

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082422\
 Data File : VW024328.D
 Acq On : 24 Aug 2022 17:50
 Operator : SY/VA
 Sample : N4322-02MS
 Misc : 5.67g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EY163MS

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 08/25/2022
 Supervised By : Mahesh Dadoda 08/25/2022

Quant Time: Aug 25 01:34:12 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM080422SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Aug 25 01:31:24 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	223180	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	199981	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	80635	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.343	65	126916	27.206	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 108.840%	
7) Chloroethane-d5	2.873	69	103445	35.597	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 142.400%	
11) 1,1-Dichloroethene-d2	4.007	63	107820m	20.280	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	= 81.120%	
21) 2-Butanone-d5	7.080	46	53655	61.821	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 123.640%	
24) Chloroform-d	7.647	84	176197	26.092	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 104.360%	
26) 1,2-Dichloroethane-d4	8.305	65	103038	27.483	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	= 109.920%	
32) Benzene-d6	8.275	84	303645	25.745	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 103.000%	
36) 1,2-Dichloropropane-d6	9.268	67	98425	28.265	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 113.040%	
41) Toluene-d8	10.323	98	265586	24.092	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 96.360%	
43) trans-1,3-Dichloroprop...	10.573	79	37567	24.630	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 98.520%	
47) 2-Hexanone-d5	10.927	63	44025	68.447	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 136.900%#	
56) 1,1,2,2-Tetrachloroeth...	12.689	84	111926	33.129	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 132.520%#	
66) 1,2-Dichlorobenzene-d4	13.853	152	62840	21.296	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 85.200%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.002	85	45844	23.348	ug/L	97
3) Chloromethane	2.209	50	84973	23.075	ug/L	98
5) Vinyl chloride	2.349	62	170572	33.275	ug/L	99
6) Bromomethane	2.764	94	102374	34.831	ug/L	91
8) Chloroethane	2.910	64	90445	40.279	ug/L	94
9) Trichlorofluoromethane	3.245	101	65591	26.992	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.050	101	71247	21.739	ug/L	95
12) 1,1-Dichloroethene	4.032	96	54569	20.338	ug/L	96
13) Acetone	4.129	43	51130	80.017	ug/L	66
14) Carbon disulfide	4.373	76	130009	15.142	ug/L	96
15) Methyl Acetate	4.672	43	35218	24.470	ug/L	97
16) Methylene chloride	4.910	84	83277	21.160	ug/L	90
17) trans-1,2-Dichloroethene	5.416	96	64458	20.803	ug/L	91
18) Methyl tert-butyl Ether	5.428	73	134873	30.526	ug/L #	91
19) 1,1-Dichloroethane	6.208	63	148027	27.121	ug/L	100
20) cis-1,2-Dichloroethene	7.165	96	80231	23.578	ug/L #	92
22) 2-Butanone	7.171	43	72682	67.502	ug/L	95
23) Bromochloromethane	7.513	128	38490	22.712	ug/L	85
25) Chloroform	7.671	83	170098	28.282	ug/L	96

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 Quant Title : SFAM01.0
 QLast Update : Thu Aug 25 01:31:24 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.397	62	120771	29.842	ug/L	99
29) Cyclohexane	7.958	56	99415	24.248	ug/L	96
30) 1,1,1-Trichloroethane	7.872	97	131837	29.233	ug/L	97
31) Carbon tetrachloride	8.068	117	105592	24.818	ug/L	99
33) Benzene	8.324	78	351558	29.765	ug/L	100
34) Trichloroethene	9.092	95	76505	24.506	ug/L	93
35) Methylcyclohexane	9.329	83	100158	20.459	ug/L	96
37) 1,2-Dichloropropane	9.366	63	94833	32.480	ug/L	100
38) Bromodichloromethane	9.646	83	125020	30.529	ug/L	99
39) cis-1,3-Dichloropropene	10.073	75	118363	27.555	ug/L	98
40) 4-Methyl-2-pentanone	10.207	43	147169	75.949	ug/L	96
42) Toluene	10.384	91	363355	28.950	ug/L	96
44) trans-1,3-Dichloropropene	10.604	75	111681	28.454	ug/L	99
45) 1,1,2-Trichloroethane	10.787	97	76371	31.034	ug/L	96
46) Tetrachloroethene	10.860	164	51664	20.442	ug/L	88
48) 2-Hexanone	10.969	43	102911	78.257	ug/L	97
49) Dibromochloromethane	11.128	129	84560	28.542	ug/L	96
50) 1,2-Dibromoethane	11.232	107	66463	28.189	ug/L #	100
51) Chlorobenzene	11.652	112	205549	23.969	ug/L	91
52) Ethylbenzene	11.725	91	367500	26.725	ug/L	99
53) m,p-Xylene	11.835	106	142357	26.595	ug/L	96
54) o-Xylene	12.164	106	138956	27.478	ug/L	97
55) Styrene	12.177	104	222828	25.335	ug/L	93
57) 1,1,2,2-Tetrachloroethane	12.713	83	101572	33.026	ug/L	94
59) Bromoform	12.347	173	43152	35.084	ug/L	98
60) Isopropylbenzene	12.463	105	368409	37.741	ug/L	98
61) 1,2,3-Trichloropropane	12.768	75	72165	44.970	ug/L	99
62) 1,3,5-Trimethylbenzene	12.939	105	275210	34.117	ug/L	98
63) 1,2,4-Trimethylbenzene	13.249	105	257499	32.413	ug/L	99
64) 1,3-Dichlorobenzene	13.493	146	111998	23.431	ug/L	95
65) 1,4-Dichlorobenzene	13.579	146	114638	22.649	ug/L	97
67) 1,2-Dichlorobenzene	13.865	146	109838	24.198	ug/L #	90
68) 1,2-Dibromo-3-chloropr...	14.481	75	14558	38.829	ug/L #	72
69) 1,3,5-Trichlorobenzene	14.621	180	47836	15.262	ug/L	98
70) 1,2,4-trichlorobenzene	15.127	180	27270	10.864	ug/L	97
71) Naphthalene	15.365	128	68205	13.950	ug/L	98
72) 1,2,3-Trichlorobenzene	15.548	180	24766	10.837	ug/L	95

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

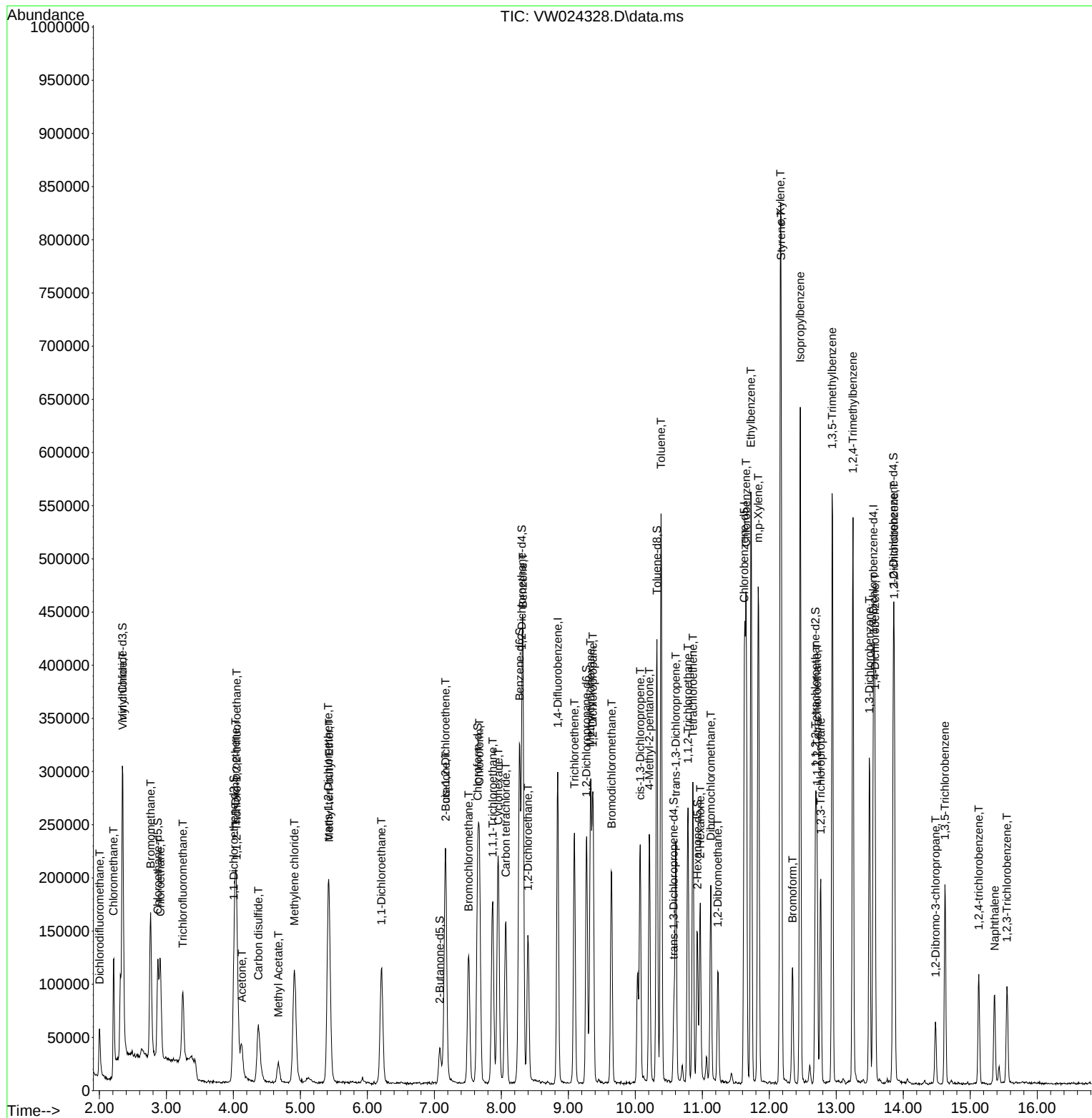
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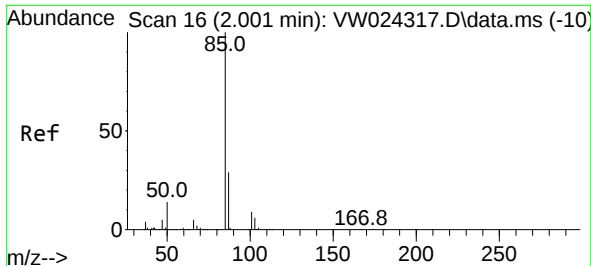
Instrument :
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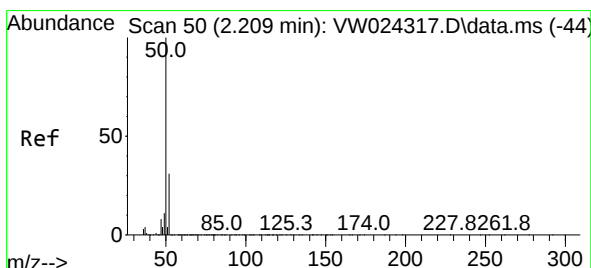
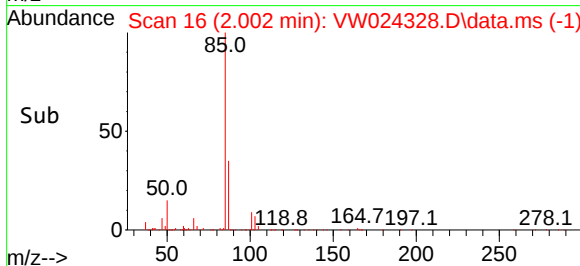
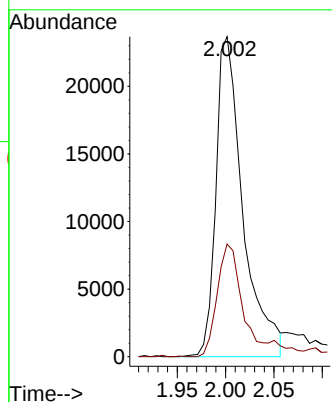
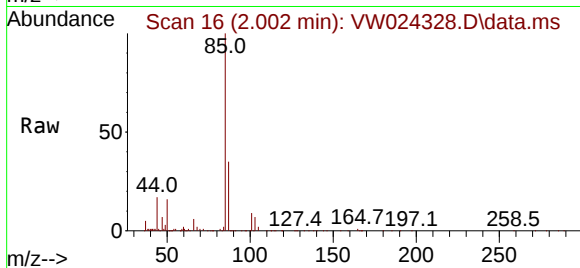
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Dichlorodifluoromethane
Concen: 23.348 ug/L
RT: 2.002 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW024328.D
Acq: 24 Aug 2022 17:50

Instrument :
MSVOA_W
ClientSampleId :
EY163MS

Tgt Ion: 85 Resp: 4584
Ion Ratio Lower Upper
85 100
87 32.0 24.5 36.7

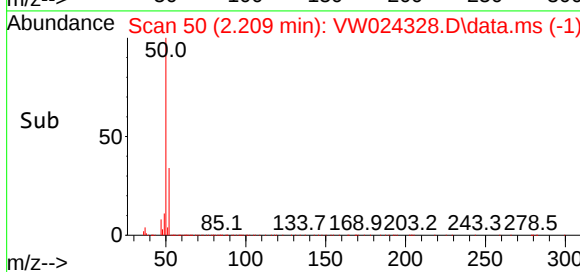
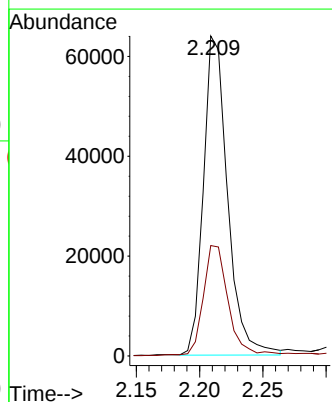
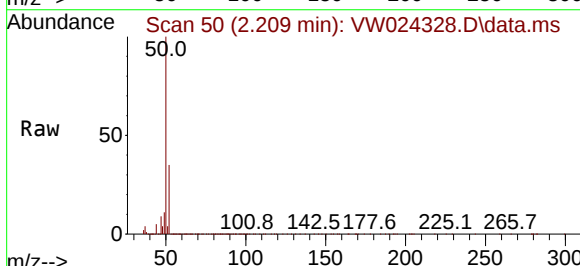
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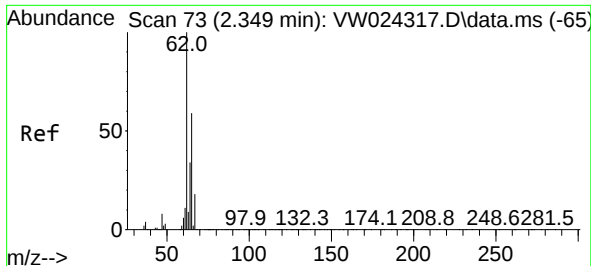
Reviewed By :Semsettin Yesilyurt 08/25/2022
Supervised By :Mahesh Dadoda 08/25/2022



#3
Chloromethane
Concen: 23.075 ug/L
RT: 2.209 min Scan# 50
Delta R.T. 0.000 min
Lab File: VW024328.D
Acq: 24 Aug 2022 17:50

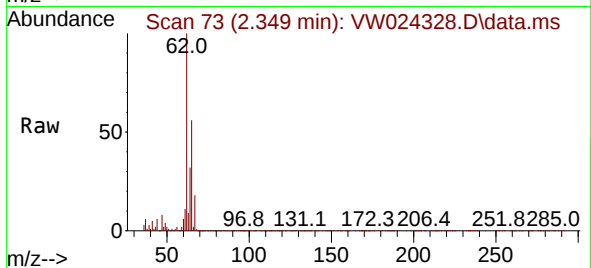
Tgt Ion: 50 Resp: 84973
Ion Ratio Lower Upper
50 100
52 34.5 23.2 43.2





#5
 Vinyl chloride
 Concen: 33.275 ug/L
 RT: 2.349 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VW024328.D
 Acq: 24 Aug 2022 17:50

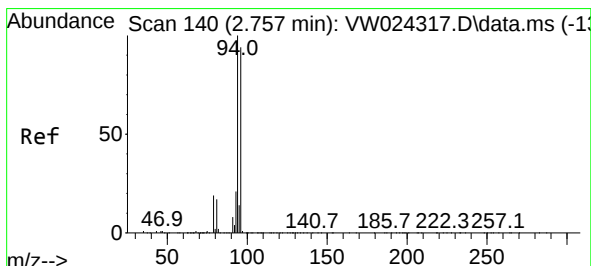
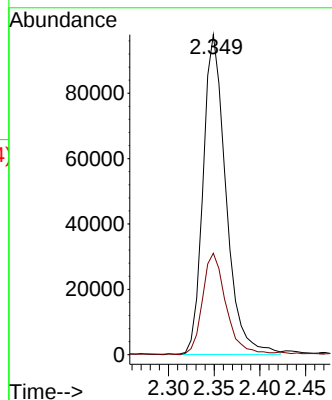
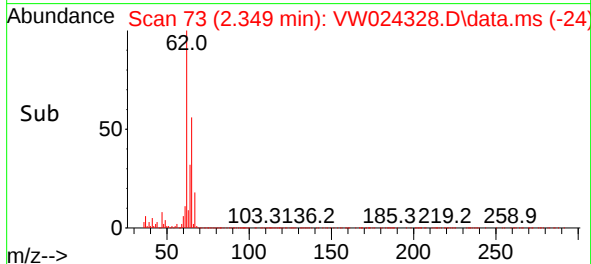
Instrument :
 MSVOA_W
 ClientSampleId :
 EY163MS



Tgt Ion: 62 Resp: 170572
 Ion Ratio Lower Upper
 62 100
 64 31.7 22.7 42.3

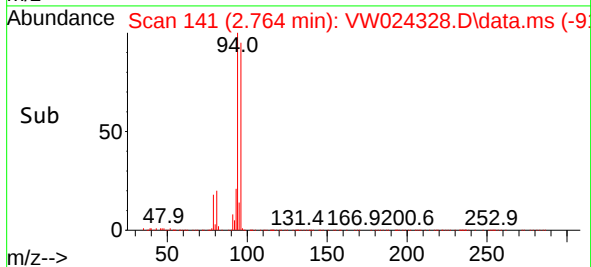
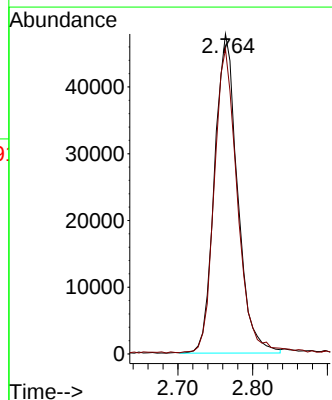
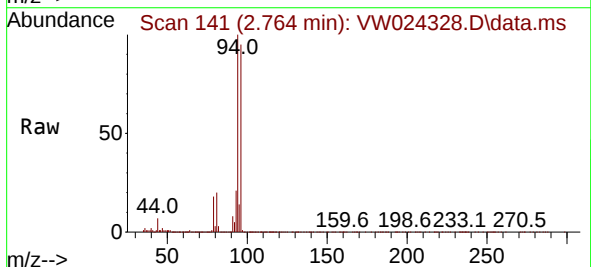
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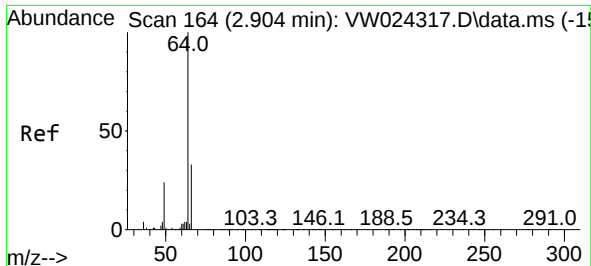
Reviewed By :Semsettin Yesilyurt 08/25/2022
 Supervised By :Mahesh Dadoda 08/25/2022



#6
 Bromomethane
 Concen: 34.831 ug/L
 RT: 2.764 min Scan# 141
 Delta R.T. 0.006 min
 Lab File: VW024328.D
 Acq: 24 Aug 2022 17:50

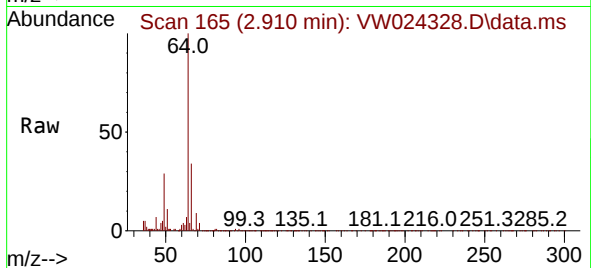
Tgt Ion: 94 Resp: 102374
 Ion Ratio Lower Upper
 94 100
 96 95.2 61.0 113.4





#8
Chloroethane
Concen: 40.279 ug/L
RT: 2.910 min Scan# 10
Delta R.T. 0.006 min
Lab File: VW024328.D
Acq: 24 Aug 2022 17:50

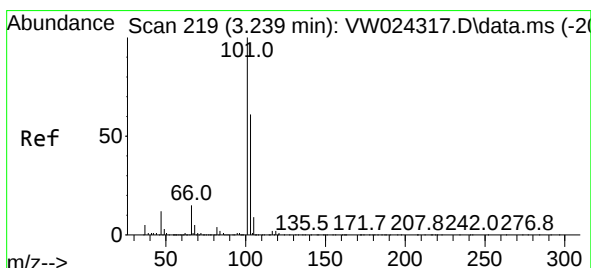
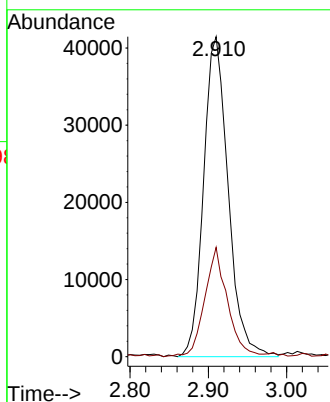
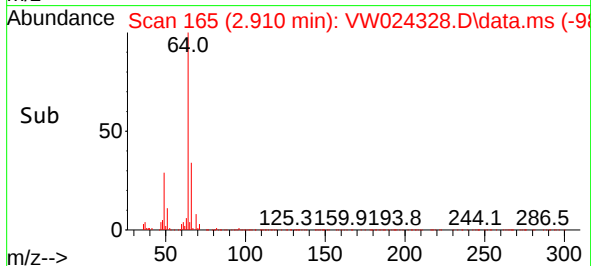
Instrument :
MSVOA_W
ClientSampleId :
EY163MS



Tgt Ion: 64 Resp: 9044
Ion Ratio Lower Upper
64 100
66 34.1 21.6 40.0

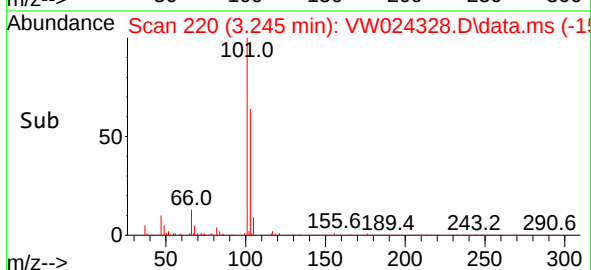
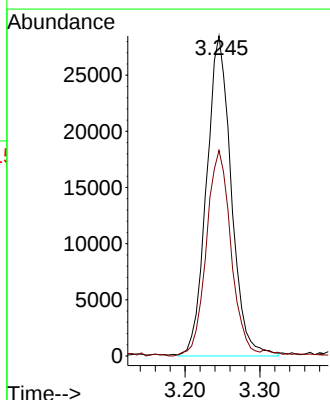
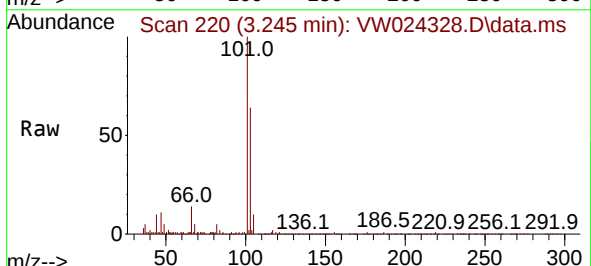
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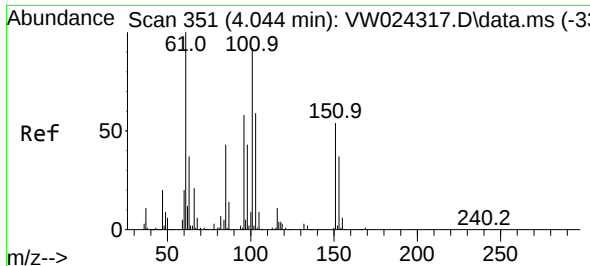
Reviewed By :Semsettin Yesilyurt 08/25/2022
Supervised By :Mahesh Dadoda 08/25/2022



#9
Trichlorofluoromethane
Concen: 26.992 ug/L
RT: 3.245 min Scan# 220
Delta R.T. 0.006 min
Lab File: VW024328.D
Acq: 24 Aug 2022 17:50

Tgt Ion:101 Resp: 65591
Ion Ratio Lower Upper
101 100
103 63.8 50.5 75.7





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 21.739 ug/L

RT: 4.050 min Scan# 351

Delta R.T. 0.006 min

Lab File: VW024328.D

Acq: 24 Aug 2022 17:50

Instrument :

MSVOA_W

ClientSampleId :

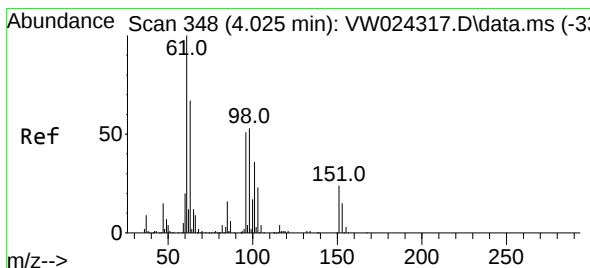
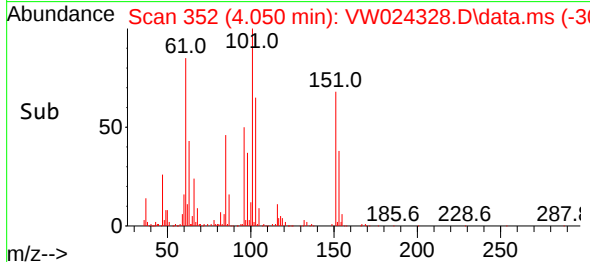
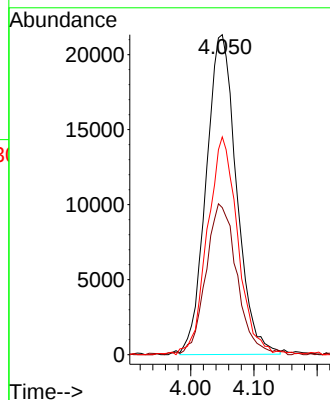
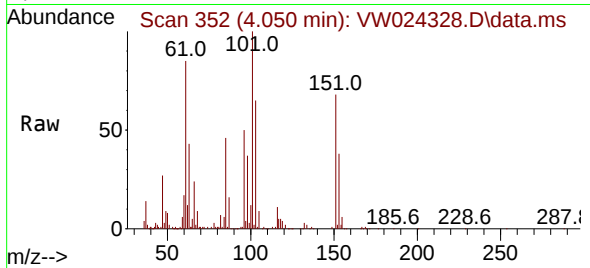
EY163MS

Tgt Ion:	101	Resp:	7124
Ion Ratio	Lower	Upper	
101	100		
85	47.7	34.9	52.3
151	67.6	57.0	85.6

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#12

1,1-Dichloroethene

Concen: 20.338 ug/L

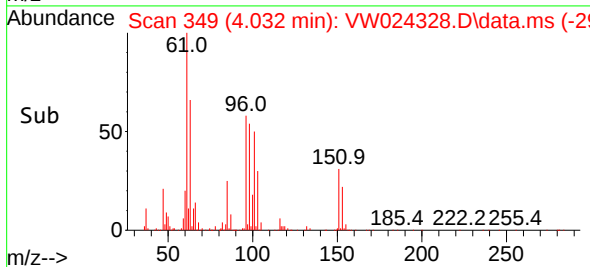
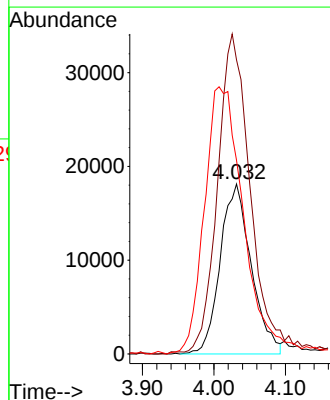
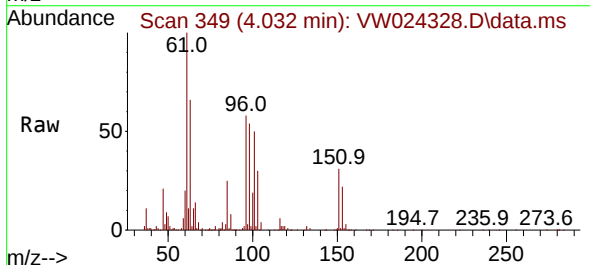
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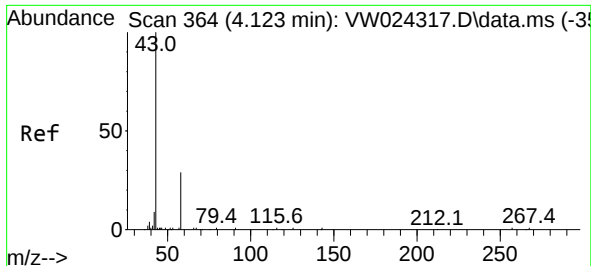
Delta R.T. 0.006 min

Lab File: VW024328.D

Acq: 24 Aug 2022 17:50

Tgt Ion:	96	Resp:	54569
Ion Ratio	Lower	Upper	
96	100		
61	173.1	123.1	228.5
63	114.0	84.9	157.7





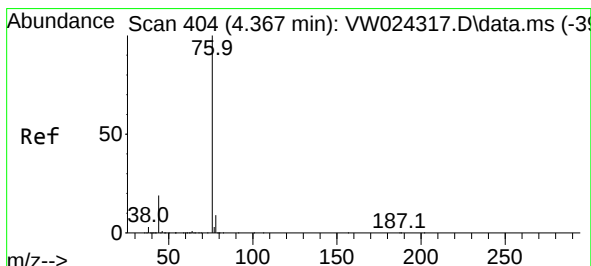
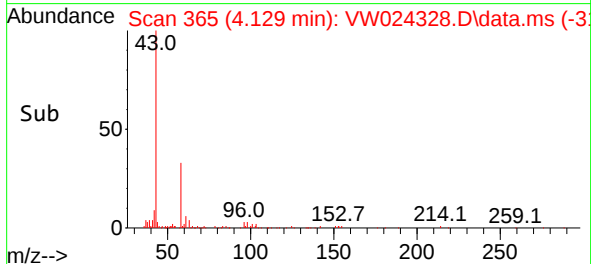
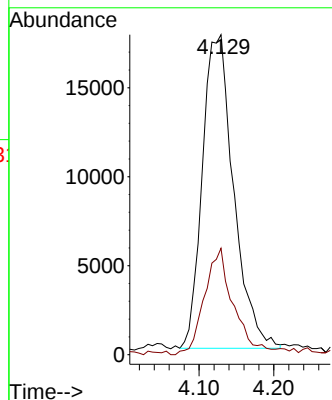
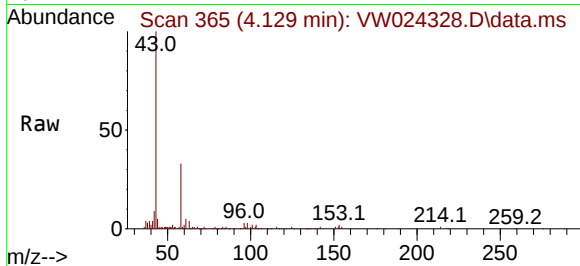
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Acetone
Concen: 80.017 ug/L
RT: 4.129 min Scan# 365
Delta R.T. 0.006 min
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Tgt Ion: 43 Resp: 51130
Ion Ratio Lower Upper
43 100
58 30.4 0.0 31.8

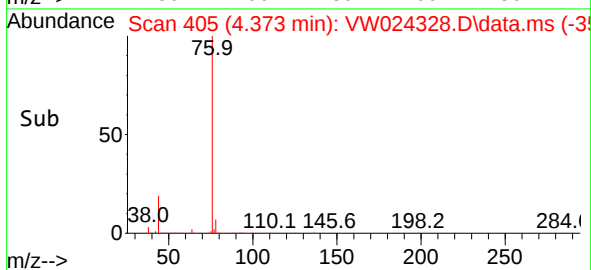
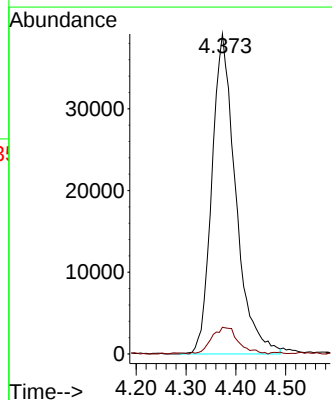
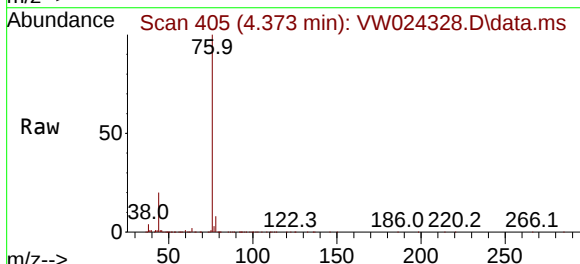
Manual Integrations
APPROVED

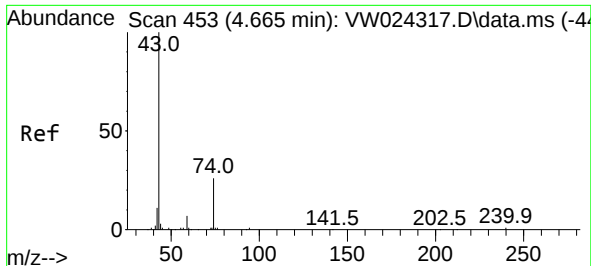
Reviewed By :Semsettin Yesilyurt 08/25/2022
Supervised By :Mahesh Dadoda 08/25/2022



#14
Carbon disulfide
Concen: 15.142 ug/L
RT: 4.373 min Scan# 405
Delta R.T. 0.006 min
Lab File: VW024328.D
Acq: 24 Aug 2022 17:50

Tgt Ion: 76 Resp: 130009
Ion Ratio Lower Upper
76 100
78 8.3 7.9 11.9





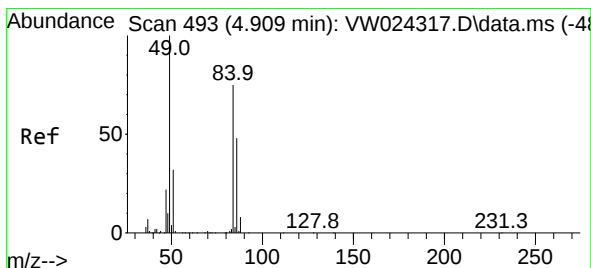
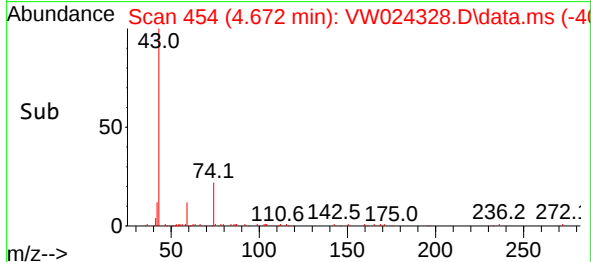
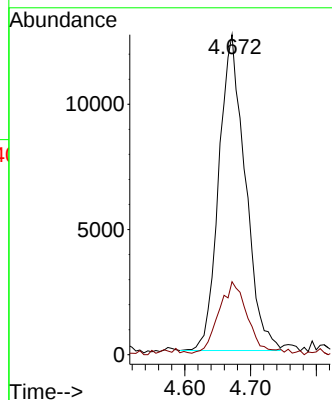
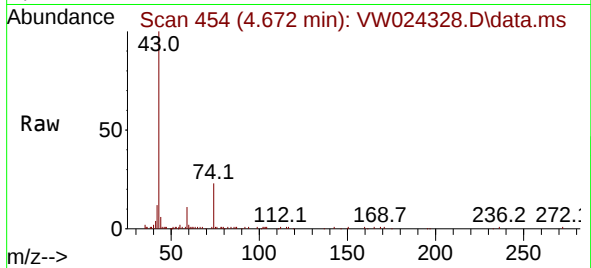
#15
Methyl Acetate
Concen: 24.470 ug/L
RT: 4.672 min Scan# 454
Delta R.T. 0.006 min
Lab File: VW024328.D
Acq: 24 Aug 2022 17:50

Instrument :
MSVOA_W
ClientSampleId :
EY163MS

Tgt Ion: 43 Resp: 35218
Ion Ratio Lower Upper
43 100
74 25.4 21.5 32.3

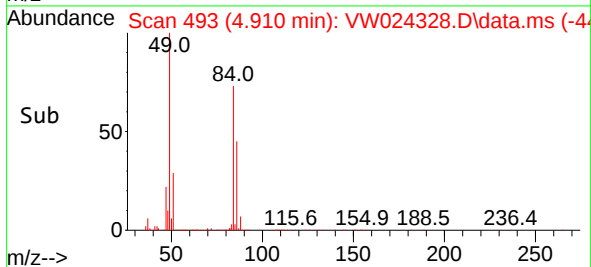
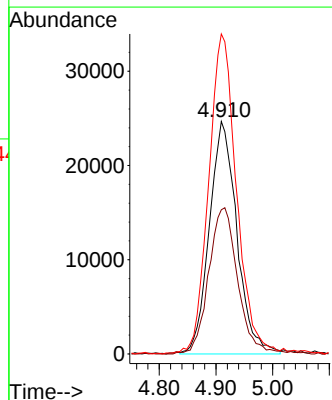
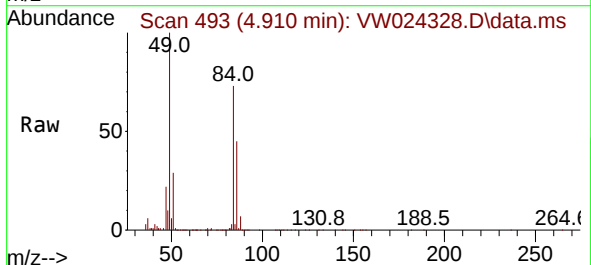
Manual Integrations
APPROVED

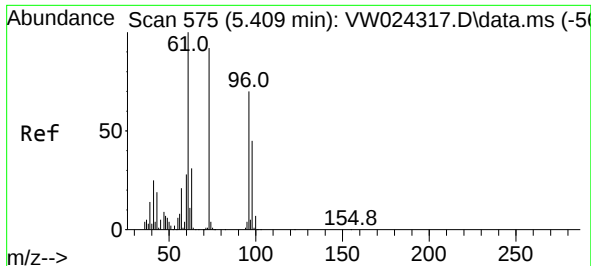
Reviewed By :Semsettin Yesilyurt 08/25/2022
Supervised By :Mahesh Dadoda 08/25/2022



#16
Methylene chloride
Concen: 21.160 ug/L
RT: 4.910 min Scan# 493
Delta R.T. 0.000 min
Lab File: VW024328.D
Acq: 24 Aug 2022 17:50

Tgt Ion: 84 Resp: 83277
Ion Ratio Lower Upper
84 100
86 62.0 42.8 79.6
49 137.6 85.3 158.3





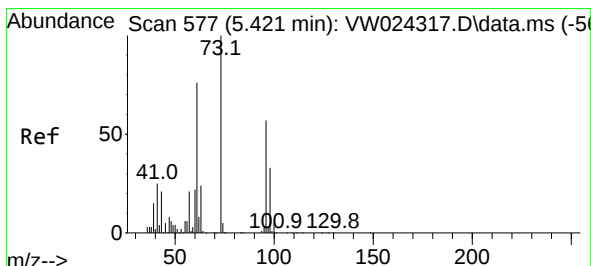
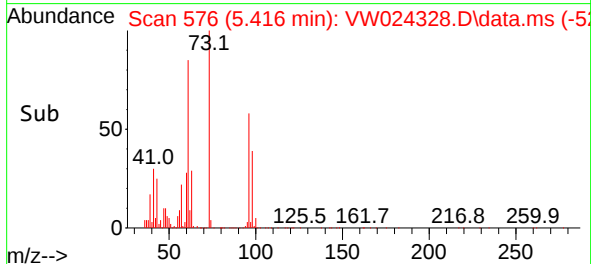
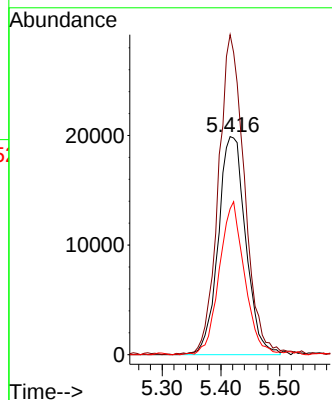
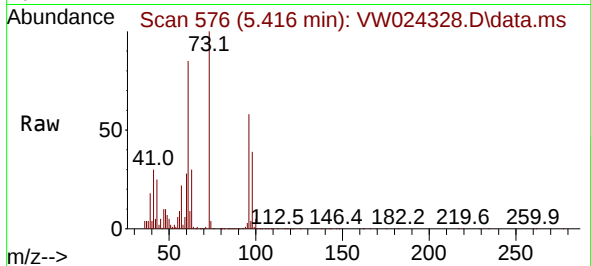
#17
trans-1,2-Dichloroethene
Concen: 20.803 ug/L
RT: 5.416 min Scan# 576
Delta R.T. 0.006 min
Lab File: VW024328.D
Acq: 24 Aug 2022 17:50

Instrument :
MSVOA_W
ClientSampleId :
EY163MS

Tgt Ion: 96 Resp: 64458
Ion Ratio Lower Upper
96 100
61 146.8 93.0 172.8
98 66.9 48.5 90.1

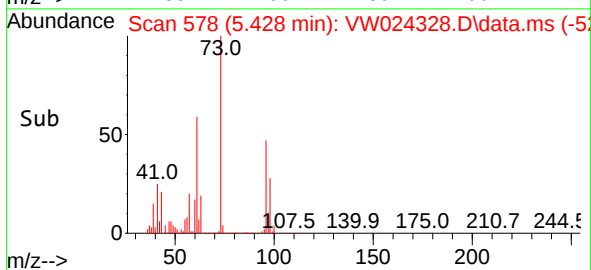
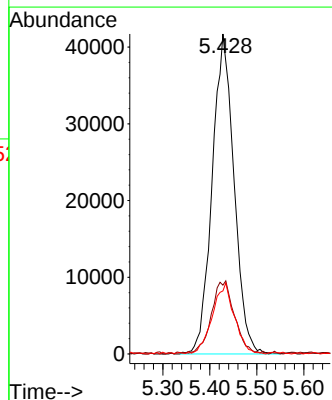
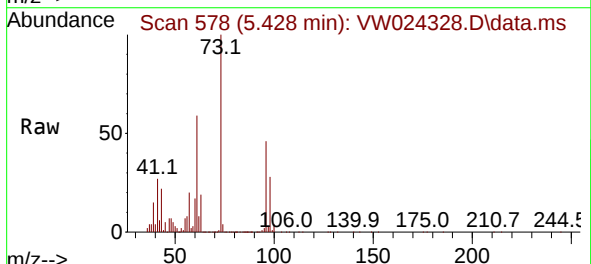
Manual Integrations
APPROVED

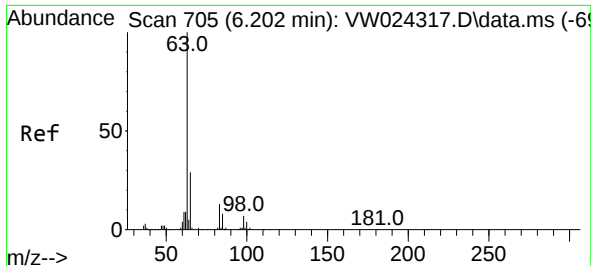
Reviewed By :Semsettin Yesilyurt 08/25/2022
Supervised By :Mahesh Dadoda 08/25/2022



#18
Methyl tert-butyl Ether
Concen: 30.526 ug/L
RT: 5.428 min Scan# 578
Delta R.T. 0.006 min
Lab File: VW024328.D
Acq: 24 Aug 2022 17:50

Tgt Ion: 73 Resp: 134873
Ion Ratio Lower Upper
73 100
43 12.8 16.6 24.8#
57 21.6 17.6 26.4





#19

1,1-Dichloroethane

Concen: 27.121 ug/L

RT: 6.208 min Scan# 705

Delta R.T. 0.006 min

Lab File: VW024328.D

Acq: 24 Aug 2022 17:50

Instrument :

MSVOA_W

ClientSampleId :

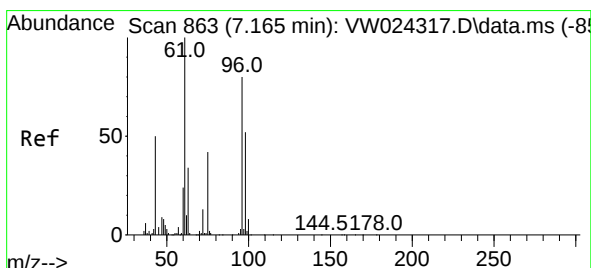
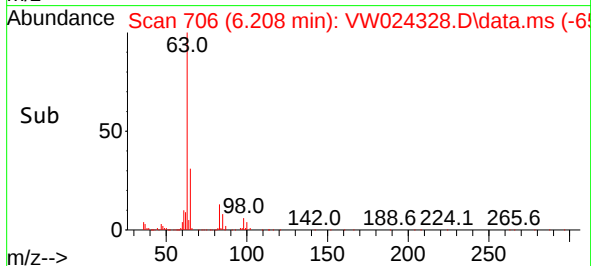
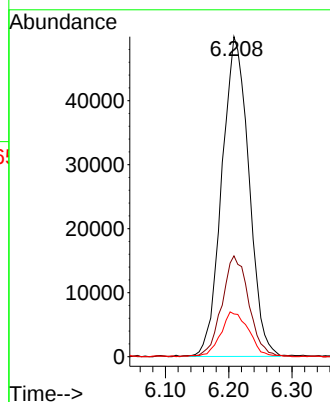
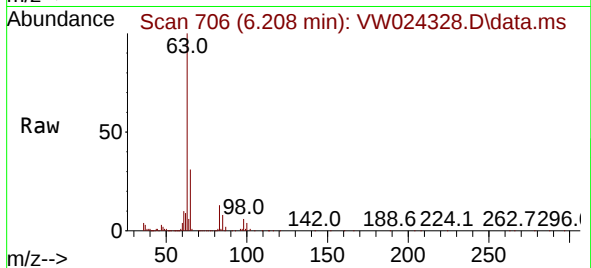
EY163MS

Tgt Ion: 63	Resp: 14802
Ion Ratio	Lower Upper
63 100	
65 31.5	22.0 41.0
83 13.3	9.2 17.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/25/2022
Supervised By :Mahesh Dadoda 08/25/2022



#20

cis-1,2-Dichloroethene

Concen: 23.578 ug/L

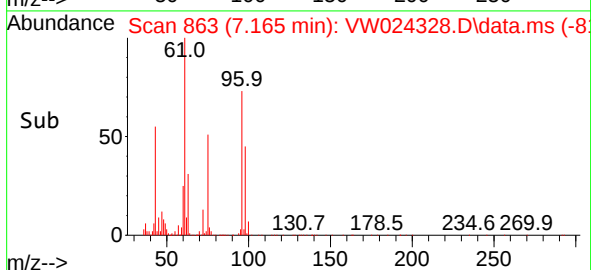
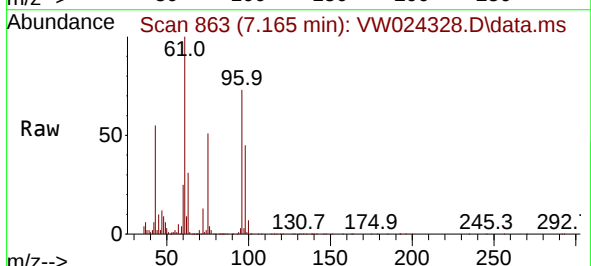
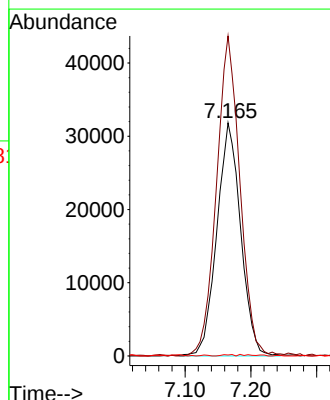
RT: 7.165 min Scan# 863

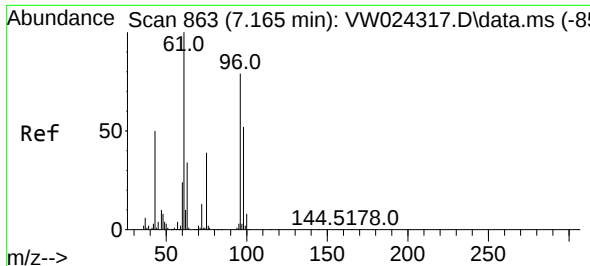
Delta R.T. 0.000 min

Lab File: VW024328.D

Acq: 24 Aug 2022 17:50

Tgt Ion: 96	Resp: 80231
Ion Ratio	Lower Upper
96 100	
61 137.3	89.5 166.3
68 0.7	0.1 0.1





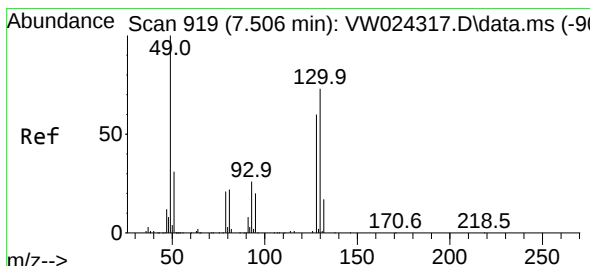
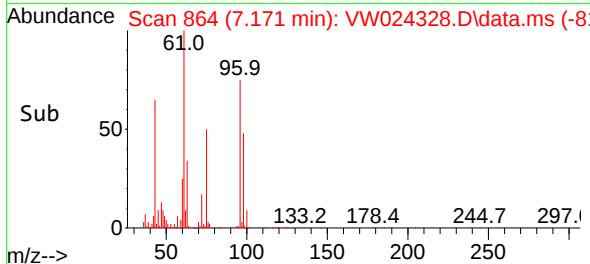
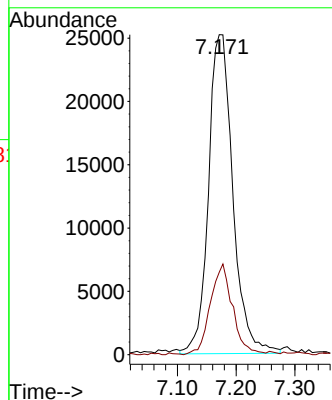
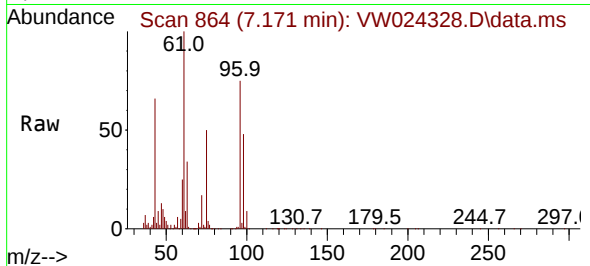
#22
2-Butanone
Concen: 67.502 ug/L
RT: 7.171 min Scan# 864
Delta R.T. 0.006 min
Lab File: VW024328.D
Acq: 24 Aug 2022 17:50

Instrument :
MSVOA_W
ClientSampleId :
EY163MS

Tgt Ion: 43 Resp: 7268
Ion Ratio Lower Upper
43 100
72 25.9 14.3 42.9

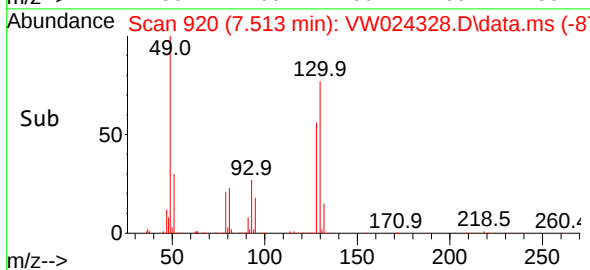
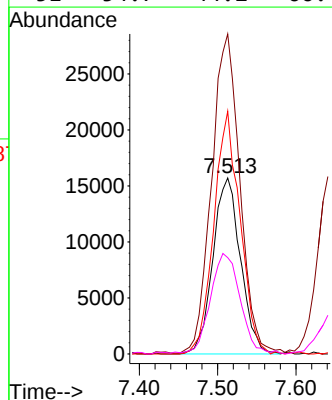
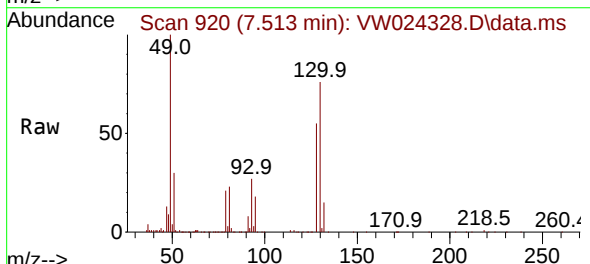
Manual Integrations
APPROVED

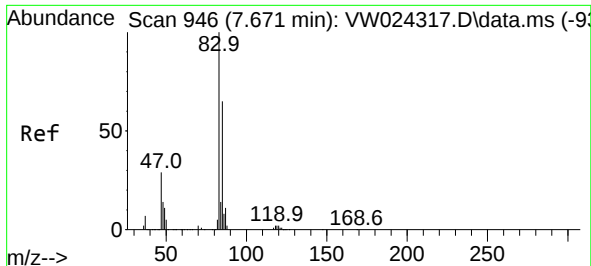
Reviewed By :Semsettin Yesilyurt 08/25/2022
Supervised By :Mahesh Dadoda 08/25/2022



#23
Bromochloromethane
Concen: 22.712 ug/L
RT: 7.513 min Scan# 920
Delta R.T. 0.006 min
Lab File: VW024328.D
Acq: 24 Aug 2022 17:50

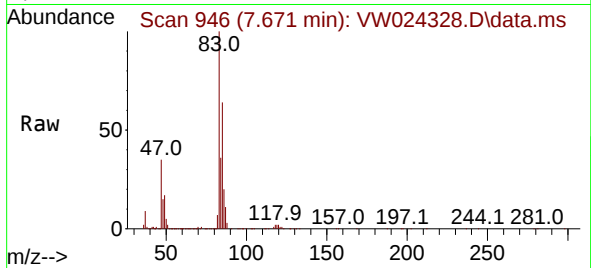
Tgt Ion:128 Resp: 38490
Ion Ratio Lower Upper
128 100
49 181.8 106.6 198.0
130 137.8 88.1 163.5
51 54.7 44.2 66.4





#25
Chloroform
Concen: 28.282 ug/L
RT: 7.671 min Scan# 946
Delta R.T. 0.000 min
Lab File: VW024328.D
Acq: 24 Aug 2022 17:50

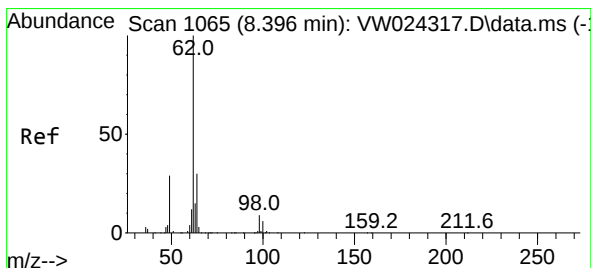
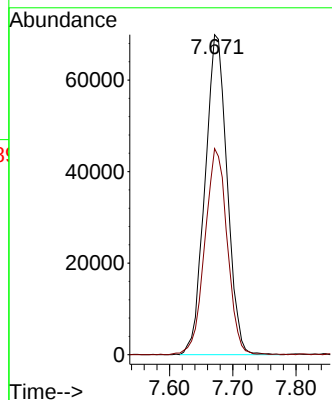
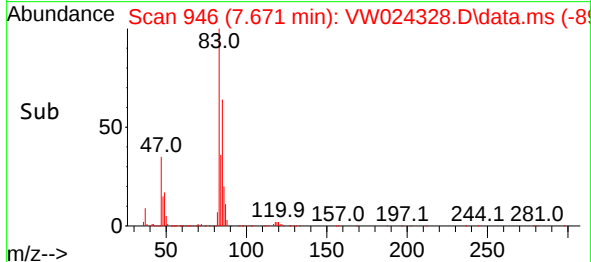
Instrument :
MSVOA_W
ClientSampleId :
EY163MS



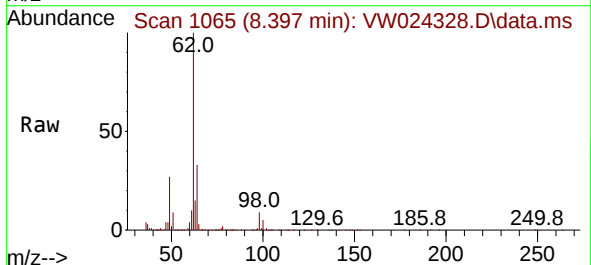
Tgt Ion: 83 Resp: 170098
Ion Ratio Lower Upper
83 100
85 64.4 42.9 79.7

Manual Integrations
APPROVED

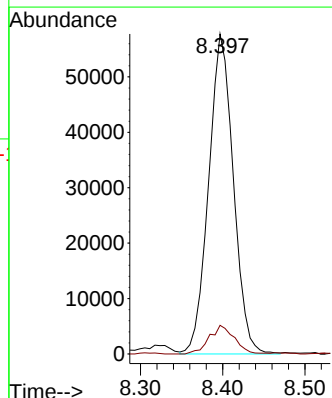
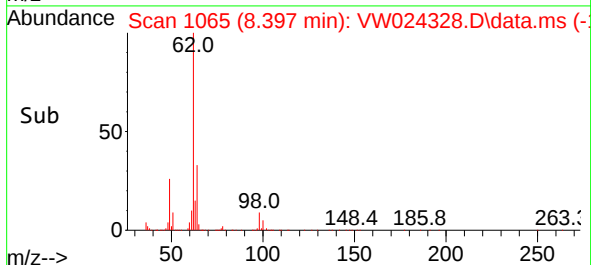
Reviewed By :Semsettin Yesilyurt 08/25/2022
Supervised By :Mahesh Dadoda 08/25/2022

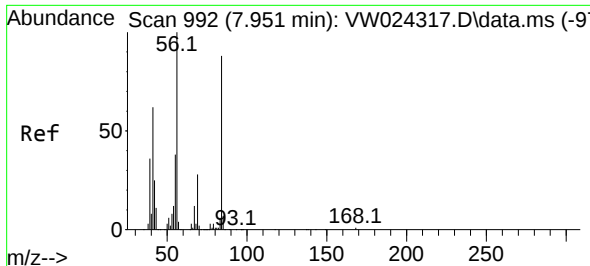


#27
1,2-Dichloroethane
Concen: 29.842 ug/L
RT: 8.397 min Scan# 1065
Delta R.T. 0.000 min
Lab File: VW024328.D
Acq: 24 Aug 2022 17:50



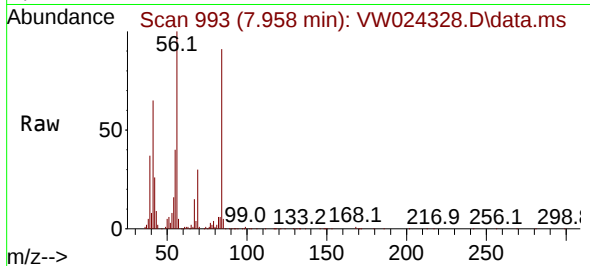
Tgt Ion: 62 Resp: 120771
Ion Ratio Lower Upper
62 100
98 9.0 7.4 11.0





#29
Cyclohexane
Concen: 24.248 ug/L
RT: 7.958 min Scan# 992
Delta R.T. 0.006 min
Lab File: VW024328.D
Acq: 24 Aug 2022 17:50

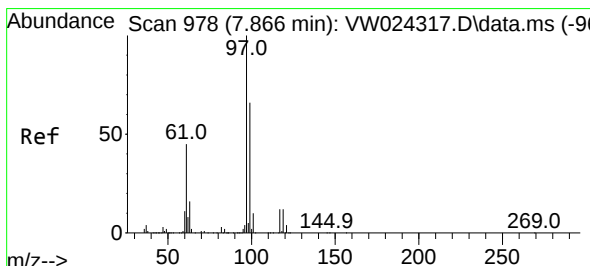
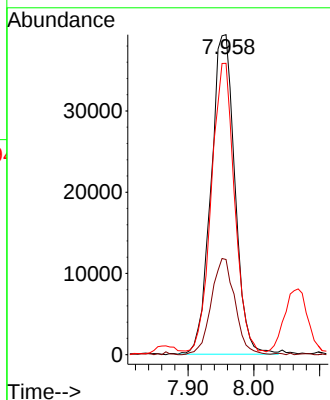
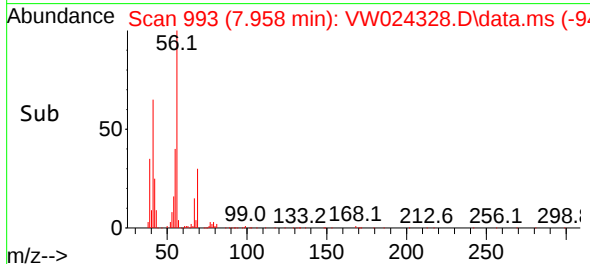
Instrument :
MSVOA_W
ClientSampleId :
EY163MS



Tgt Ion: 56 Resp: 9941
Ion Ratio Lower Upper
56 100
69 29.9 24.5 36.7
84 89.7 75.5 113.3

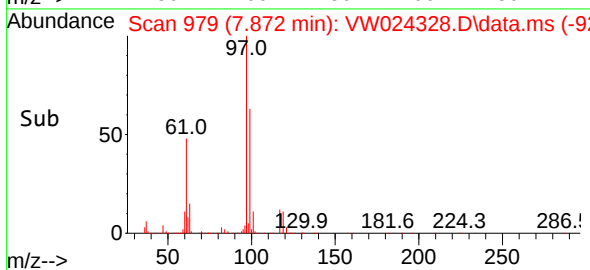
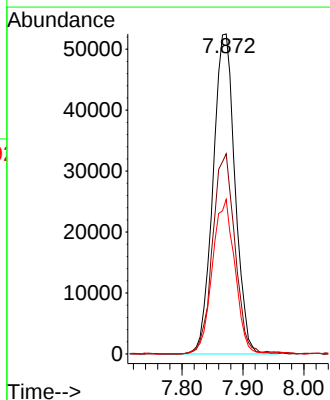
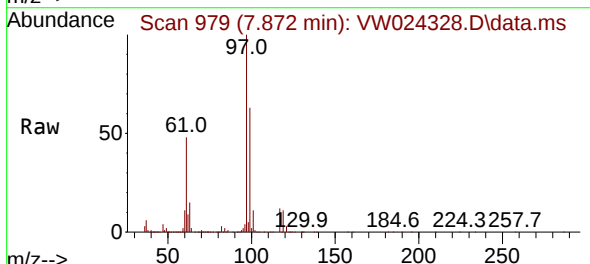
Manual Integrations
APPROVED

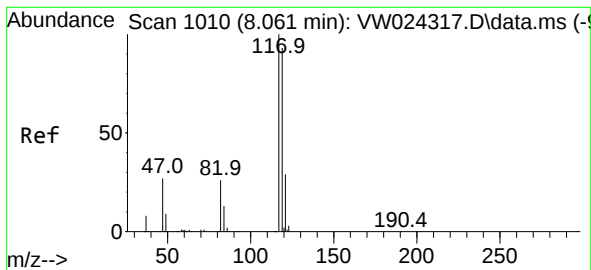
Reviewed By :Semsettin Yesilyurt 08/25/2022
Supervised By :Mahesh Dadoda 08/25/2022



#30
1,1,1-Trichloroethane
Concen: 29.233 ug/L
RT: 7.872 min Scan# 979
Delta R.T. 0.006 min
Lab File: VW024328.D
Acq: 24 Aug 2022 17:50

Tgt Ion: 97 Resp: 131837
Ion Ratio Lower Upper
97 100
99 63.2 51.0 76.6
61 49.3 36.2 54.2





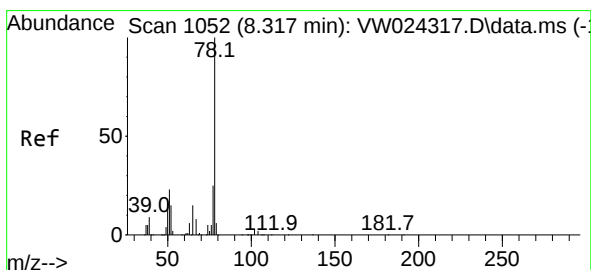
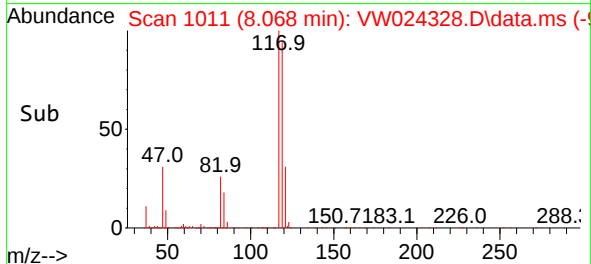
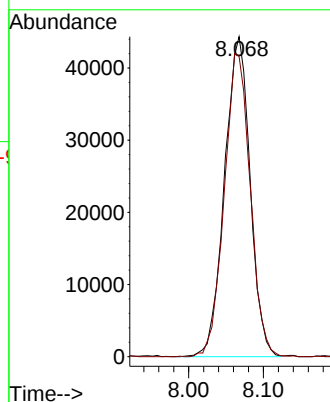
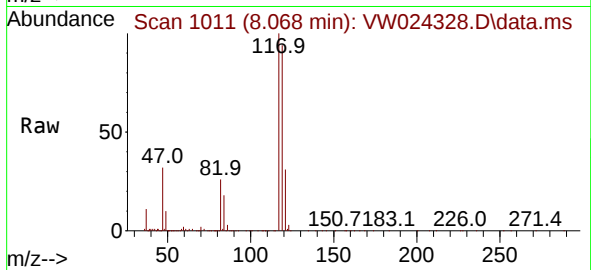
#31
Carbon tetrachloride
Concen: 24.818 ug/L
RT: 8.068 min Scan# 1010
Delta R.T. 0.006 min
Lab File: VW024328.D
Acq: 24 Aug 2022 17:50

Instrument :
MSVOA_W
ClientSampleId :
EY163MS

Tgt Ion:117 Resp: 105592
Ion Ratio Lower Upper
117 100
119 96.1 77.8 116.8

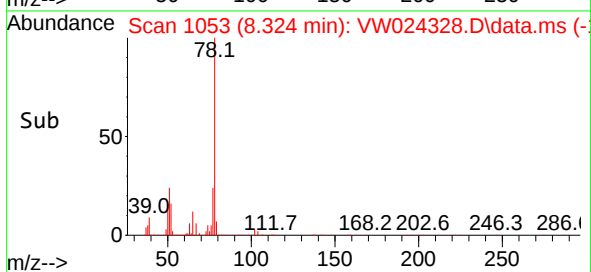
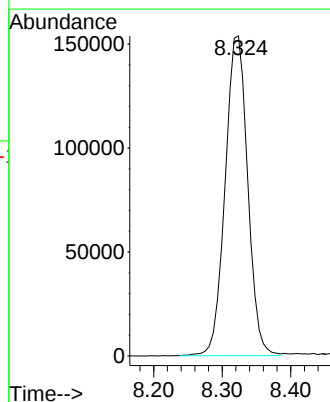
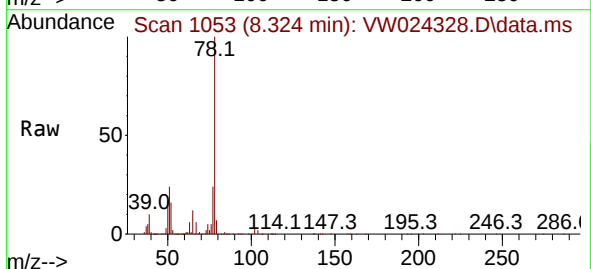
Manual Integrations
APPROVED

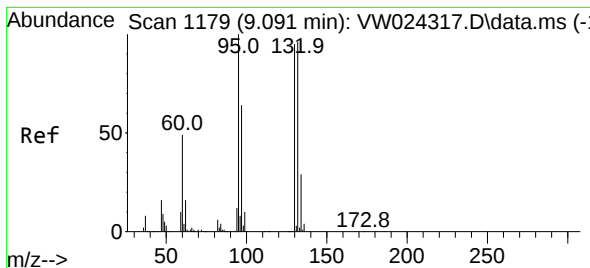
Reviewed By :Semsettin Yesilyurt 08/25/2022
Supervised By :Mahesh Dadoda 08/25/2022



#33
Benzene
Concen: 29.765 ug/L
RT: 8.324 min Scan# 1053
Delta R.T. 0.006 min
Lab File: VW024328.D
Acq: 24 Aug 2022 17:50

Tgt Ion: 78 Resp: 351558





#34

Trichloroethene

Concen: 24.506 ug/L

RT: 9.092 min Scan# 1179

Delta R.T. 0.000 min

Lab File: VW024328.D

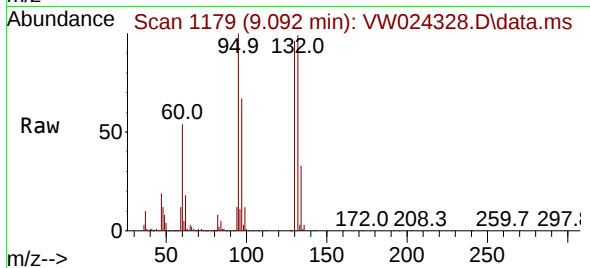
Acq: 24 Aug 2022 17:50

Instrument :

MSVOA_W

ClientSampleId :

EY163MS



Tgt Ion: 95 Resp: 7650

Ion Ratio Lower Upper

95 100

97 67.5 41.6 77.2

132 99.2 67.0 124.4

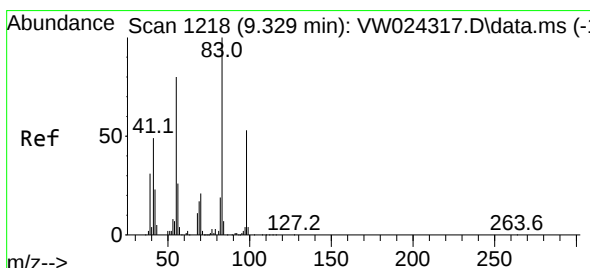
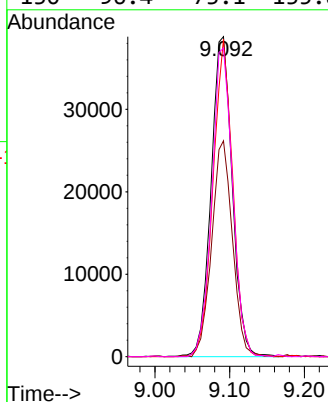
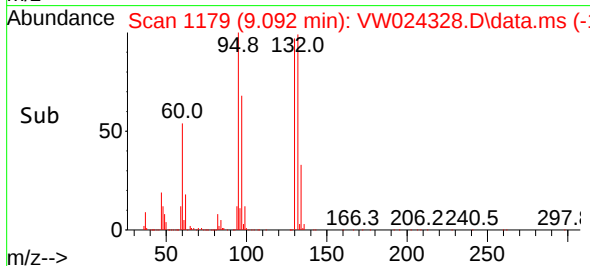
130 96.4 73.1 135.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/25/2022

Supervised By :Mahesh Dadoda 08/25/2022



#35

Methylcyclohexane

Concen: 20.459 ug/L

RT: 9.329 min Scan# 1218

Delta R.T. 0.000 min

Lab File: VW024328.D

Acq: 24 Aug 2022 17:50

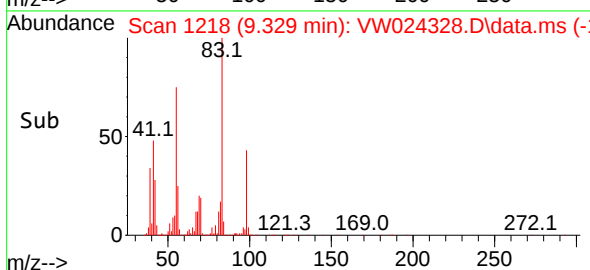
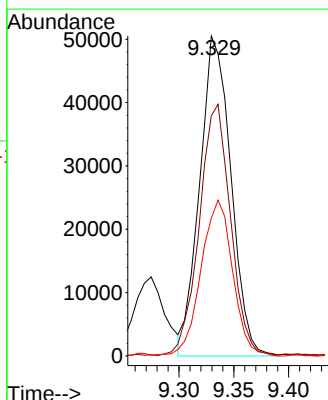
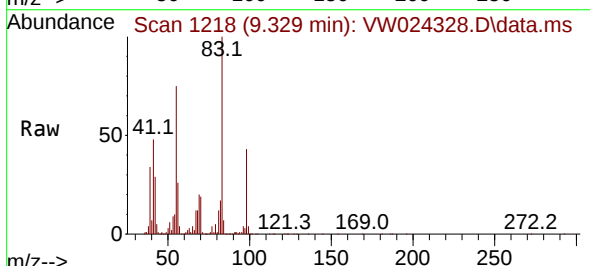
Tgt Ion: 83 Resp: 100158

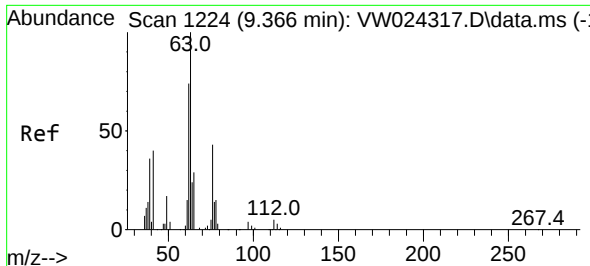
Ion Ratio Lower Upper

83 100

55 78.3 59.1 88.7

98 49.3 40.8 61.2





#37

1,2-Dichloropropane

Concen: 32.480 ug/L

RT: 9.366 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW024328.D

Acq: 24 Aug 2022 17:50

Instrument :

MSVOA_W

ClientSampleId :

EY163MS

Tgt Ion: 63 Resp: 9483

Ion Ratio Lower Upper

63 100

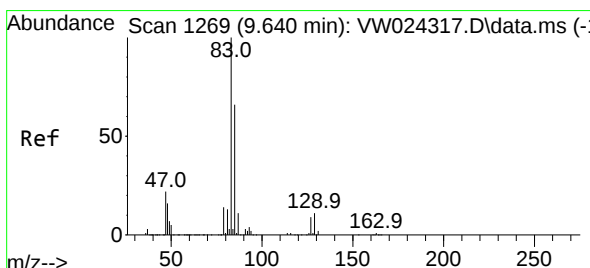
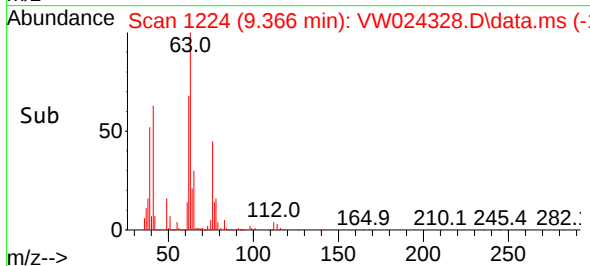
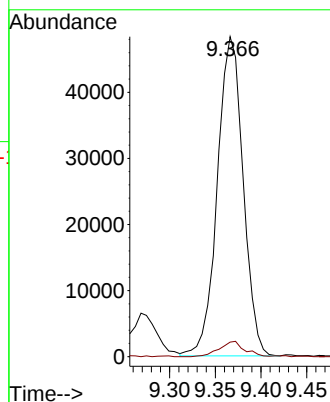
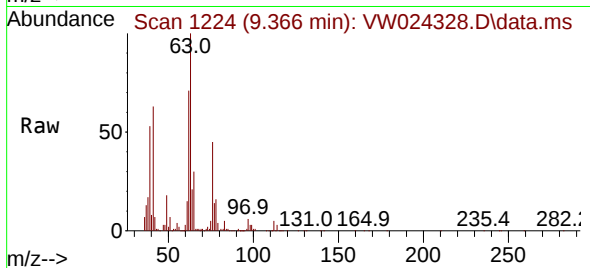
112 4.7 3.8 5.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/25/2022

Supervised By :Mahesh Dadoda 08/25/2022



#38

Bromodichloromethane

Concen: 30.529 ug/L

RT: 9.646 min Scan# 1270

Delta R.T. 0.006 min

Lab File: VW024328.D

Acq: 24 Aug 2022 17:50

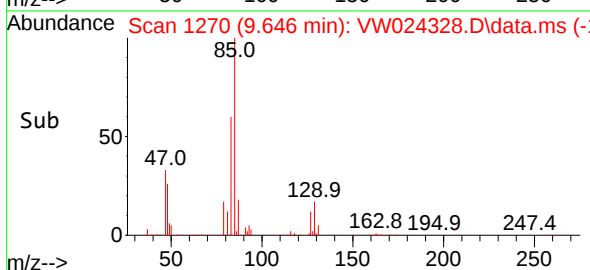
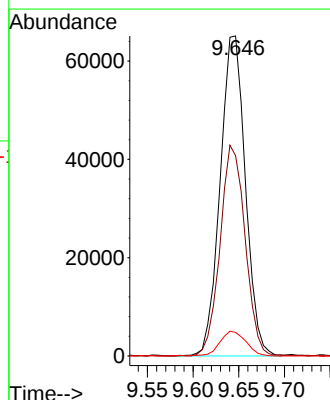
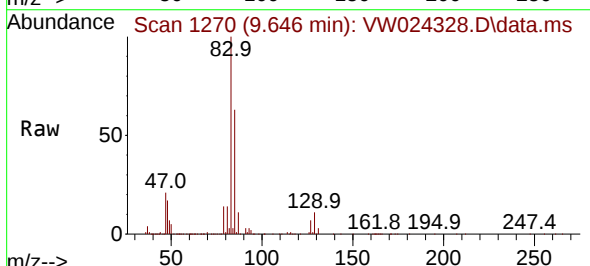
Tgt Ion: 83 Resp: 125020

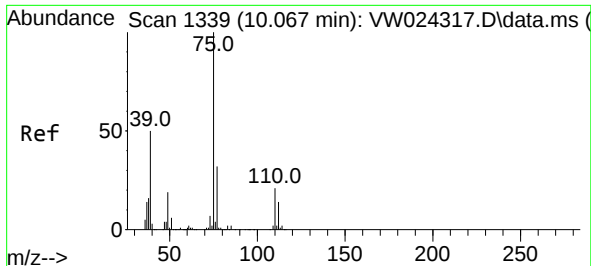
Ion Ratio Lower Upper

83 100

85 62.6 43.7 81.1

127 7.3 6.9 10.3





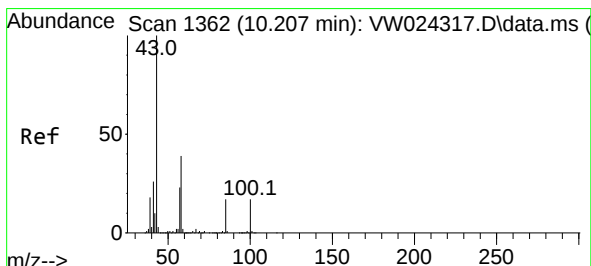
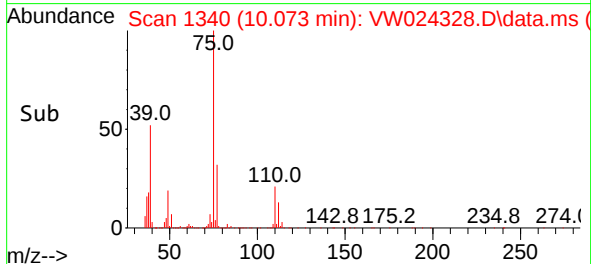
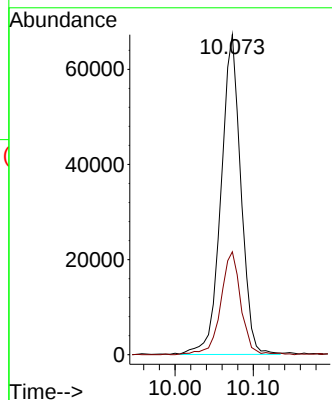
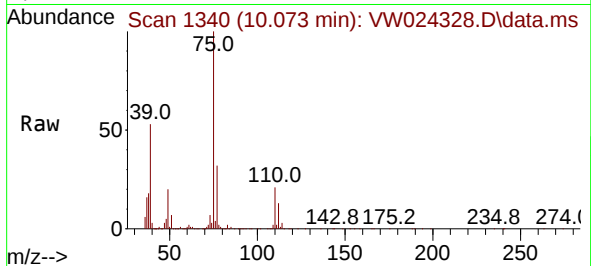
#39
cis-1,3-Dichloropropene
Concen: 27.555 ug/L
RT: 10.073 min Scan# 11
Delta R.T. 0.006 min
Lab File: VW024328.D
Acq: 24 Aug 2022 17:50

Instrument :
MSVOA_W
ClientSampleId :
EY163MS

Tgt Ion: 75 Resp: 11836
Ion Ratio Lower Upper
75 100
77 32.2 23.4 43.6

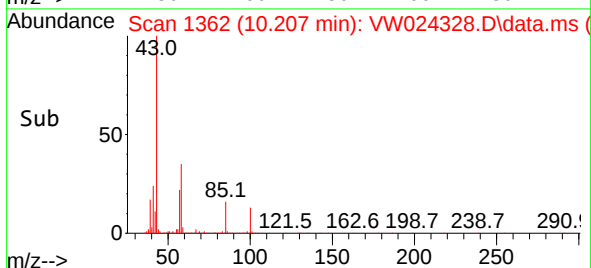
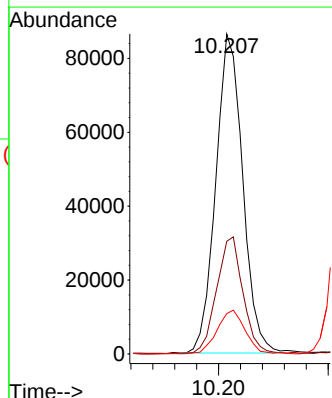
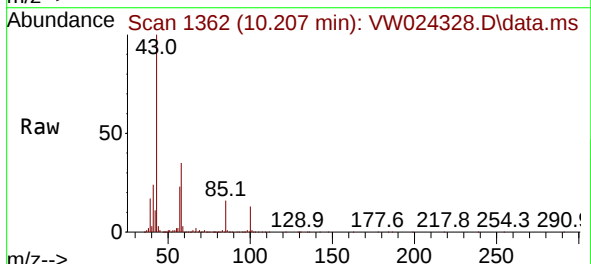
Manual Integrations
APPROVED

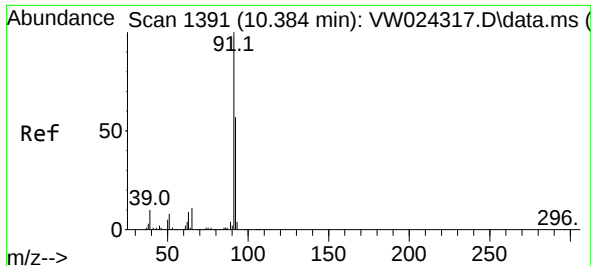
Reviewed By :Semsettin Yesilyurt 08/25/2022
Supervised By :Mahesh Dadoda 08/25/2022



#40
4-Methyl-2-pentanone
Concen: 75.949 ug/L
RT: 10.207 min Scan# 1362
Delta R.T. 0.000 min
Lab File: VW024328.D
Acq: 24 Aug 2022 17:50

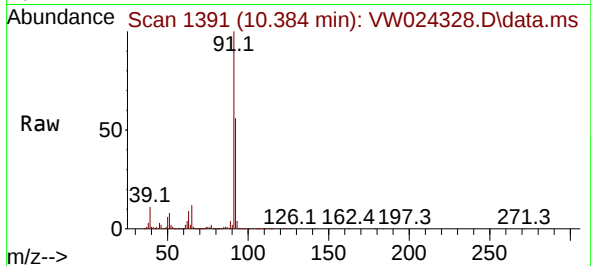
Tgt Ion: 43 Resp: 147169
Ion Ratio Lower Upper
43 100
58 36.2 30.5 45.7
100 14.1 13.8 20.6





#42
Toluene
Concen: 28.950 ug/L
RT: 10.384 min Scan# 1391
Delta R.T. 0.000 min
Lab File: VW024328.D
Acq: 24 Aug 2022 17:50

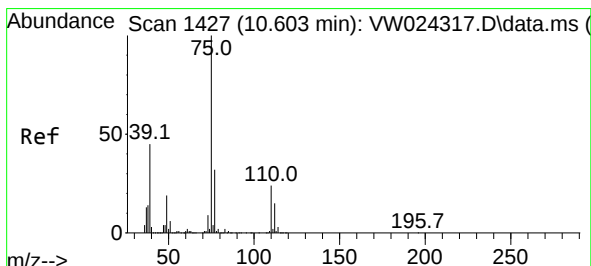
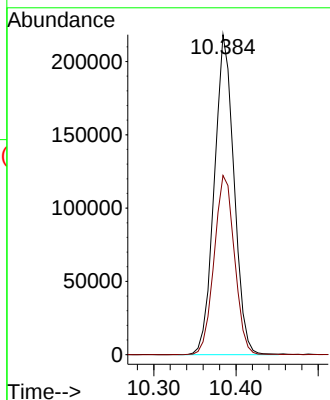
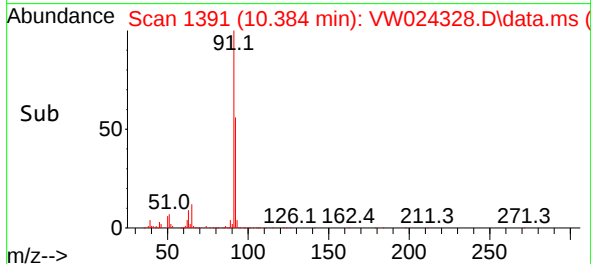
Instrument :
MSVOA_W
ClientSampleId :
EY163MS



Tgt Ion: 91 Resp: 36335
Ion Ratio Lower Upper
91 100
92 56.0 41.4 77.0

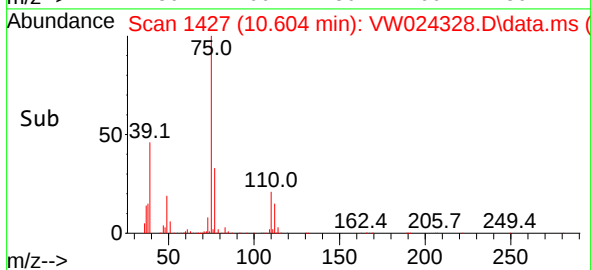
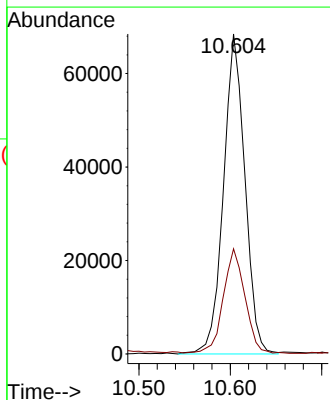
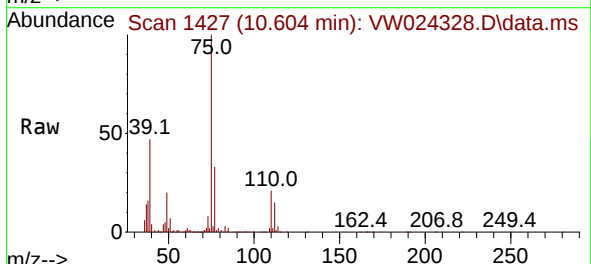
Manual Integrations
APPROVED

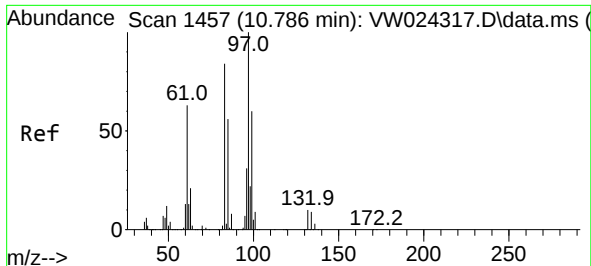
Reviewed By :Semsettin Yesilyurt 08/25/2022
Supervised By :Mahesh Dadoda 08/25/2022



#44
trans-1,3-Dichloropropene
Concen: 28.454 ug/L
RT: 10.604 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VW024328.D
Acq: 24 Aug 2022 17:50

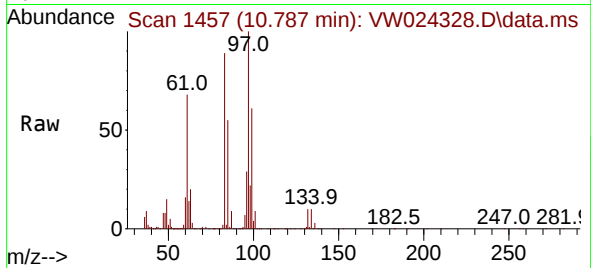
Tgt Ion: 75 Resp: 111681
Ion Ratio Lower Upper
75 100
77 32.8 22.4 41.6





#45
1,1,2-Trichloroethane
Concen: 31.034 ug/L
RT: 10.787 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VW024328.D
Acq: 24 Aug 2022 17:50

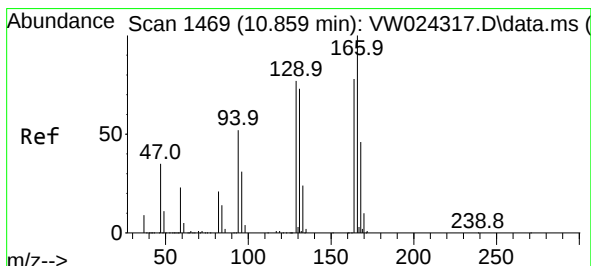
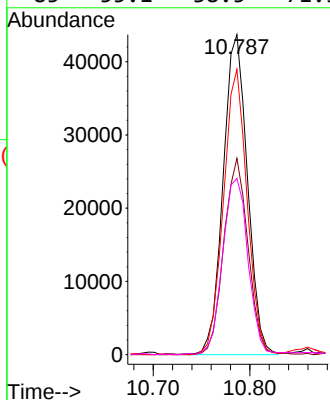
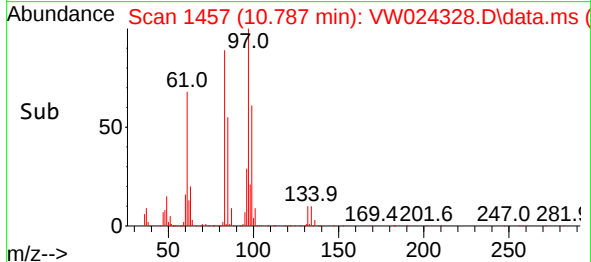
Instrument :
MSVOA_W
ClientSampleId :
EY163MS



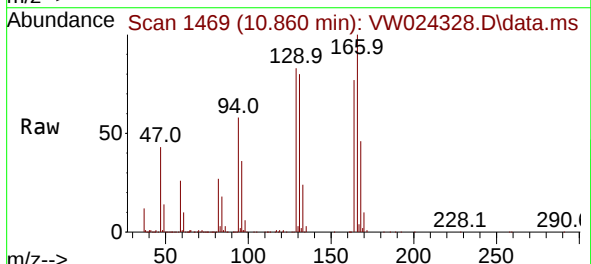
Tgt Ion:	97	Resp:	7637
Ion Ratio	100	Lower	Upper
97	100		
99	61.4	43.8	81.3
83	89.1	56.4	104.7
85	55.1	38.5	71.5

Manual Integrations
APPROVED

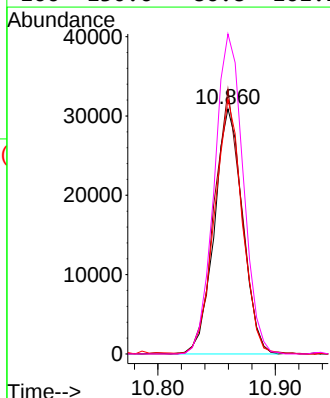
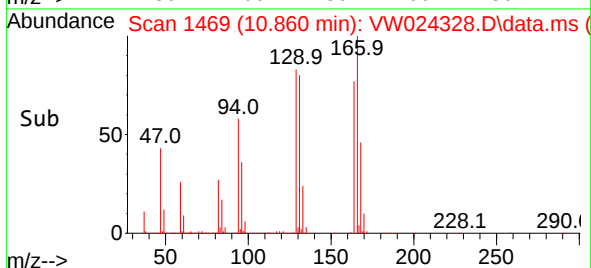
Reviewed By :Semsettin Yesilyurt 08/25/2022
Supervised By :Mahesh Dadoda 08/25/2022

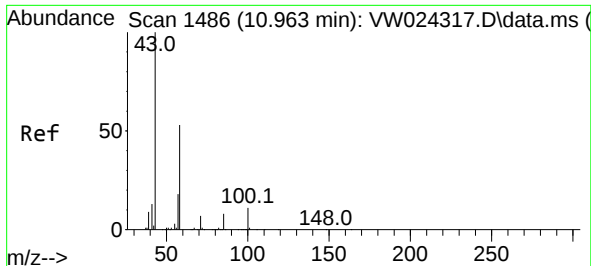


#46
Tetrachloroethene
Concen: 20.442 ug/L
RT: 10.860 min Scan# 1469
Delta R.T. 0.000 min
Lab File: VW024328.D
Acq: 24 Aug 2022 17:50



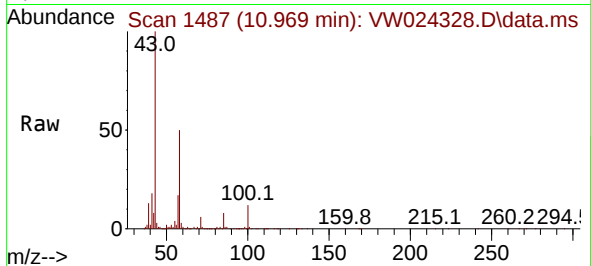
Tgt Ion:	164	Resp:	51664
Ion Ratio	100	Lower	Upper
164	100		
129	108.0	63.1	117.3
131	103.8	63.9	118.7
166	130.6	86.8	161.2





#48
2-Hexanone
Concen: 78.257 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. 0.006 min
Lab File: VW024328.D
Acq: 24 Aug 2022 17:50

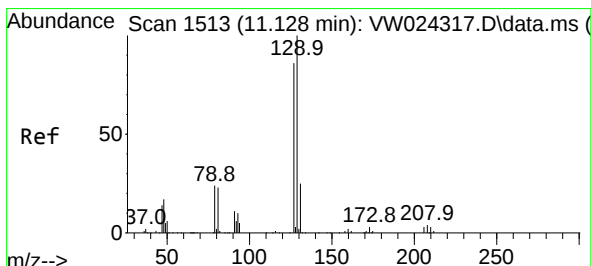
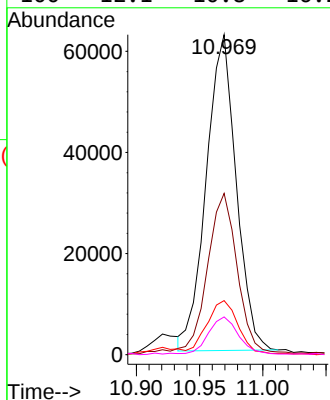
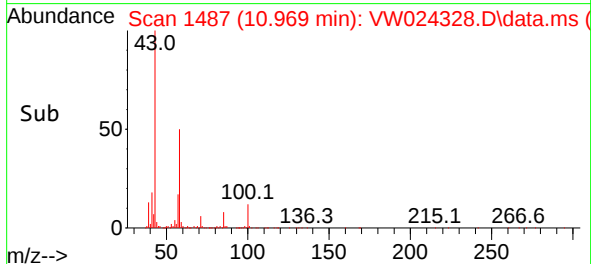
Instrument :
MSVOA_W
ClientSampleId :
EY163MS



Tgt Ion: 43 Resp: 10291
Ion Ratio Lower Upper
43 100
58 51.6 43.4 65.0
57 17.8 15.0 22.4
100 12.1 10.8 16.2

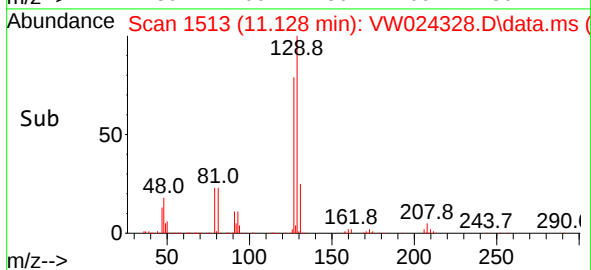
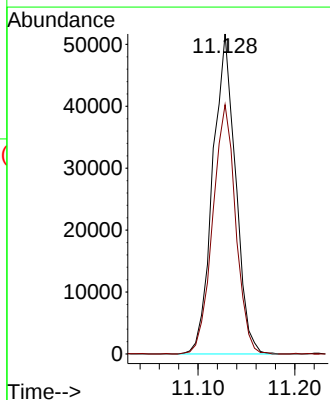
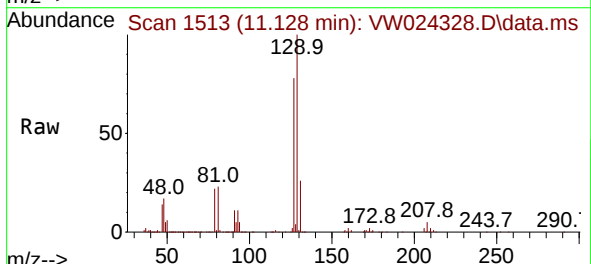
Manual Integrations
APPROVED

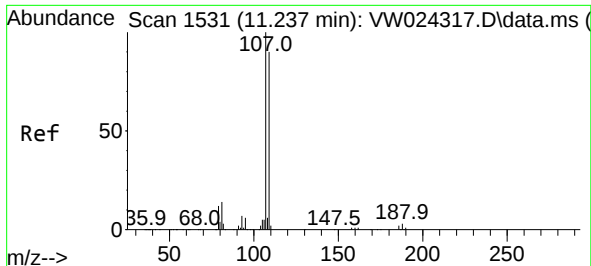
Reviewed By :Semsettin Yesilyurt 08/25/2022
Supervised By :Mahesh Dadoda 08/25/2022



#49
Dibromochloromethane
Concen: 28.542 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VW024328.D
Acq: 24 Aug 2022 17:50

Tgt Ion:129 Resp: 84560
Ion Ratio Lower Upper
129 100
127 77.9 52.3 97.1





#50

1,2-Dibromoethane

Concen: 28.189 ug/L

RT: 11.232 min Scan# 1531

Delta R.T. -0.006 min

Lab File: VW024328.D

Acq: 24 Aug 2022 17:50

Instrument :

MSVOA_W

ClientSampleId :

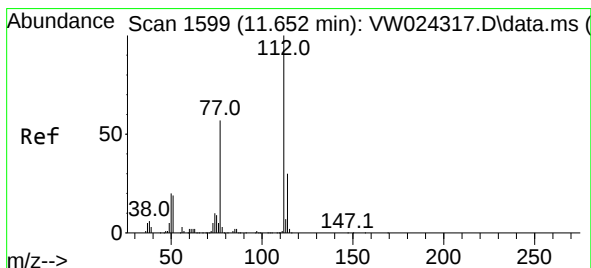
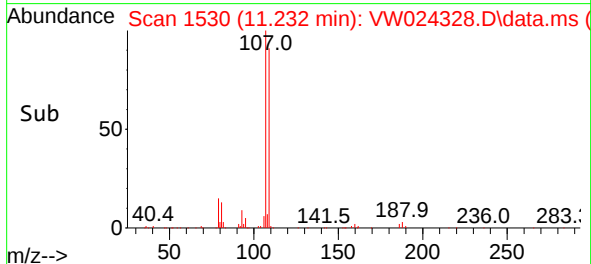
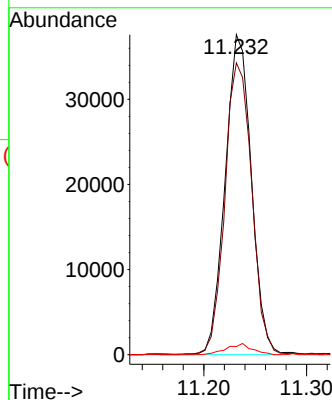
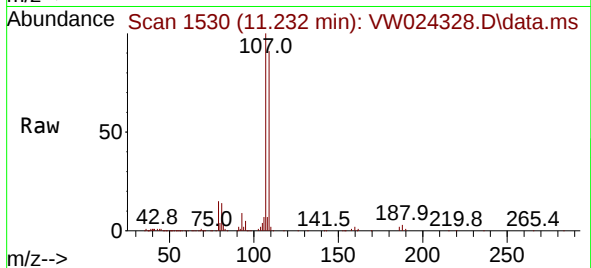
EY163MS

Tgt Ion:	107	Resp:	6646
Ion Ratio	Lower	Upper	
107	100		
109	91.2	64.0	119.0
188	2.5	3.1	4.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/25/2022
Supervised By :Mahesh Dadoda 08/25/2022



#51

Chlorobenzene

Concen: 23.969 ug/L

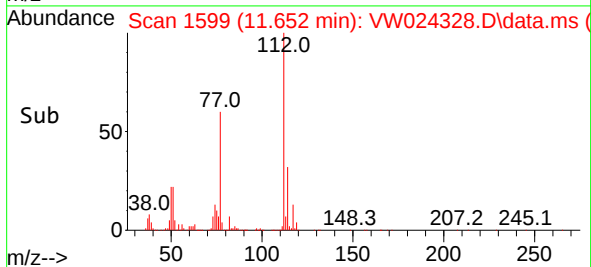
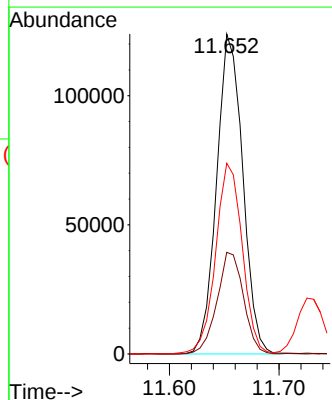
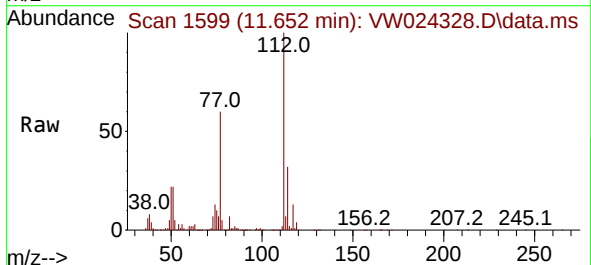
RT: 11.652 min Scan# 1599

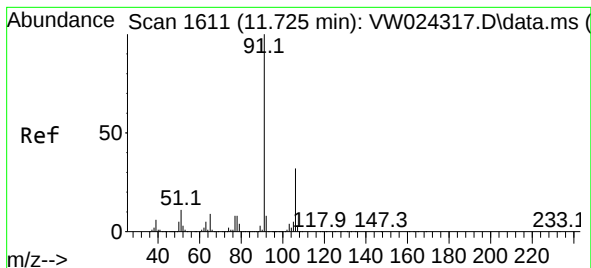
Delta R.T. 0.000 min

Lab File: VW024328.D

Acq: 24 Aug 2022 17:50

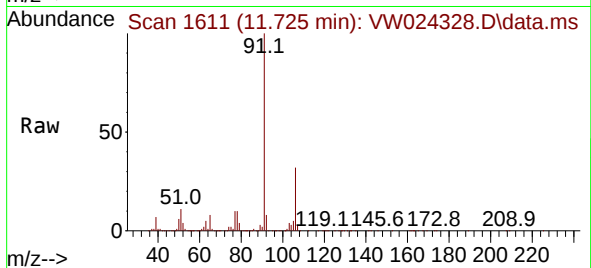
Tgt Ion:	112	Resp:	205549
Ion Ratio	Lower	Upper	
112	100		
114	31.8	20.7	38.5
77	59.6	41.4	62.2





#52
Ethylbenzene
Concen: 26.725 ug/L
RT: 11.725 min Scan# 1611
Delta R.T. 0.000 min
Lab File: VW024328.D
Acq: 24 Aug 2022 17:50

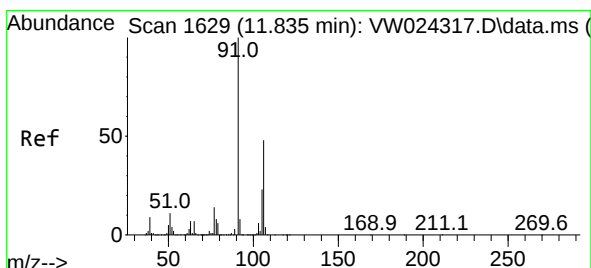
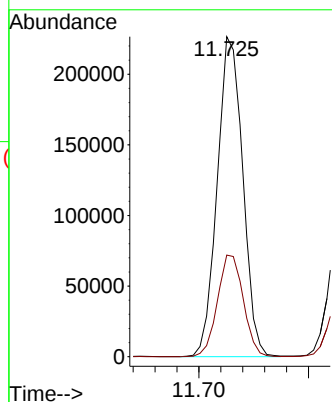
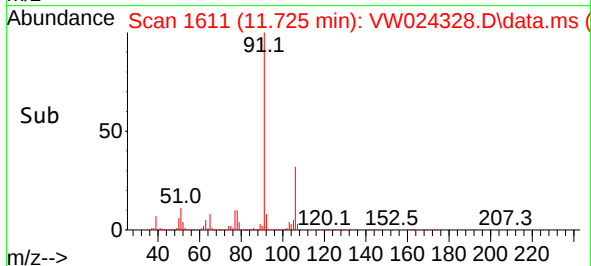
Instrument :
MSVOA_W
ClientSampleId :
EY163MS



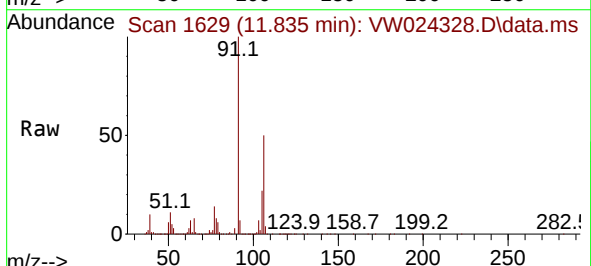
Tgt Ion: 91 Resp: 367500
Ion Ratio Lower Upper
91 100
106 31.7 21.9 40.7

Manual Integrations
APPROVED

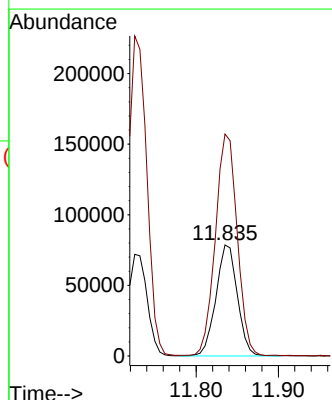
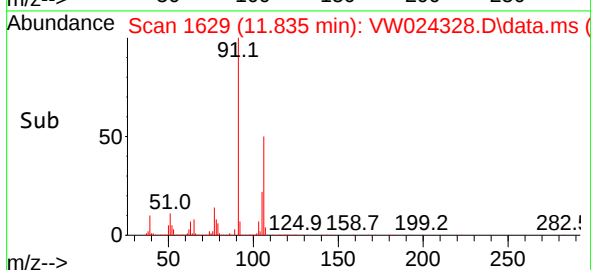
Reviewed By :Semsettin Yesilyurt 08/25/2022
Supervised By :Mahesh Dadoda 08/25/2022

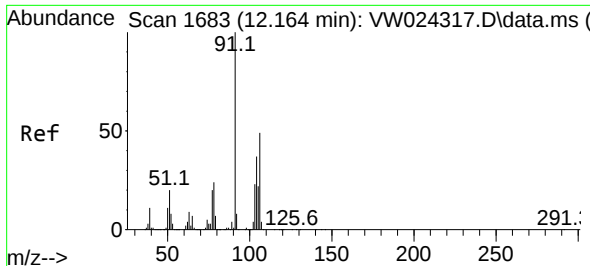


#53
m,p-Xylene
Concen: 26.595 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VW024328.D
Acq: 24 Aug 2022 17:50



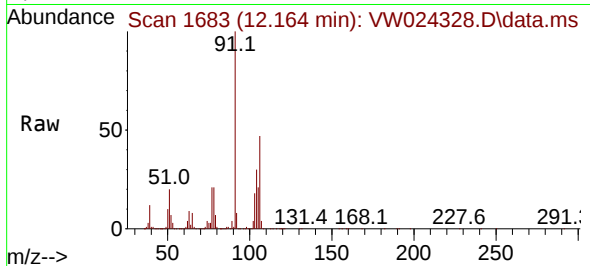
Tgt Ion:106 Resp: 142357
Ion Ratio Lower Upper
106 100
91 199.7 144.1 267.7





#54
o-Xylene
Concen: 27.478 ug/L
RT: 12.164 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW024328.D
Acq: 24 Aug 2022 17:50

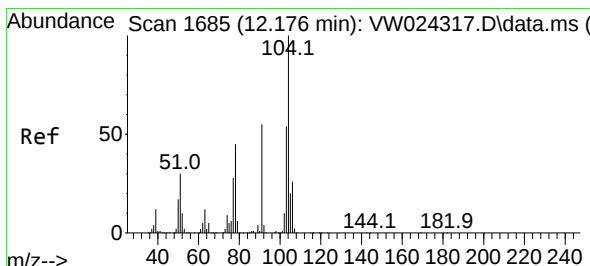
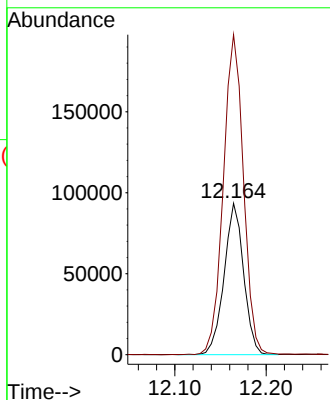
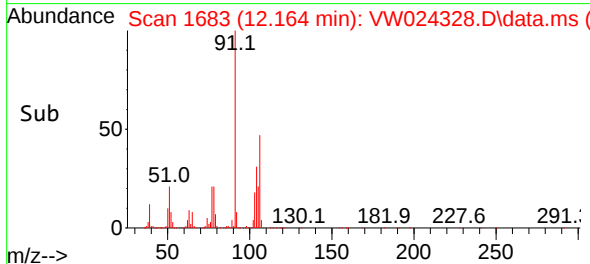
Instrument :
MSVOA_W
ClientSampleId :
EY163MS



Tgt Ion:106 Resp: 138950
Ion Ratio Lower Upper
106 100
91 211.3 150.9 280.3

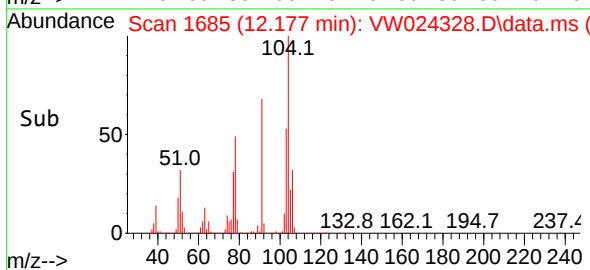
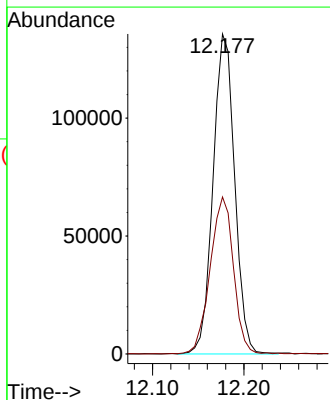
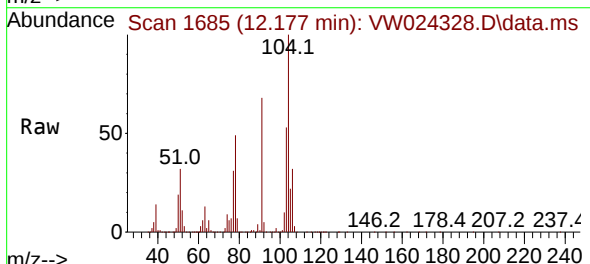
Manual Integrations
APPROVED

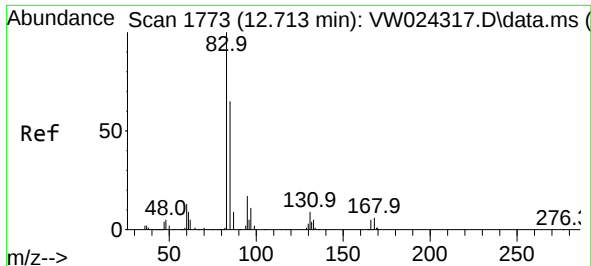
Reviewed By :Semsettin Yesilyurt 08/25/2022
Supervised By :Mahesh Dadoda 08/25/2022



#55
Styrene
Concen: 25.335 ug/L
RT: 12.177 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VW024328.D
Acq: 24 Aug 2022 17:50

Tgt Ion:104 Resp: 222828
Ion Ratio Lower Upper
104 100
78 49.0 31.1 57.7





#57

1,1,2,2-Tetrachloroethane

Concen: 33.026 ug/L

RT: 12.713 min Scan# 1773

Delta R.T. 0.000 min

Lab File: VW024328.D

Acq: 24 Aug 2022 17:50

Instrument :

MSVOA_W

ClientSampleId :

EY163MS

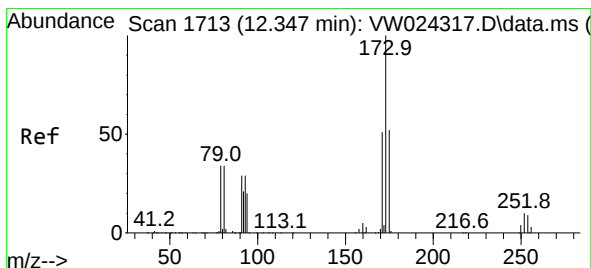
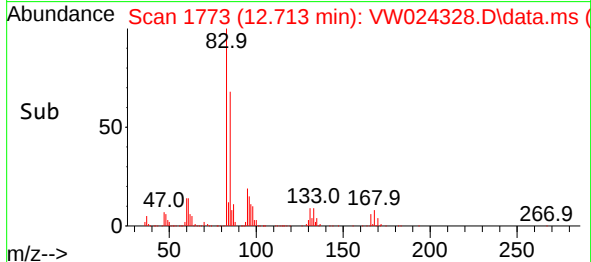
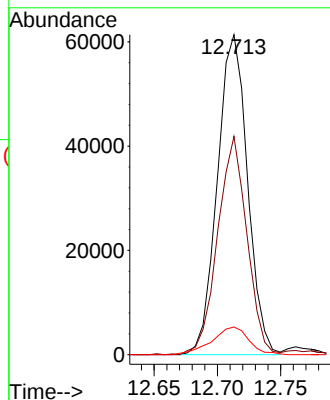
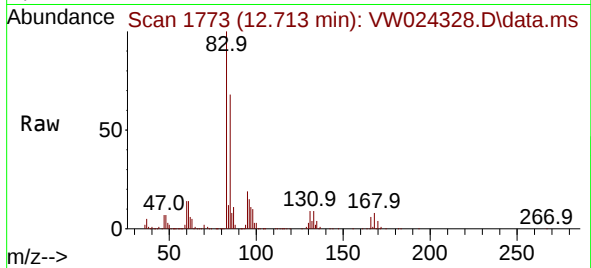
Tgt Ion:	83	Resp:	101572
Ion Ratio	Lower	Upper	
83	100		
85	68.2	44.1	81.9
131	8.7	8.3	12.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/25/2022

Supervised By :Mahesh Dadoda 08/25/2022



#59

Bromoform

Concen: 35.084 ug/L

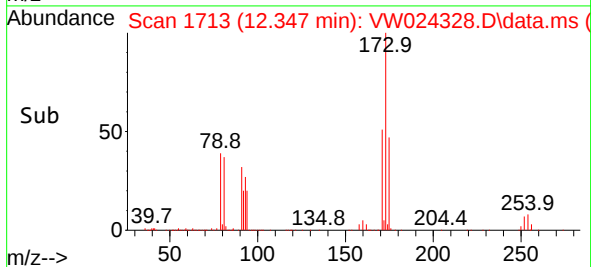
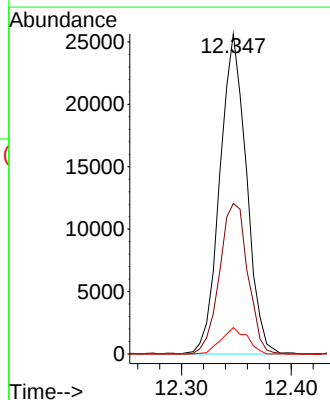
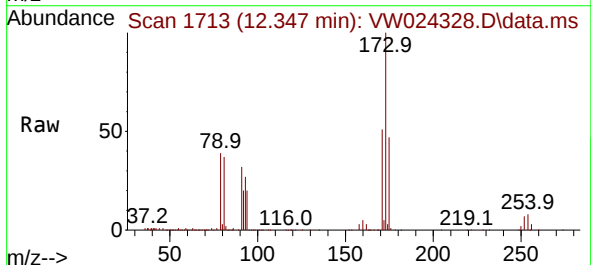
RT: 12.347 min Scan# 1713

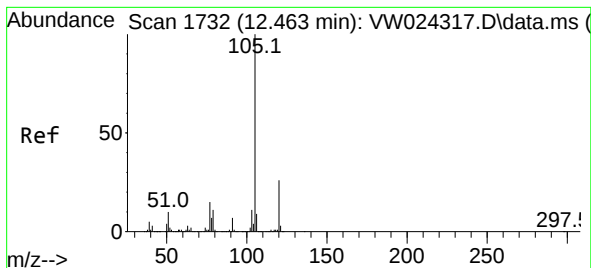
Delta R.T. 0.000 min

Lab File: VW024328.D

Acq: 24 Aug 2022 17:50

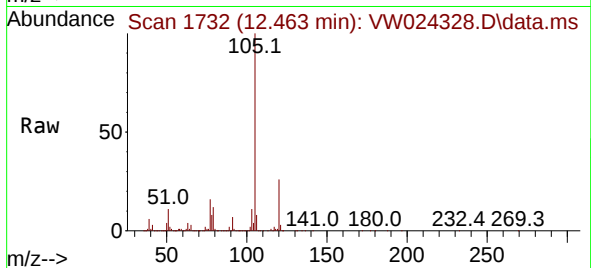
Tgt Ion:	173	Resp:	43152
Ion Ratio	Lower	Upper	
173	100		
175	50.0	39.0	58.6
254	8.1	6.8	10.2





#60
Isopropylbenzene
Concen: 37.741 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VW024328.D
Acq: 24 Aug 2022 17:50

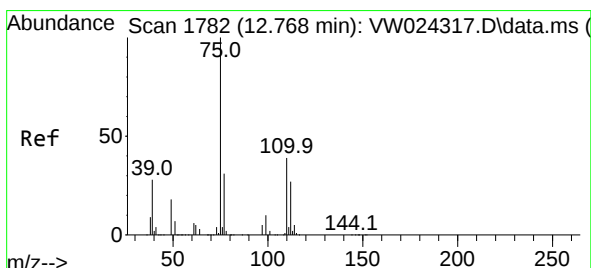
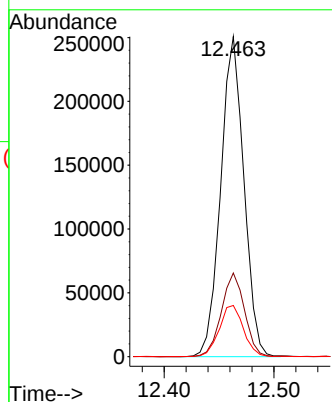
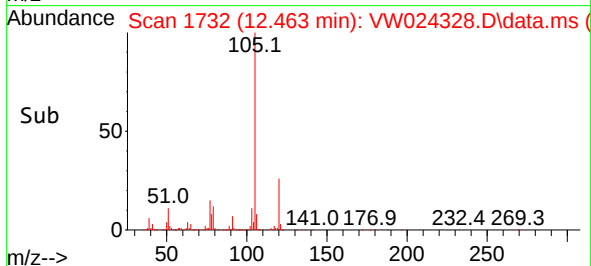
Instrument :
MSVOA_W
ClientSampleId :
EY163MS



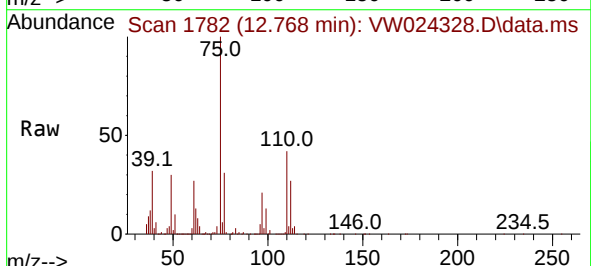
Tgt Ion:105 Resp: 368409
Ion Ratio Lower Upper
105 100
120 26.2 21.4 32.2
77 16.7 12.4 18.6

Manual Integrations
APPROVED

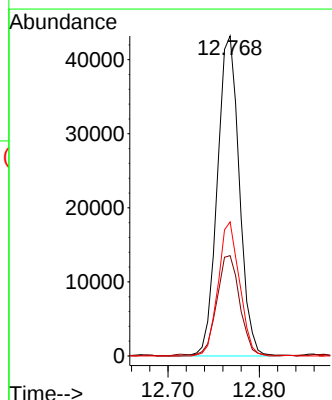
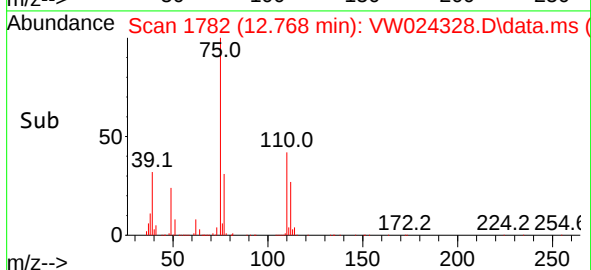
Reviewed By :Semsettin Yesilyurt 08/25/2022
Supervised By :Mahesh Dadoda 08/25/2022

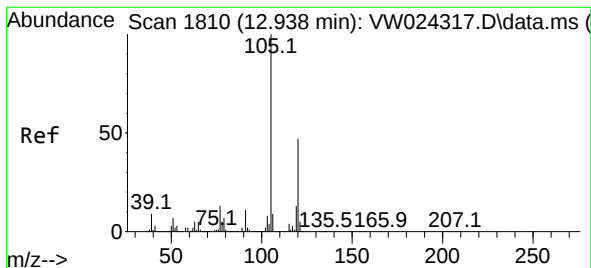


#61
1,2,3-Trichloropropane
Concen: 44.970 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. 0.000 min
Lab File: VW024328.D
Acq: 24 Aug 2022 17:50



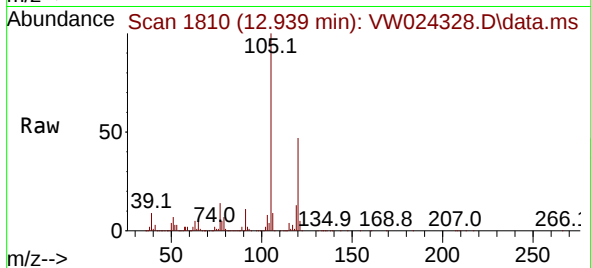
Tgt Ion: 75 Resp: 72165
Ion Ratio Lower Upper
75 100
77 32.6 26.2 39.4
110 40.8 33.6 50.4





#62
1,3,5-Trimethylbenzene
Concen: 34.117 ug/L
RT: 12.939 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VW024328.D
Acq: 24 Aug 2022 17:50

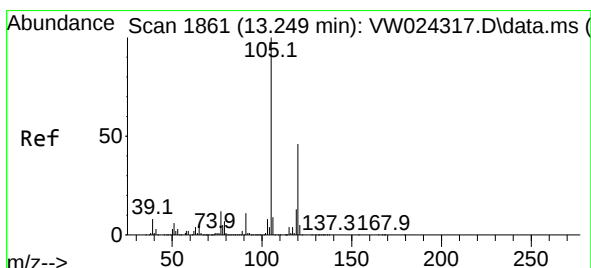
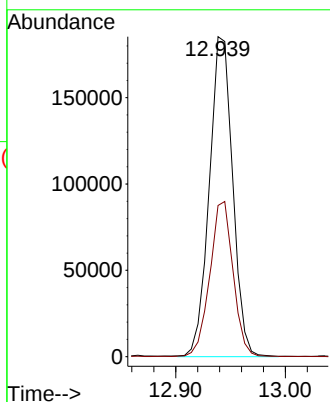
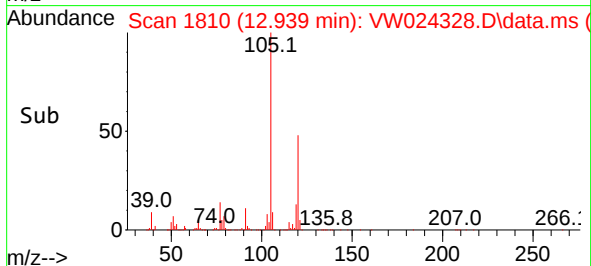
Instrument :
MSVOA_W
ClientSampleId :
EY163MS



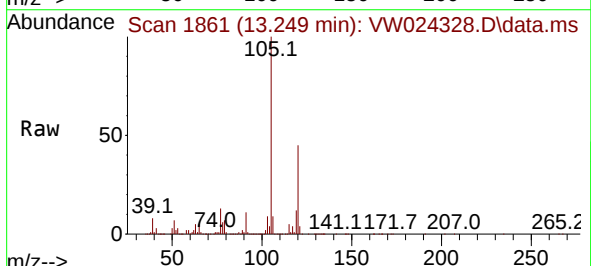
Tgt Ion:105 Resp: 275210
Ion Ratio Lower Upper
105 100
120 48.3 39.7 59.5

Manual Integrations
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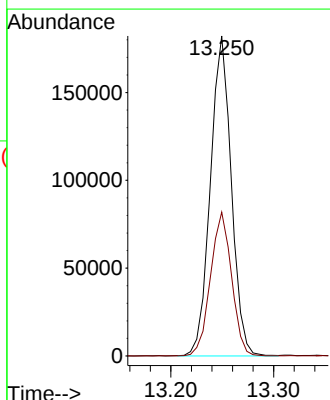
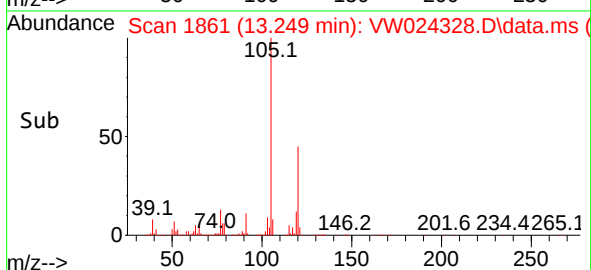
Reviewed By :Semsettin Yesilyurt 08/25/2022
Supervised By :Mahesh Dadoda 08/25/2022

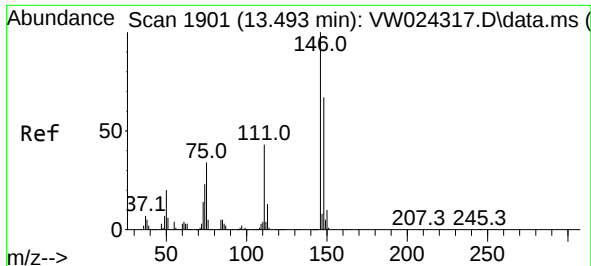


#63
1,2,4-Trimethylbenzene
Concen: 32.413 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. 0.000 min
Lab File: VW024328.D
Acq: 24 Aug 2022 17:50



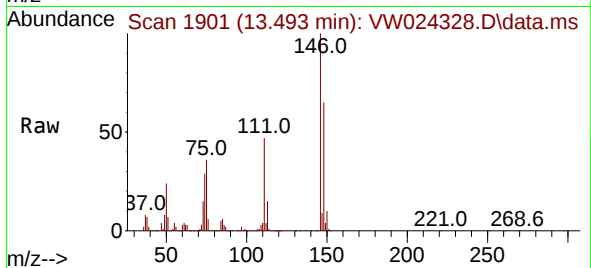
Tgt Ion:105 Resp: 257499
Ion Ratio Lower Upper
105 100
120 45.1 36.4 54.6





#64
1,3-Dichlorobenzene
Concen: 23.431 ug/L
RT: 13.493 min Scan# 1901
Delta R.T. 0.000 min
Lab File: VW024328.D
Acq: 24 Aug 2022 17:50

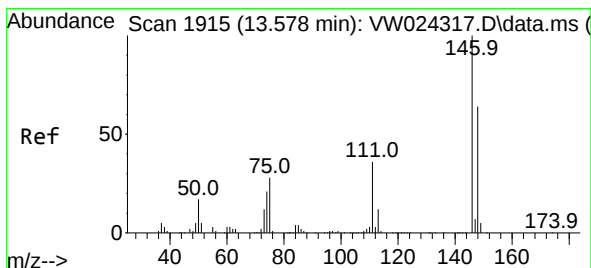
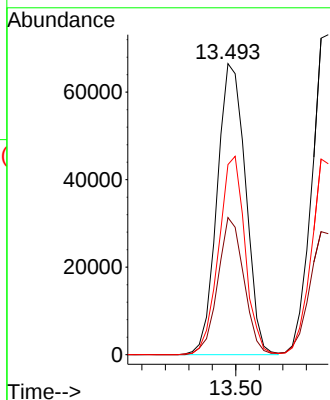
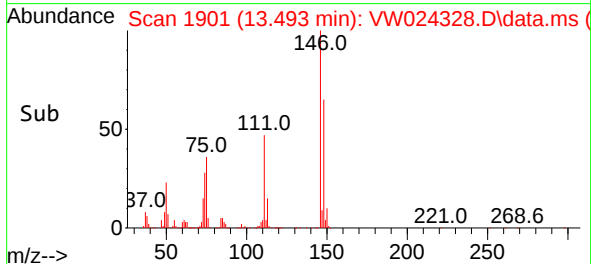
Instrument :
MSVOA_W
ClientSampleId :
EY163MS



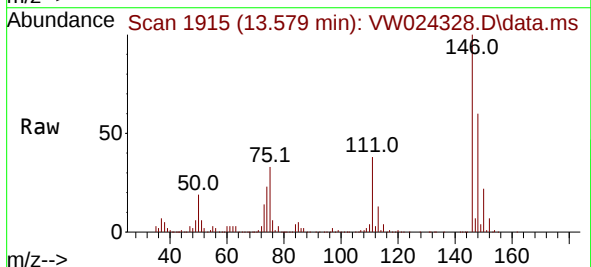
Tgt Ion:146 Resp: 11198
Ion Ratio Lower Upper
146 100
111 47.1 28.0 52.0
148 65.3 46.5 86.3

Manual Integrations
APPROVED

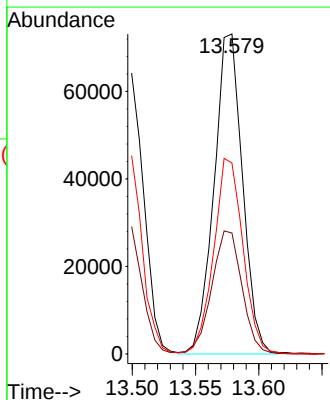
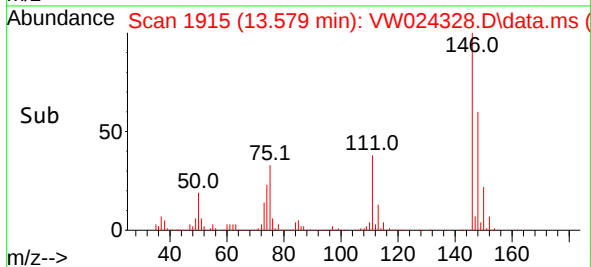
Reviewed By :Semsettin Yesilyurt 08/25/2022
Supervised By :Mahesh Dadoda 08/25/2022

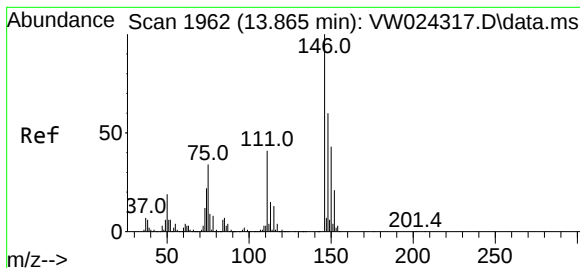


#65
1,4-Dichlorobenzene
Concen: 22.649 ug/L
RT: 13.579 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VW024328.D
Acq: 24 Aug 2022 17:50



Tgt Ion:146 Resp: 114638
Ion Ratio Lower Upper
146 100
111 37.8 27.6 51.4
148 59.7 40.5 75.3





#67

1,2-Dichlorobenzene

Concen: 24.198 ug/L

RT: 13.865 min Scan# 1962

Delta R.T. 0.000 min

Lab File: VW024328.D

Acq: 24 Aug 2022 17:50

Instrument :

MSVOA_W

ClientSampleId :

EY163MS

Tgt Ion:146 Resp: 109838

Ion Ratio Lower Upper

146 100

111 45.7 29.0 43.6

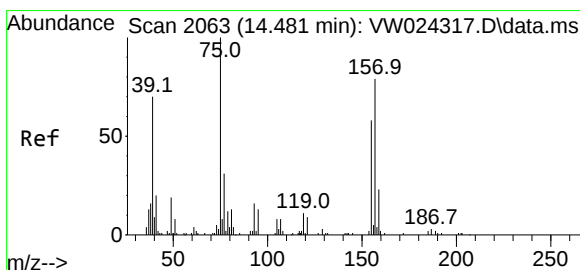
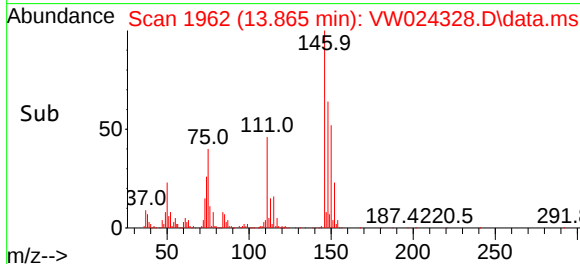
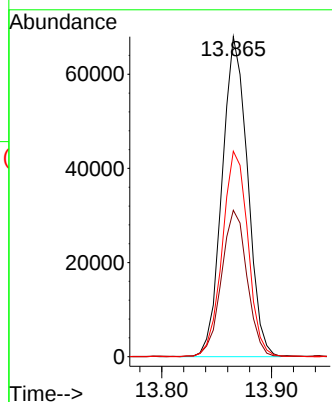
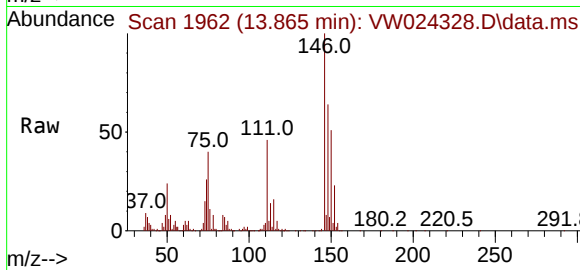
148 64.2 47.8 71.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/25/2022

Supervised By :Mahesh Dadoda 08/25/2022



#68

1,2-Dibromo-3-chloropropane

Concen: 38.829 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. 0.000 min

Lab File: VW024328.D

Acq: 24 Aug 2022 17:50

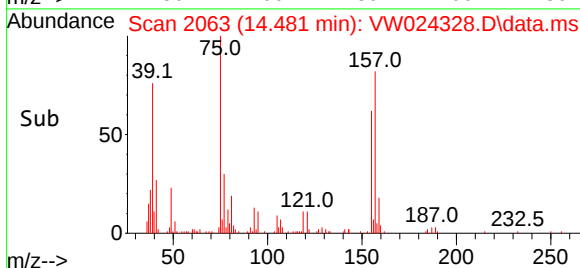
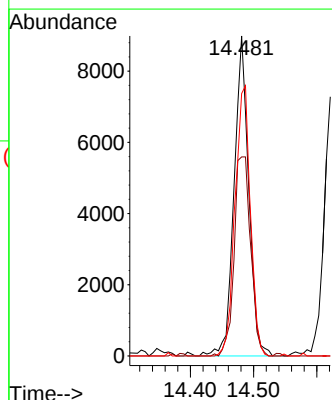
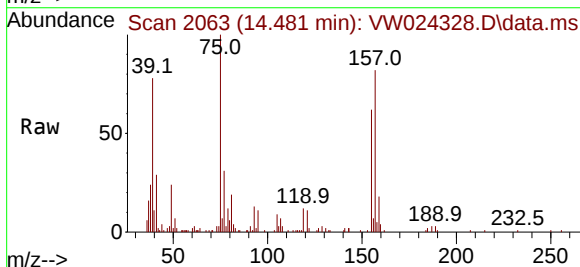
Tgt Ion: 75 Resp: 14558

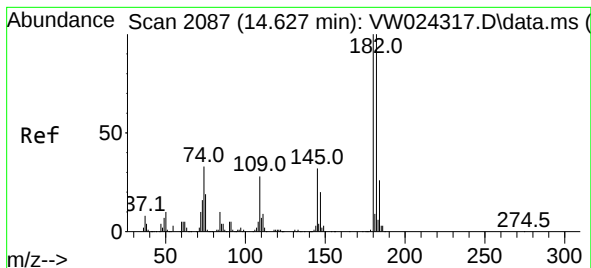
Ion Ratio Lower Upper

75 100

155 62.2 68.8 103.2#

157 82.0 91.5 137.3#





#69

1,3,5-Trichlorobenzene

Concen: 15.262 ug/L

RT: 14.621 min Scan# 2087

Delta R.T. -0.006 min

Lab File: VW024328.D

Acq: 24 Aug 2022 17:50

Instrument :

MSVOA_W

ClientSampleId :

EY163MS

Tgt Ion:180 Resp: 47830

Ion Ratio Lower Upper

180 100

182 95.4 78.4 117.6

184 31.8 24.7 37.1

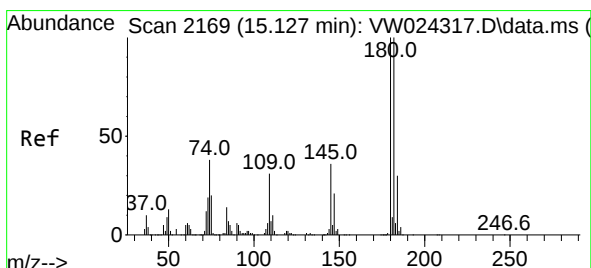
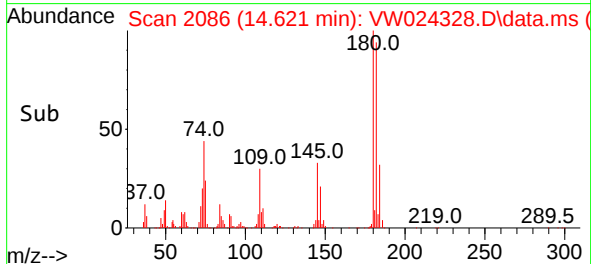
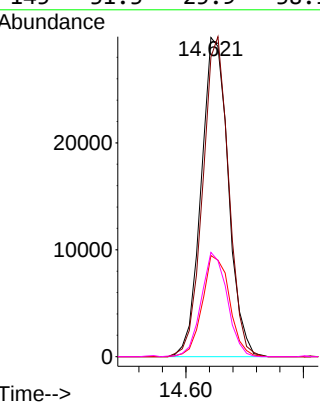
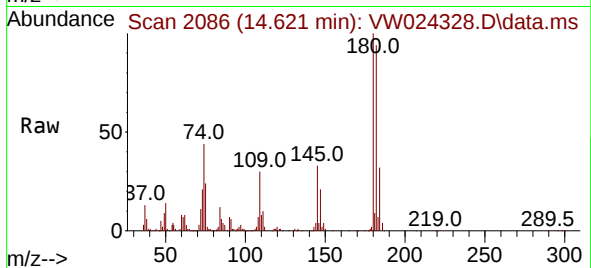
145 31.3 25.9 38.9

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/25/2022

Supervised By :Mahesh Dadoda 08/25/2022



#70

1,2,4-trichlorobenzene

Concen: 10.864 ug/L

RT: 15.127 min Scan# 2169

Delta R.T. 0.000 min

Lab File: VW024328.D

Acq: 24 Aug 2022 17:50

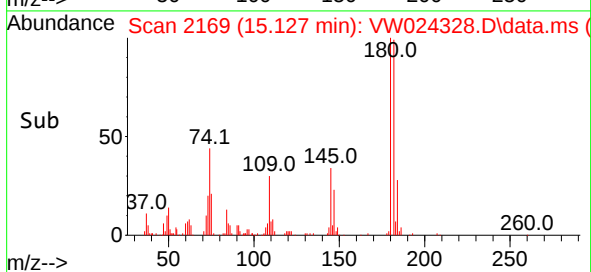
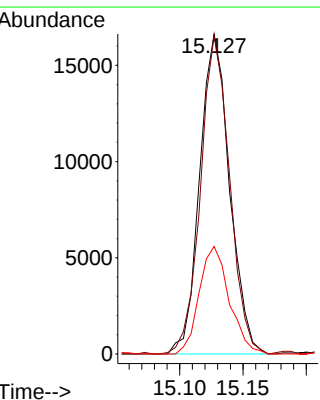
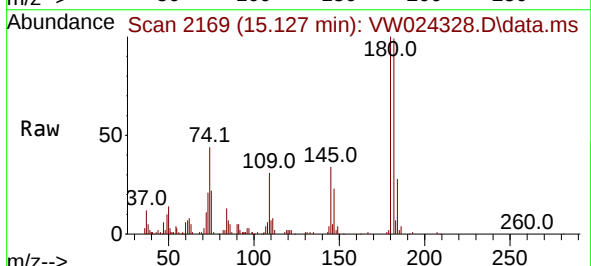
Tgt Ion:180 Resp: 27270

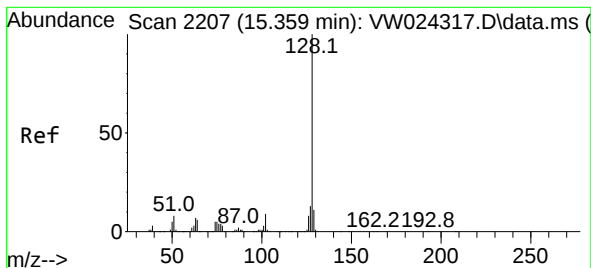
Ion Ratio Lower Upper

180 100

182 96.7 75.0 112.4

145 33.8 25.1 37.7





#71

Naphthalene

Concen: 13.950 ug/L

RT: 15.365 min Scan# 2208

Delta R.T. 0.006 min

Lab File: VW024328.D

Acq: 24 Aug 2022 17:50

Instrument :

MSVOA_W

ClientSampleId :

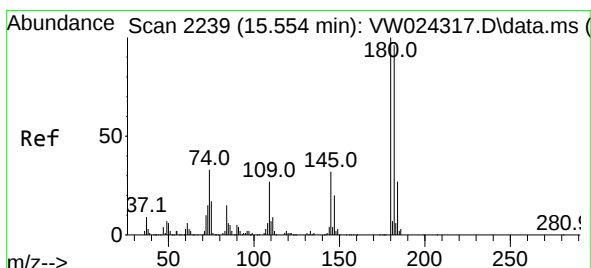
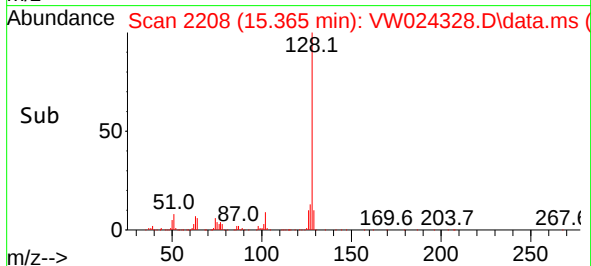
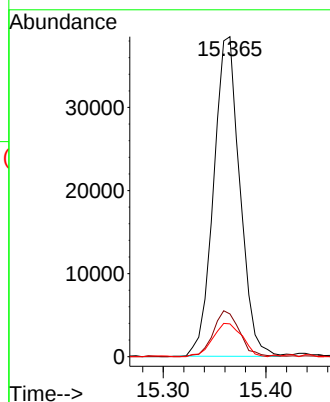
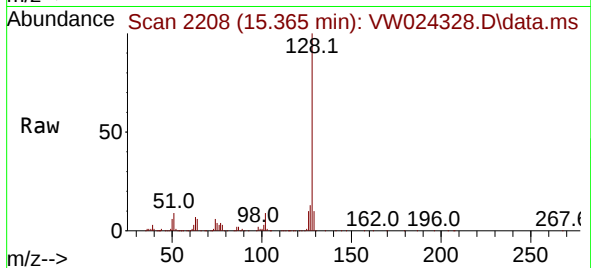
EY163MS

Tgt Ion:	128	Resp:	6820
Ion Ratio	Lower	Upper	
128	100		
127	14.5	10.7	16.1
129	11.7	8.8	13.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/25/2022
Supervised By :Mahesh Dadoda 08/25/2022



#72

1,2,3-Trichlorobenzene

Concen: 10.837 ug/L

RT: 15.548 min Scan# 2238

Delta R.T. -0.006 min

Lab File: VW024328.D

Acq: 24 Aug 2022 17:50

Tgt Ion:	180	Resp:	24766
Ion Ratio	Lower	Upper	
180	100		
182	97.9	75.4	113.2
145	38.8	26.9	40.3

