

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101923\
 Data File : VW027343.D
 Acq On : 19 Oct 2023 13:14
 Operator : SY/MD
 Sample : 04922-09MS
 Misc : 6.31g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EOAS3MS

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 10/20/2023
 Supervised By :Mahesh Dadoda 10/20/2023

Quant Time: Oct 20 02:48:31 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM101123SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Oct 20 02:46:04 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	437094	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	377568	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	169116	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	142749	21.399	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.600%
7) Chloroethane-d5	2.899	69	108488	22.650	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.600%
11) 1,1-Dichloroethene-d2	4.021	65	72218	21.606	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	86.440%
21) 2-Butanone-d5	7.081	46	120561m	54.375	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	108.760%
24) Chloroform-d	7.648	84	310747	23.853	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	95.400%
26) 1,2-Dichloroethane-d4	8.307	65	176409	25.208	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	100.840%
32) Benzene-d6	8.276	84	625980	24.505	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	98.000%
36) 1,2-Dichloropropane-d6	9.276	67	198856	25.486	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	101.960%
41) Toluene-d8	10.325	98	538498	23.246	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	93.000%
43) trans-1,3-Dichloroprop...	10.575	79	86718	24.376	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	97.520%
47) 2-Hexanone-d5	10.922	63	94824	58.740	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	117.480%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	161411	27.727	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	110.920%
66) 1,2-Dichlorobenzene-d4	13.848	152	143702	23.448	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	93.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.021	85	101906m	19.595	ug/L	
3) Chloromethane	2.229	50	124636	20.854	ug/L	99
5) Vinyl chloride	2.381	62	134772	20.187	ug/L	99
6) Bromomethane	2.789	94	72952	19.185	ug/L	98
8) Chloroethane	2.930	64	79597	20.713	ug/L	98
9) Trichlorofluoromethane	3.265	101	97681	20.739	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	115704	19.618	ug/L	99
12) 1,1-Dichloroethene	4.051	96	117246	20.456	ug/L	93
13) Acetone	4.131	43	101432	52.967	ug/L	99
14) Carbon disulfide	4.393	76	319199	17.964	ug/L	99
15) Methyl Acetate	4.673	43	80996	24.764	ug/L	96
16) Methylene chloride	4.923	84	150244	18.778	ug/L	95
17) trans-1,2-Dichloroethene	5.429	96	123392	20.032	ug/L	95
18) Methyl tert-butyl Ether	5.429	73	242339	22.803	ug/L	100
19) 1,1-Dichloroethane	6.216	63	267422	21.279	ug/L	95
20) cis-1,2-Dichloroethene	7.167	96	145998	20.988	ug/L	97
22) 2-Butanone	7.173	43	128337	44.773	ug/L	99
23) Bromochloromethane	7.520	128	59722	20.795	ug/L	94
25) Chloroform	7.679	83	250832	21.325	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	181056	22.660	ug/L	100
29) Cyclohexane	7.953	56	222129	19.376	ug/L	98
30) 1,1,1-Trichloroethane	7.874	97	198067	21.505	ug/L	99
31) Carbon tetrachloride	8.069	117	169149	20.368	ug/L	99
33) Benzene	8.319	78	543531	22.027	ug/L	100
34) Trichloroethene	9.093	95	137255	21.058	ug/L	90
35) Methylcyclohexane	9.337	83	194744	16.708	ug/L	99
37) 1,2-Dichloropropane	9.367	63	153989	23.080	ug/L	100
38) Bromodichloromethane	9.642	83	183472	22.364	ug/L	100
39) cis-1,3-Dichloropropene	10.075	75	241394	21.903	ug/L	97
40) 4-Methyl-2-pentanone	10.209	43	237264	51.710	ug/L	99
42) Toluene	10.386	91	558605	21.580	ug/L	98
44) trans-1,3-Dichloropropene	10.605	75	207282	22.290	ug/L	99
45) 1,1,2-Trichloroethane	10.788	97	111803	24.352	ug/L	98
46) Tetrachloroethene	10.861	164	84665	18.812	ug/L	95
48) 2-Hexanone	10.965	43	178487	52.557	ug/L	100
49) Dibromochloromethane	11.129	129	109429	21.462	ug/L	98
50) 1,2-Dibromoethane	11.233	107	102212	22.962	ug/L	100
51) Chlorobenzene	11.654	112	331470	20.449	ug/L	98
52) Ethylbenzene	11.727	91	603751	20.071	ug/L	95
53) m,p-Xylene	11.837	106	224847	19.708	ug/L	98
54) o-Xylene	12.160	106	217619	19.919	ug/L	97
55) Styrene	12.178	104	379714	20.350	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.708	83	135095	24.104	ug/L	99
59) Bromoform	12.349	173	57897	23.007	ug/L #	99
60) Isopropylbenzene	12.464	105	577347	21.732	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	103001	27.894	ug/L	100
62) 1,3,5-Trimethylbenzene	12.940	105	448760	20.250	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	451270	20.813	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	207104	19.224	ug/L	95
65) 1,4-Dichlorobenzene	13.574	146	213497	19.844	ug/L	99
67) 1,2-Dichlorobenzene	13.867	146	199520	20.871	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.482	75	22647	24.539	ug/L	88
69) 1,3,5-Trichlorobenzene	14.623	180	102292	14.626	ug/L	98
70) 1,2,4-trichlorobenzene	15.129	180	86257	14.491	ug/L	98
71) Naphthalene	15.360	128	257240	21.014	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	74524	15.225	ug/L	89

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

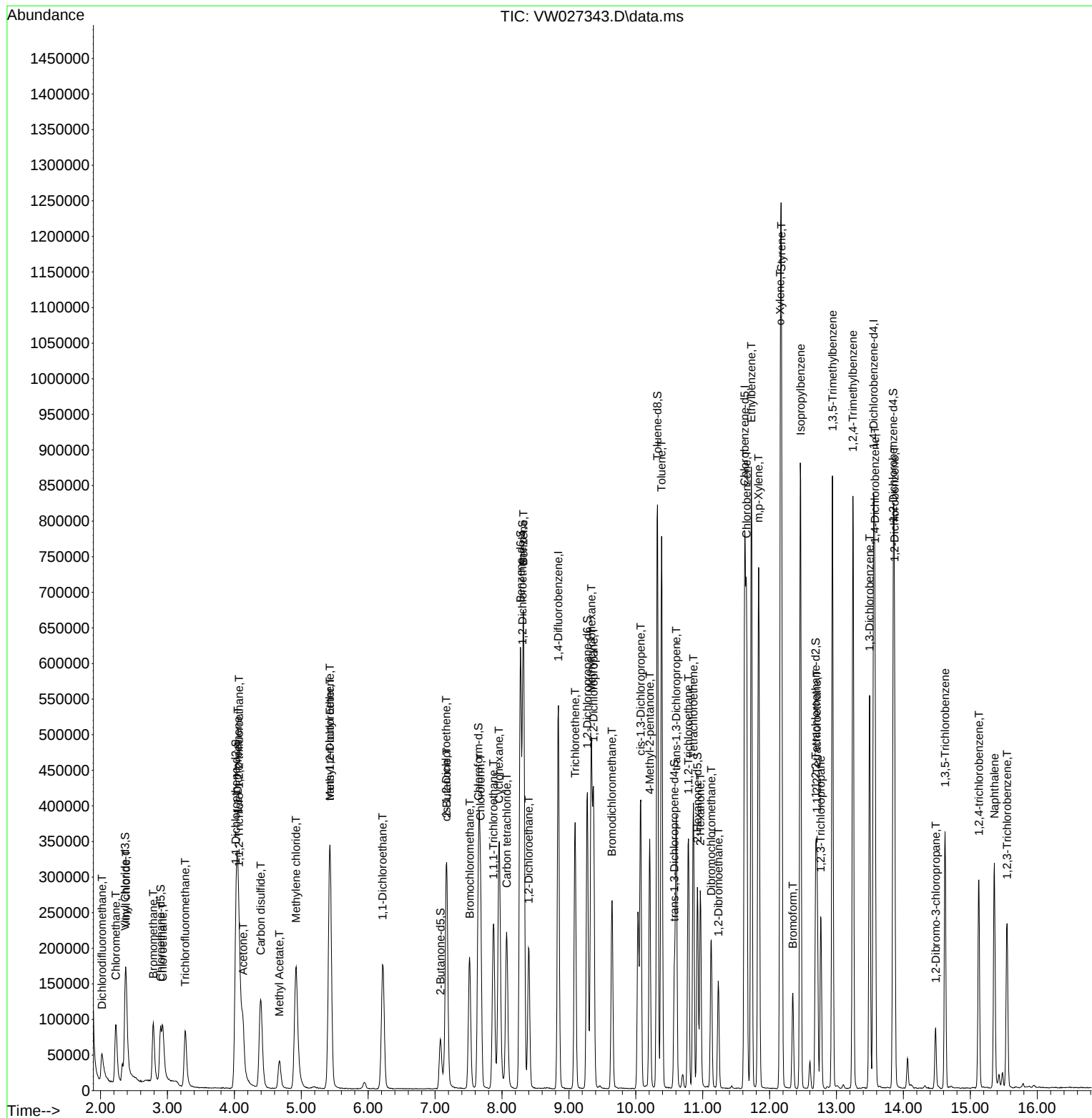
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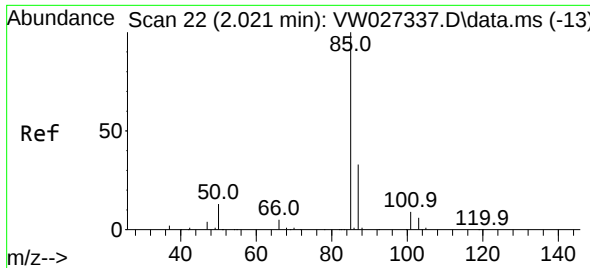
Instrument :
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 ClientSampleId :
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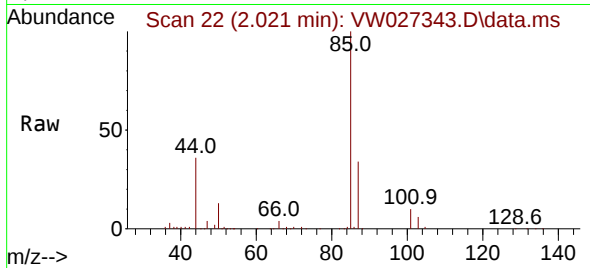
Reviewed By : Semsettin Yesilyurt 10/20/2023
 Supervised By : Mahesh Dadoda 10/20/2023





#2
 Dichlorodifluoromethane
 Concen: 19.595 ug/L m
 RT: 2.021 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VW027343.D
 Acq: 19 Oct 2023 13:14

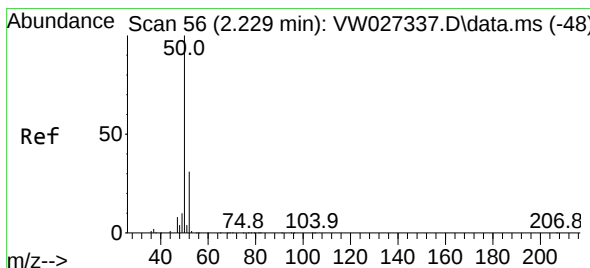
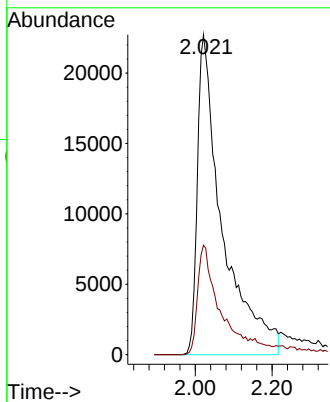
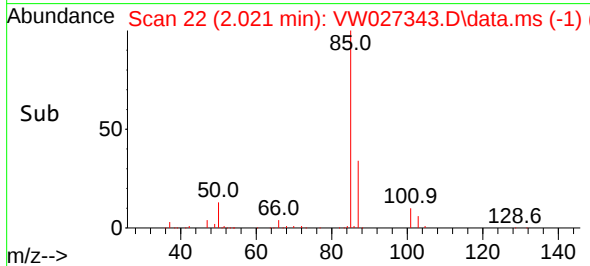
Instrument :
 MSVOA_W
 ClientSampleId :
 EOAS3MS



Tgt Ion: 85 Resp: 101900
 Ion Ratio Lower Upper
 85 100
 87 29.2 18.3 27.5

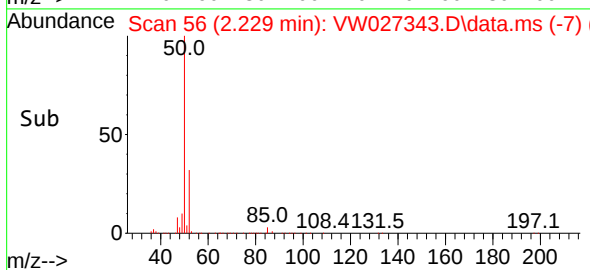
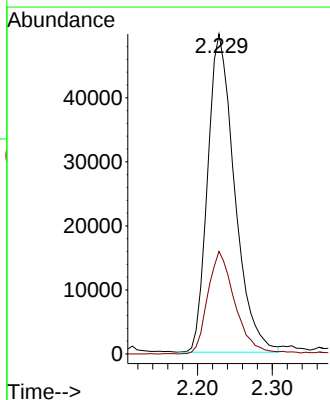
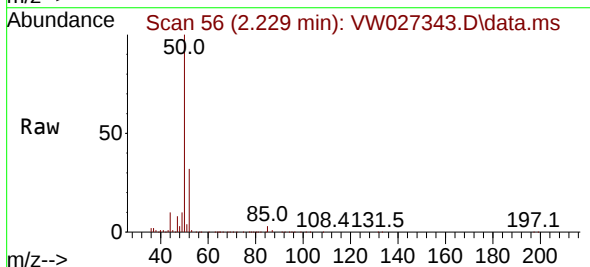
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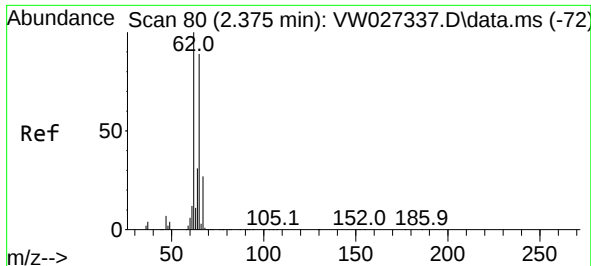
Reviewed By :Semsettin Yesilyurt 10/20/2023
 Supervised By :Mahesh Dadoda 10/20/2023



#3
 Chloromethane
 Concen: 20.854 ug/L
 RT: 2.229 min Scan# 56
 Delta R.T. -0.000 min
 Lab File: VW027343.D
 Acq: 19 Oct 2023 13:14

Tgt Ion: 50 Resp: 124636
 Ion Ratio Lower Upper
 50 100
 52 32.0 22.7 42.3





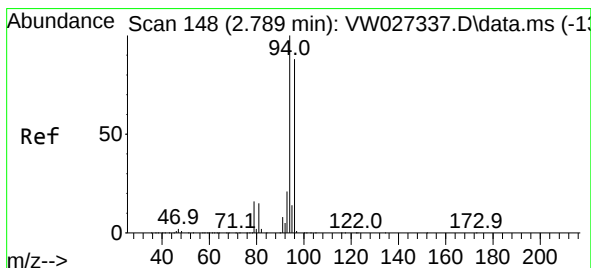
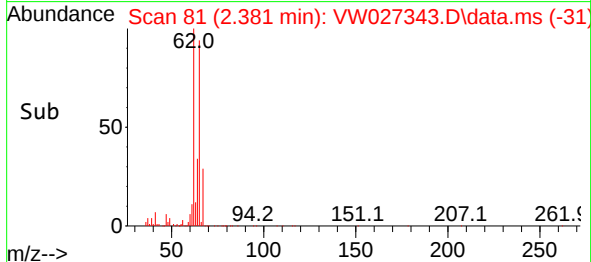
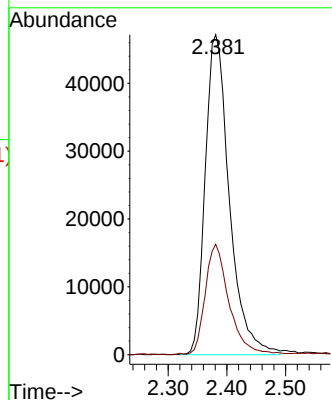
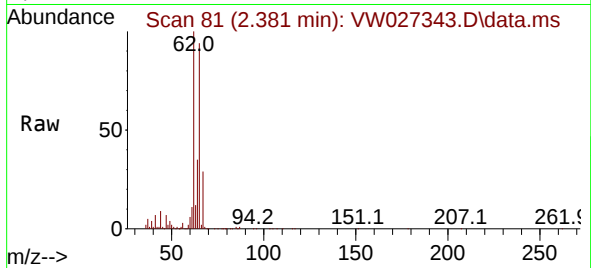
#5
 Vinyl chloride
 Concen: 20.187 ug/L
 RT: 2.381 min Scan# 81
 Delta R.T. 0.006 min
 Lab File: VW027343.D
 Acq: 19 Oct 2023 13:14

Instrument :
 MSVOA_W
 ClientSampleId :
 EOAS3MS

Tgt Ion: 62 Resp: 134772
 Ion Ratio Lower Upper
 62 100
 64 34.5 23.8 44.2

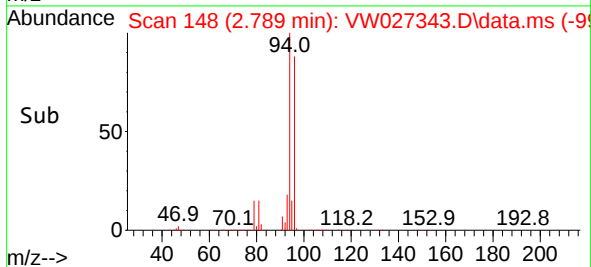
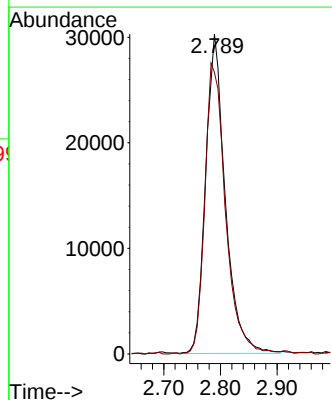
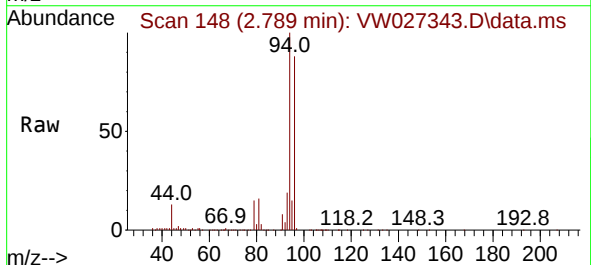
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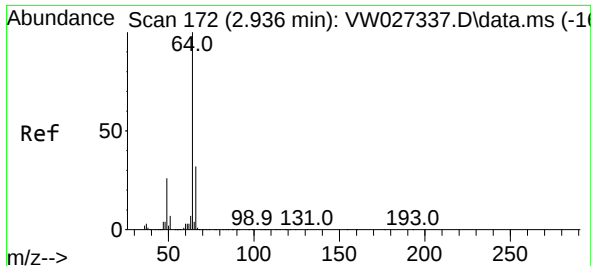
Reviewed By :Semsettin Yesilyurt 10/20/2023
 Supervised By :Mahesh Dadoda 10/20/2023



#6
 Bromomethane
 Concen: 19.185 ug/L
 RT: 2.789 min Scan# 148
 Delta R.T. -0.000 min
 Lab File: VW027343.D
 Acq: 19 Oct 2023 13:14

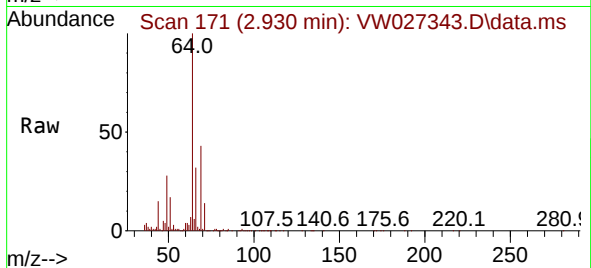
Tgt Ion: 94 Resp: 72952
 Ion Ratio Lower Upper
 94 100
 96 87.9 62.9 116.9





#8
Chloroethane
Concen: 20.713 ug/L
RT: 2.930 min Scan# 171
Delta R.T. -0.006 min
Lab File: VW027343.D
Acq: 19 Oct 2023 13:14

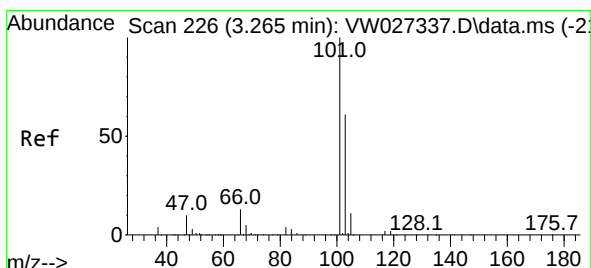
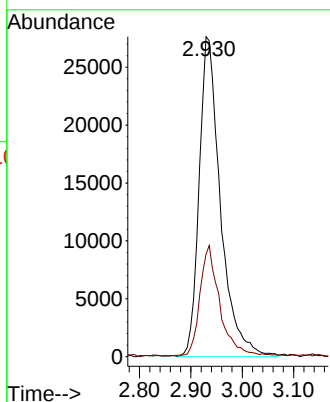
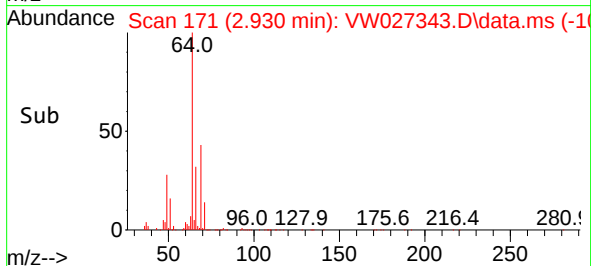
Instrument :
MSVOA_W
ClientSampleId :
EOAS3MS



Tgt Ion: 64 Resp: 7959
Ion Ratio Lower Upper
64 100
66 32.0 21.7 40.3

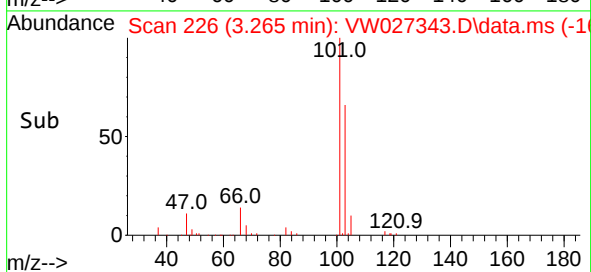
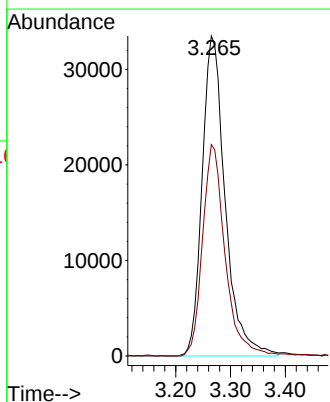
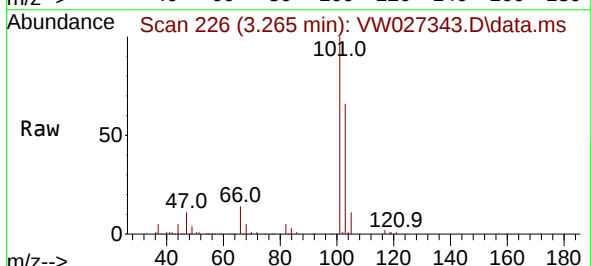
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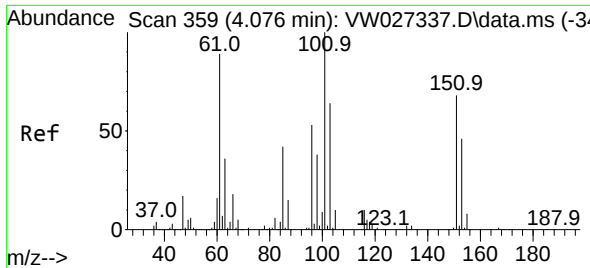
Reviewed By :Semsettin Yesilyurt 10/20/2023
Supervised By :Mahesh Dadoda 10/20/2023



#9
Trichlorofluoromethane
Concen: 20.739 ug/L
RT: 3.265 min Scan# 226
Delta R.T. -0.000 min
Lab File: VW027343.D
Acq: 19 Oct 2023 13:14

Tgt Ion:101 Resp: 97681
Ion Ratio Lower Upper
101 100
103 64.2 51.6 77.4





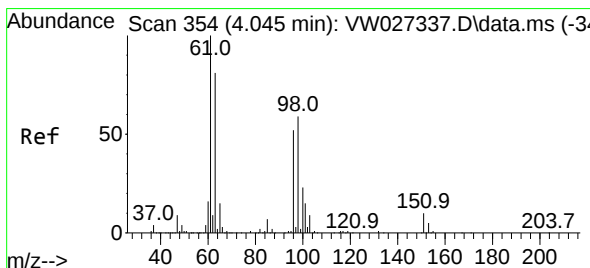
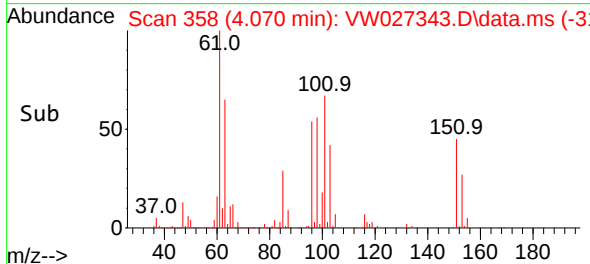
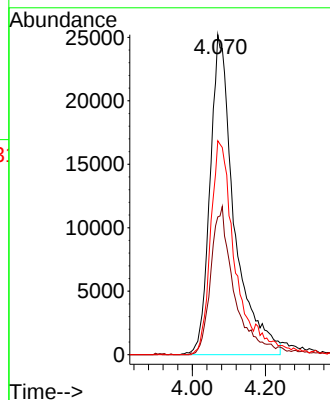
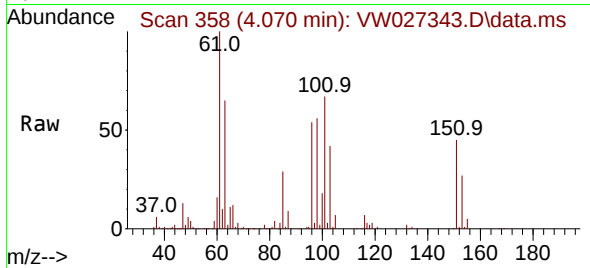
#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 19.618 ug/L
 RT: 4.070 min Scan# 359
 Delta R.T. -0.006 min
 Lab File: VW027343.D
 Acq: 19 Oct 2023 13:14

Instrument :
 MSVOA_W
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Tgt Ion: 101 Resp: 115704
 Ion Ratio Lower Upper
 101 100
 85 43.4 34.1 51.1
 151 62.7 49.5 74.3

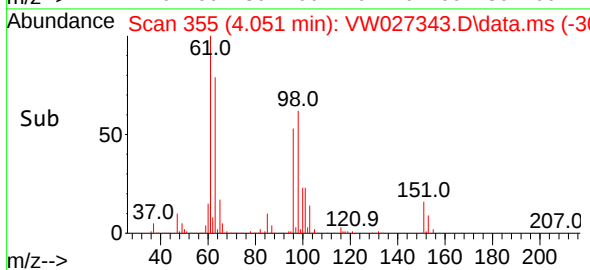
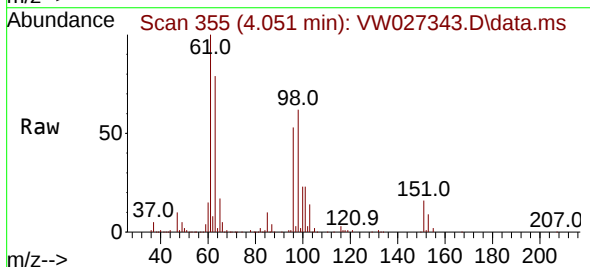
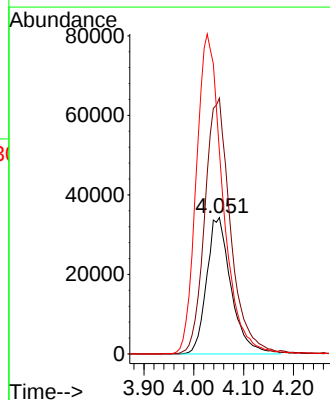
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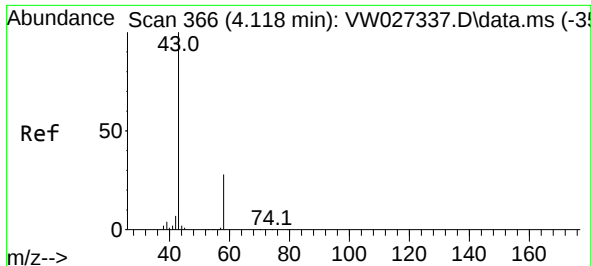
Reviewed By : Semsettin Yesilyurt 10/20/2023
 Supervised By : Mahesh Dadoda 10/20/2023



#12
 1,1-Dichloroethene
 Concen: 20.456 ug/L
 RT: 4.051 min Scan# 355
 Delta R.T. 0.006 min
 Lab File: VW027343.D
 Acq: 19 Oct 2023 13:14

Tgt Ion: 96 Resp: 117246
 Ion Ratio Lower Upper
 96 100
 61 187.7 133.3 247.5
 63 148.8 115.8 215.2





#13

Acetone

Concen: 52.967 ug/L

RT: 4.131 min Scan# 368

Delta R.T. 0.012 min

Lab File: VW027343.D

Acq: 19 Oct 2023 13:14

Instrument :

MSVOA_W

ClientSampleId :

EOAS3MS

Tgt Ion: 43 Resp: 10143

Ion Ratio Lower Upper

43 100

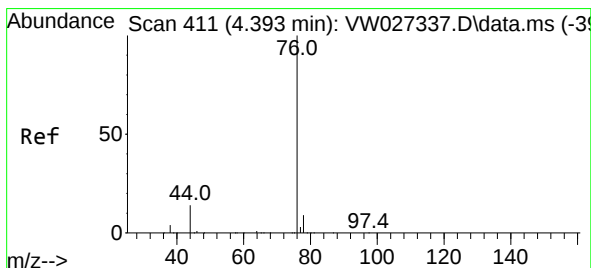
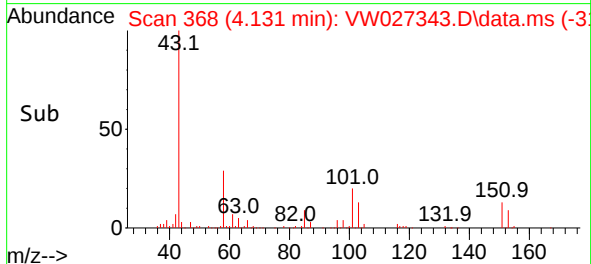
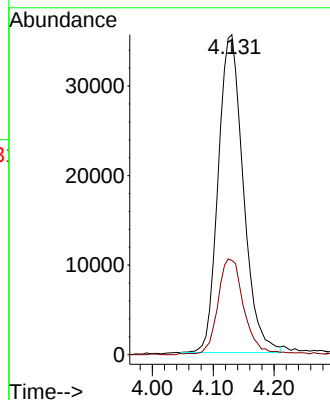
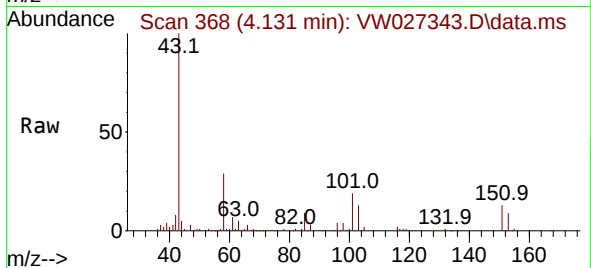
58 29.8 0.0 60.8

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#14

Carbon disulfide

Concen: 17.964 ug/L

RT: 4.393 min Scan# 411

Delta R.T. -0.000 min

Lab File: VW027343.D

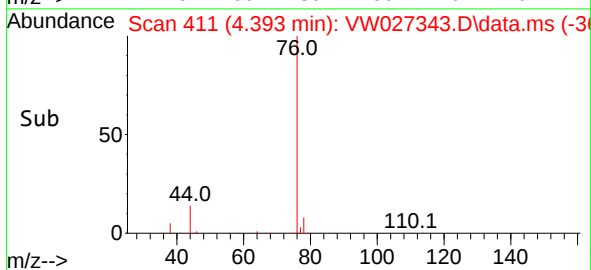
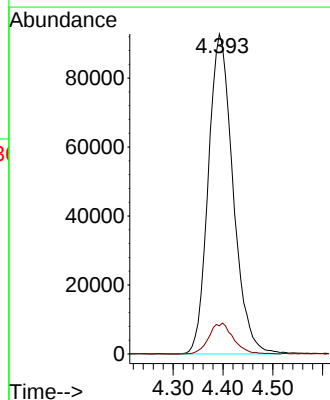
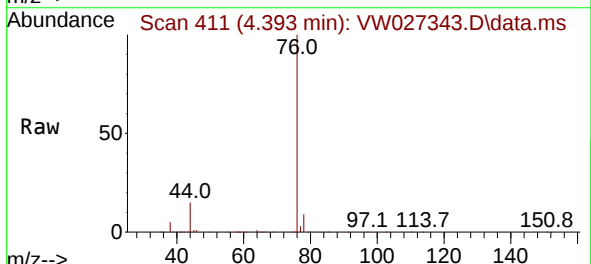
Acq: 19 Oct 2023 13:14

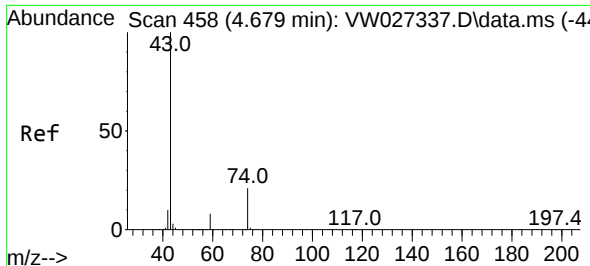
Tgt Ion: 76 Resp: 319199

Ion Ratio Lower Upper

76 100

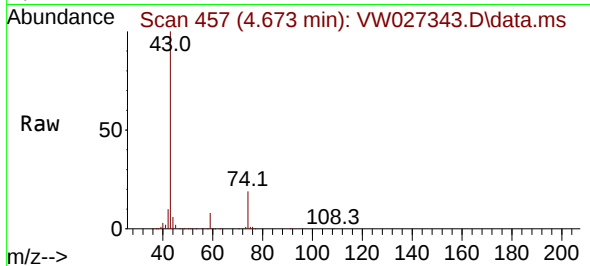
78 8.8 7.2 10.8





#15
Methyl Acetate
Concen: 24.764 ug/L
RT: 4.673 min Scan# 457
Delta R.T. -0.006 min
Lab File: VW027343.D
Acq: 19 Oct 2023 13:14

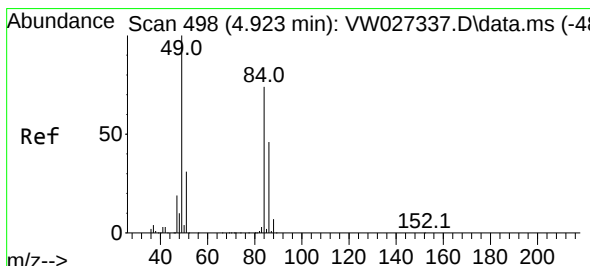
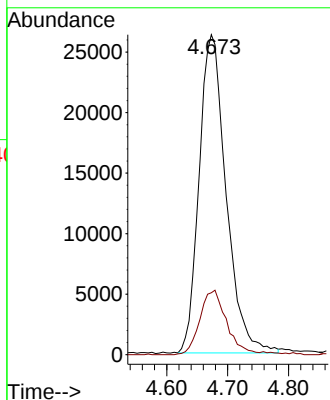
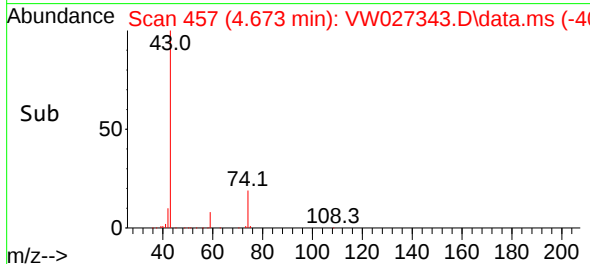
Instrument :
MSVOA_W
ClientSampleId :
EOAS3MS



Tgt Ion: 43 Resp: 80990
Ion Ratio Lower Upper
43 100
74 20.0 17.5 26.3

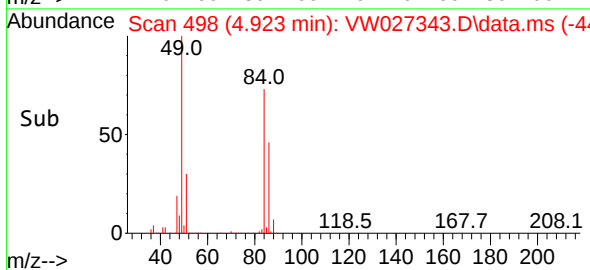
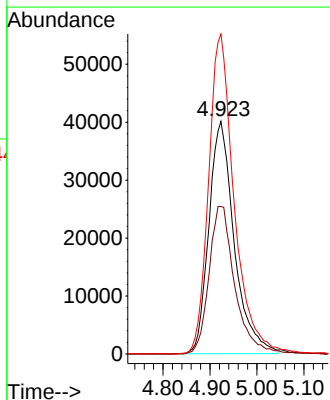
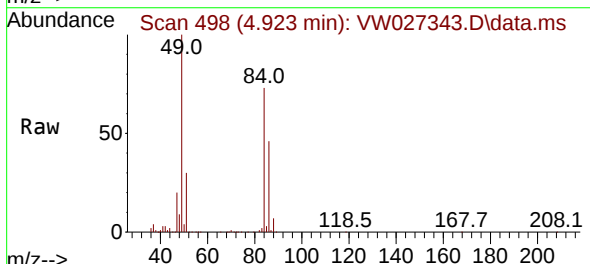
Manual Integrations
APPROVED

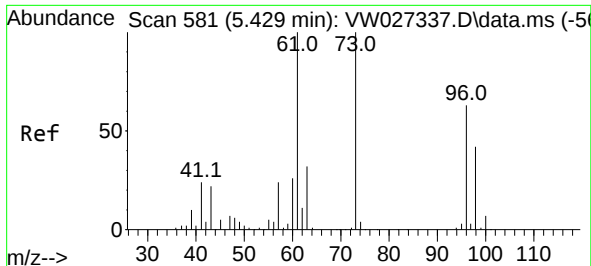
Reviewed By :Semsettin Yesilyurt 10/20/2023
Supervised By :Mahesh Dadoda 10/20/2023



#16
Methylene chloride
Concen: 18.778 ug/L
RT: 4.923 min Scan# 498
Delta R.T. -0.000 min
Lab File: VW027343.D
Acq: 19 Oct 2023 13:14

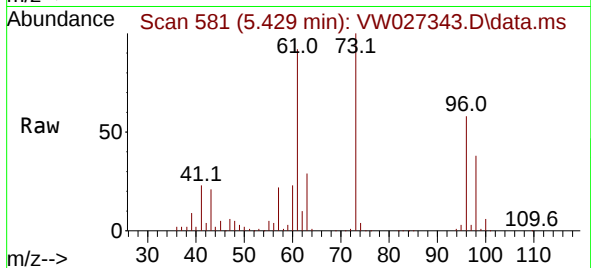
Tgt Ion: 84 Resp: 150244
Ion Ratio Lower Upper
84 100
86 63.4 41.3 76.7
49 137.5 92.8 172.4





#17
trans-1,2-Dichloroethene
Concen: 20.032 ug/L
RT: 5.429 min Scan# 581
Delta R.T. -0.000 min
Lab File: VW027343.D
Acq: 19 Oct 2023 13:14

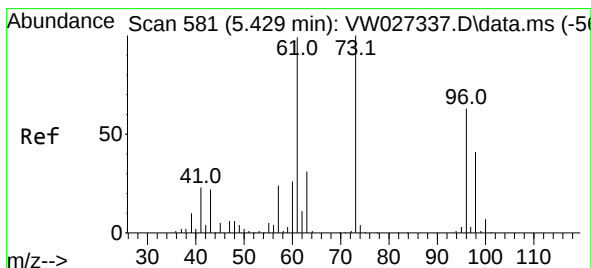
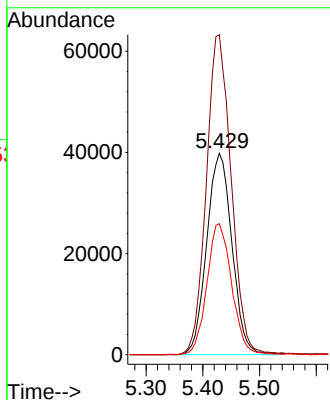
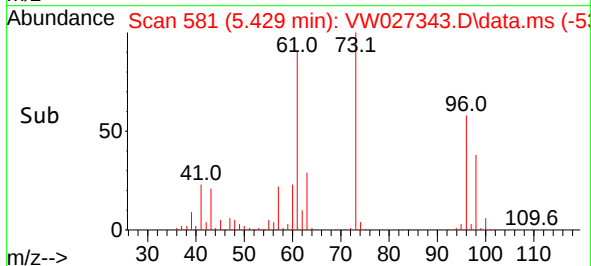
Instrument :
MSVOA_W
ClientSampleId :
EOAS3MS



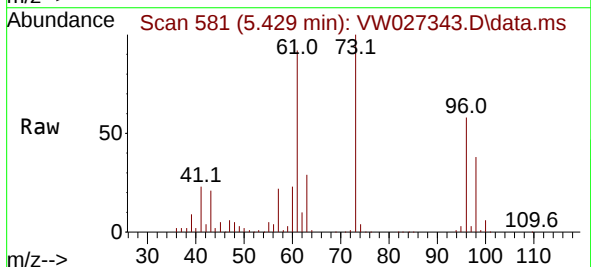
Tgt Ion: 96 Resp: 123392
Ion Ratio Lower Upper
96 100
61 158.8 105.6 196.0
98 65.1 45.0 83.6

Manual Integrations
APPROVED

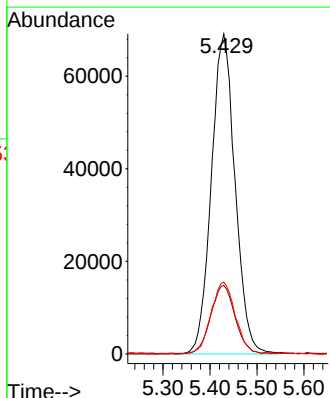
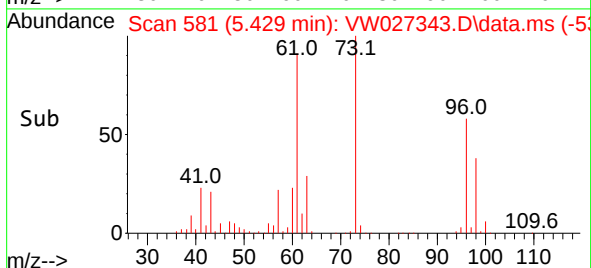
Reviewed By :Semsettin Yesilyurt 10/20/2023
Supervised By :Mahesh Dadoda 10/20/2023

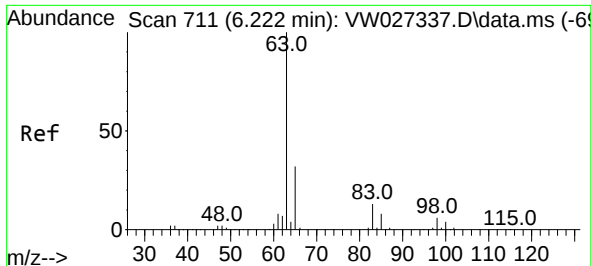


#18
Methyl tert-butyl Ether
Concen: 22.803 ug/L
RT: 5.429 min Scan# 581
Delta R.T. -0.000 min
Lab File: VW027343.D
Acq: 19 Oct 2023 13:14



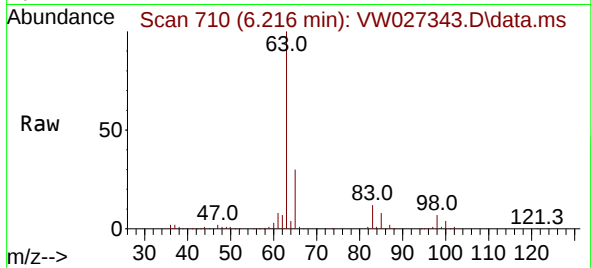
Tgt Ion: 73 Resp: 242339
Ion Ratio Lower Upper
73 100
43 21.8 17.7 26.5
57 23.1 18.5 27.7





#19
1,1-Dichloroethane
Concen: 21.279 ug/L
RT: 6.216 min Scan# 711
Delta R.T. -0.006 min
Lab File: VW027343.D
Acq: 19 Oct 2023 13:14

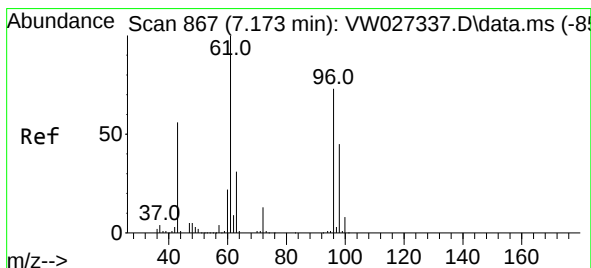
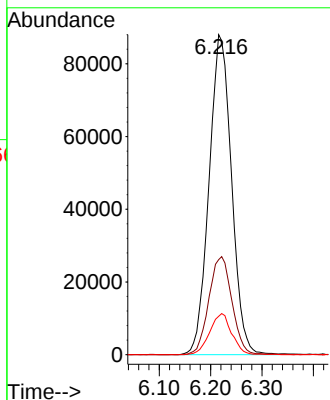
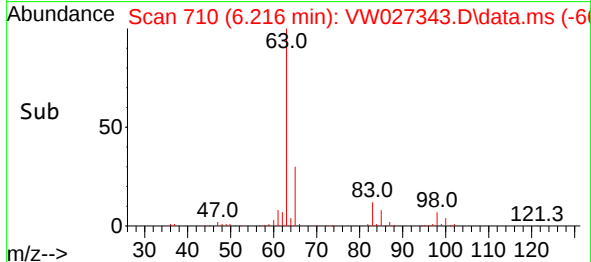
Instrument :
MSVOA_W
ClientSampleId :
EOAS3MS



Tgt Ion: 63 Resp: 26742
Ion Ratio Lower Upper
63 100
65 29.7 22.9 42.5
83 12.0 9.6 17.8

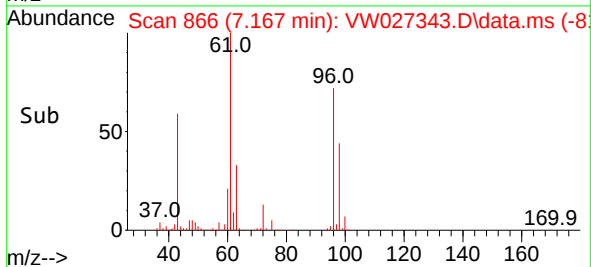
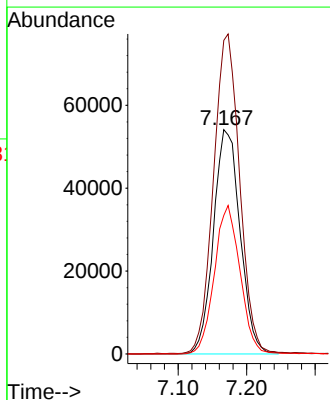
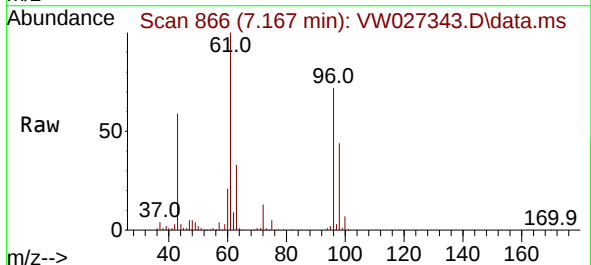
Manual Integrations
APPROVED

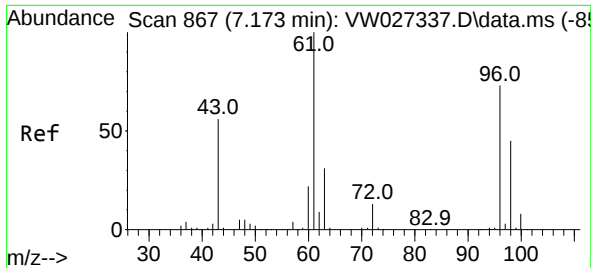
Reviewed By :Semsettin Yesilyurt 10/20/2023
Supervised By :Mahesh Dadoda 10/20/2023



#20
cis-1,2-Dichloroethene
Concen: 20.988 ug/L
RT: 7.167 min Scan# 866
Delta R.T. -0.006 min
Lab File: VW027343.D
Acq: 19 Oct 2023 13:14

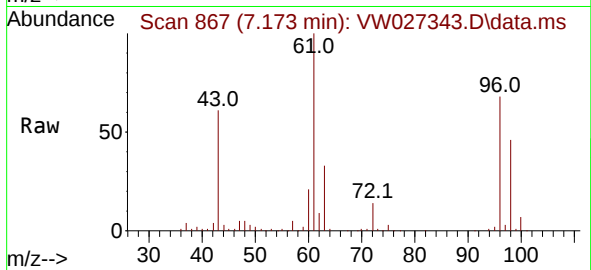
Tgt Ion: 96 Resp: 145998
Ion Ratio Lower Upper
96 100
61 139.9 96.2 178.8
98 61.8 46.0 85.4





#22
2-Butanone
Concen: 44.773 ug/L
RT: 7.173 min Scan# 867
Delta R.T. -0.000 min
Lab File: VW027343.D
Acq: 19 Oct 2023 13:14

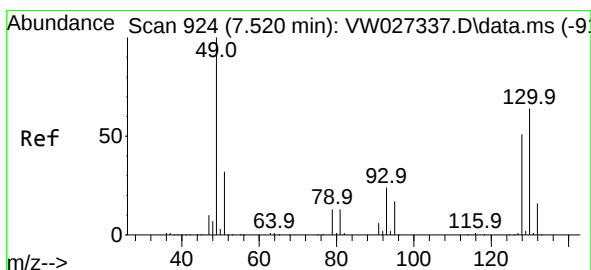
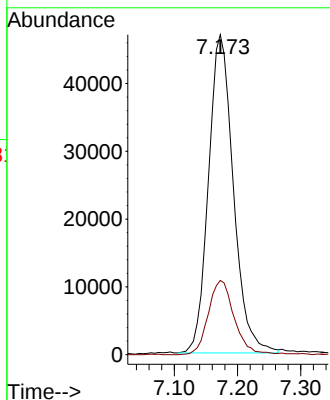
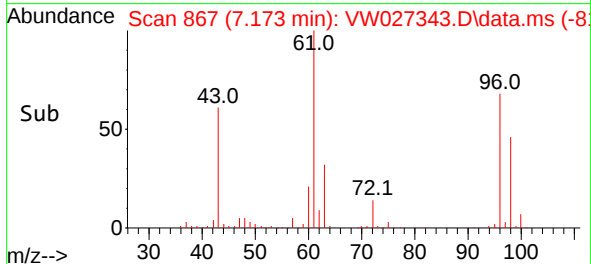
Instrument :
MSVOA_W
ClientSampleId :
EOAS3MS



Tgt Ion: 43 Resp: 12833
Ion Ratio Lower Upper
43 100
72 24.2 12.3 36.8

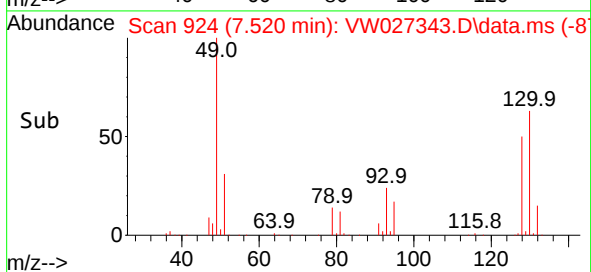
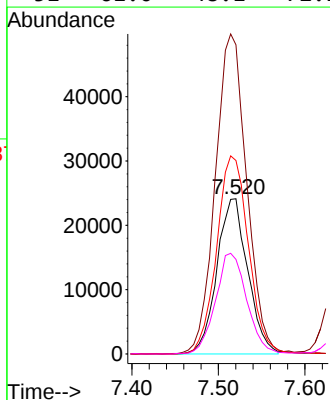
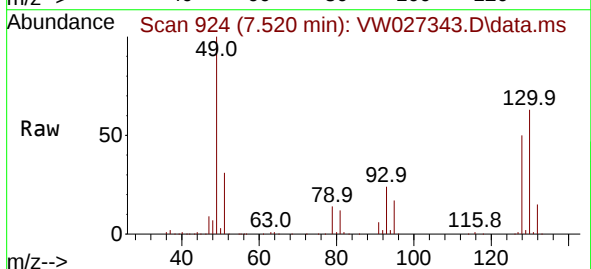
Manual Integrations
APPROVED

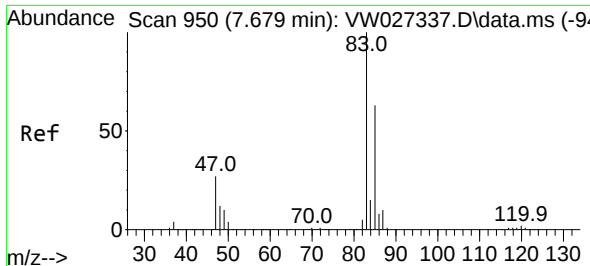
Reviewed By :Semsettin Yesilyurt 10/20/2023
Supervised By :Mahesh Dadoda 10/20/2023



#23
Bromochloromethane
Concen: 20.795 ug/L
RT: 7.520 min Scan# 924
Delta R.T. -0.000 min
Lab File: VW027343.D
Acq: 19 Oct 2023 13:14

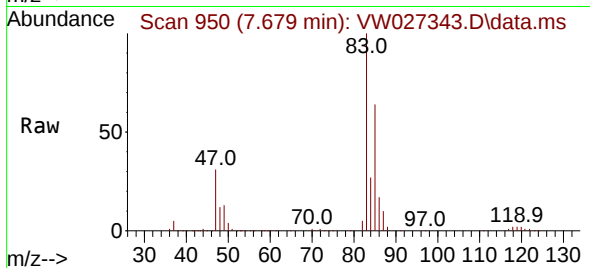
Tgt Ion:128 Resp: 59722
Ion Ratio Lower Upper
128 100
49 199.2 128.9 239.5
130 124.7 85.0 157.8
51 61.0 48.1 72.1





#25
Chloroform
Concen: 21.325 ug/L
RT: 7.679 min Scan# 950
Delta R.T. -0.000 min
Lab File: VW027343.D
Acq: 19 Oct 2023 13:14

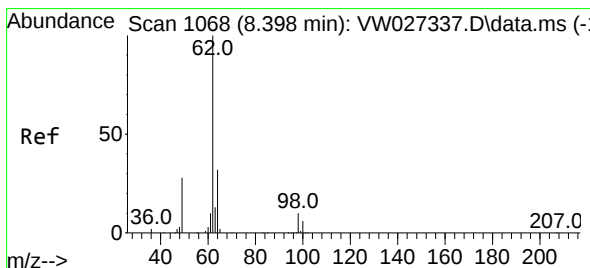
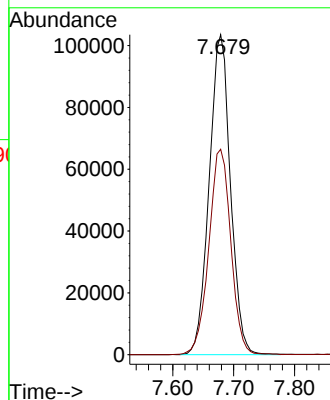
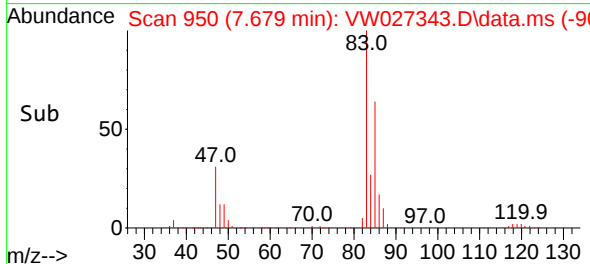
Instrument :
MSVOA_W
ClientSampleId :
EOAS3MS



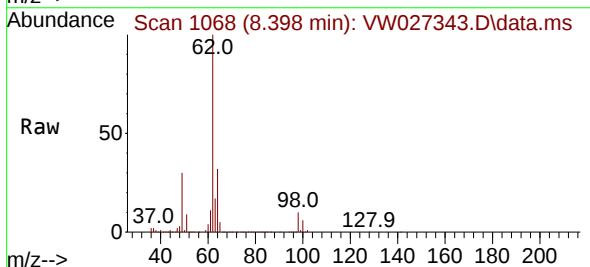
Tgt Ion: 83 Resp: 250832
Ion Ratio Lower Upper
83 100
85 64.2 44.1 81.9

Manual Integrations
APPROVED

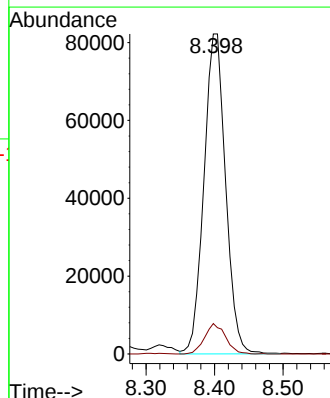
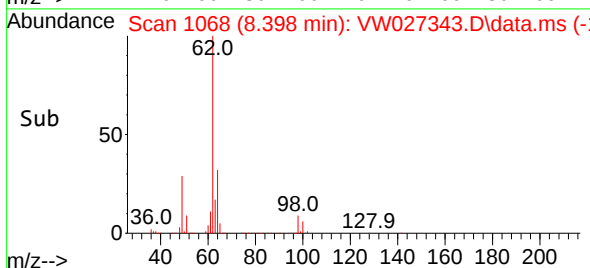
Reviewed By :Semsettin Yesilyurt 10/20/2023
Supervised By :Mahesh Dadoda 10/20/2023

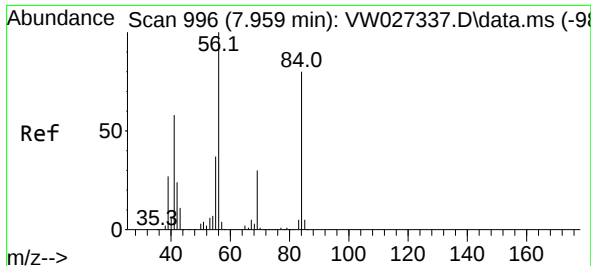


#27
1,2-Dichloroethane
Concen: 22.660 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. -0.000 min
Lab File: VW027343.D
Acq: 19 Oct 2023 13:14



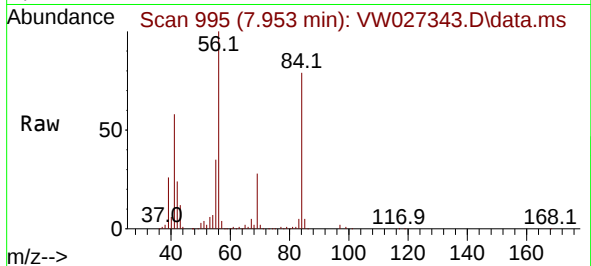
Tgt Ion: 62 Resp: 181056
Ion Ratio Lower Upper
62 100
98 9.5 7.5 11.3





#29
Cyclohexane
Concen: 19.376 ug/L
RT: 7.953 min Scan# 995
Delta R.T. -0.006 min
Lab File: VW027343.D
Acq: 19 Oct 2023 13:14

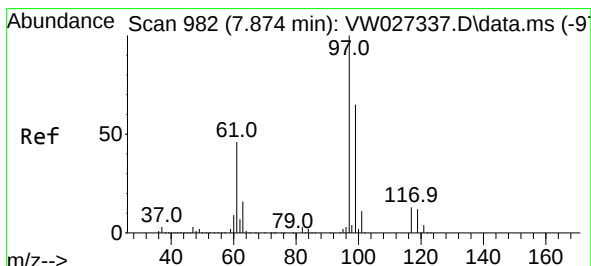
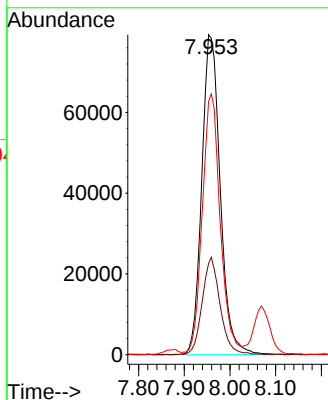
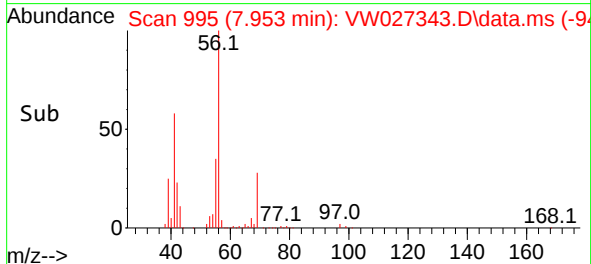
Instrument :
MSVOA_W
ClientSampleId :
EOAS3MS



Tgt Ion: 56 Resp: 222129
Ion Ratio Lower Upper
56 100
69 29.0 24.2 36.4
84 79.2 65.1 97.7

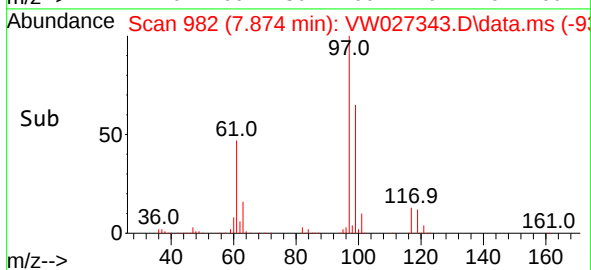
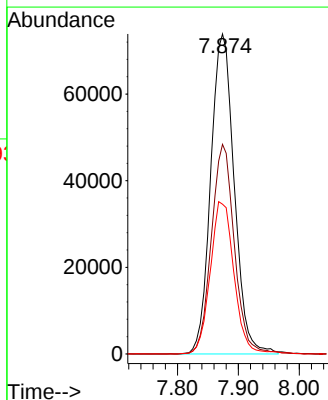
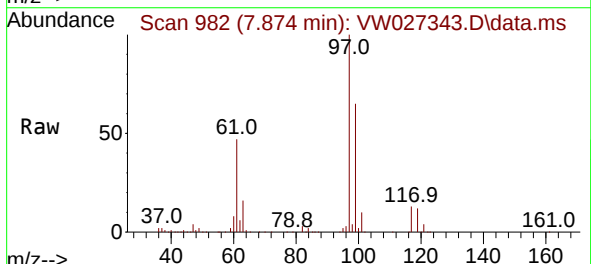
Manual Integrations
APPROVED

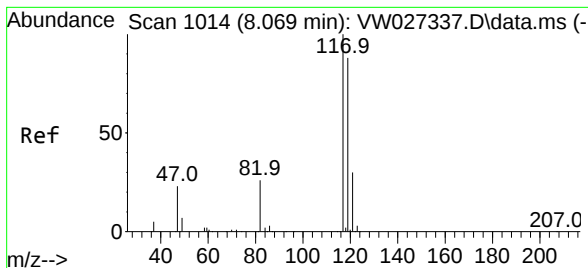
Reviewed By :Semsettin Yesilyurt 10/20/2023
Supervised By :Mahesh Dadoda 10/20/2023



#30
1,1,1-Trichloroethane
Concen: 21.505 ug/L
RT: 7.874 min Scan# 982
Delta R.T. -0.000 min
Lab File: VW027343.D
Acq: 19 Oct 2023 13:14

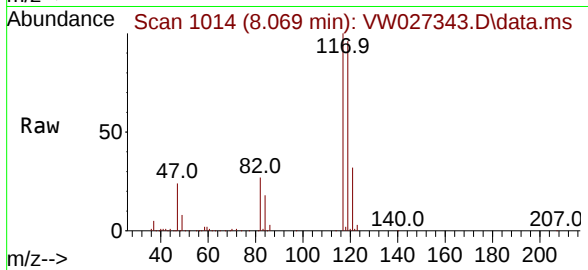
Tgt Ion: 97 Resp: 198067
Ion Ratio Lower Upper
97 100
99 64.3 51.4 77.0
61 48.1 37.4 56.0





#31
Carbon tetrachloride
Concen: 20.368 ug/L
RT: 8.069 min Scan# 1014
Delta R.T. -0.000 min
Lab File: VW027343.D
Acq: 19 Oct 2023 13:14

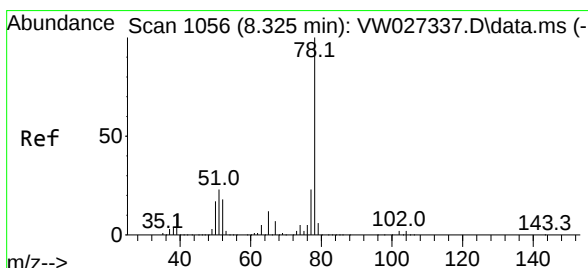
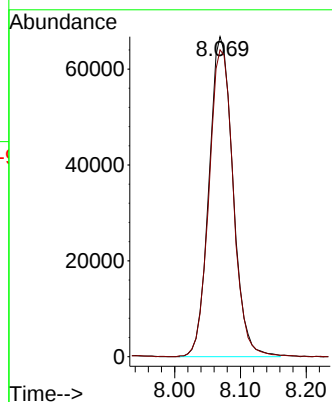
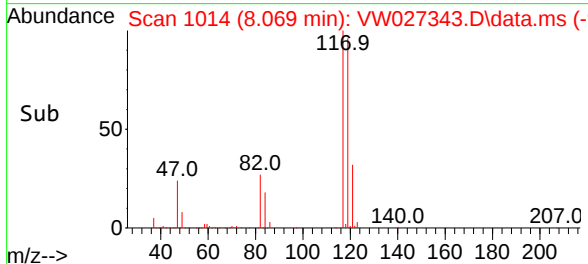
Instrument :
MSVOA_W
ClientSampleId :
EOAS3MS



Tgt Ion:117 Resp: 169149
Ion Ratio Lower Upper
117 100
119 97.5 77.1 115.7

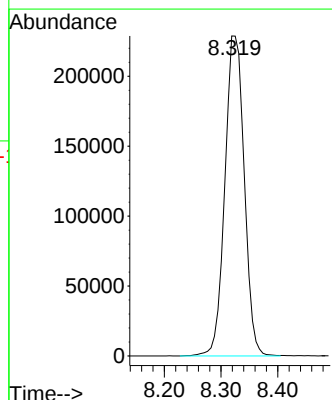
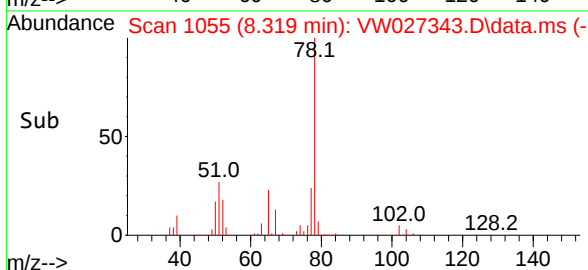
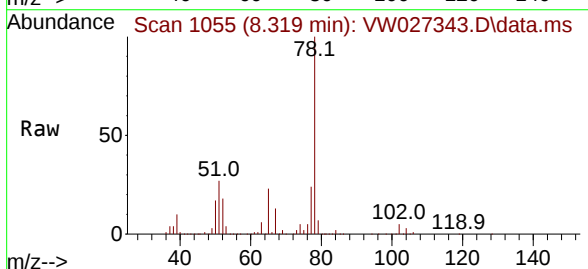
Manual Integrations
APPROVED

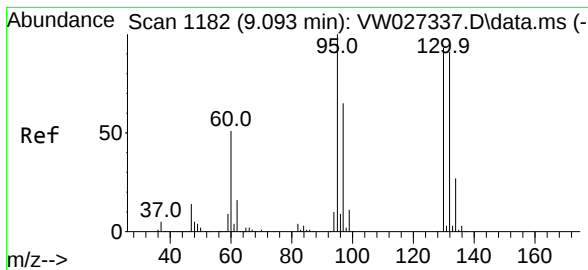
Reviewed By :Semsettin Yesilyurt 10/20/2023
Supervised By :Mahesh Dadoda 10/20/2023



#33
Benzene
Concen: 22.027 ug/L
RT: 8.319 min Scan# 1055
Delta R.T. -0.006 min
Lab File: VW027343.D
Acq: 19 Oct 2023 13:14

Tgt Ion: 78 Resp: 543531





#34

Trichloroethene

Concen: 21.058 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. -0.000 min

Lab File: VW027343.D

Acq: 19 Oct 2023 13:14

Instrument :

MSVOA_W

ClientSampleId :

EOAS3MS

Tgt Ion: 95 Resp: 13725

Ion Ratio Lower Upper

95 100

97 61.7 43.4 80.6

132 84.8 67.6 125.6

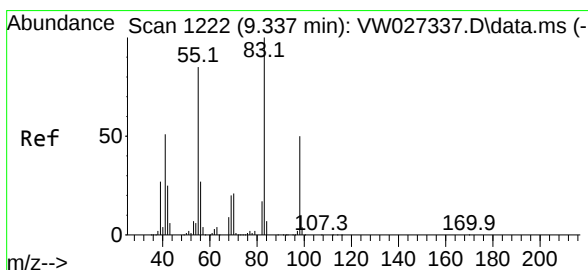
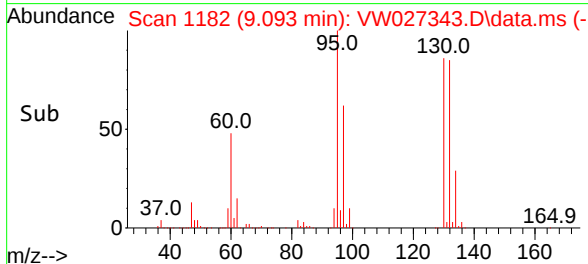
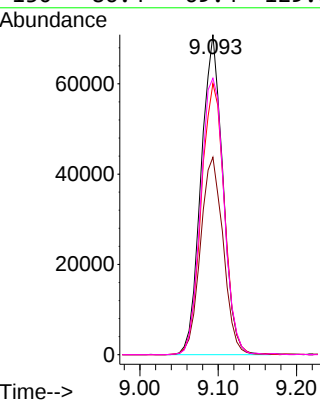
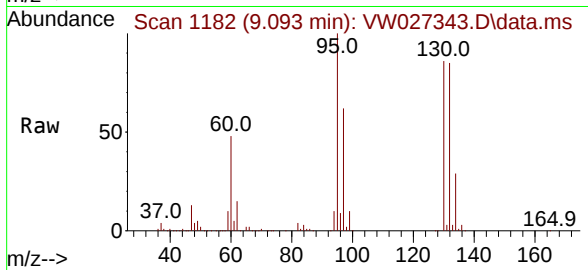
130 86.4 69.4 129.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/20/2023

Supervised By :Mahesh Dadoda 10/20/2023



#35

Methylcyclohexane

Concen: 16.708 ug/L

RT: 9.337 min Scan# 1222

Delta R.T. -0.000 min

Lab File: VW027343.D

Acq: 19 Oct 2023 13:14

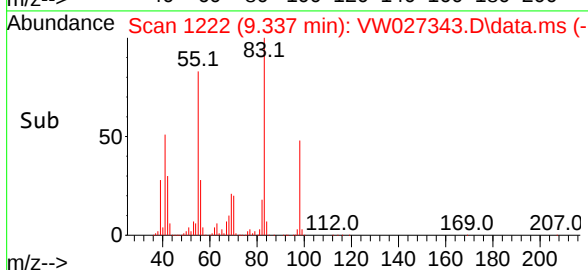
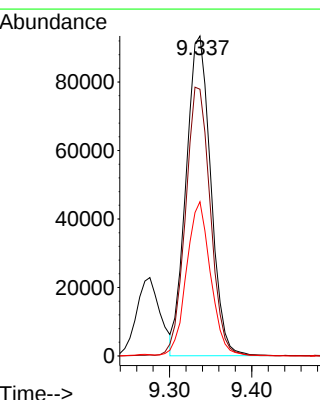
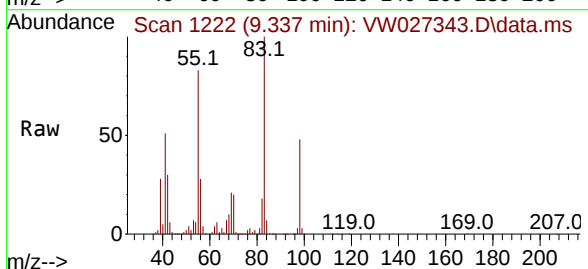
Tgt Ion: 83 Resp: 194744

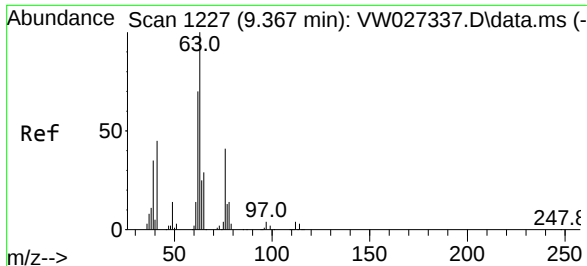
Ion Ratio Lower Upper

83 100

55 84.0 65.8 98.8

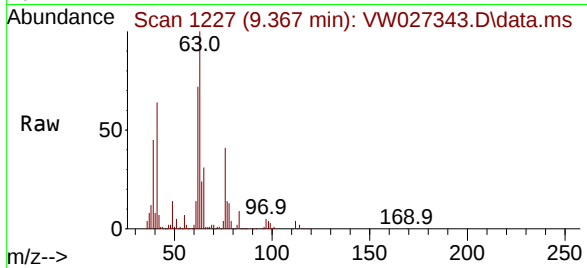
98 47.2 38.1 57.1





#37
1,2-Dichloropropane
Concen: 23.080 ug/L
RT: 9.367 min Scan# 112
Delta R.T. -0.000 min
Lab File: VW027343.D
Acq: 19 Oct 2023 13:14

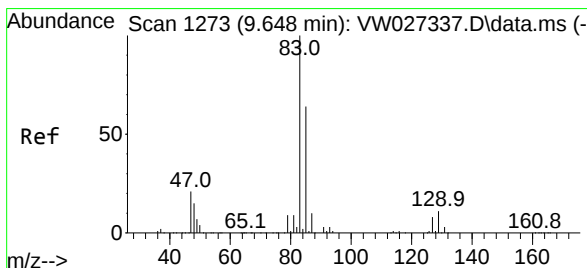
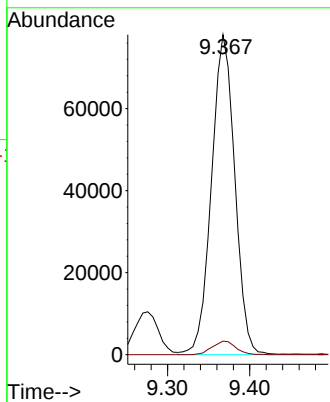
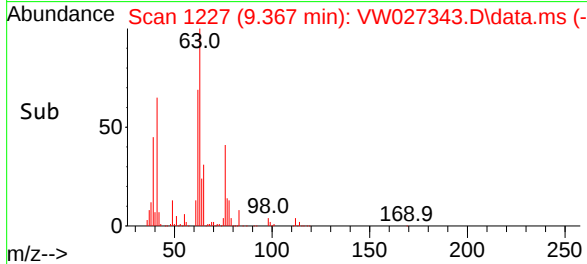
Instrument :
MSVOA_W
ClientSampleId :
EOAS3MS



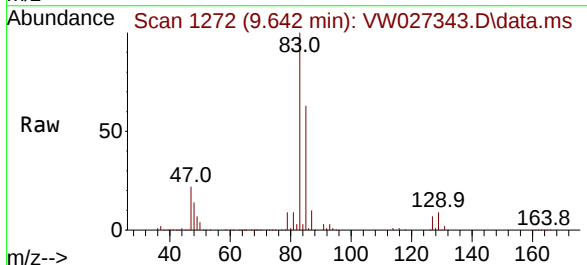
Tgt Ion: 63 Resp: 153989
Ion Ratio Lower Upper
63 100
112 4.3 3.5 5.3

Manual Integrations
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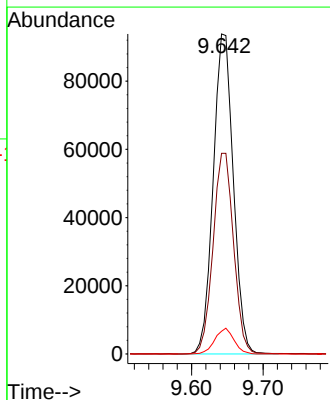
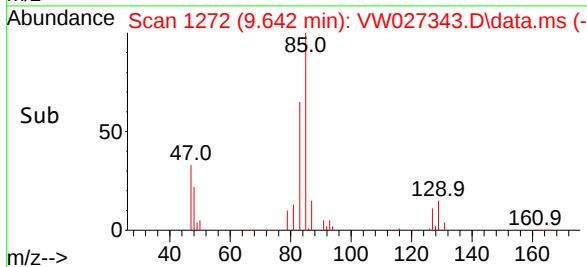
Reviewed By :Semsettin Yesilyurt 10/20/2023
Supervised By :Mahesh Dadoda 10/20/2023

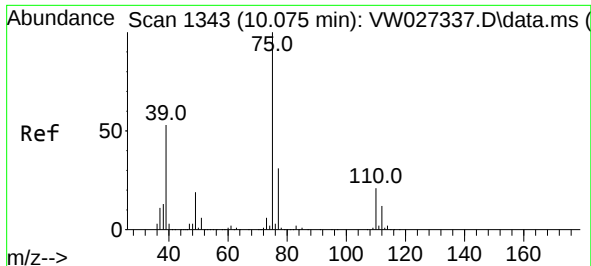


#38
Bromodichloromethane
Concen: 22.364 ug/L
RT: 9.642 min Scan# 1272
Delta R.T. -0.006 min
Lab File: VW027343.D
Acq: 19 Oct 2023 13:14



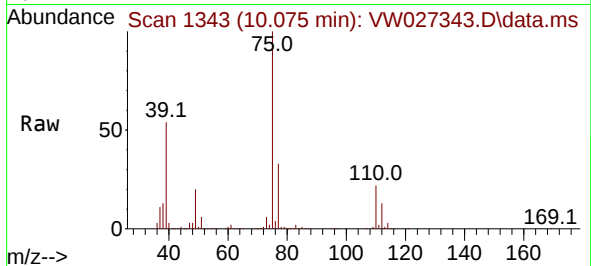
Tgt Ion: 83 Resp: 183472
Ion Ratio Lower Upper
83 100
85 62.7 43.9 81.5
127 7.1 6.2 9.2





#39
 cis-1,3-Dichloropropene
 Concen: 21.903 ug/L
 RT: 10.075 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VW027343.D
 Acq: 19 Oct 2023 13:14

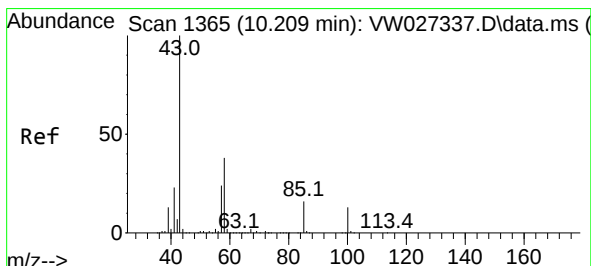
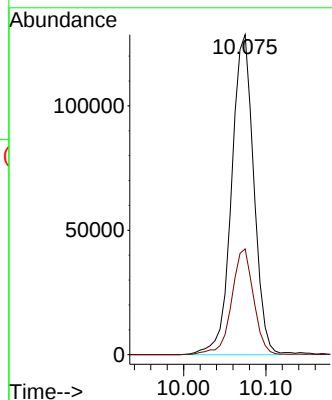
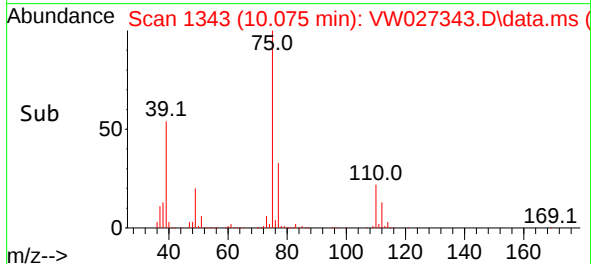
Instrument :
 MSVOA_W
 ClientSampleId :
 EOAS3MS



Tgt Ion: 75 Resp: 241394
 Ion Ratio Lower Upper
 75 100
 77 33.1 21.9 40.7

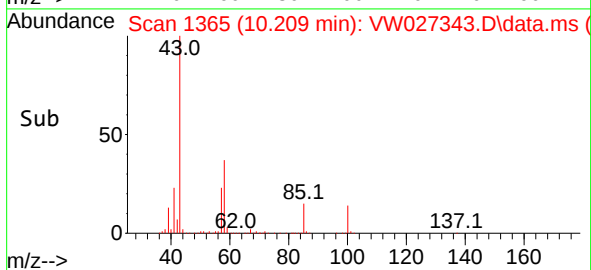
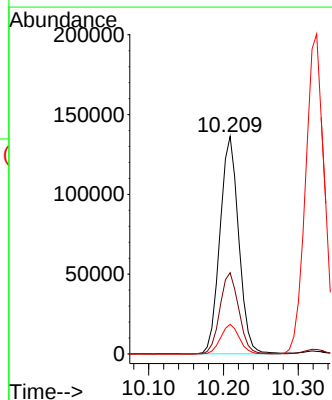
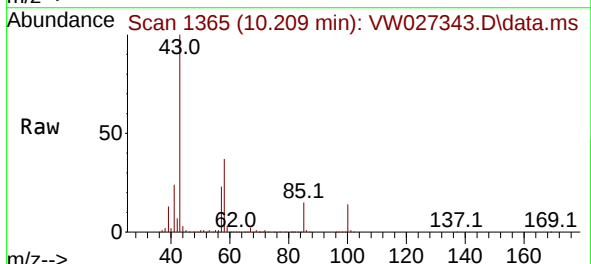
Manual Integrations
 APPROVED

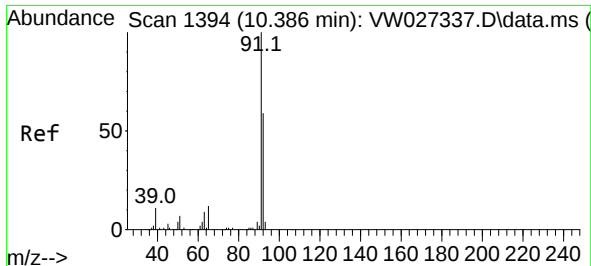
Reviewed By :Semsettin Yesilyurt 10/20/2023
 Supervised By :Mahesh Dadoda 10/20/2023



#40
 4-Methyl-2-pentanone
 Concen: 51.710 ug/L
 RT: 10.209 min Scan# 1365
 Delta R.T. -0.000 min
 Lab File: VW027343.D
 Acq: 19 Oct 2023 13:14

Tgt Ion: 43 Resp: 237264
 Ion Ratio Lower Upper
 43 100
 58 37.7 30.5 45.7
 100 13.6 11.5 17.3





#42

Toluene

Concen: 21.580 ug/L

RT: 10.386 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW027343.D

Acq: 19 Oct 2023 13:14

Instrument :

MSVOA_W

ClientSampleId :

EOAS3MS

Tgt Ion: 91 Resp: 55860

Ion Ratio Lower Upper

91 100

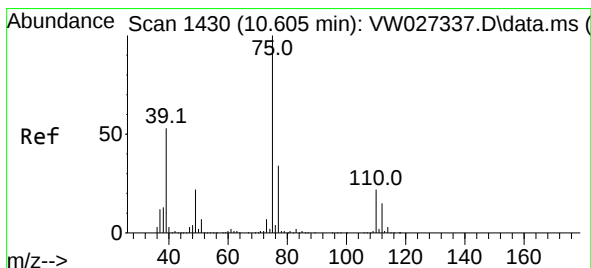
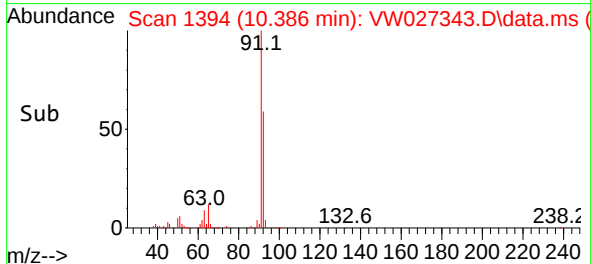
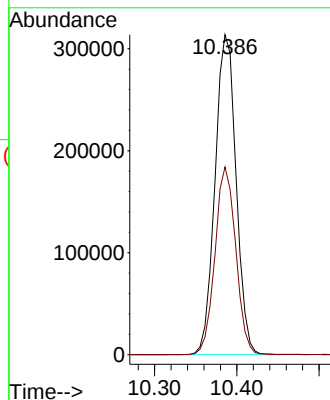
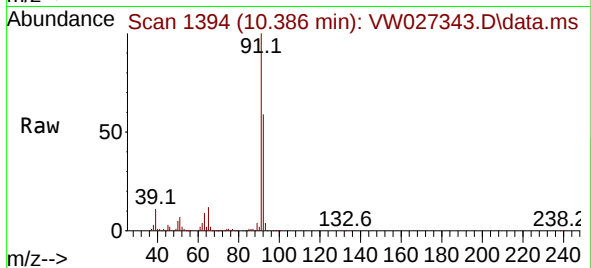
92 58.7 42.1 78.1

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/20/2023

Supervised By :Mahesh Dadoda 10/20/2023



#44

trans-1,3-Dichloropropene

Concen: 22.290 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VW027343.D

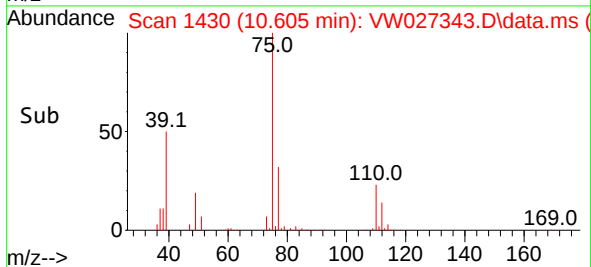
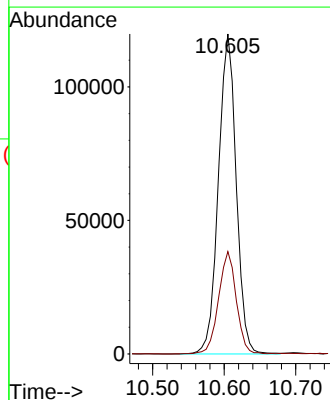
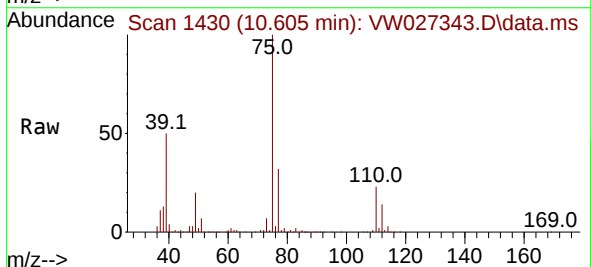
Acq: 19 Oct 2023 13:14

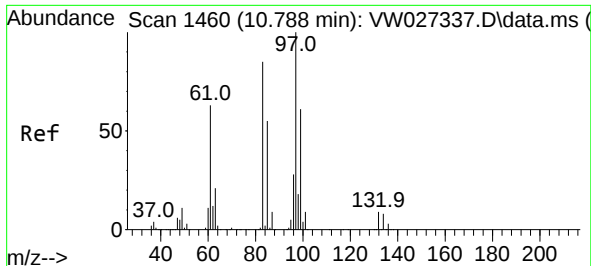
Tgt Ion: 75 Resp: 207282

Ion Ratio Lower Upper

75 100

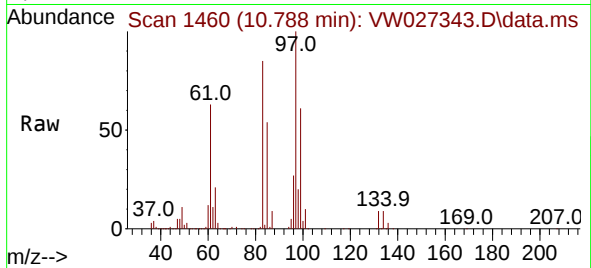
77 32.0 22.0 41.0





#45
1,1,2-Trichloroethane
Concen: 24.352 ug/L
RT: 10.788 min Scan# 1460
Delta R.T. -0.000 min
Lab File: VW027343.D
Acq: 19 Oct 2023 13:14

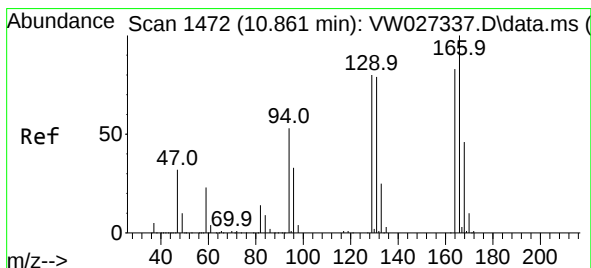
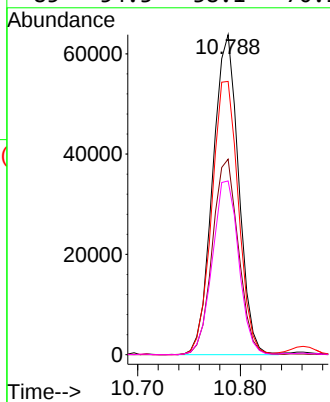
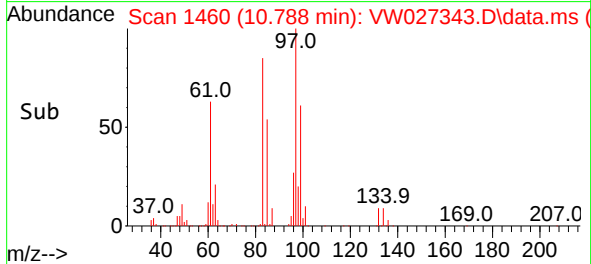
Instrument :
MSVOA_W
ClientSampleId :
EOAS3MS



Tgt Ion: 97 Resp: 11180
Ion Ratio Lower Upper
97 100
99 61.1 43.8 81.4
83 85.4 57.5 106.7
85 54.3 38.1 70.9

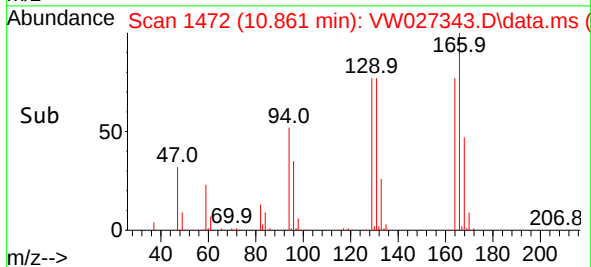
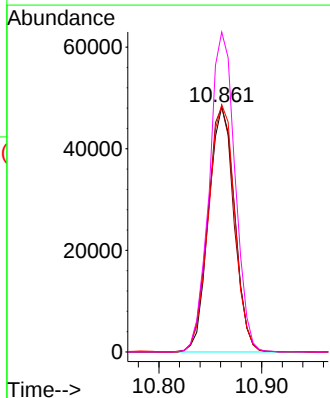
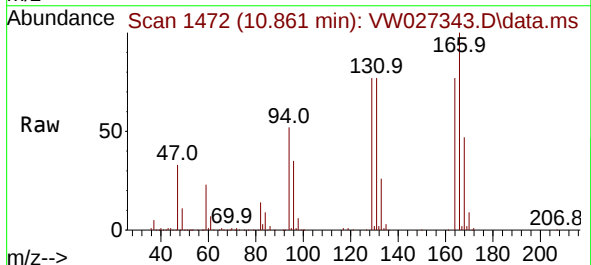
Manual Integrations
APPROVED

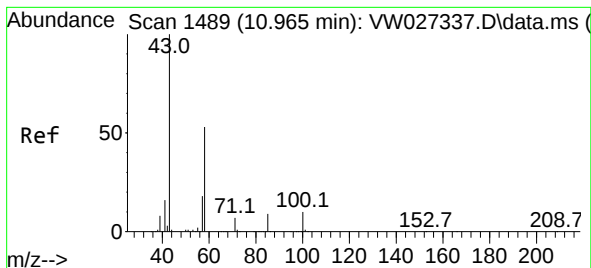
Reviewed By :Semsettin Yesilyurt 10/20/2023
Supervised By :Mahesh Dadoda 10/20/2023



#46
Tetrachloroethene
Concen: 18.812 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VW027343.D
Acq: 19 Oct 2023 13:14

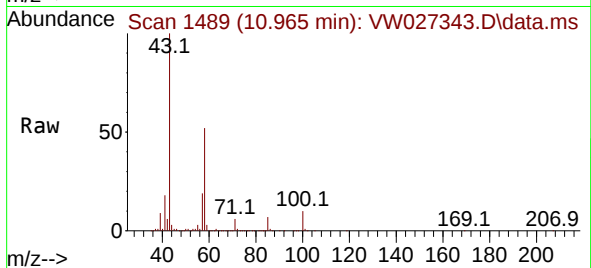
Tgt Ion:164 Resp: 84665
Ion Ratio Lower Upper
164 100
129 100.0 74.7 138.7
131 100.9 73.2 136.0
166 130.5 87.3 162.1





#48
2-Hexanone
Concen: 52.557 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VW027343.D
Acq: 19 Oct 2023 13:14

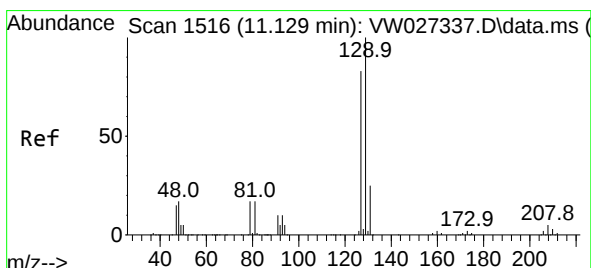
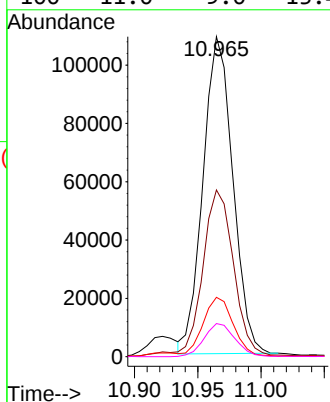
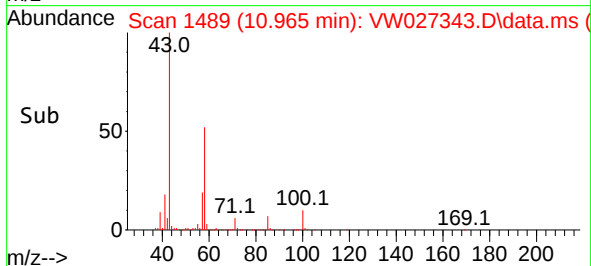
Instrument :
MSVOA_W
ClientSampleId :
EOAS3MS



Tgt Ion: 43 Resp: 17848
Ion Ratio Lower Upper
43 100
58 52.8 42.2 63.4
57 18.9 15.1 22.7
100 11.0 9.0 13.4

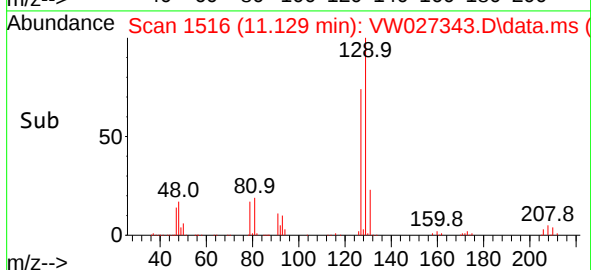
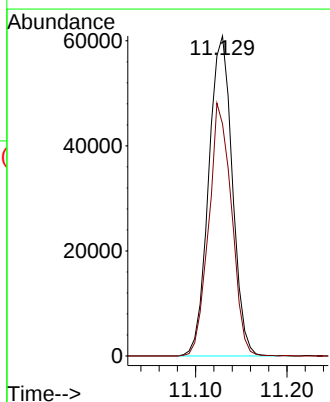
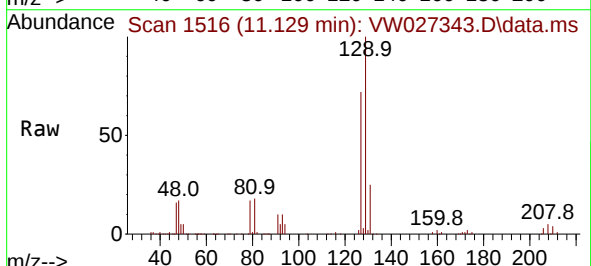
Manual Integrations
APPROVED

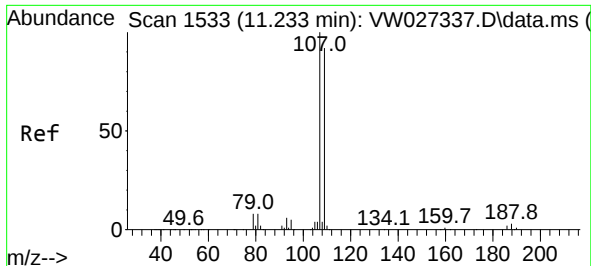
Reviewed By :Semsettin Yesilyurt 10/20/2023
Supervised By :Mahesh Dadoda 10/20/2023



#49
Dibromochloromethane
Concen: 21.462 ug/L
RT: 11.129 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VW027343.D
Acq: 19 Oct 2023 13:14

Tgt Ion:129 Resp: 109429
Ion Ratio Lower Upper
129 100
127 72.5 51.7 95.9





#50

1,2-Dibromoethane

Concen: 22.962 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. -0.000 min

Lab File: VW027343.D

Acq: 19 Oct 2023 13:14

Instrument :

MSVOA_W

ClientSampleId :

EOAS3MS

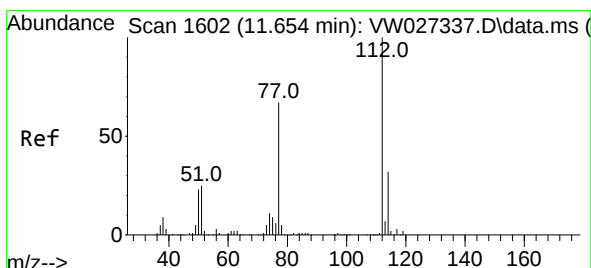
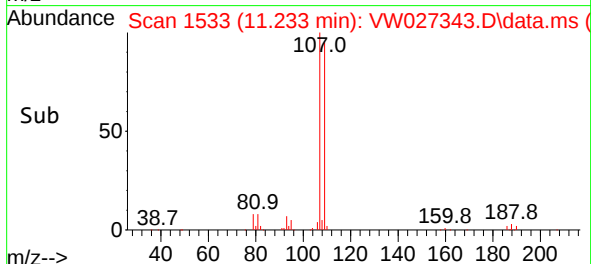
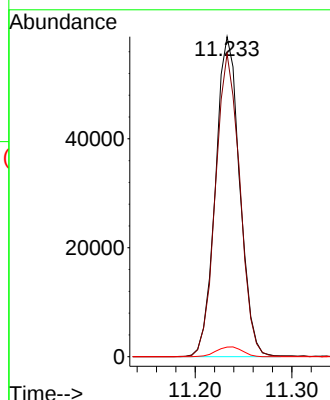
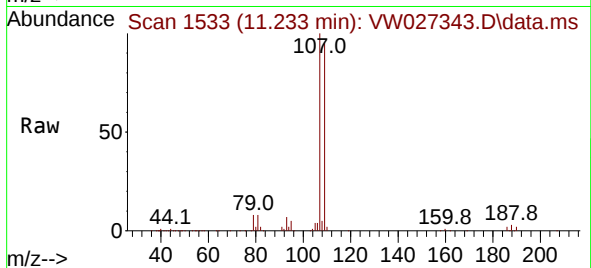
Tgt Ion:107 Resp: 10221

Ion	Ratio	Lower	Upper
107	100		
109	94.7	66.3	123.1
188	3.0	3.0	4.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/20/2023
Supervised By :Mahesh Dadoda 10/20/2023



#51

Chlorobenzene

Concen: 20.449 ug/L

RT: 11.654 min Scan# 1602

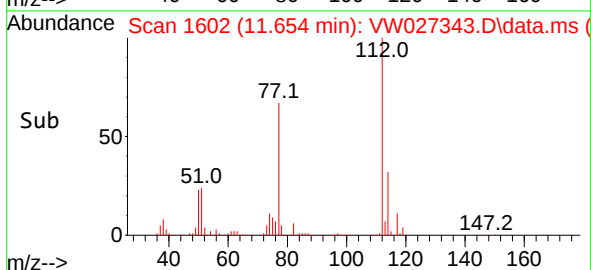
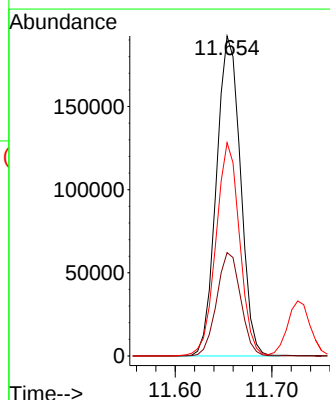
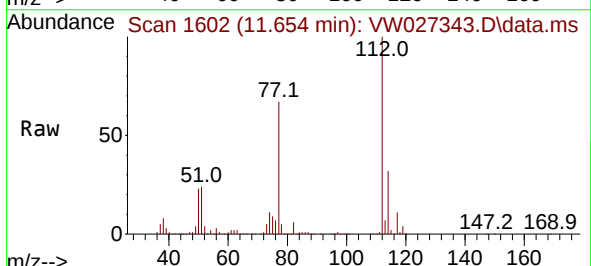
Delta R.T. -0.000 min

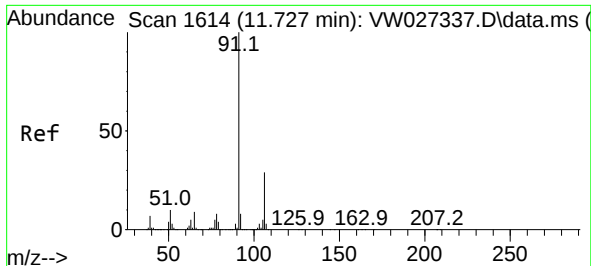
Lab File: VW027343.D

Acq: 19 Oct 2023 13:14

Tgt Ion:112 Resp: 331470

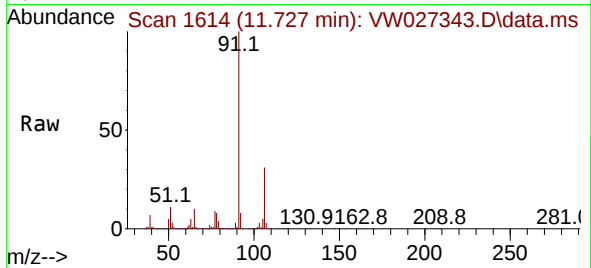
Ion	Ratio	Lower	Upper
112	100		
114	32.3	21.8	40.6
77	66.7	52.2	78.4





#52
Ethylbenzene
Concen: 20.071 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VW027343.D
Acq: 19 Oct 2023 13:14

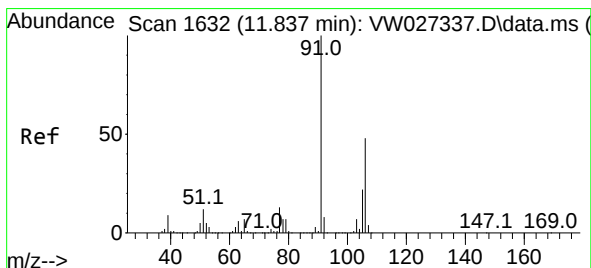
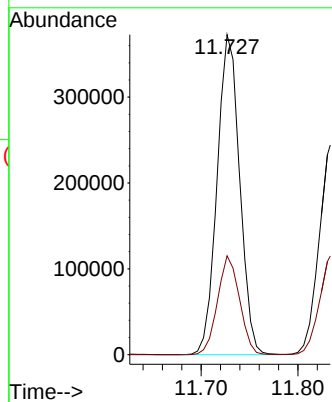
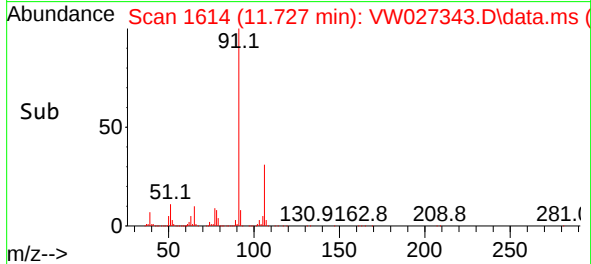
Instrument :
MSVOA_W
ClientSampleId :
EOAS3MS



Tgt Ion: 91 Resp: 60375
Ion Ratio Lower Upper
91 100
106 30.9 19.8 36.8

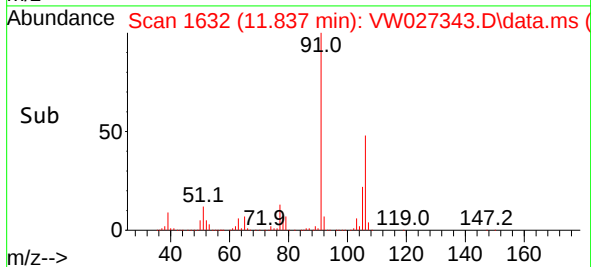
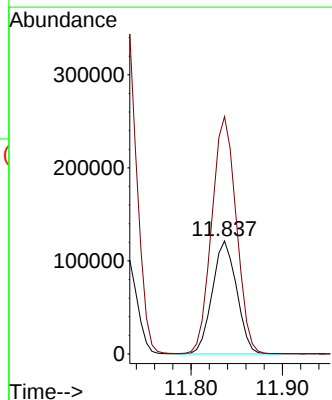
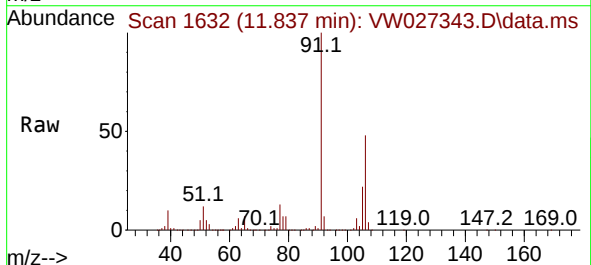
Manual Integrations
APPROVED

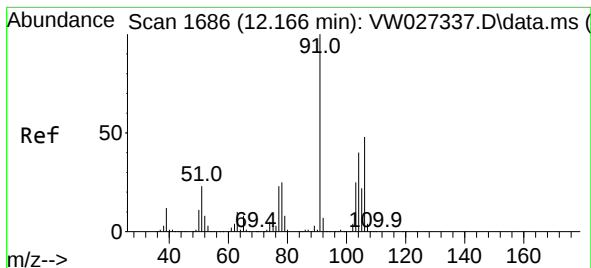
Reviewed By :Semsettin Yesilyurt 10/20/2023
Supervised By :Mahesh Dadoda 10/20/2023



#53
m,p-Xylene
Concen: 19.708 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. -0.000 min
Lab File: VW027343.D
Acq: 19 Oct 2023 13:14

Tgt Ion:106 Resp: 224847
Ion Ratio Lower Upper
106 100
91 210.2 144.5 268.4





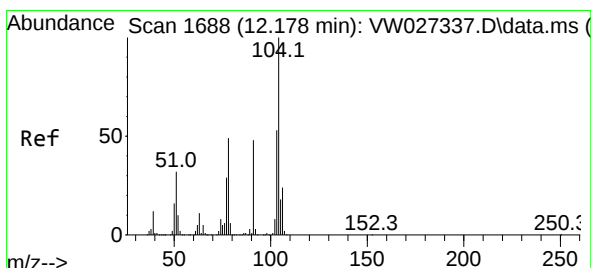
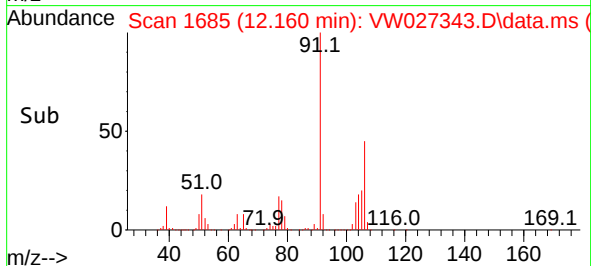
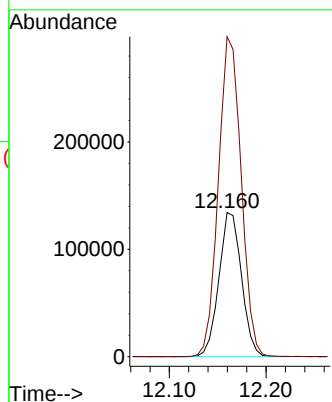
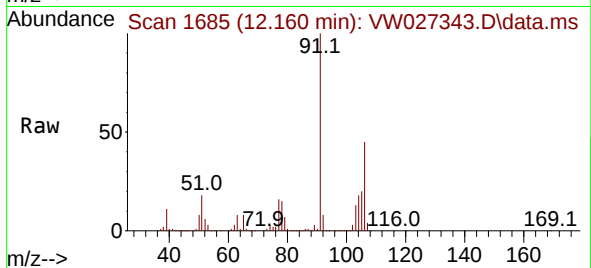
#54
o-Xylene
Concen: 19.919 ug/L
RT: 12.160 min Scan# 1685
Delta R.T. -0.006 min
Lab File: VW027343.D
Acq: 19 Oct 2023 13:14

Instrument :
MSVOA_W
ClientSampleId :
EOAS3MS

Tgt Ion:106 Resp: 217619
Ion Ratio Lower Upper
106 100
91 221.9 152.0 282.2

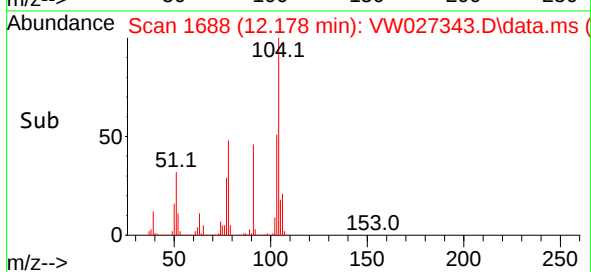
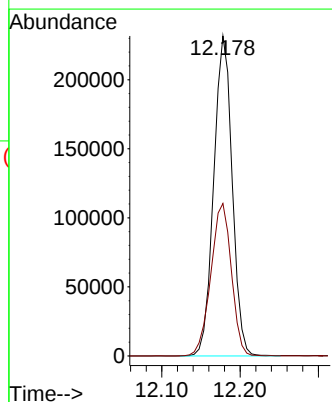
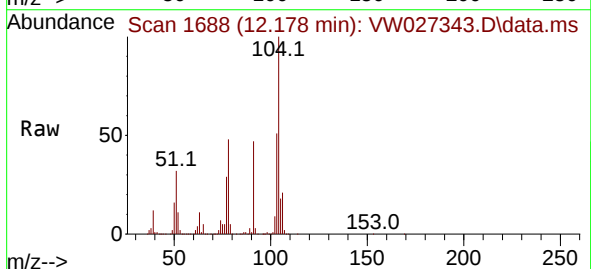
Manual Integrations
APPROVED

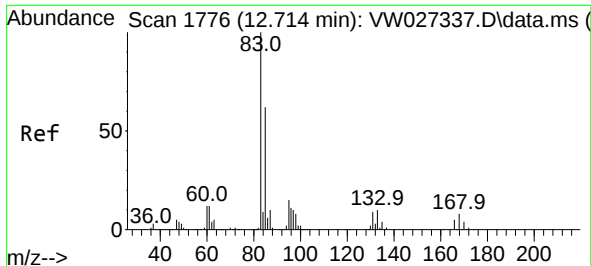
Reviewed By :Semsettin Yesilyurt 10/20/2023
Supervised By :Mahesh Dadoda 10/20/2023



#55
Styrene
Concen: 20.350 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VW027343.D
Acq: 19 Oct 2023 13:14

Tgt Ion:104 Resp: 379714
Ion Ratio Lower Upper
104 100
78 47.7 33.2 61.6





#57

1,1,2,2-Tetrachloroethane

Concen: 24.104 ug/L

RT: 12.708 min Scan# 1775

Delta R.T. -0.006 min

Lab File: VW027343.D

Acq: 19 Oct 2023 13:14

Instrument :

MSVOA_W

ClientSampleId :

EOAS3MS

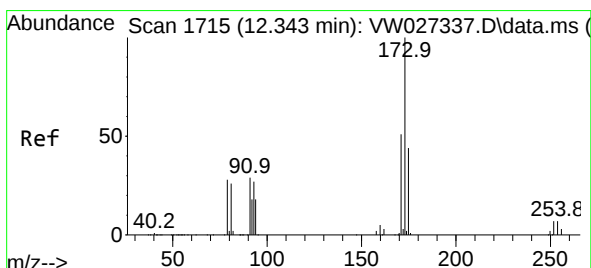
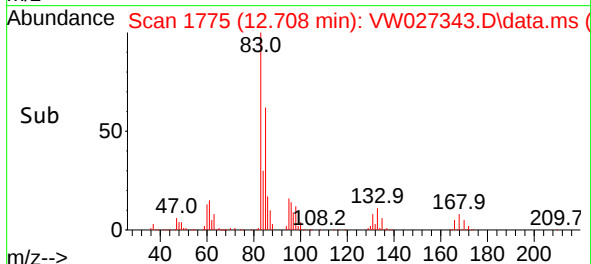
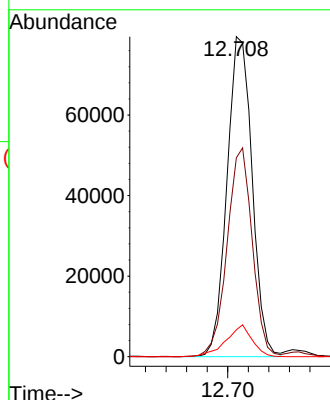
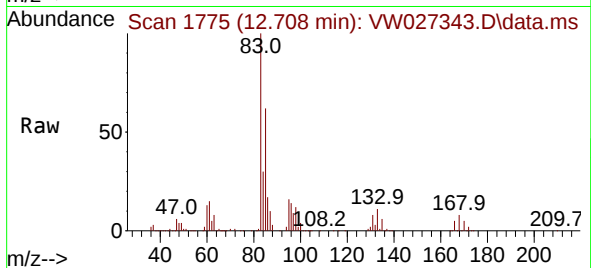
Tgt Ion: 83 Resp: 13509

Ion	Ratio	Lower	Upper
83	100		
85	62.1	43.2	80.2
131	8.4	7.2	10.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/20/2023
Supervised By :Mahesh Dadoda 10/20/2023



#59

Bromoform

Concen: 23.007 ug/L

RT: 12.349 min Scan# 1716

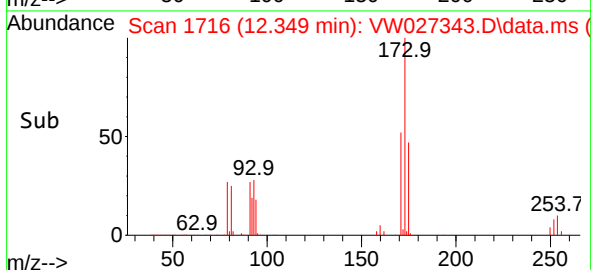
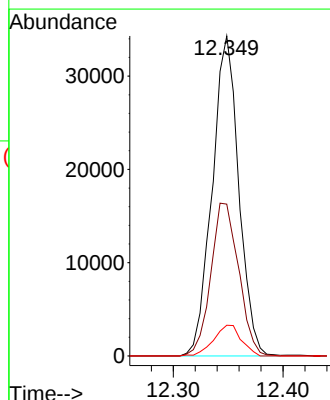
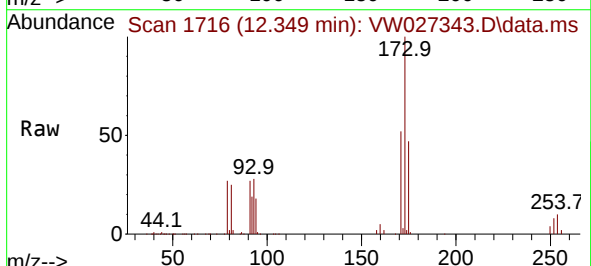
Delta R.T. 0.006 min

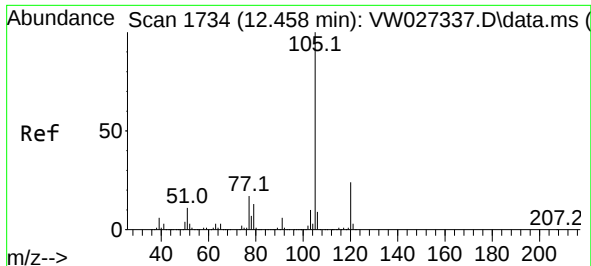
Lab File: VW027343.D

Acq: 19 Oct 2023 13:14

Tgt Ion:173 Resp: 57897

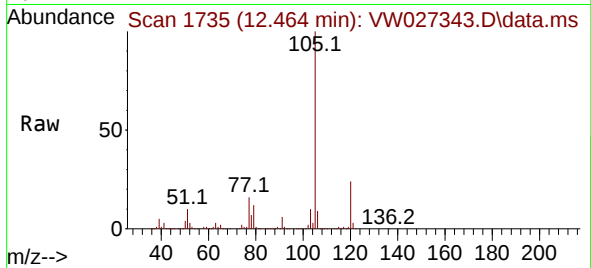
Ion	Ratio	Lower	Upper
173	100		
175	49.9	39.6	59.4
254	10.0	6.6	10.0





#60
Isopropylbenzene
Concen: 21.732 ug/L
RT: 12.464 min Scan# 1735
Delta R.T. 0.006 min
Lab File: VW027343.D
Acq: 19 Oct 2023 13:14

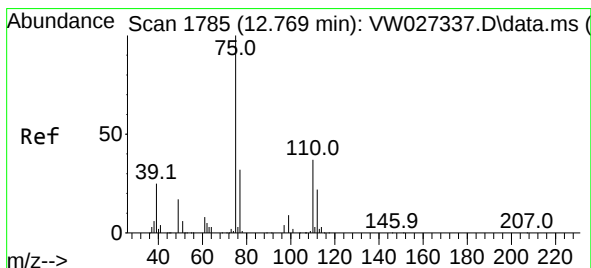
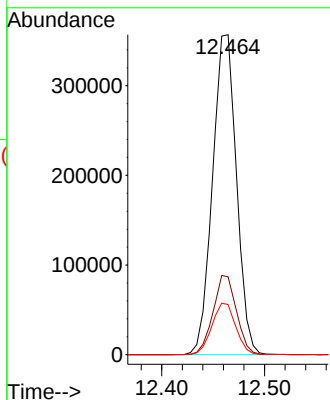
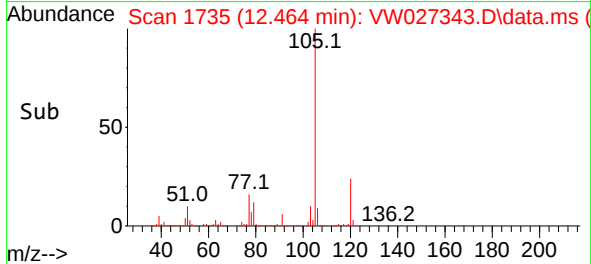
Instrument :
MSVOA_W
ClientSampleId :
EOAS3MS



Tgt Ion:105 Resp: 57734
Ion Ratio Lower Upper
105 100
120 24.2 20.1 30.1
77 16.1 12.9 19.3

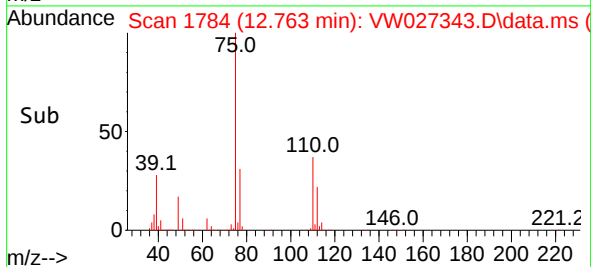
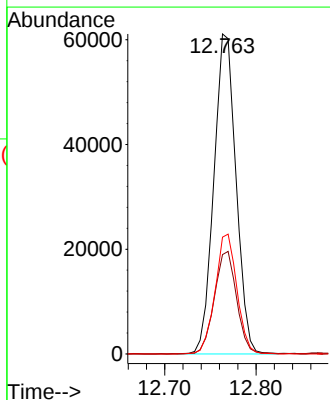
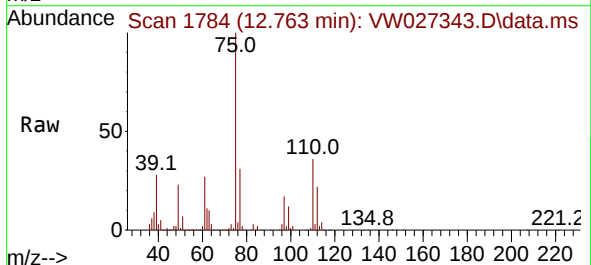
Manual Integrations
APPROVED

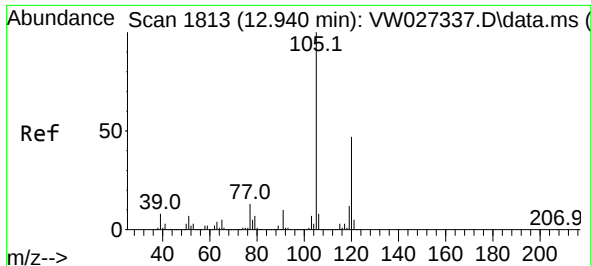
Reviewed By :Semsettin Yesilyurt 10/20/2023
Supervised By :Mahesh Dadoda 10/20/2023



#61
1,2,3-Trichloropropane
Concen: 27.894 ug/L
RT: 12.763 min Scan# 1784
Delta R.T. -0.006 min
Lab File: VW027343.D
Acq: 19 Oct 2023 13:14

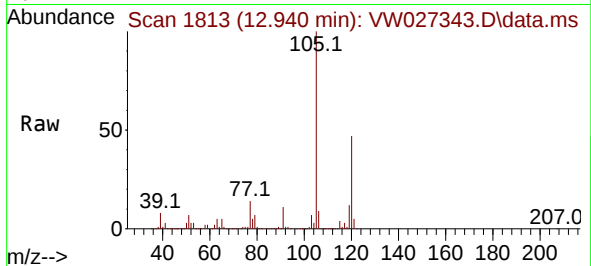
Tgt Ion: 75 Resp: 103001
Ion Ratio Lower Upper
75 100
77 31.6 25.4 38.0
110 36.8 29.7 44.5





#62
1,3,5-Trimethylbenzene
Concen: 20.250 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. -0.000 min
Lab File: VW027343.D
Acq: 19 Oct 2023 13:14

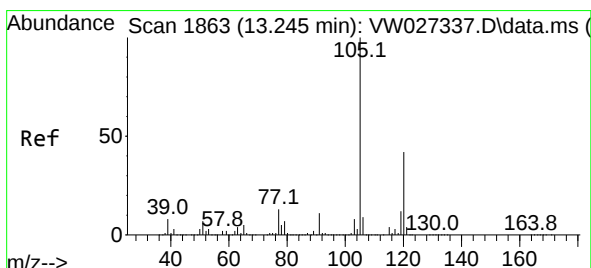
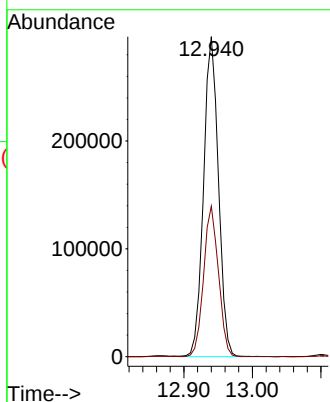
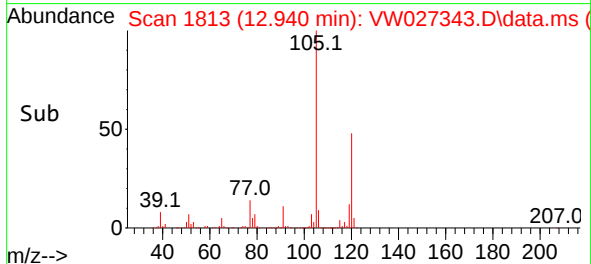
Instrument :
MSVOA_W
ClientSampleId :
EOAS3MS



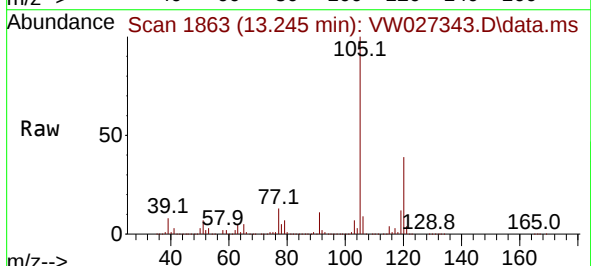
Tgt Ion:105 Resp: 448760
Ion Ratio Lower Upper
105 100
120 47.0 38.8 58.2

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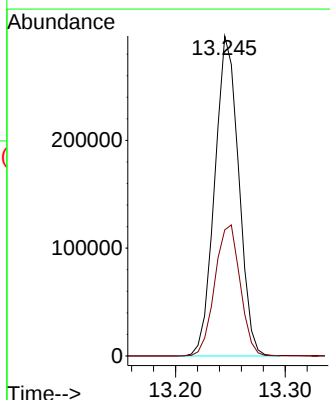
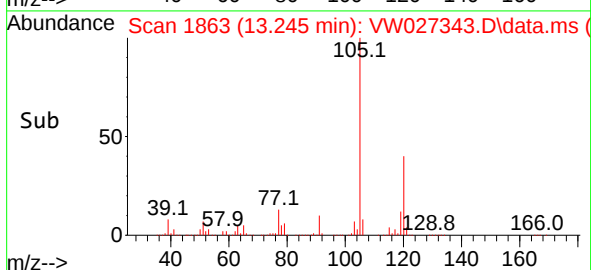
Reviewed By :Semsettin Yesilyurt 10/20/2023
Supervised By :Mahesh Dadoda 10/20/2023

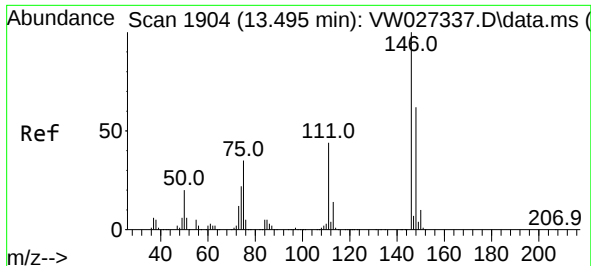


#63
1,2,4-Trimethylbenzene
Concen: 20.813 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. -0.000 min
Lab File: VW027343.D
Acq: 19 Oct 2023 13:14



Tgt Ion:105 Resp: 451270
Ion Ratio Lower Upper
105 100
120 43.3 35.4 53.2





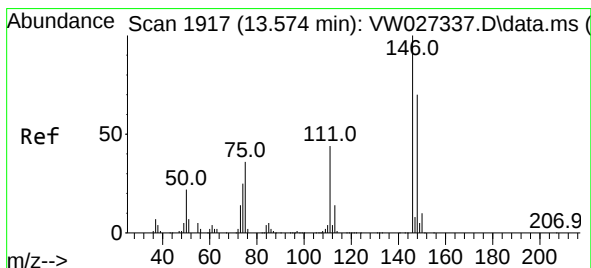
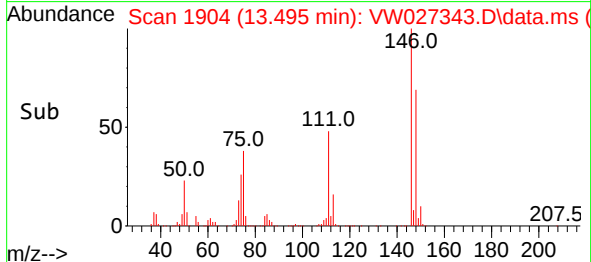
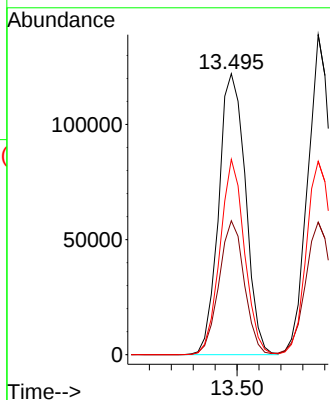
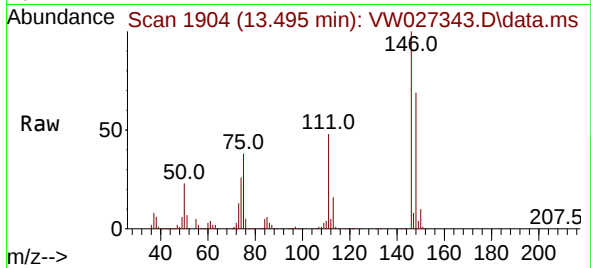
#64
1,3-Dichlorobenzene
Concen: 19.224 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VW027343.D
Acq: 19 Oct 2023 13:14

Instrument :
MSVOA_W
ClientSampleId :
EOAS3MS

Tgt Ion:146 Resp: 207104
Ion Ratio Lower Upper
146 100
111 47.7 30.8 57.2
148 69.5 46.3 85.9

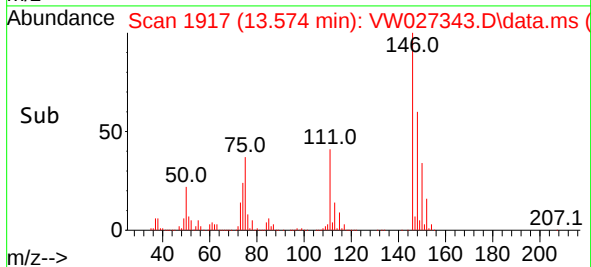
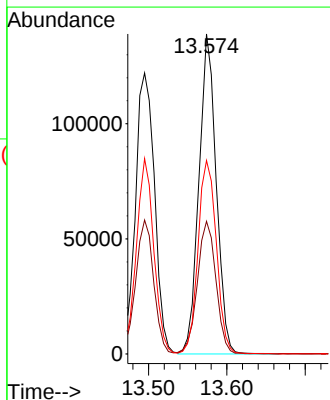
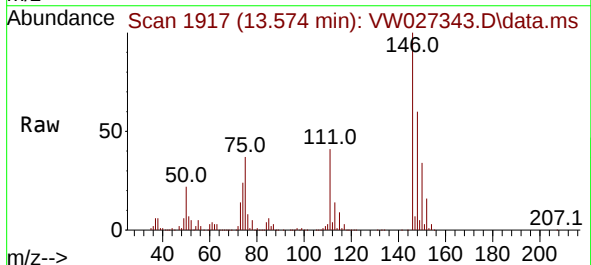
Manual Integrations
APPROVED

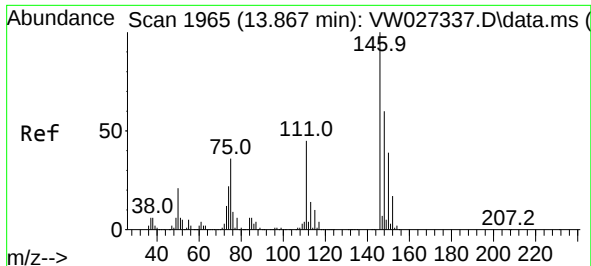
Reviewed By :Semsettin Yesilyurt 10/20/2023
Supervised By :Mahesh Dadoda 10/20/2023



#65
1,4-Dichlorobenzene
Concen: 19.844 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. -0.000 min
Lab File: VW027343.D
Acq: 19 Oct 2023 13:14

Tgt Ion:146 Resp: 213497
Ion Ratio Lower Upper
146 100
111 41.5 29.5 54.9
148 60.4 43.0 79.8





#67

1,2-Dichlorobenzene

Concen: 20.871 ug/L

RT: 13.867 min Scan# 1965

Delta R.T. -0.000 min

Lab File: VW027343.D

Acq: 19 Oct 2023 13:14

Instrument :

MSVOA_W

ClientSampleId :

EOAS3MS

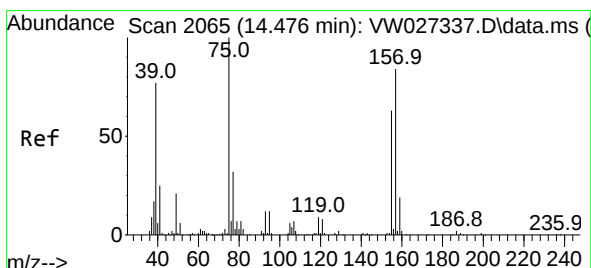
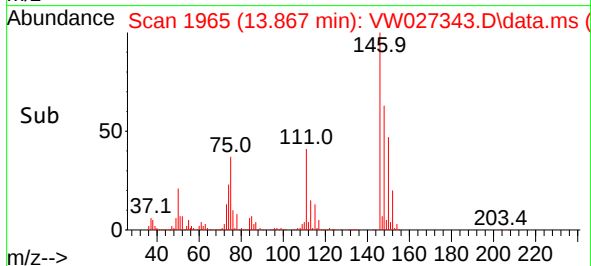
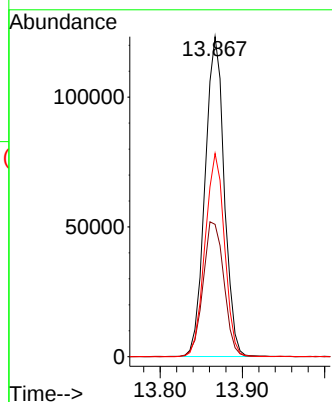
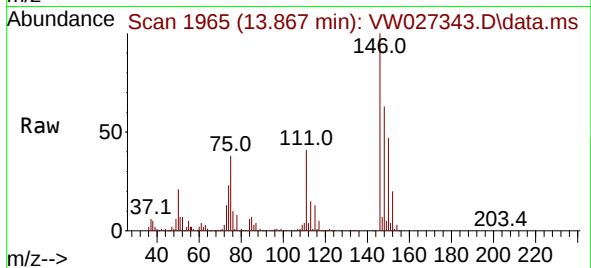
Tgt Ion:146 Resp: 199520

Ion	Ratio	Lower	Upper
146	100		
111	41.3	36.8	55.2
148	63.5	52.3	78.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/20/2023
Supervised By :Mahesh Dadoda 10/20/2023



#68

1,2-Dibromo-3-chloropropane

Concen: 24.539 ug/L

RT: 14.482 min Scan# 2066

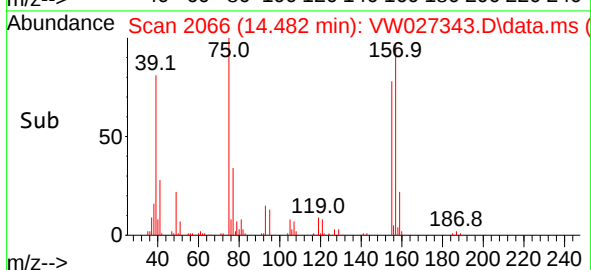
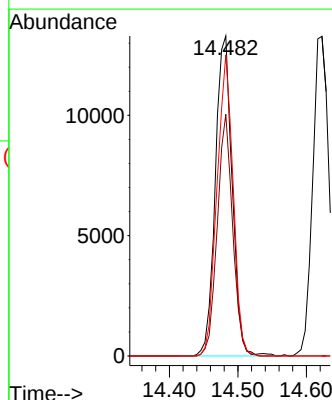
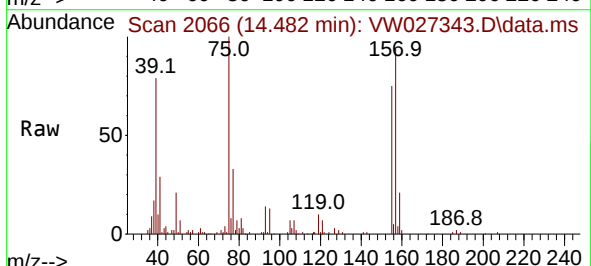
Delta R.T. 0.006 min

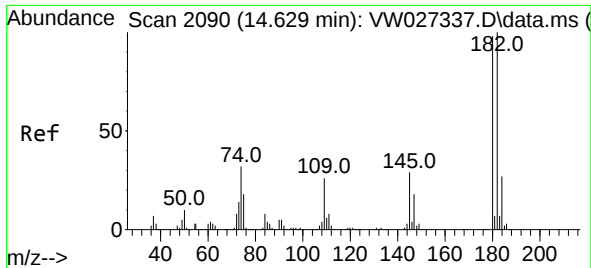
Lab File: VW027343.D

Acq: 19 Oct 2023 13:14

Tgt Ion: 75 Resp: 22647

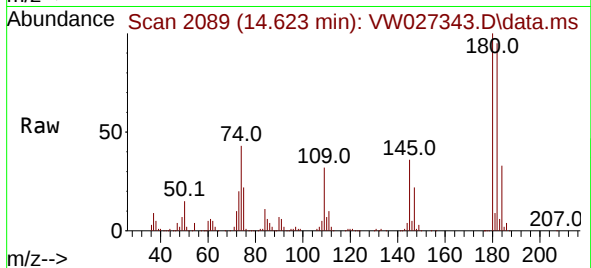
Ion	Ratio	Lower	Upper
75	100		
155	75.5	54.9	82.3
157	94.1	64.7	97.1





#69
1,3,5-Trichlorobenzene
Concen: 14.626 ug/L
RT: 14.623 min Scan# 2090
Delta R.T. -0.006 min
Lab File: VW027343.D
Acq: 19 Oct 2023 13:14

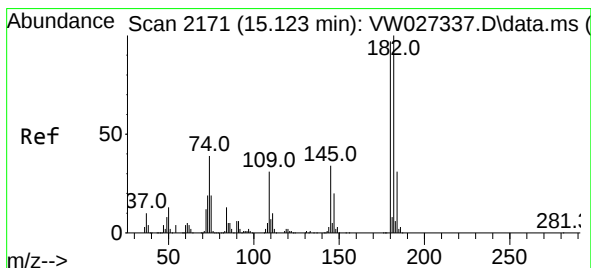
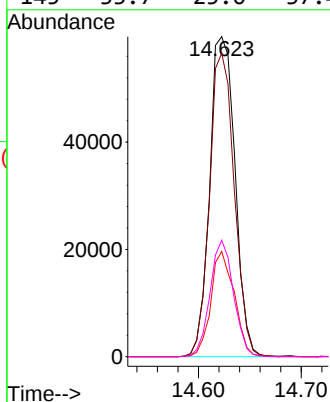
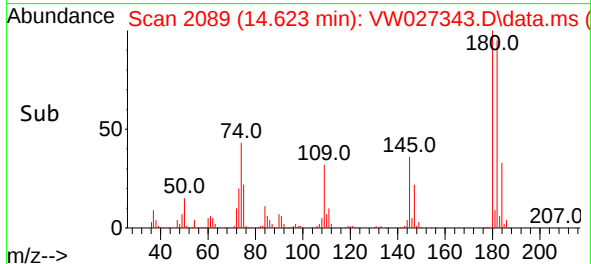
Instrument :
MSVOA_W
ClientSampleId :
EOAS3MS



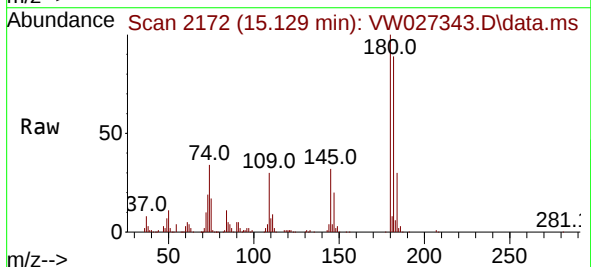
Tgt Ion:180 Resp: 10229
Ion Ratio Lower Upper
180 100
182 92.5 73.4 110.0
184 30.5 23.3 34.9
145 33.7 25.0 37.4

Manual Integrations
APPROVED

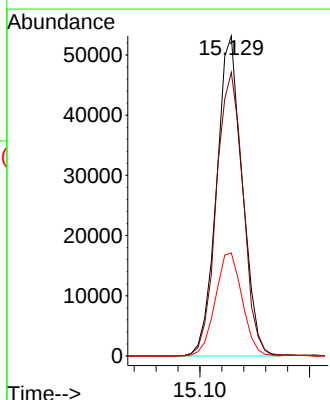
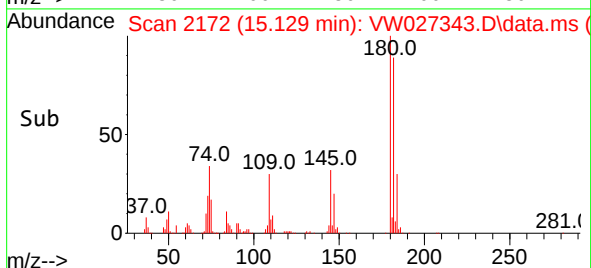
Reviewed By :Semsettin Yesilyurt 10/20/2023
Supervised By :Mahesh Dadoda 10/20/2023

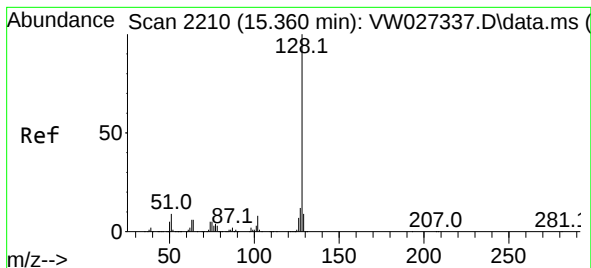


#70
1,2,4-trichlorobenzene
Concen: 14.491 ug/L
RT: 15.129 min Scan# 2172
Delta R.T. 0.006 min
Lab File: VW027343.D
Acq: 19 Oct 2023 13:14



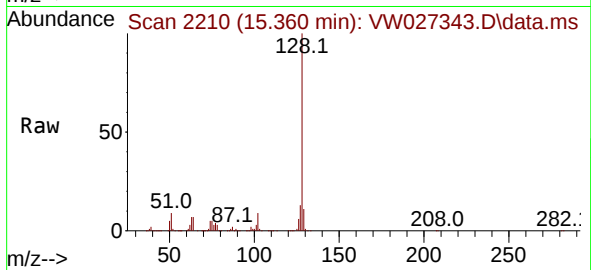
Tgt Ion:180 Resp: 86257
Ion Ratio Lower Upper
180 100
182 92.5 75.5 113.3
145 33.8 26.4 39.6





#71
Naphthalene
Concen: 21.014 ug/L
RT: 15.360 min Scan# 21
Delta R.T. -0.000 min
Lab File: VW027343.D
Acq: 19 Oct 2023 13:14

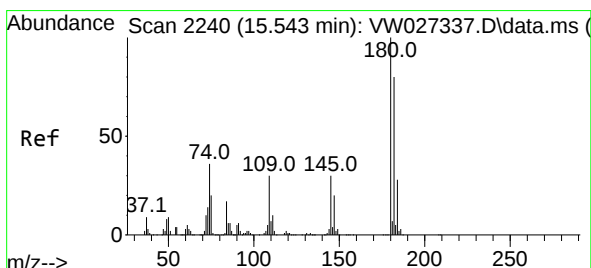
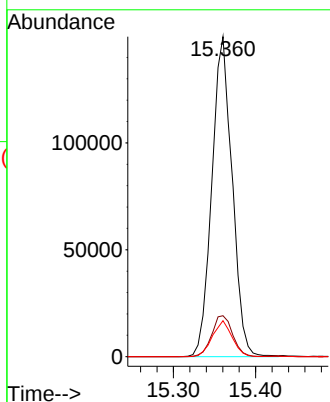
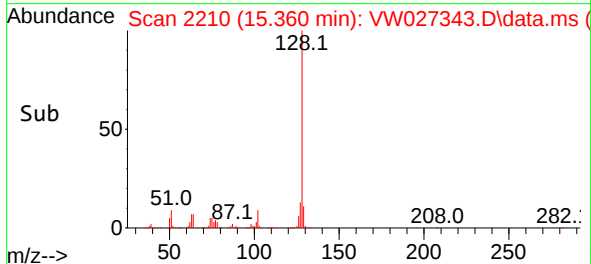
Instrument :
MSVOA_W
ClientSampleId :
EOAS3MS



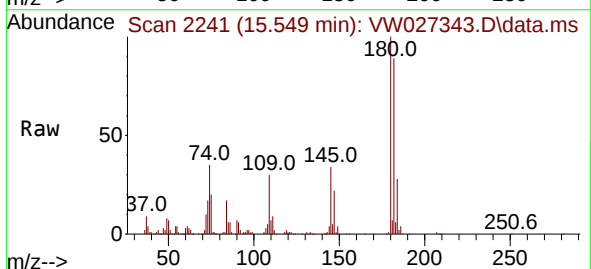
Tgt Ion:128 Resp: 257240
Ion Ratio Lower Upper
128 100
127 13.2 10.0 15.0
129 11.0 8.5 12.7

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 10/20/2023
Supervised By :Mahesh Dadoda 10/20/2023



#72
1,2,3-Trichlorobenzene
Concen: 15.225 ug/L
RT: 15.549 min Scan# 2241
Delta R.T. 0.006 min
Lab File: VW027343.D
Acq: 19 Oct 2023 13:14



Tgt Ion:180 Resp: 74524
Ion Ratio Lower Upper
180 100
182 88.4 81.1 121.7
145 34.4 30.6 45.8

