

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW083024\
 Data File : VW030114.D
 Acq On : 30 Aug 2024 13:04
 Operator : SY/MD
 Sample : P3733-20
 Misc : 3.76g/10mL/MSVOA_W/SOIL/B
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Aug 30 23:55:23 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM082624SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Aug 30 23:54:36 2024
 Response via : Initial Calibration

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

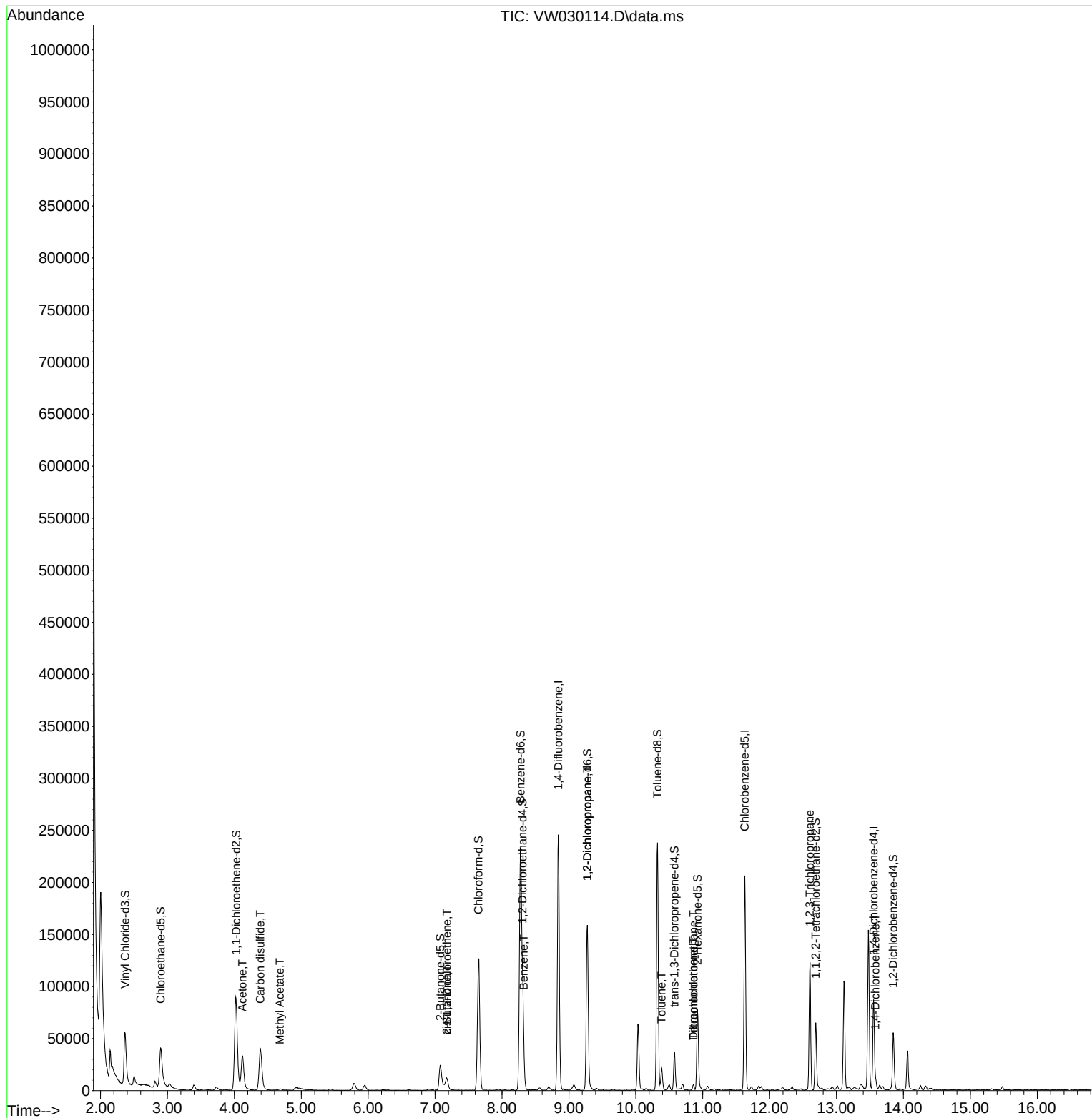
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	198660	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	107596	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	21821	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	70686	23.910	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	95.640%
7) Chloroethane-d5	2.899	69	57591	27.448	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	109.800%
11) 1,1-Dichloroethene-d2	4.027	65	31669	25.073	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	100.280%
21) 2-Butanone-d5	7.075	46	40526	68.768	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	137.540%#
24) Chloroform-d	7.648	84	127833	23.861	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	95.440%
26) 1,2-Dichloroethane-d4	8.307	65	69496	25.547	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	102.200%
32) Benzene-d6	8.276	84	233289	36.732	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	146.920%#
36) 1,2-Dichloropropane-d6	9.276	67	77253	41.517	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	166.080%#
41) Toluene-d8	10.325	98	158868	27.483	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	109.920%
43) trans-1,3-Dichloroprop...	10.575	79	20523	26.813	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	107.240%
47) 2-Hexanone-d5	10.922	63	25486	89.492	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	178.980%#
56) 1,1,2,2-Tetrachloroeth...	12.690	84	30805	22.485	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	89.960%
66) 1,2-Dichlorobenzene-d4	13.848	152	13103	16.601	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	66.400%#
Target Compounds						Qvalue
13) Acetone	4.118	43	54468	101.050	ug/L	99
14) Carbon disulfide	4.387	76	87494	11.076	ug/L	98
15) Methyl Acetate	4.679	43	1427	1.358	ug/L #	76
20) cis-1,2-Dichloroethene	7.179	96	1485	0.477	ug/L #	67
22) 2-Butanone	7.179	43	13171	17.076	ug/L	94
33) Benzene	8.325	78	13896	2.016	ug/L	100
37) 1,2-Dichloropropane	9.276	63	8780	5.030	ug/L #	89
42) Toluene	10.386	91	14817	2.018	ug/L	95
46) Tetrachloroethene	10.861	164	1144	0.812	ug/L	88
49) Dibromochloromethane	10.861	129	1067	0.785	ug/L #	12
61) 1,2,3-Trichloropropane	12.599	75	1203	2.711	ug/L #	73
65) 1,4-Dichlorobenzene	13.580	146	677	0.452	ug/L #	75

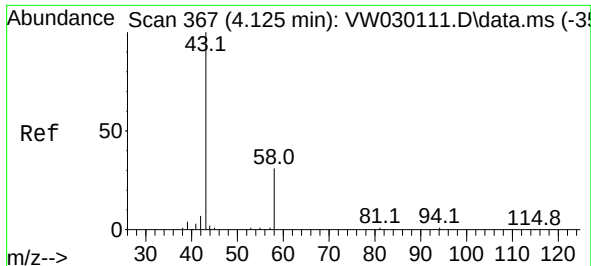
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
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Response via : Initial Calibration

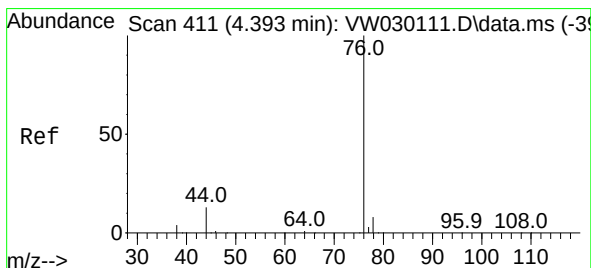
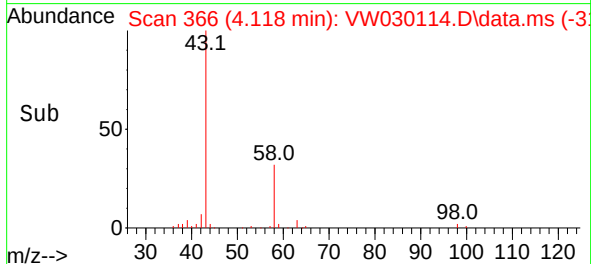
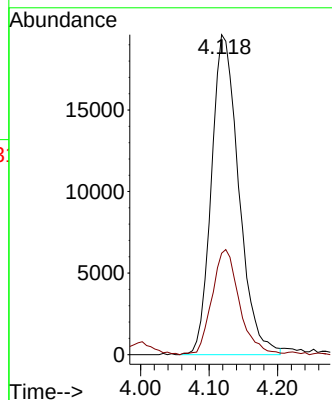
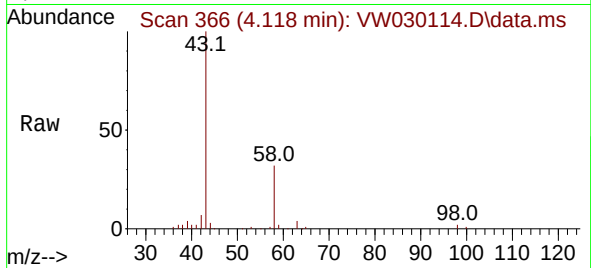




#13
Acetone
Concen: 101.050 ug/L
RT: 4.118 min Scan# 30
Delta R.T. -0.006 min
Lab File: VW030114.D
Acq: 30 Aug 2024 13:04

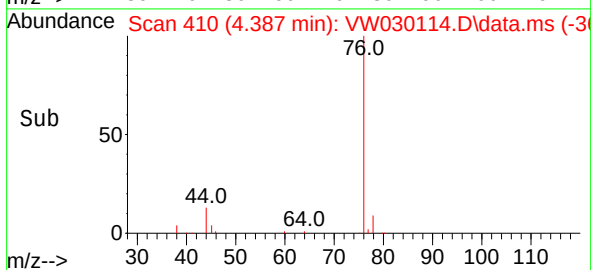
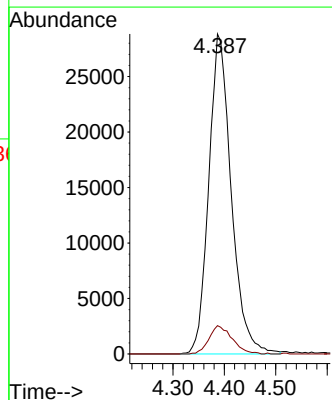
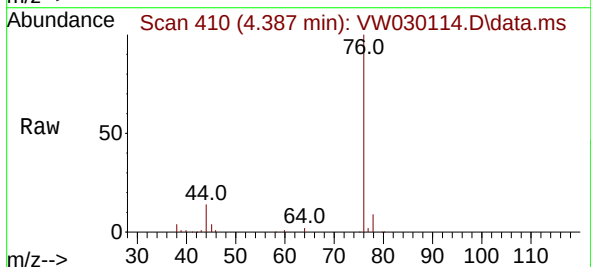
Instrument :
MSVOA_W
ClientSampleId :

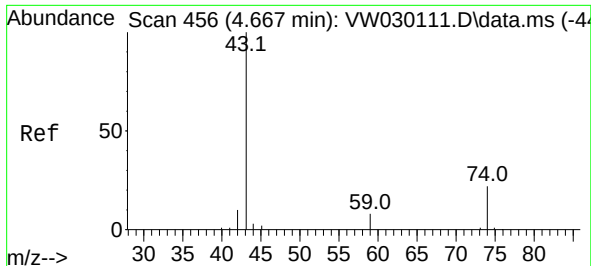
Tgt Ion: 43 Resp: 54468
Ion Ratio Lower Upper
43 100
58 32.7 0.0 66.4



#14
Carbon disulfide
Concen: 11.076 ug/L
RT: 4.387 min Scan# 410
Delta R.T. -0.006 min
Lab File: VW030114.D
Acq: 30 Aug 2024 13:04

Tgt Ion: 76 Resp: 87494
Ion Ratio Lower Upper
76 100
78 8.8 6.6 9.8





#15

Methyl Acetate

Concen: 1.358 ug/L

RT: 4.679 min Scan# 4

Delta R.T. 0.012 min

Lab File: VW030114.D

Acq: 30 Aug 2024 13:04

Instrument :

MSVOA_W

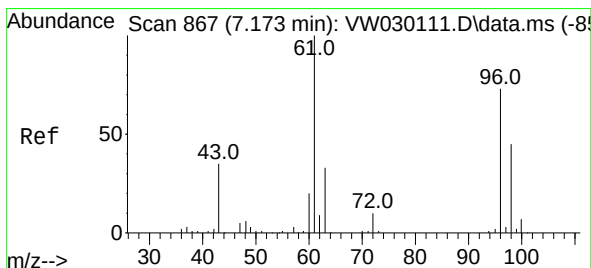
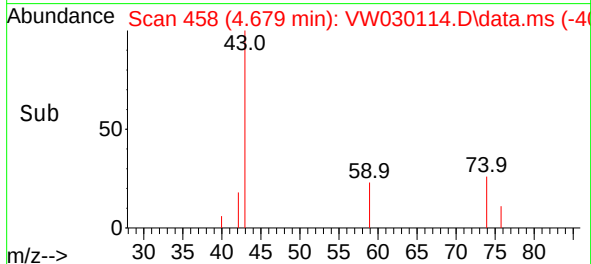
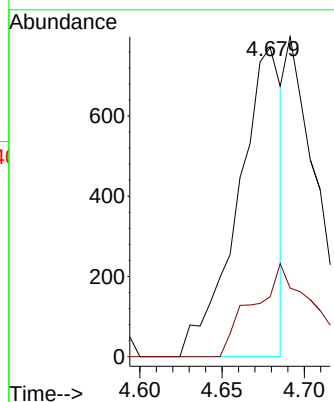
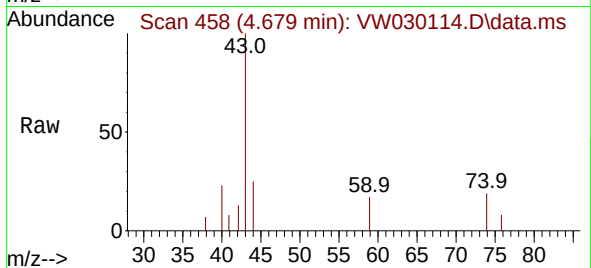
ClientSampleId :

Tgt Ion: 43 Resp: 1427

Ion Ratio Lower Upper

43 100

74 12.9 19.9 29.9#



#20

cis-1,2-Dichloroethene

Concen: 0.477 ug/L

RT: 7.179 min Scan# 868

Delta R.T. 0.006 min

Lab File: VW030114.D

Acq: 30 Aug 2024 13:04

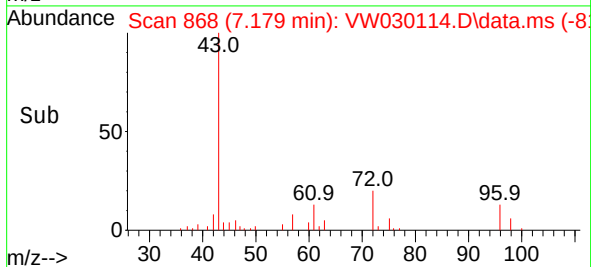
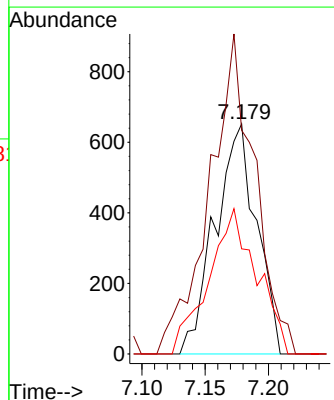
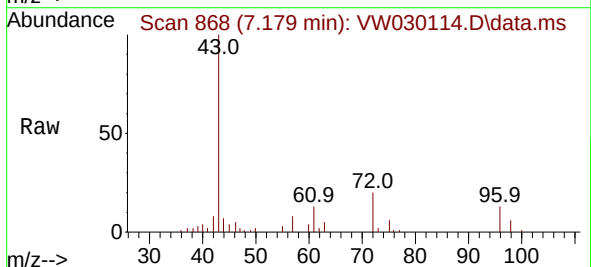
Tgt Ion: 96 Resp: 1485

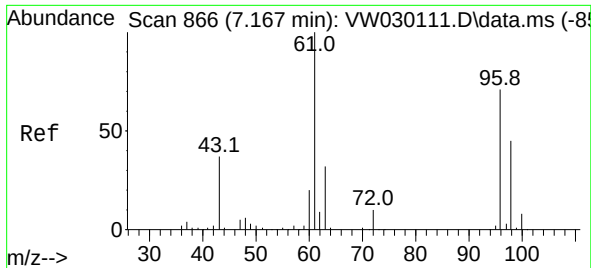
Ion Ratio Lower Upper

96 100

61 97.2 99.6 185.0#

98 45.7 46.5 86.5#





#22

2-Butanone

Concen: 17.076 ug/L

RT: 7.179 min Scan# 866

Delta R.T. 0.012 min

Lab File: VW030114.D

Acq: 30 Aug 2024 13:04

Instrument :

MSVOA_W

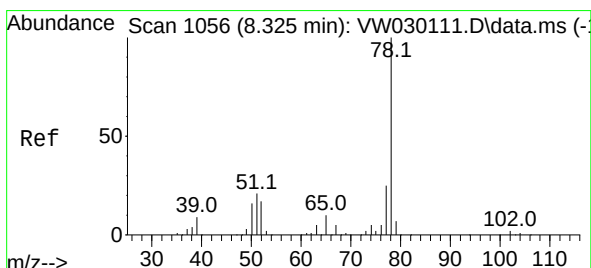
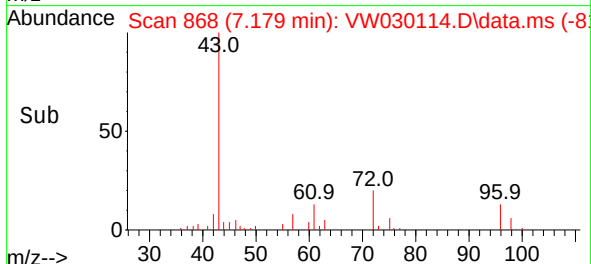
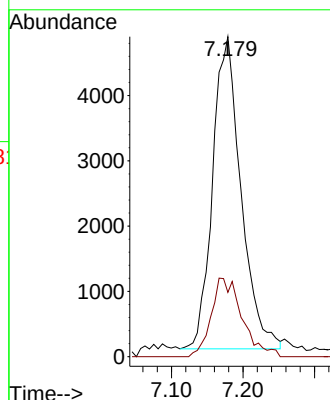
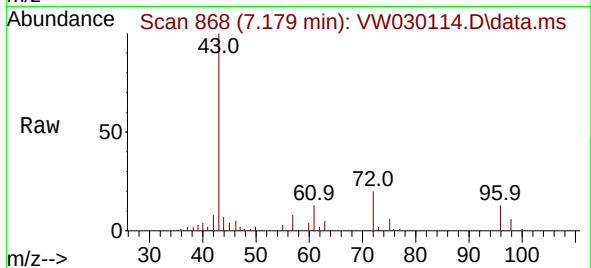
ClientSampleId :

Tgt Ion: 43 Resp: 13171

Ion Ratio Lower Upper

43 100

72 26.7 15.0 45.1



#33

Benzene

Concen: 2.016 ug/L

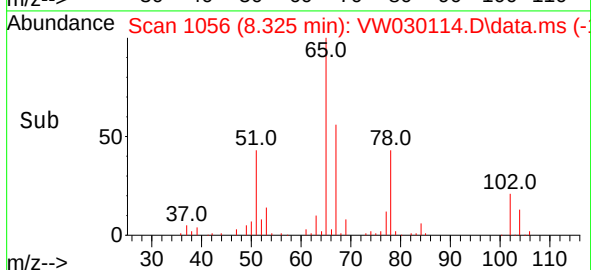
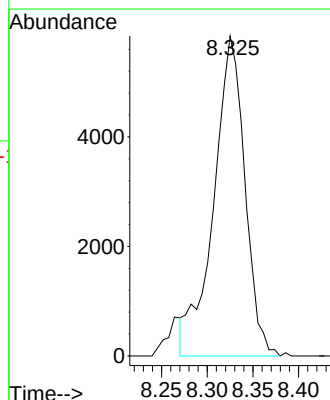
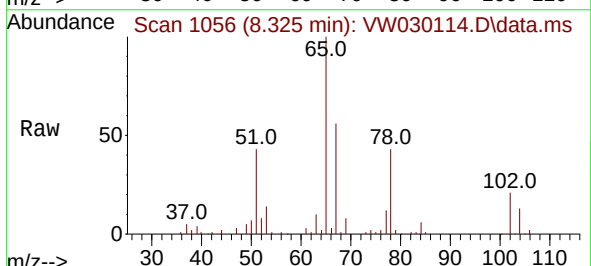
RT: 8.325 min Scan# 1056

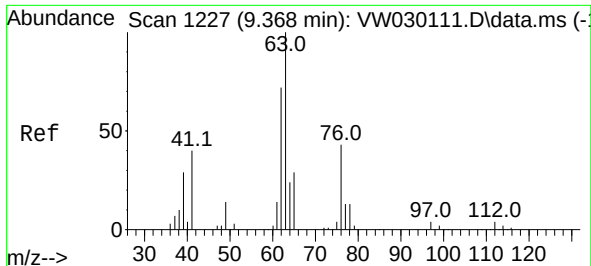
Delta R.T. -0.000 min

Lab File: VW030114.D

Acq: 30 Aug 2024 13:04

Tgt Ion: 78 Resp: 13896





#37

1,2-Dichloropropane

Concen: 5.030 ug/L

RT: 9.276 min Scan# 1212

Delta R.T. -0.092 min

Lab File: VW030114.D

Acq: 30 Aug 2024 13:04

Instrument :

MSVOA_W

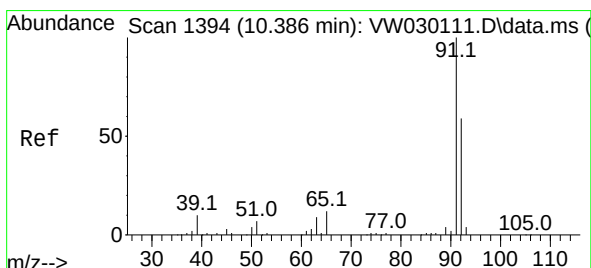
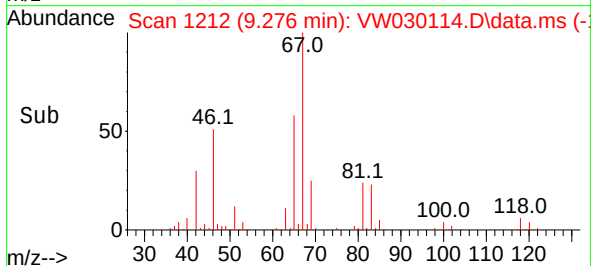
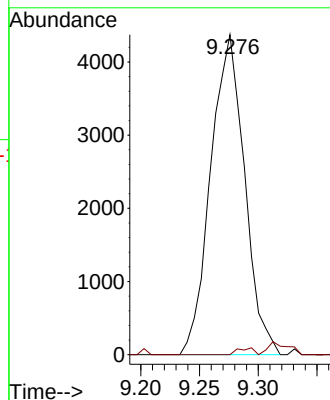
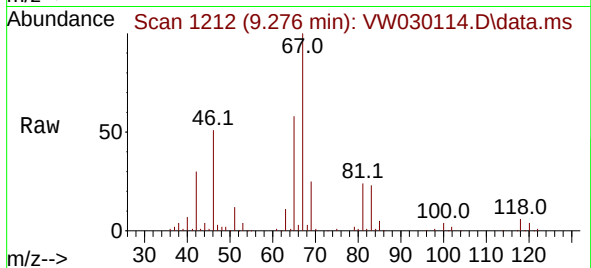
ClientSampleId :

Tgt Ion: 63 Resp: 8780

Ion Ratio Lower Upper

63 100

112 1.0 3.7 5.5#



#42

Toluene

Concen: 2.018 ug/L

RT: 10.386 min Scan# 1394

Delta R.T. -0.000 min

Lab File: VW030114.D

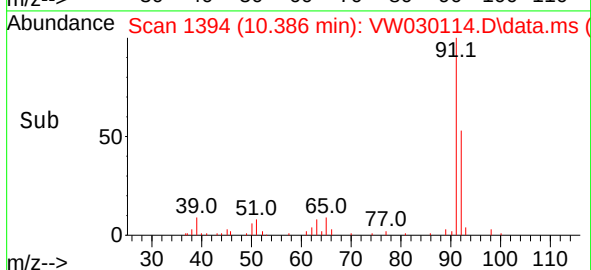
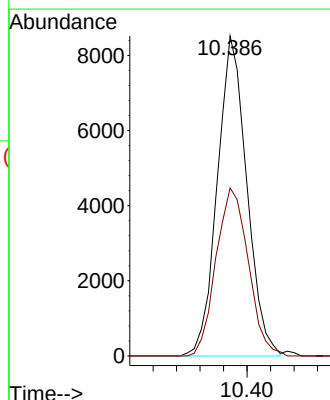
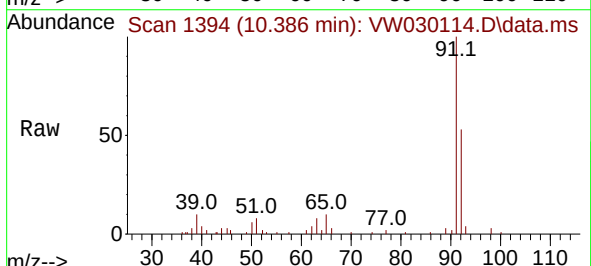
Acq: 30 Aug 2024 13:04

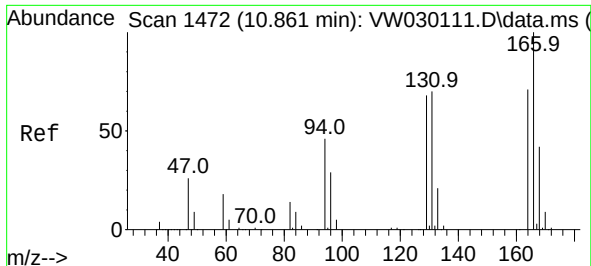
Tgt Ion: 91 Resp: 14817

Ion Ratio Lower Upper

91 100

92 52.5 39.5 73.4





#46

Tetrachloroethene

Concen: 0.812 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. -0.000 min

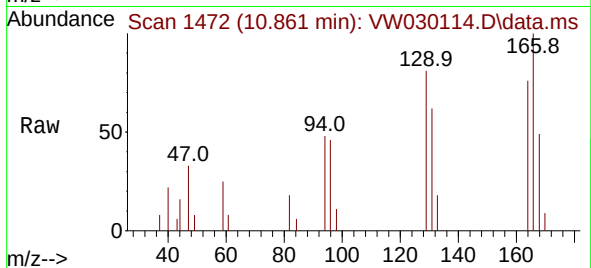
Lab File: VW030114.D

Acq: 30 Aug 2024 13:04

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:164 Resp: 1144

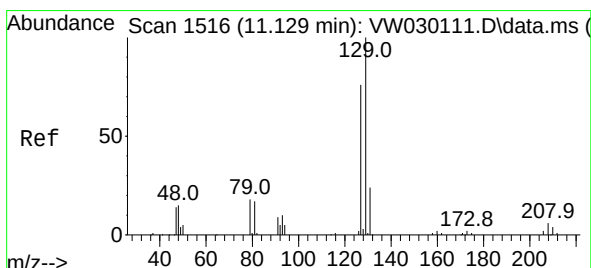
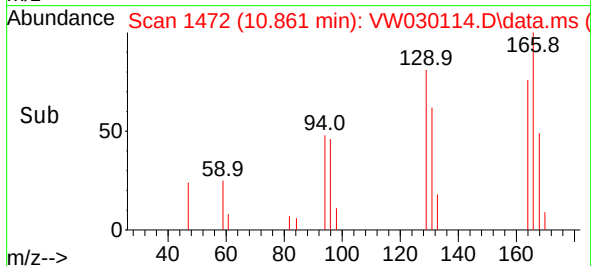
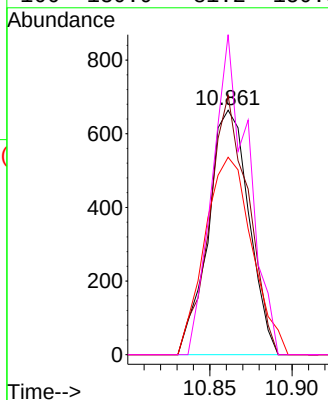
Ion Ratio Lower Upper

164 100

129 106.0 66.1 122.7

131 80.7 62.6 116.2

166 130.9 81.2 150.8



#49

Dibromochloromethane

Concen: 0.785 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. -0.268 min

Lab File: VW030114.D

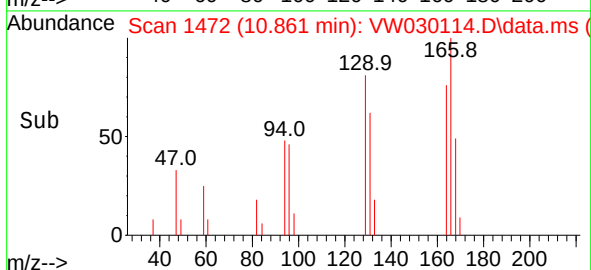
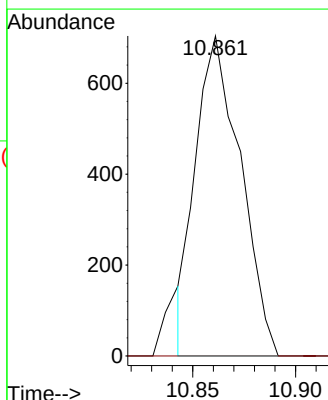
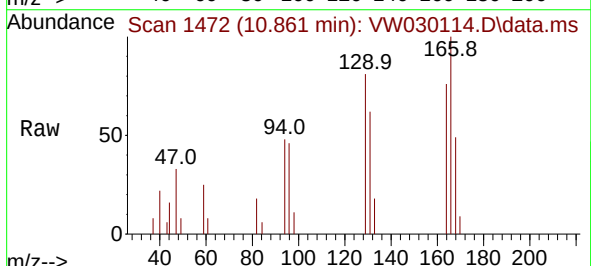
Acq: 30 Aug 2024 13:04

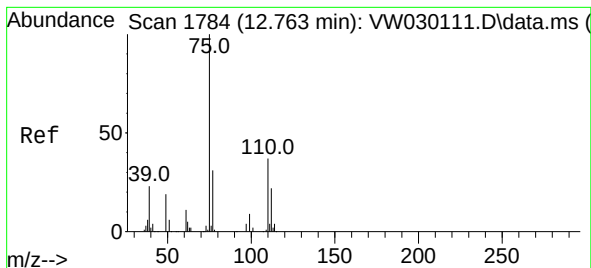
Tgt Ion:129 Resp: 1067

Ion Ratio Lower Upper

129 100

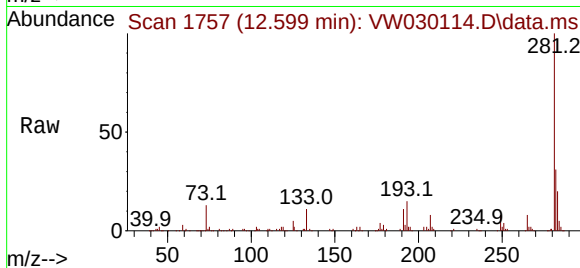
127 0.0 51.8 96.2#



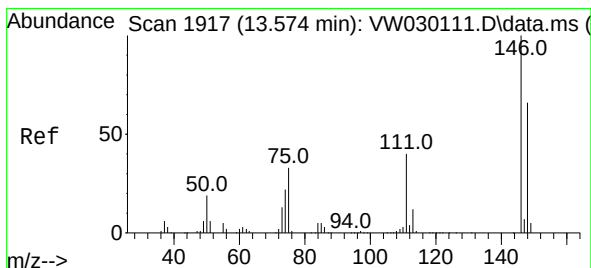
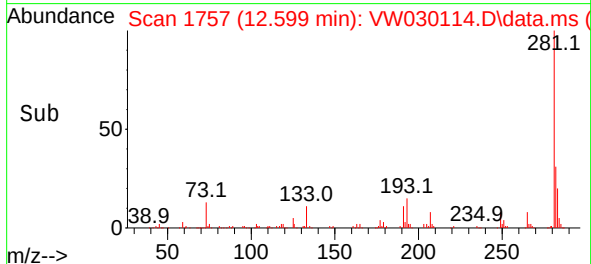
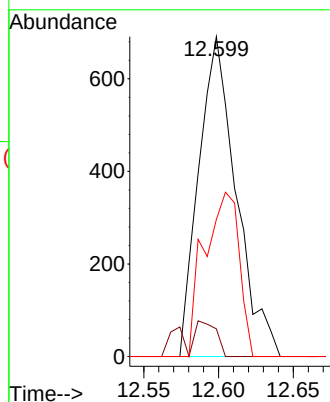


#61
1,2,3-Trichloropropane
Concen: 2.711 ug/L
RT: 12.599 min Scan# 1757
Delta R.T. -0.165 min
Lab File: VW030114.D
Acq: 30 Aug 2024 13:04

Instrument :
MSVOA_W
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Tgt Ion: 75 Resp: 1203
Ion Ratio Lower Upper
75 100
77 4.5 26.0 39.0#
110 33.5 31.0 46.4



#65
1,4-Dichlorobenzene
Concen: 0.452 ug/L
RT: 13.580 min Scan# 1918
Delta R.T. 0.006 min
Lab File: VW030114.D
Acq: 30 Aug 2024 13:04

Tgt Ion: 146 Resp: 677
Ion Ratio Lower Upper
146 100
111 75.9 28.2 52.4#
148 69.0 45.8 85.2

