

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092024\
 Data File : VW030175.D
 Acq On : 20 Sep 2024 15:14
 Operator : SY/MD
 Sample : P4024-06
 Misc : 14.63g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DDCL2

Quant Time: Sep 20 23:54:07 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM091624SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Sep 20 23:43:18 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 09/25/2024
 Supervised By :Semsettin Yesilyurt 09/25/2024

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	416063	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	159742	25.000	ug/L	# 0.00
58) 1,4-Dichlorobenzene-d4	13.538	152	104199	25.000	ug/L	#-0.02
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	108907	20.269	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	81.080%
7) Chloroethane-d5	2.899	69	92277	24.326	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	97.320%
11) 1,1-Dichloroethene-d2	4.021	65	46191	17.205	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	68.840%
21) 2-Butanone-d5	7.075	46	68521	52.666	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	105.340%
24) Chloroform-d	7.648	84	202749	17.723	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	70.880%
26) 1,2-Dichloroethane-d4	8.307	65	110316	19.203	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	76.800%
32) Benzene-d6	8.276	84	389769	42.355	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	169.400%#
36) 1,2-Dichloropropane-d6	9.270	67	119642	42.108	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	168.440%#
41) Toluene-d8	10.319	98	260696	31.612	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	126.440%
43) trans-1,3-Dichloroprop...	10.575	79	41458	36.420	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	145.680%#
47) 2-Hexanone-d5	10.922	63	55410	127.444	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	254.880%#
56) 1,1,2,2-Tetrachloroeth...	12.709	84	129610	61.271	ug/L	0.02
Spiked Amount	25.000	Range	45 - 120	Recovery	=	245.080%#
66) 1,2-Dichlorobenzene-d4	13.861	152	27135	7.671	ug/L	0.01
Spiked Amount	25.000	Range	75 - 120	Recovery	=	30.680%#
Target Compounds						
						Qvalue
12) 1,1-Dichloroethene	4.045	96	24673m	4.968	ug/L	
13) Acetone	4.119	43	648890	434.719	ug/L	98
14) Carbon disulfide	4.387	76	42148	2.987	ug/L	97
19) 1,1-Dichloroethane	6.222	63	6058	0.545	ug/L	92
22) 2-Butanone	7.173	43	15292	8.655	ug/L	99
29) Cyclohexane	7.953	56	228519m	67.144	ug/L	
30) 1,1,1-Trichloroethane	7.874	97	156631	40.538	ug/L	96
33) Benzene	8.325	78	388428	39.771	ug/L	100
34) Trichloroethene	9.093	95	635643	241.097	ug/L	92
35) Methylcyclohexane	9.337	83	600207	147.669	ug/L	94
37) 1,2-Dichloropropane	9.368	63	47907	18.098	ug/L	# 23
40) 4-Methyl-2-pentanone	10.209	43	89292	66.015	ug/L	# 88
42) Toluene	10.386	91	9761802	941.958	ug/L	98
46) Tetrachloroethene	10.861	164	752816	386.975	ug/L	96
51) Chlorobenzene	11.654	112	84548	12.631	ug/L	96
52) Ethylbenzene	11.727	91	5333575	449.608	ug/L	97
53) m,p-Xylene	11.831	106	6792347	1551.855	ug/L	75
54) o-Xylene	12.166	106	6094803	1479.784	ug/L	78
60) Isopropylbenzene	12.465	105	3610542	235.341	ug/L	97

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Quant Title : SFAM01.0
QLast Update : Fri Sep 20 23:43:18 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
62) 1,3,5-Trimethylbenzene	12.946	105	13418208m	1193.320	ug/L	
63) 1,2,4-Trimethylbenzene	13.245	105	20811452m	1780.322	ug/L	

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Yesilyurt

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

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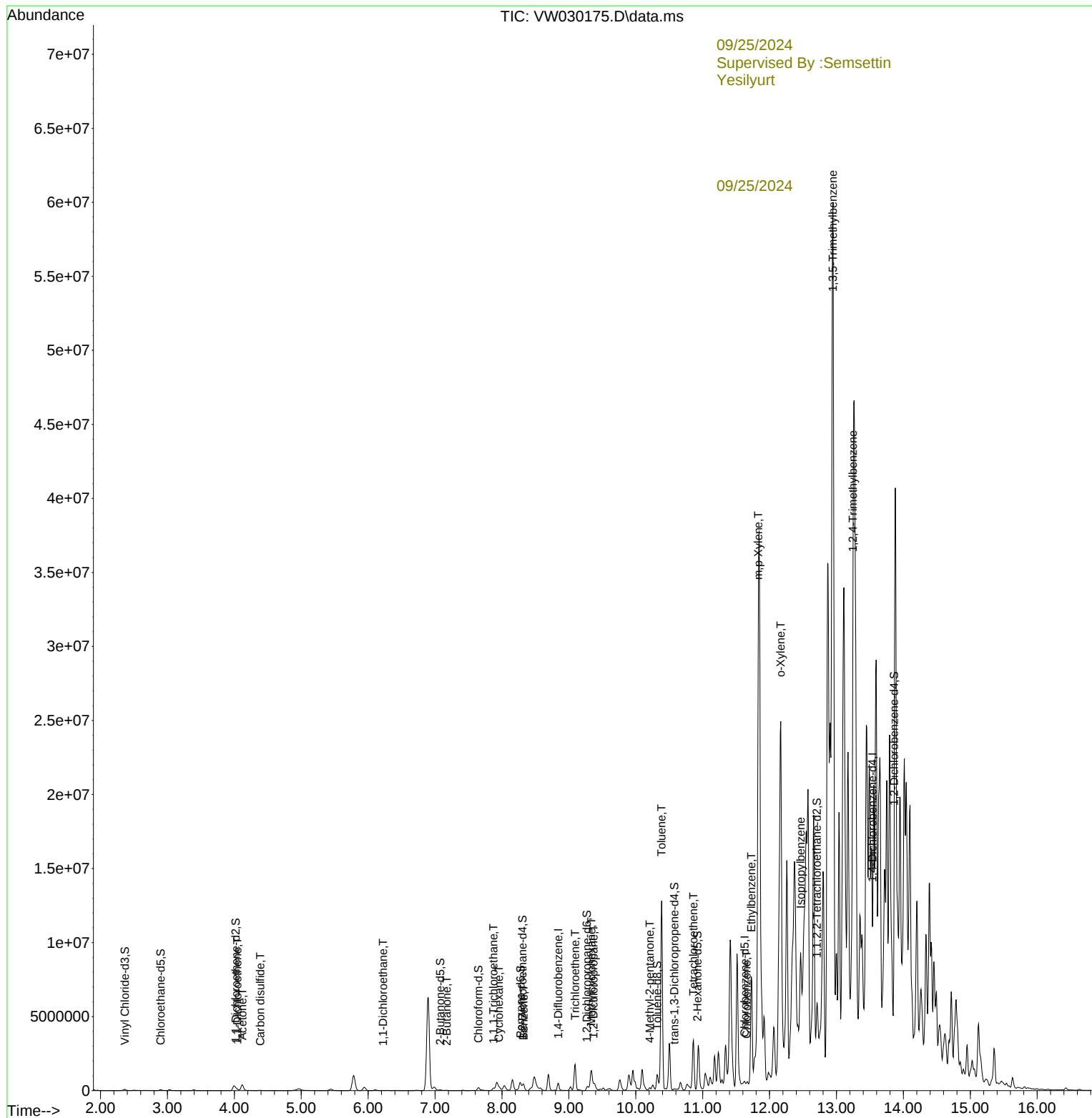
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Acq On : 20 Sep 2024 15:14
Operator : SY/MD
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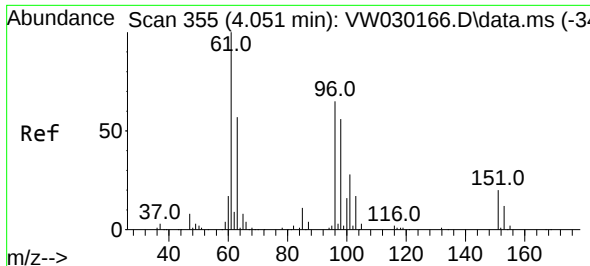
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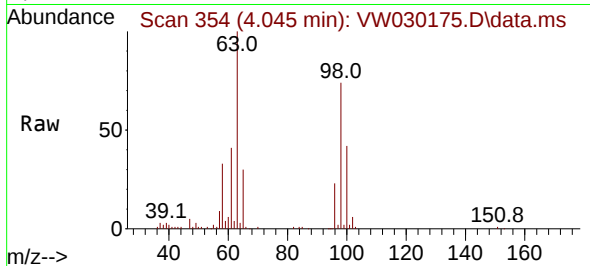
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM091624SMA.M
Quant Title : SFAM01.0
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Response via : Initial Calibration





#12
1,1-Dichloroethene
Concen: 4.968 ug/L m
RT: 4.045 min Scan# 355
Delta R.T. -0.006 min
Lab File: VW030175.D
Acq: 20 Sep 2024 15:14

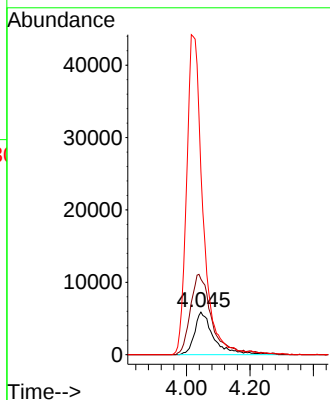
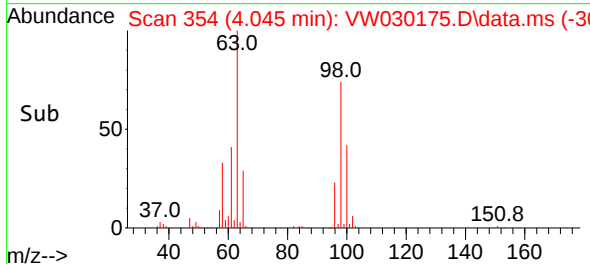
Instrument :
MSVOA_W
ClientSampleId :
DDCL2



Tgt Ion: 96 Resp: 24673
Ion Ratio Lower Upper
96 100
61 177.6 124.0 230.4
63 430.8 93.3 173.3

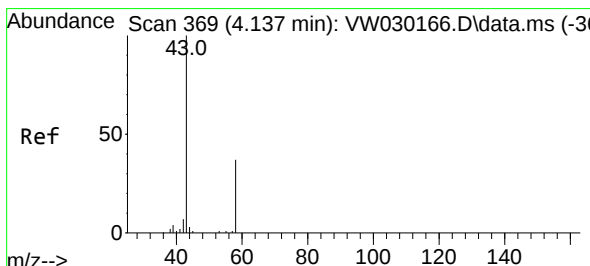
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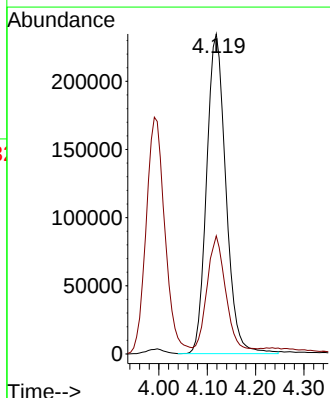
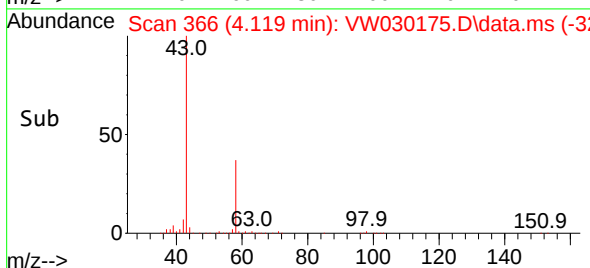
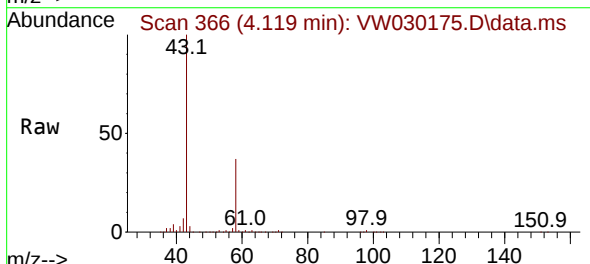
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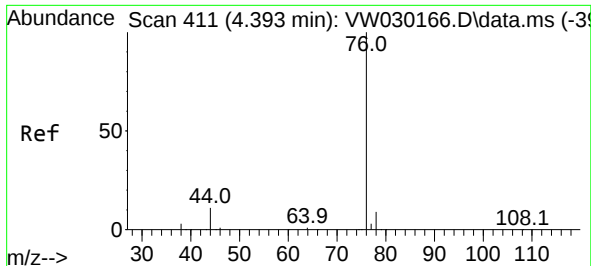
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#13
Acetone
Concen: 434.719 ug/L
RT: 4.119 min Scan# 366
Delta R.T. -0.018 min
Lab File: VW030175.D
Acq: 20 Sep 2024 15:14

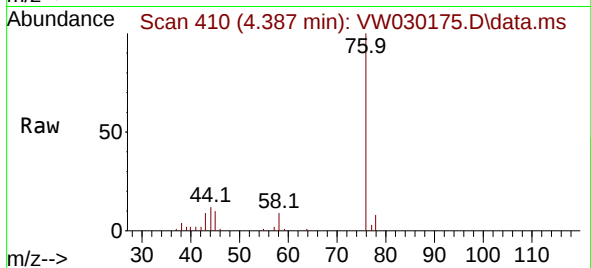
Tgt Ion: 43 Resp: 648890
Ion Ratio Lower Upper
43 100
58 33.9 0.0 65.0





#14
Carbon disulfide
Concen: 2.987 ug/L
RT: 4.387 min Scan# 411
Delta R.T. -0.006 min
Lab File: VW030175.D
Acq: 20 Sep 2024 15:14

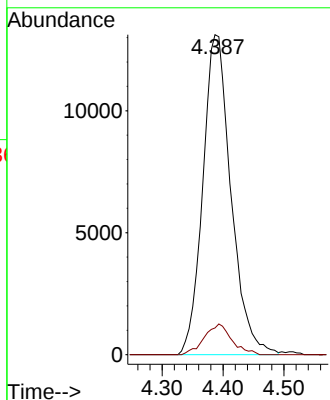
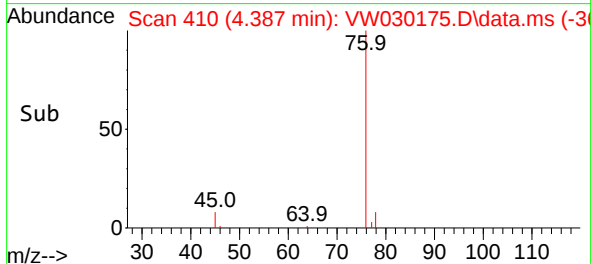
Instrument :
MSVOA_W
ClientSampleId :
DDCL2



Tgt Ion: 76 Resp: 42148
Ion Ratio Lower Upper
76 100
78 8.3 7.6 11.4

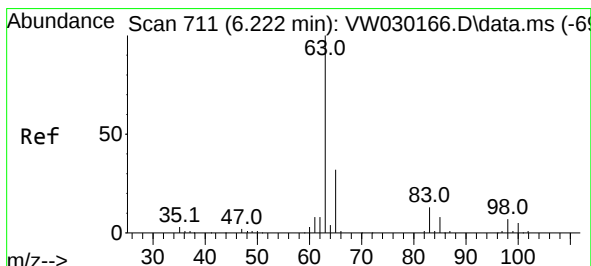
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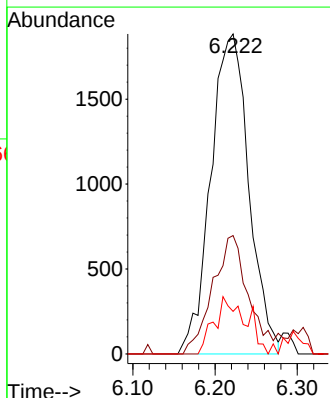
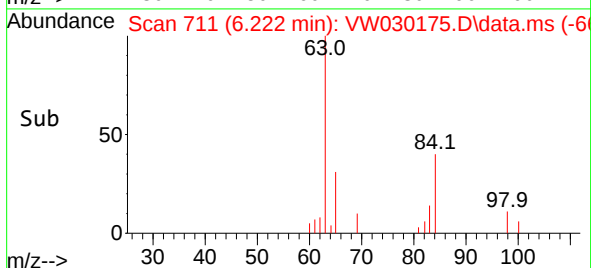
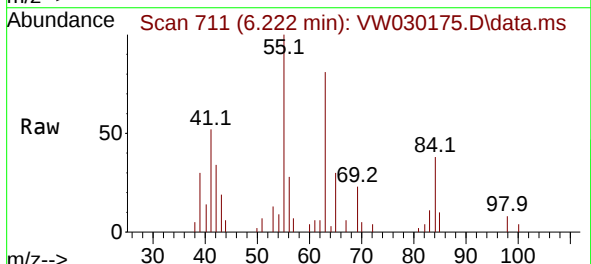
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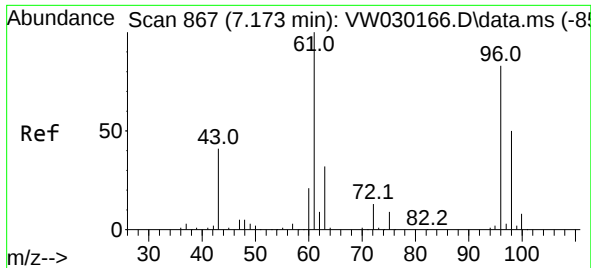
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#19
1,1-Dichloroethane
Concen: 0.545 ug/L
RT: 6.222 min Scan# 711
Delta R.T. 0.000 min
Lab File: VW030175.D
Acq: 20 Sep 2024 15:14

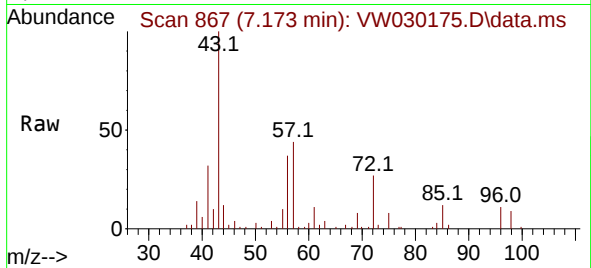
Tgt Ion: 63 Resp: 6058
Ion Ratio Lower Upper
63 100
65 37.0 21.6 40.0
83 13.3 9.0 16.8





#22
2-Butanone
Concen: 8.655 ug/L
RT: 7.173 min Scan# 867
Delta R.T. 0.000 min
Lab File: VW030175.D
Acq: 20 Sep 2024 15:14

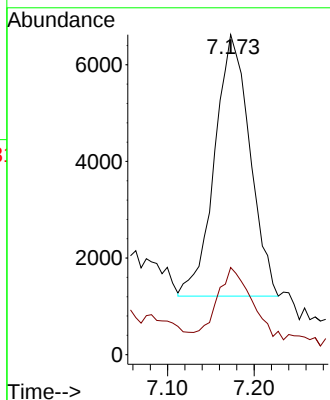
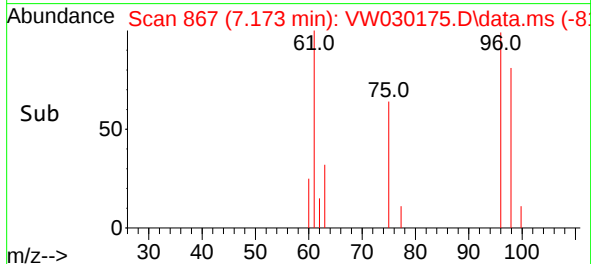
Instrument :
MSVOA_W
ClientSampleId :
DDCL2



Tgt Ion: 43 Resp: 15292
Ion Ratio Lower Upper
43 100
72 27.2 13.9 41.7

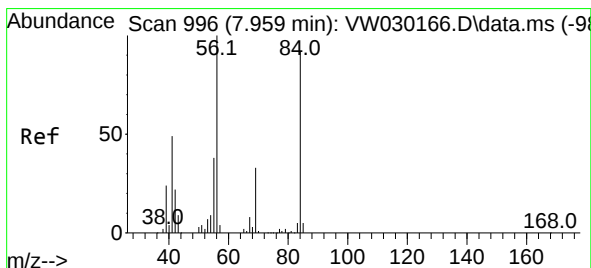
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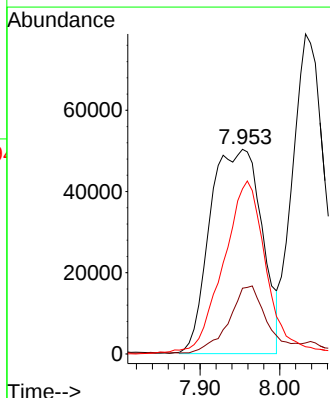
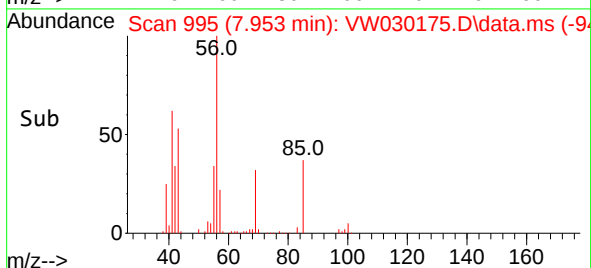
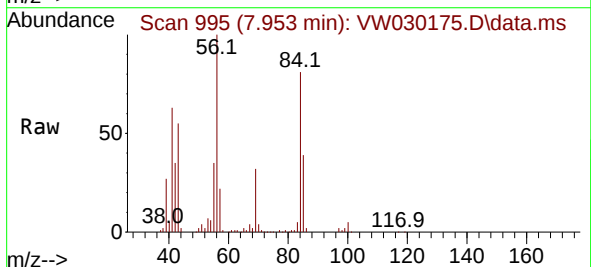
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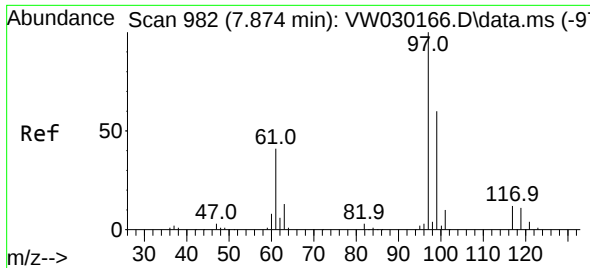
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#29
Cyclohexane
Concen: 67.144 ug/L m
RT: 7.953 min Scan# 995
Delta R.T. -0.006 min
Lab File: VW030175.D
Acq: 20 Sep 2024 15:14

Tgt Ion: 56 Resp: 228519
Ion Ratio Lower Upper
56 100
69 24.1 24.6 37.0#
84 68.5 68.9 103.3#





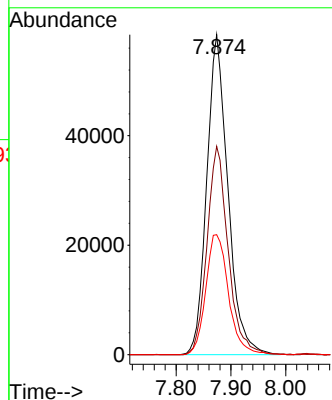
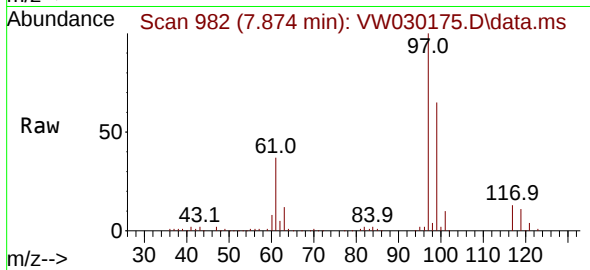
#30
1,1,1-Trichloroethane
Concen: 40.538 ug/L
RT: 7.874 min Scan# 982
Delta R.T. 0.000 min
Lab File: VW030175.D
Acq: 20 Sep 2024 15:14

Instrument :
MSVOA_W
ClientSampleId :
DDCL2

Tgt Ion: 97 Resp: 15663
Ion Ratio Lower Upper
97 100
99 65.0 51.3 76.9
61 40.5 36.4 54.6

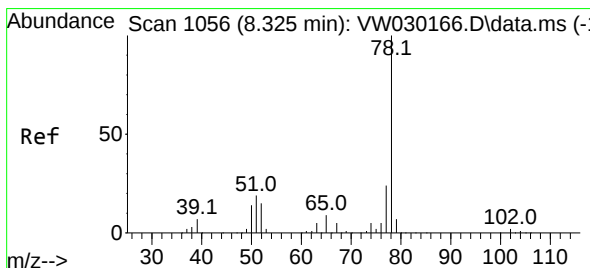
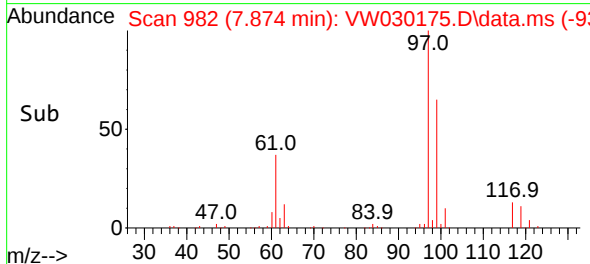
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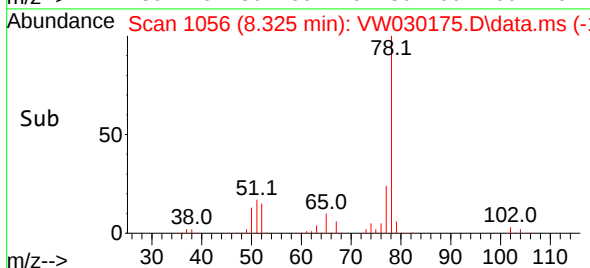
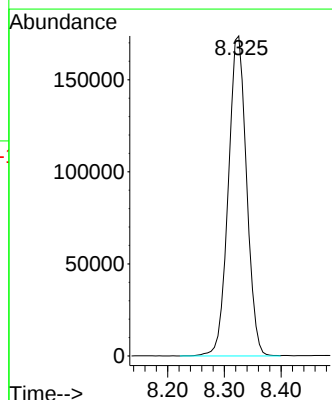
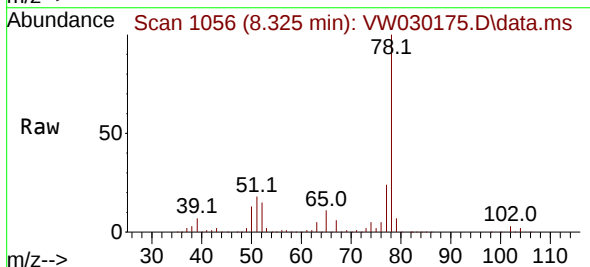
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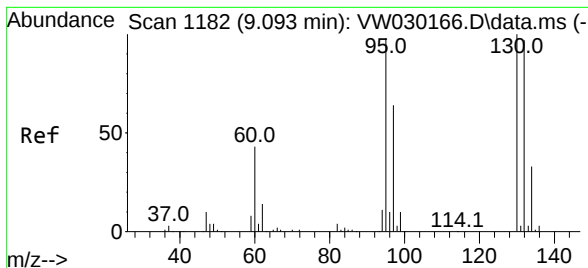
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#33
Benzene
Concen: 39.771 ug/L
RT: 8.325 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VW030175.D
Acq: 20 Sep 2024 15:14

Tgt Ion: 78 Resp: 388428





#34

Trichloroethene

Concen: 241.097 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. 0.000 min

Lab File: VW030175.D

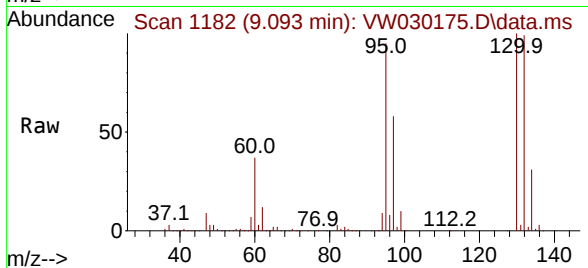
Acq: 20 Sep 2024 15:14

Instrument :

MSVOA_W

ClientSampleId :

DDCL2



Tgt Ion: 95 Resp: 63564

Ion Ratio Lower Upper

95 100

97 60.9 45.2 84.0

132 104.1 64.8 120.3

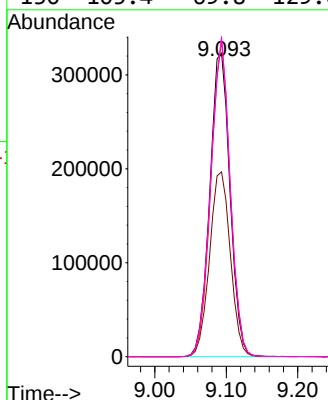
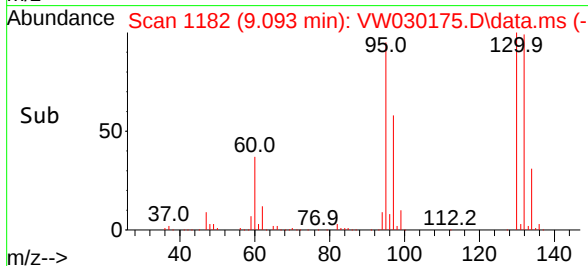
130 105.4 69.8 129.6

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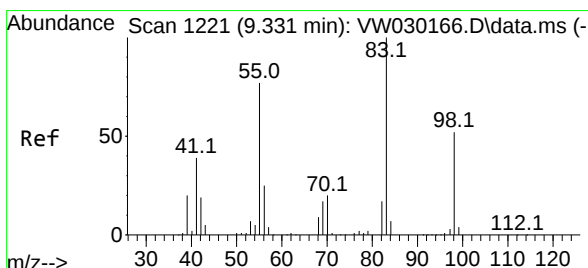


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#35

Methylcyclohexane

Concen: 147.669 ug/L

RT: 9.337 min Scan# 1222

Delta R.T. 0.006 min

Lab File: VW030175.D

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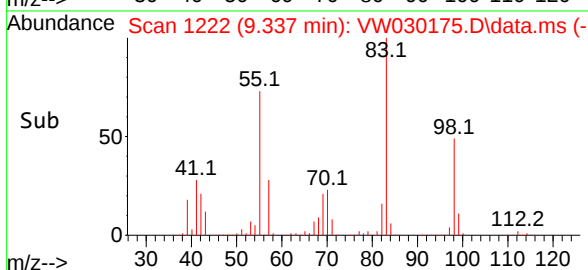
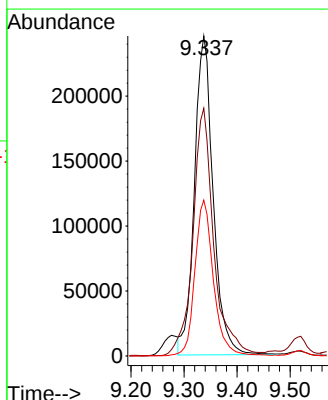
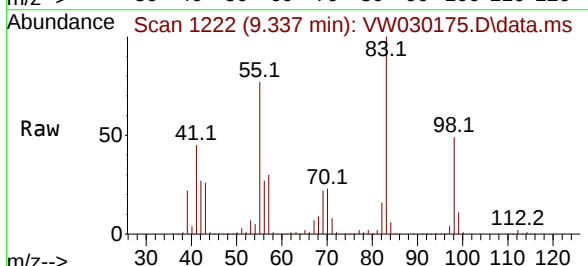
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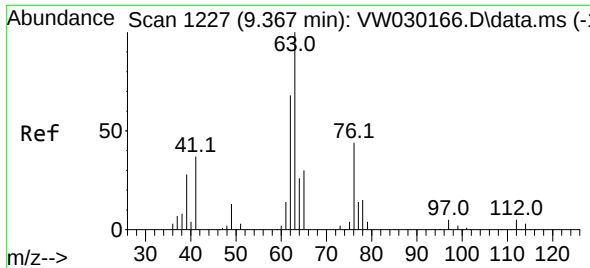
Ion Ratio Lower Upper

83 100

55 86.4 63.0 94.6

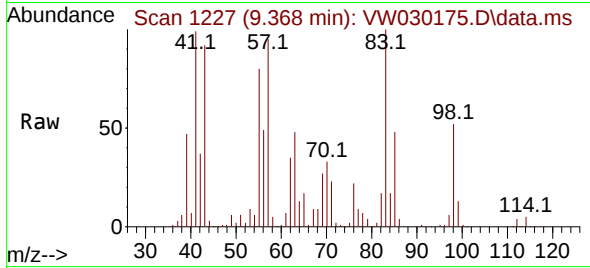
98 48.6 38.7 58.1





#37
1,2-Dichloropropane
Concen: 18.098 ug/L
RT: 9.368 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW030175.D
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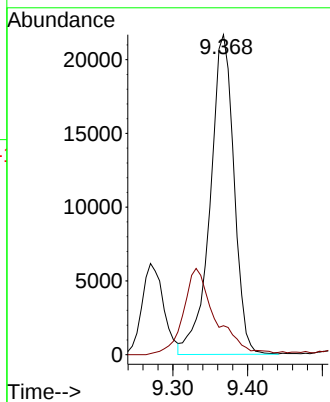
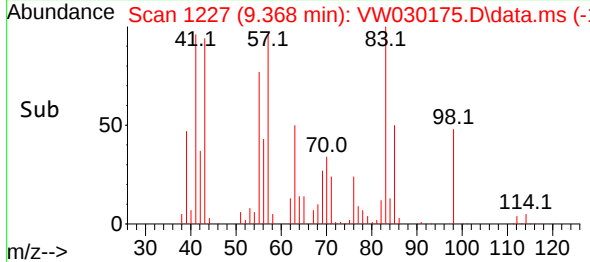
Instrument :
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ClientSampleId :
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Tgt Ion: 63 Resp: 4790
Ion Ratio Lower Upper
63 100
112 29.7 3.5 5.3

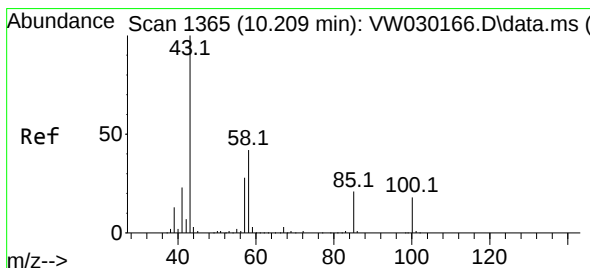
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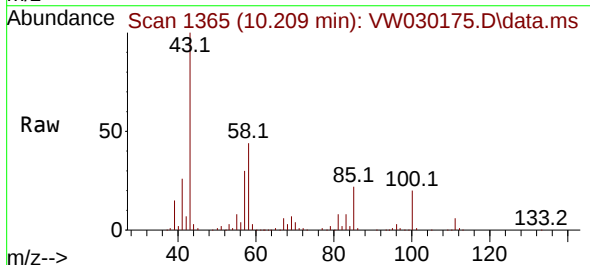


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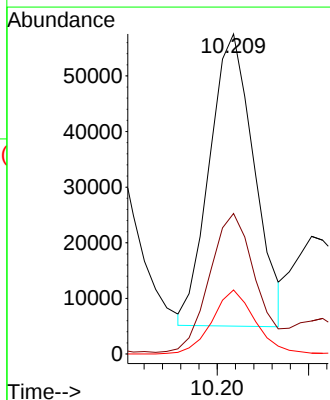
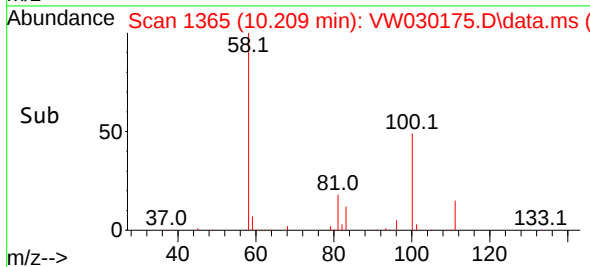
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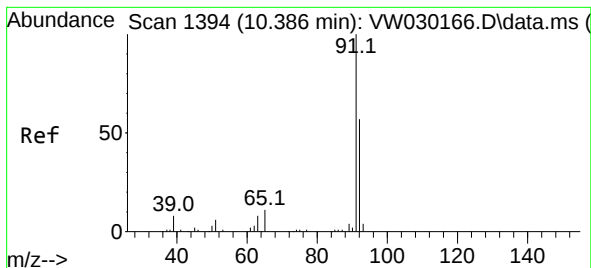


#40
4-Methyl-2-pentanone
Concen: 66.015 ug/L
RT: 10.209 min Scan# 1365
Delta R.T. 0.000 min
Lab File: VW030175.D
Acq: 20 Sep 2024 15:14



Tgt Ion: 43 Resp: 89292
Ion Ratio Lower Upper
43 100
58 48.7 32.7 49.1
100 21.2 12.7 19.1





#42

Toluene

Concen: 941.958 ug/L

RT: 10.386 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW030175.D

Acq: 20 Sep 2024 15:14

Instrument :

MSVOA_W

ClientSampleId :

DDCL2

Tgt Ion: 91 Resp: 976180

Ion Ratio Lower Upper

91 100

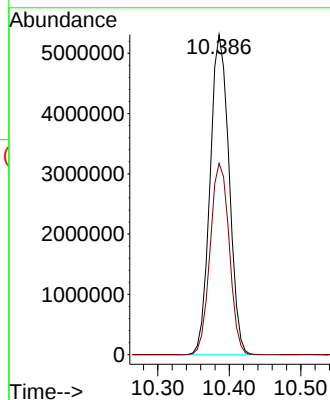
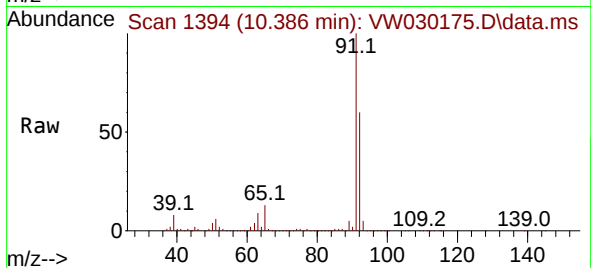
92 59.8 40.7 75.5

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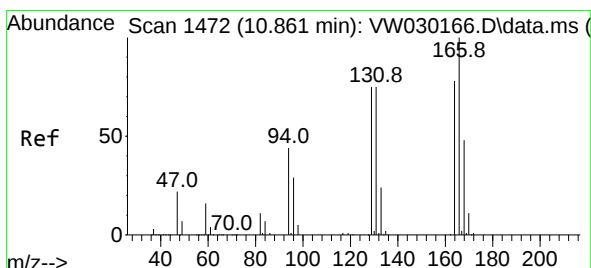
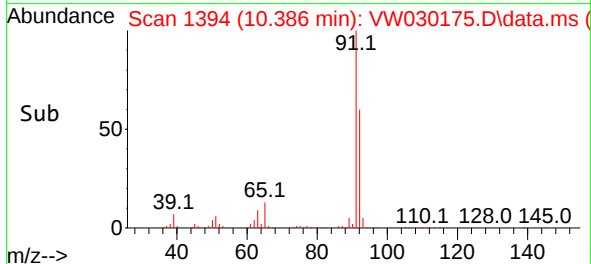
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#46

Tetrachloroethene

Concen: 386.975 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. 0.000 min

Lab File: VW030175.D

Acq: 20 Sep 2024 15:14

Tgt Ion:164 Resp: 752816

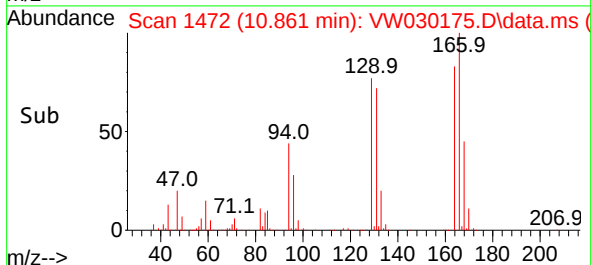
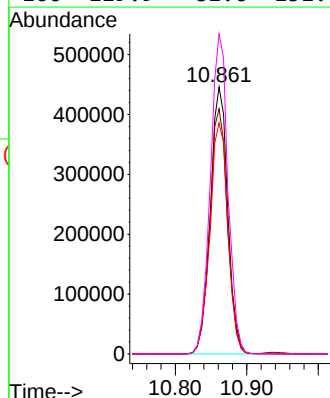
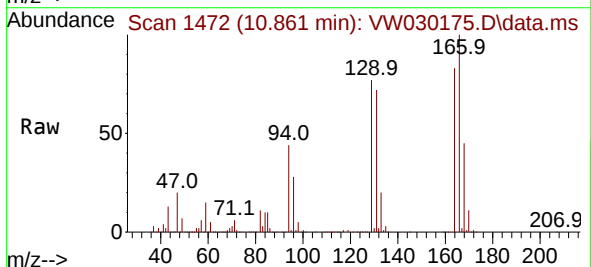
Ion Ratio Lower Upper

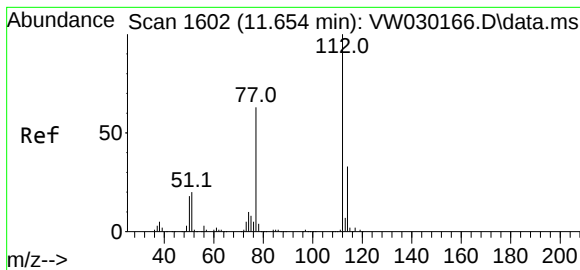
164 100

129 91.8 66.0 122.6

131 86.5 64.8 120.4

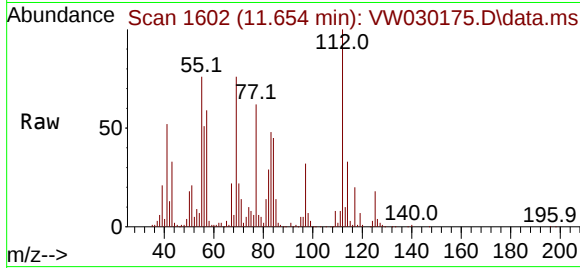
166 119.9 81.6 151.6





#51
Chlorobenzene
Concen: 12.631 ug/L
RT: 11.654 min Scan# 11602
Delta R.T. 0.000 min
Lab File: VW030175.D
Acq: 20 Sep 2024 15:14

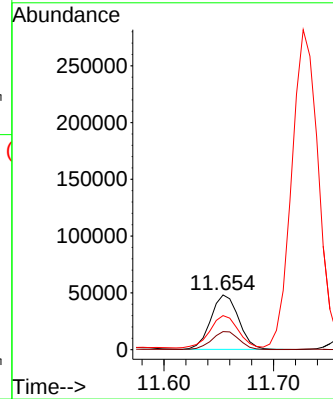
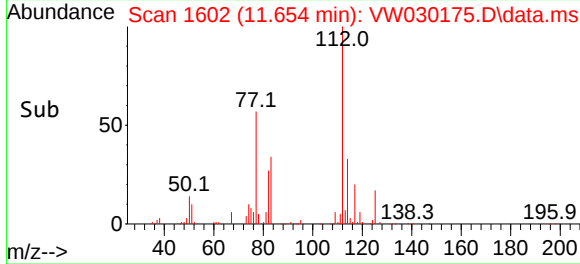
Instrument :
MSVOA_W
ClientSampleId :
DDCL2



Tgt Ion:112 Resp: 84548
Ion Ratio Lower Upper
112 100
114 33.0 23.8 44.2
77 62.4 52.9 79.3

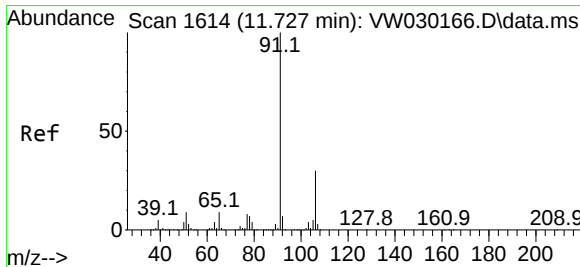
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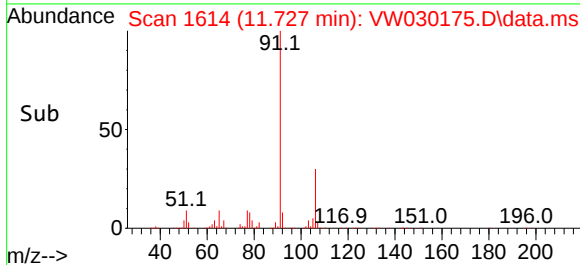
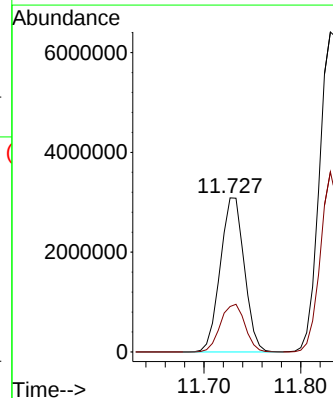
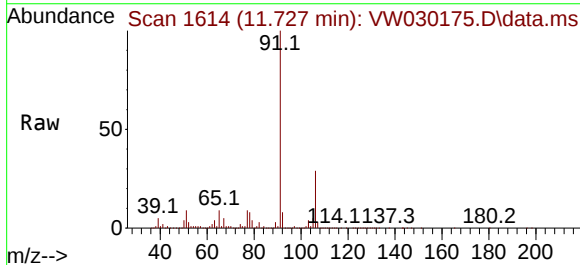
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Supervised By :Semsettin
Yesilyurt

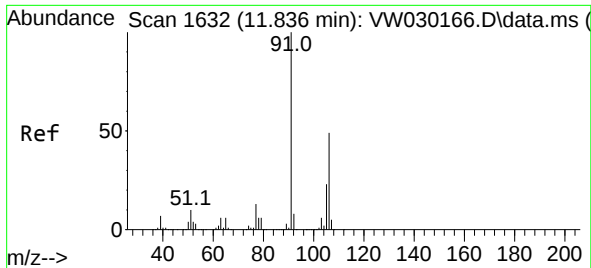
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#52
Ethylbenzene
Concen: 449.608 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VW030175.D
Acq: 20 Sep 2024 15:14

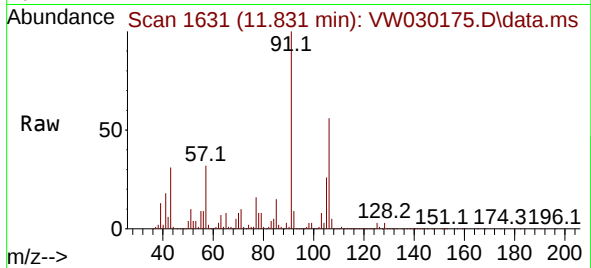
Tgt Ion: 91 Resp: 5333575
Ion Ratio Lower Upper
91 100
106 29.5 21.9 40.7





#53
m,p-Xylene
Concen: 1551.855 ug/L
RT: 11.831 min Scan# 1
Delta R.T. -0.006 min
Lab File: VW030175.D
Acq: 20 Sep 2024 15:14

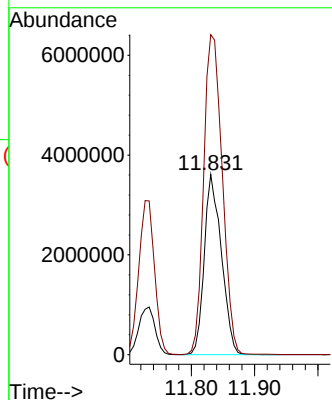
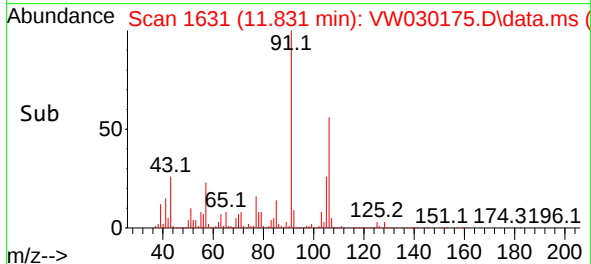
Instrument :
MSVOA_W
ClientSampleId :
DDCL2



Tgt Ion:106 Resp: 679234
Ion Ratio Lower Upper
106 100
91 177.6 152.9 283.9

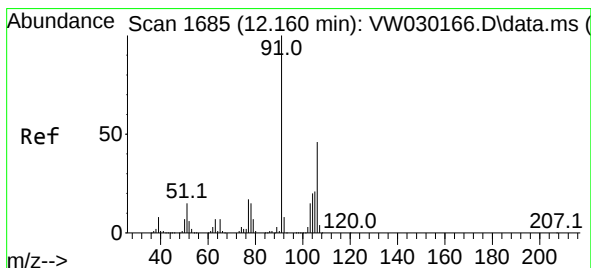
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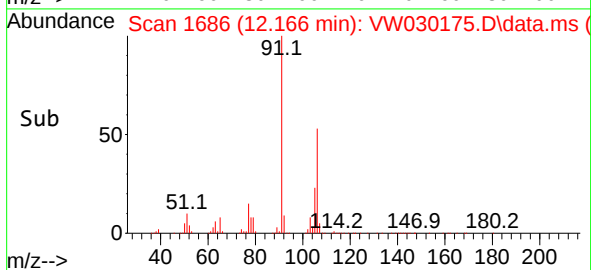
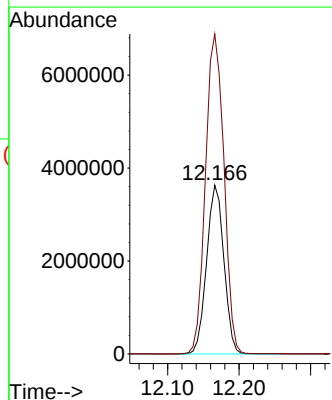
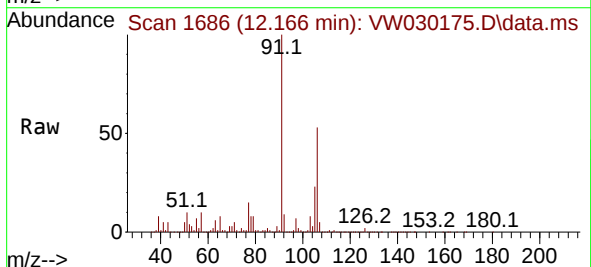
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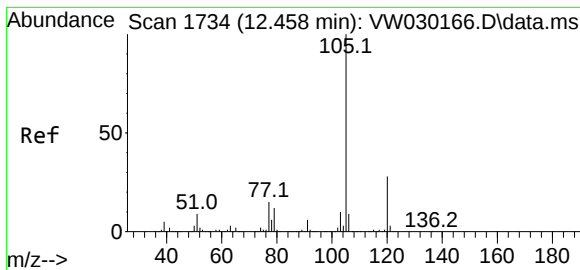
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#54
o-Xylene
Concen: 1479.784 ug/L
RT: 12.166 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VW030175.D
Acq: 20 Sep 2024 15:14

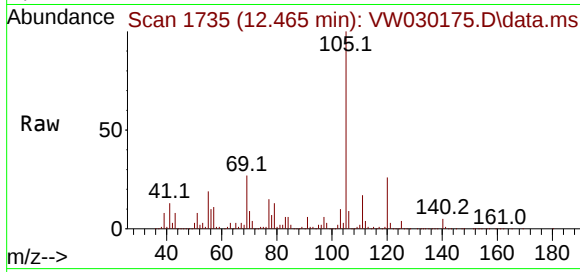
Tgt Ion:106 Resp: 6094803
Ion Ratio Lower Upper
106 100
91 189.5 158.1 293.7





#60
Isopropylbenzene
Concen: 235.341 ug/L
RT: 12.465 min Scan# 11
Delta R.T. 0.006 min
Lab File: VW030175.D
Acq: 20 Sep 2024 15:14

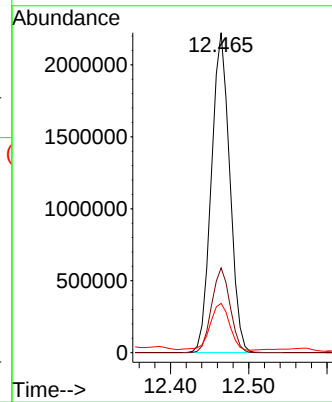
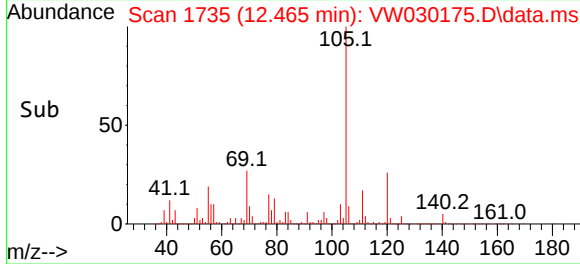
Instrument :
MSVOA_W
ClientSampleId :
DDCL2



Tgt Ion:105 Resp: 361054
Ion Ratio Lower Upper
105 100
120 26.7 20.2 30.2
77 15.4 13.0 19.4

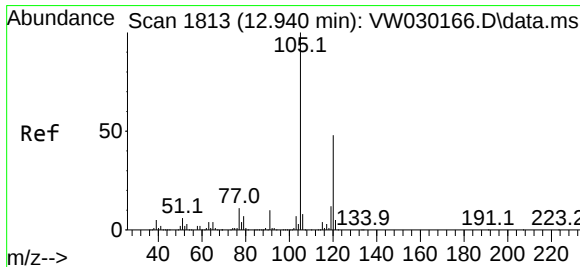
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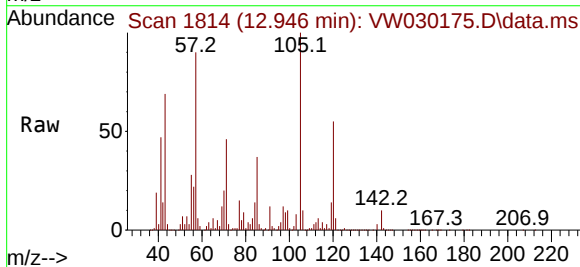


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Yesilyurt

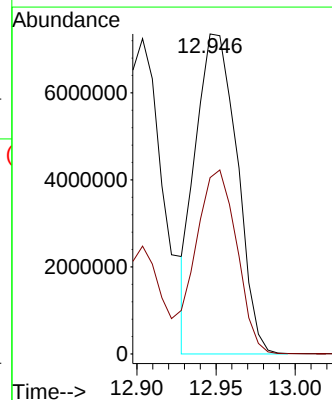
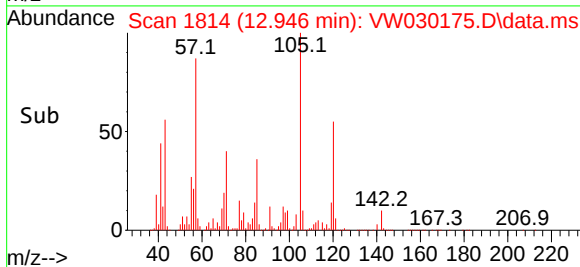
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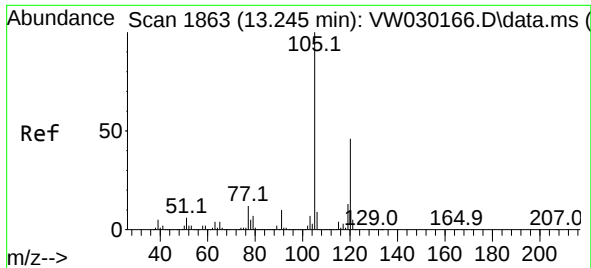


#62
1,3,5-Trimethylbenzene
Concen: 1193.320 ug/L m
RT: 12.946 min Scan# 1814
Delta R.T. 0.006 min
Lab File: VW030175.D
Acq: 20 Sep 2024 15:14



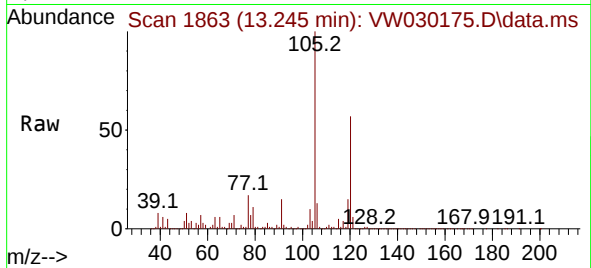
Tgt Ion:105 Resp:13418208
Ion Ratio Lower Upper
105 100
120 50.1 37.3 55.9





#63
1,2,4-Trimethylbenzene
Concen: 1780.322 ug/L m
RT: 13.245 min Scan# 1863
Delta R.T. 0.000 min
Lab File: VW030175.D
Acq: 20 Sep 2024 15:14

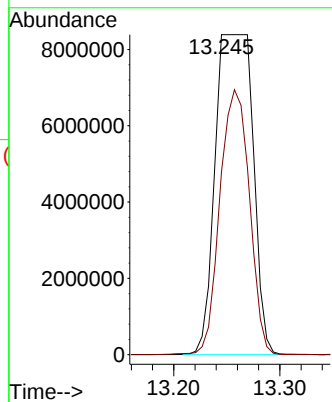
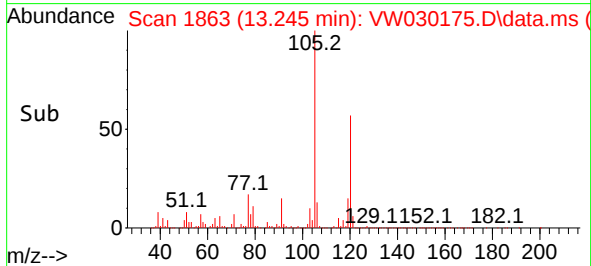
Instrument :
MSVOA_W
ClientSampleId :
DDCL2



Tgt Ion:105 Resp:2081145
Ion Ratio Lower Upper
105 100
120 29.1 34.8 52.2

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Yesilyurt

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