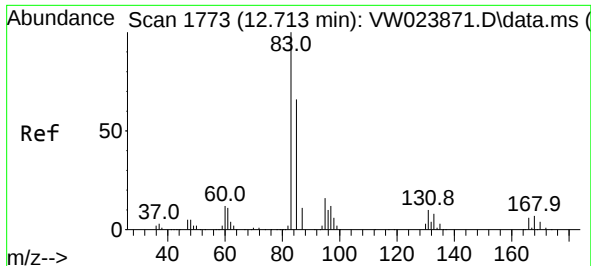
Reviewed By :Semsettin Yesilyurt 07/21/2022
Supervised By :Mahesh Dadoda 07/21/2022



#55
Styrene
Concen: 24.941 ug/L
RT: 12.176 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VW023881.D
Acq: 19 Jul 2022 13:52

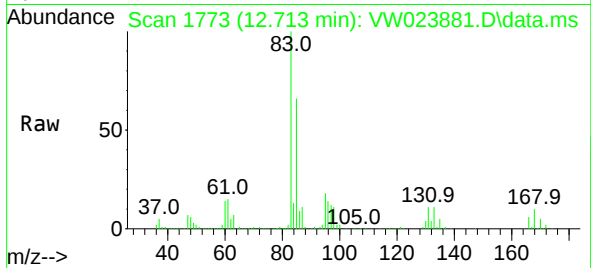
Tgt Ion:104 Resp: 304841
Ion Ratio Lower Upper
104 100
78 45.4 34.3 63.7





#57
1,1,2,2-Tetrachloroethane
Concen: 30.540 ug/L
RT: 12.713 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VW023881.D
Acq: 19 Jul 2022 13:52

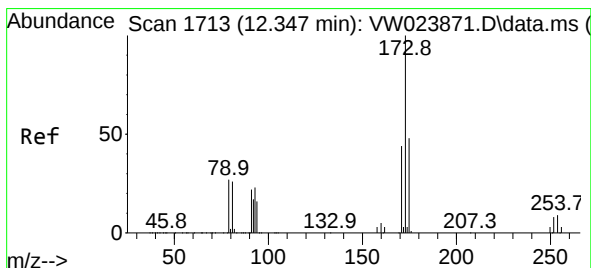
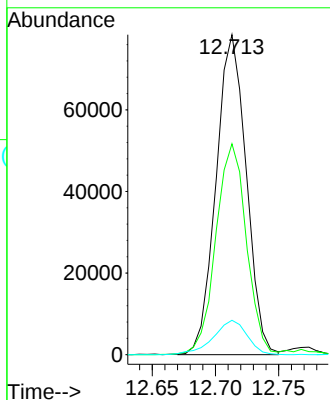
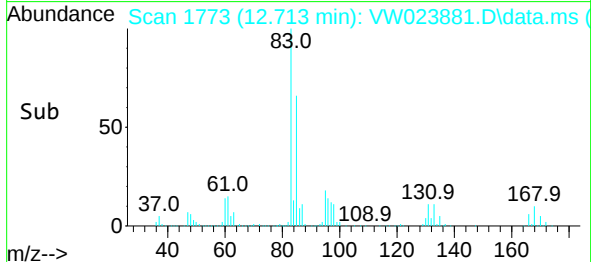
Instrument :
MSVOA_W
ClientSampleId :
H0B25MS



Tgt Ion: 83 Resp: 130100
Ion Ratio Lower Upper
83 100
85 65.9 46.5 86.3
131 10.8 7.4 11.0

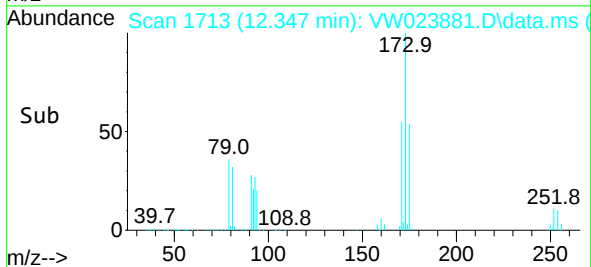
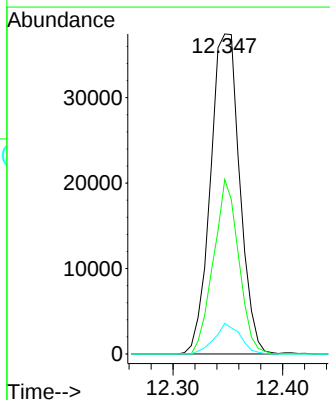
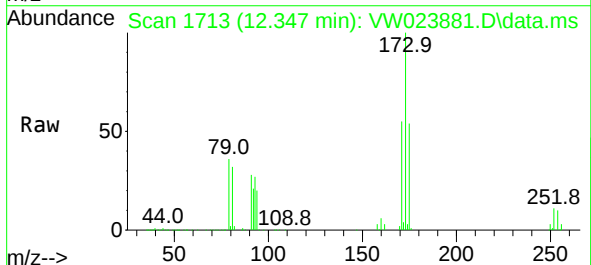
Manual Integrations
APPROVED

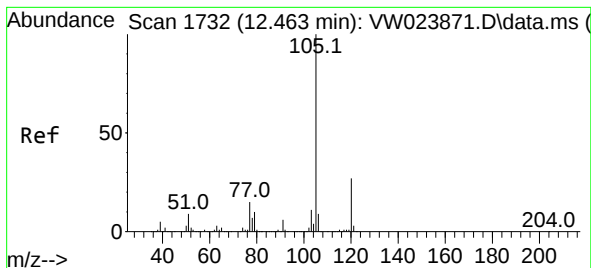
Reviewed By :Semsettin Yesilyurt 07/21/2022
Supervised By :Mahesh Dadoda 07/21/2022



#59
Bromoform
Concen: 40.112 ug/L
RT: 12.347 min Scan# 1713
Delta R.T. 0.000 min
Lab File: VW023881.D
Acq: 19 Jul 2022 13:52

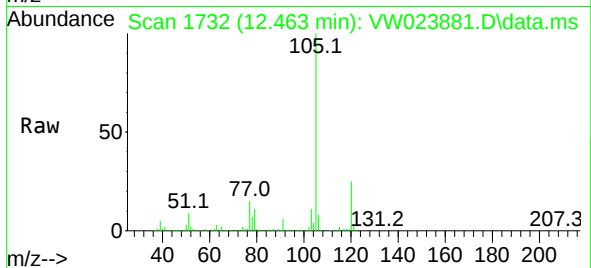
Tgt Ion:173 Resp: 69567
Ion Ratio Lower Upper
173 100
175 47.0 38.9 58.3
254 8.4 5.9 8.9





#60
Isopropylbenzene
Concen: 29.266 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VW023881.D
Acq: 19 Jul 2022 13:52

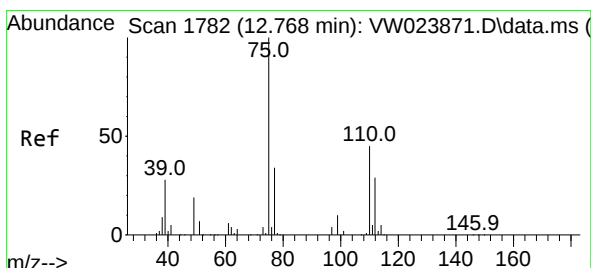
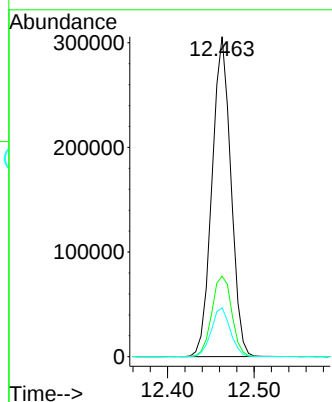
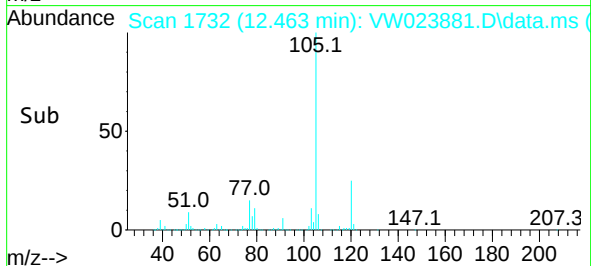
Instrument :
MSVOA_W
ClientSampleId :
H0B25MS



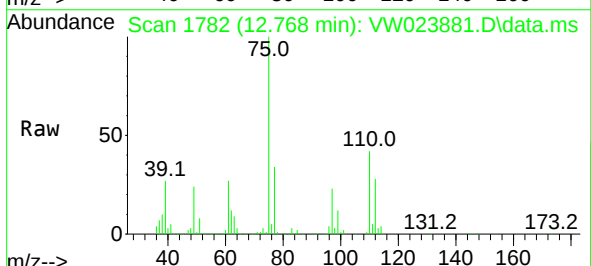
Tgt Ion: 105 Resp: 46238
Ion Ratio Lower Upper
105 100
120 26.7 20.7 31.1
77 15.5 13.2 19.8

Manual Integrations
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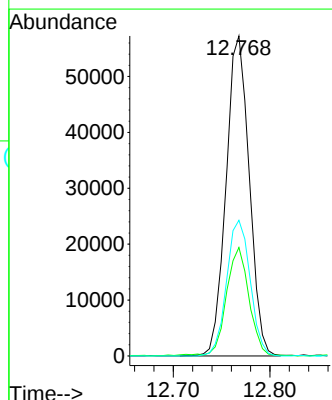
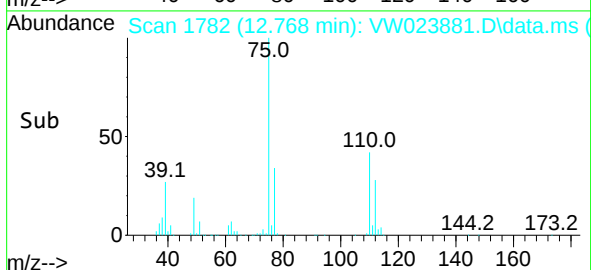
Reviewed By : Semsettin Yesilyurt 07/21/2022
Supervised By : Mahesh Dadoda 07/21/2022

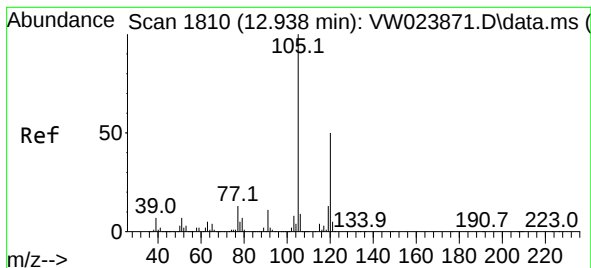


#61
1,2,3-Trichloropropane
Concen: 36.938 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. 0.000 min
Lab File: VW023881.D
Acq: 19 Jul 2022 13:52



Tgt Ion: 75 Resp: 95262
Ion Ratio Lower Upper
75 100
77 32.8 25.0 37.4
110 43.0 31.9 47.9





#62

1,3,5-Trimethylbenzene

Concen: 25.954 ug/L

RT: 12.945 min Scan# 1810

Delta R.T. 0.006 min

Lab File: VW023881.D

Acq: 19 Jul 2022 13:52

Instrument :

MSVOA_W

ClientSampleId :

H0B25MS

Tgt Ion:105 Resp: 335718

Ion Ratio Lower Upper

105 100

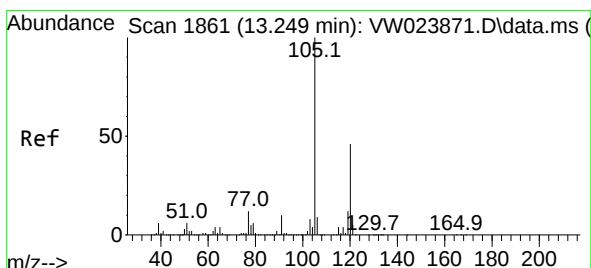
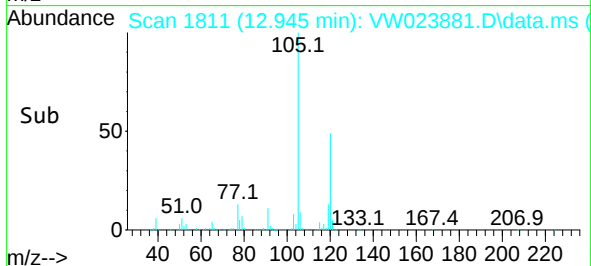
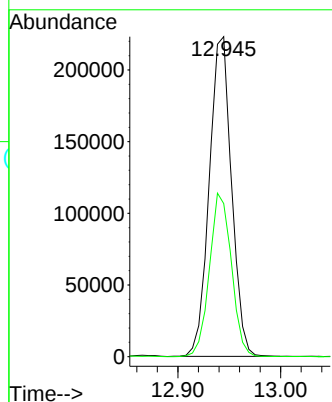
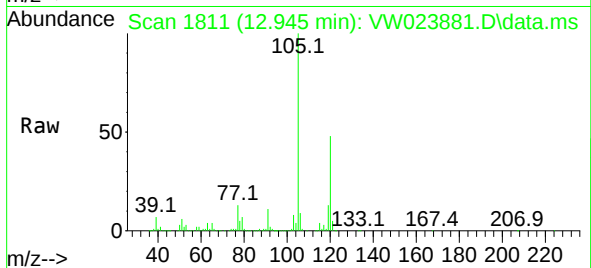
120 50.3 38.7 58.1

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/21/2022

Supervised By :Mahesh Dadoda 07/21/2022



#63

1,2,4-Trimethylbenzene

Concen: 26.461 ug/L

RT: 13.249 min Scan# 1861

Delta R.T. 0.000 min

Lab File: VW023881.D

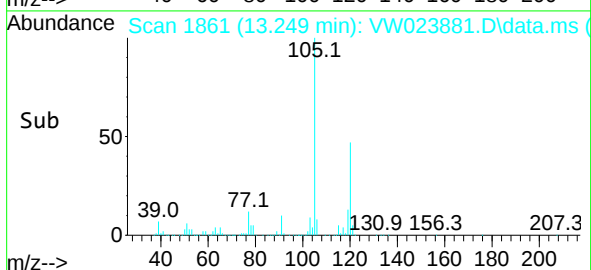
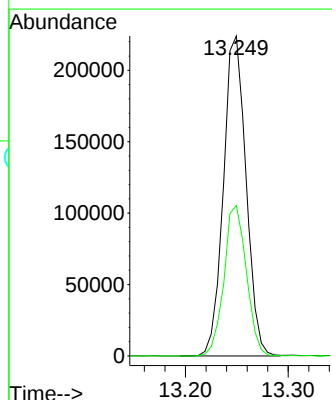
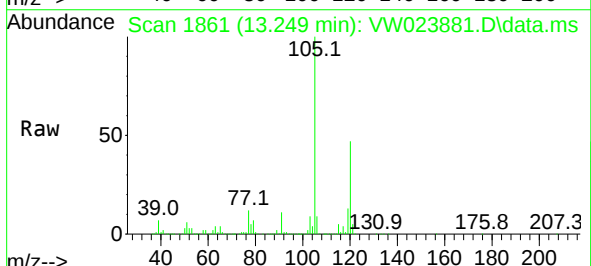
Acq: 19 Jul 2022 13:52

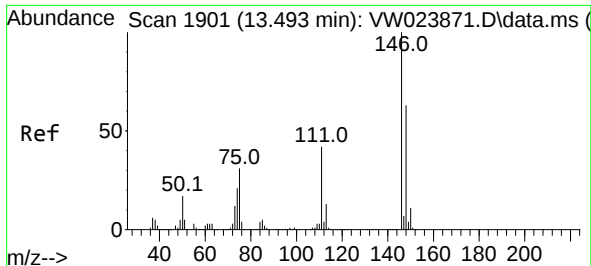
Tgt Ion:105 Resp: 342205

Ion Ratio Lower Upper

105 100

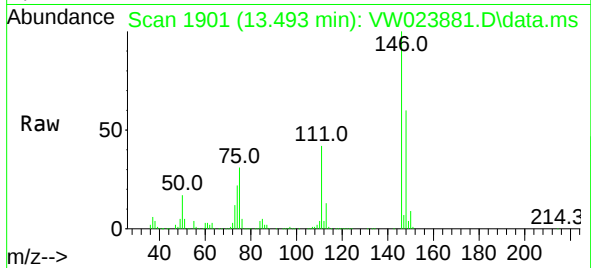
120 46.5 35.5 53.3





#64
1,3-Dichlorobenzene
Concen: 28.050 ug/L
RT: 13.493 min Scan# 1901
Delta R.T. 0.000 min
Lab File: VW023881.D
Acq: 19 Jul 2022 13:52

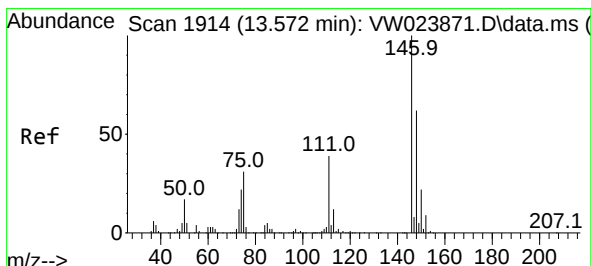
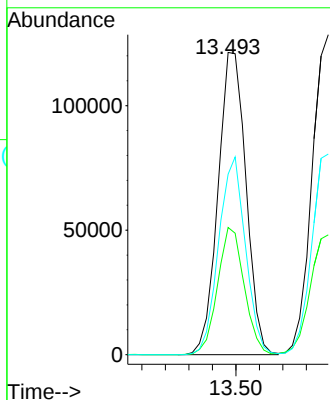
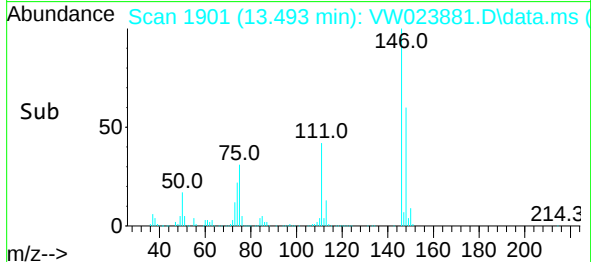
Instrument :
MSVOA_W
ClientSampleId :
H0B25MS



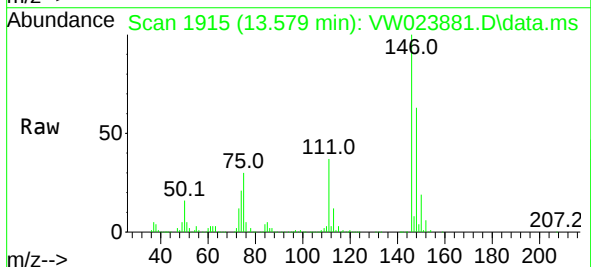
Tgt Ion:146 Resp: 201217
Ion Ratio Lower Upper
146 100
111 42.1 28.6 53.2
148 59.7 41.2 76.4

Manual Integrations
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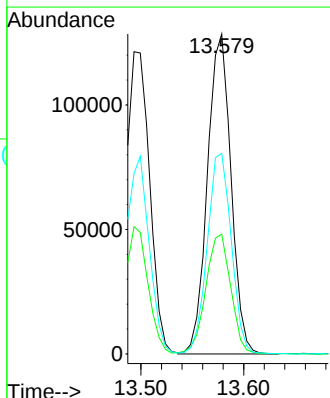
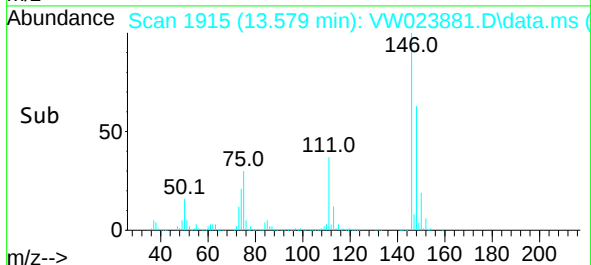
Reviewed By :Semsettin Yesilyurt 07/21/2022
Supervised By :Mahesh Dadoda 07/21/2022

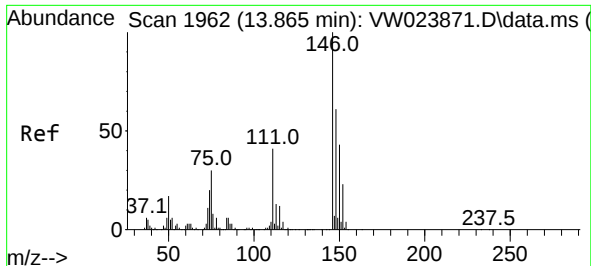


#65
1,4-Dichlorobenzene
Concen: 26.832 ug/L
RT: 13.579 min Scan# 1915
Delta R.T. 0.006 min
Lab File: VW023881.D
Acq: 19 Jul 2022 13:52



Tgt Ion:146 Resp: 204777
Ion Ratio Lower Upper
146 100
111 37.5 29.4 54.6
148 62.7 44.4 82.5





#67

1,2-Dichlorobenzene

Concen: 28.582 ug/L

RT: 13.865 min Scan# 1962

Delta R.T. 0.000 min

Lab File: VW023881.D

Acq: 19 Jul 2022 13:52

Instrument :

MSVOA_W

ClientSampleId :

H0B25MS

Tgt Ion:146 Resp: 19337

Ion Ratio Lower Upper

146 100

111 45.1 35.9 53.9

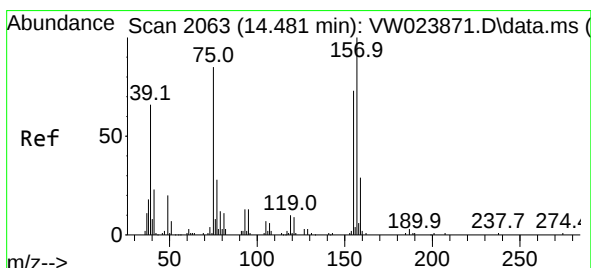
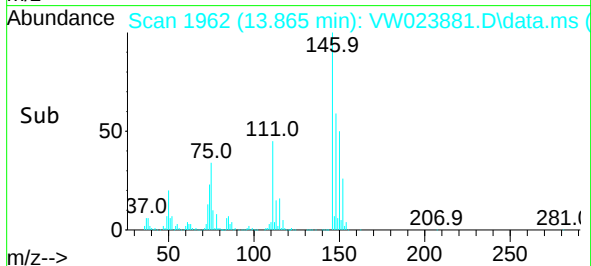
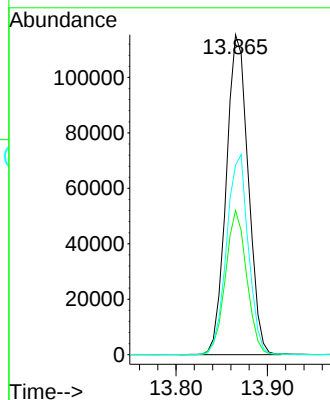
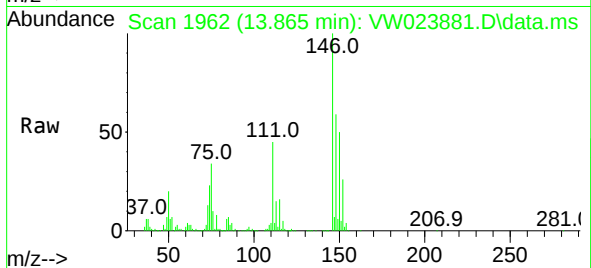
148 59.3 51.3 76.9

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/21/2022

Supervised By :Mahesh Dadoda 07/21/2022



#68

1,2-Dibromo-3-chloropropane

Concen: 36.380 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. 0.000 min

Lab File: VW023881.D

Acq: 19 Jul 2022 13:52

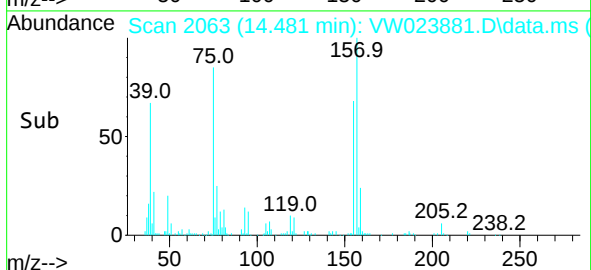
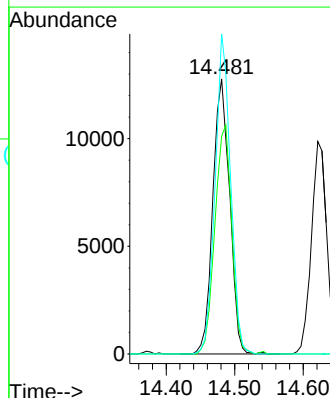
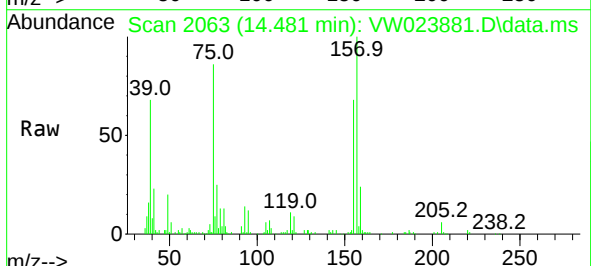
Tgt Ion: 75 Resp: 21640

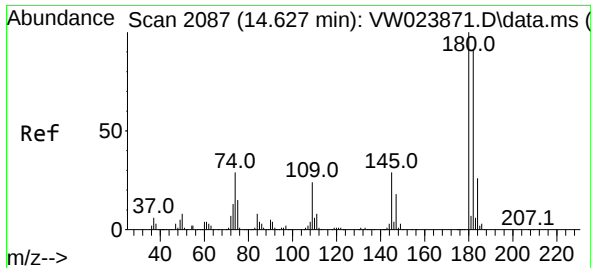
Ion Ratio Lower Upper

75 100

155 79.1 51.7 77.5#

157 116.3 63.5 95.3#





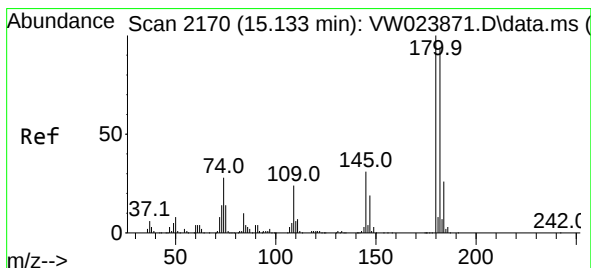
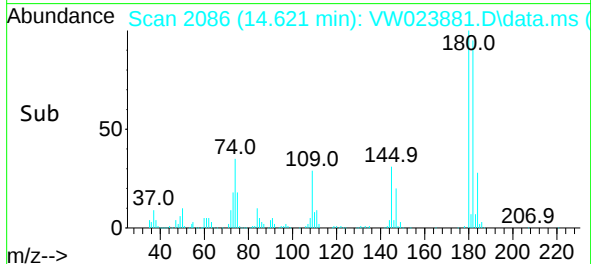
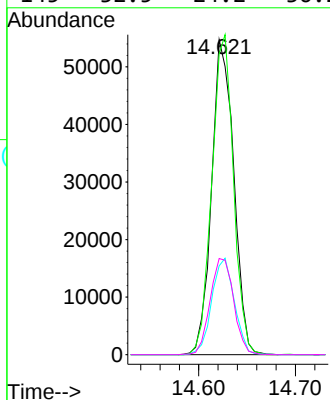
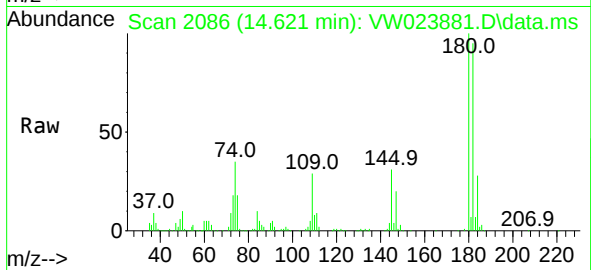
#69
1,3,5-Trichlorobenzene
Concen: 18.320 ug/L
RT: 14.621 min Scan# 2087
Delta R.T. -0.006 min
Lab File: VW023881.D
Acq: 19 Jul 2022 13:52

Instrument :
MSVOA_W
ClientSampleId :
H0B25MS

Tgt Ion:180 Resp: 86980
Ion Ratio Lower Upper
180 100
182 99.2 70.2 105.2
184 31.3 22.6 34.0
145 32.5 24.2 36.2

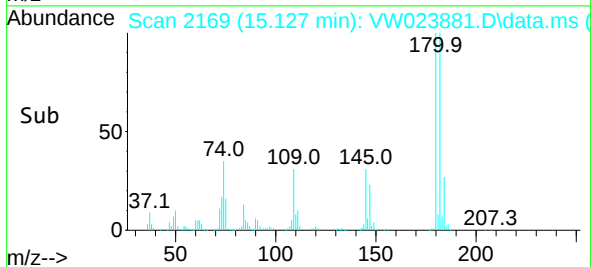
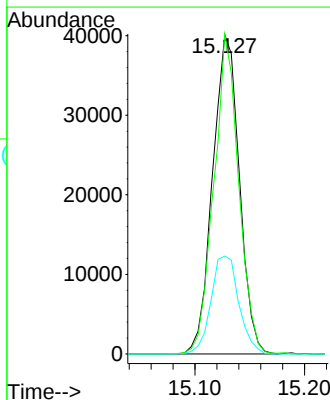
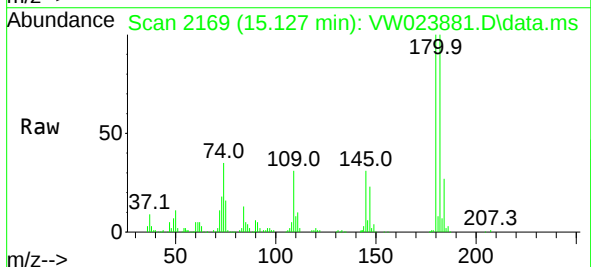
Manual Integrations
APPROVED

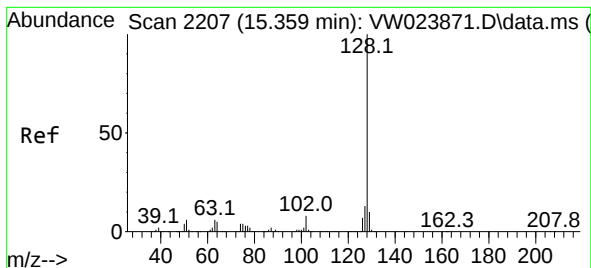
Reviewed By :Semsettin Yesilyurt 07/21/2022
Supervised By :Mahesh Dadoda 07/21/2022



#70
1,2,4-trichlorobenzene
Concen: 18.524 ug/L
RT: 15.127 min Scan# 2169
Delta R.T. -0.006 min
Lab File: VW023881.D
Acq: 19 Jul 2022 13:52

Tgt Ion:180 Resp: 67916
Ion Ratio Lower Upper
180 100
182 93.2 77.5 116.3
145 31.9 26.3 39.5





#71

Naphthalene

Concen: 34.882 ug/L

RT: 15.365 min Scan# 21

Delta R.T. 0.006 min

Lab File: VW023881.D

Acq: 19 Jul 2022 13:52

Instrument :

MSVOA_W

ClientSampleId :

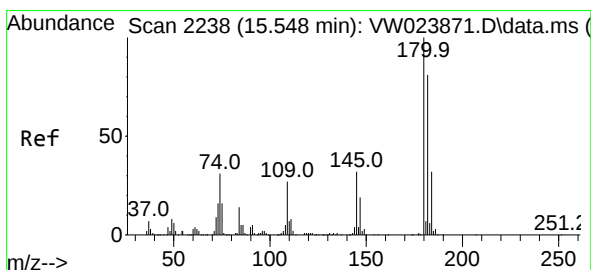
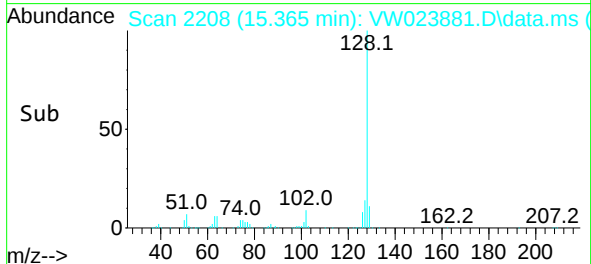
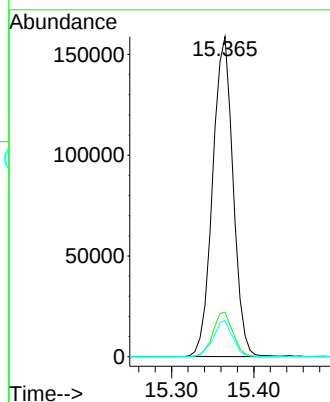
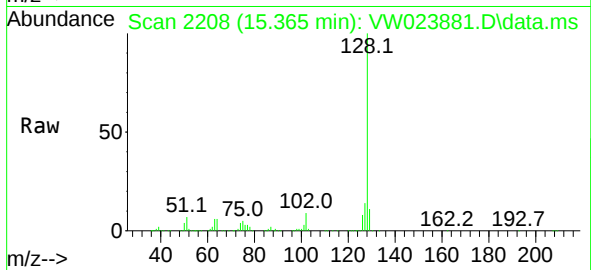
H0B25MS

Tgt Ion:	128	Resp:	274334
Ion Ratio	Lower	Upper	
128	100		
127	13.7	11.0	16.4
129	10.9	9.0	13.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/21/2022
Supervised By :Mahesh Dadoda 07/21/2022



#72

1,2,3-Trichlorobenzene

Concen: 19.697 ug/L

RT: 15.554 min Scan# 2239

Delta R.T. 0.006 min

Lab File: VW023881.D

Acq: 19 Jul 2022 13:52

Tgt Ion:	180	Resp:	67311
Ion Ratio	Lower	Upper	
180	100		
182	91.6	76.3	114.5
145	34.2	27.8	41.6

