

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082824\
 Data File : VW030086.D
 Acq On : 28 Aug 2024 19:09
 Operator : SY/MD
 Sample : P3675-15
 Misc : 4.95g/10mL/MSVOA_W/SOIL/B
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Aug 29 01:18:32 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM082624SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Aug 29 01:10:06 2024
 Response via : Initial Calibration

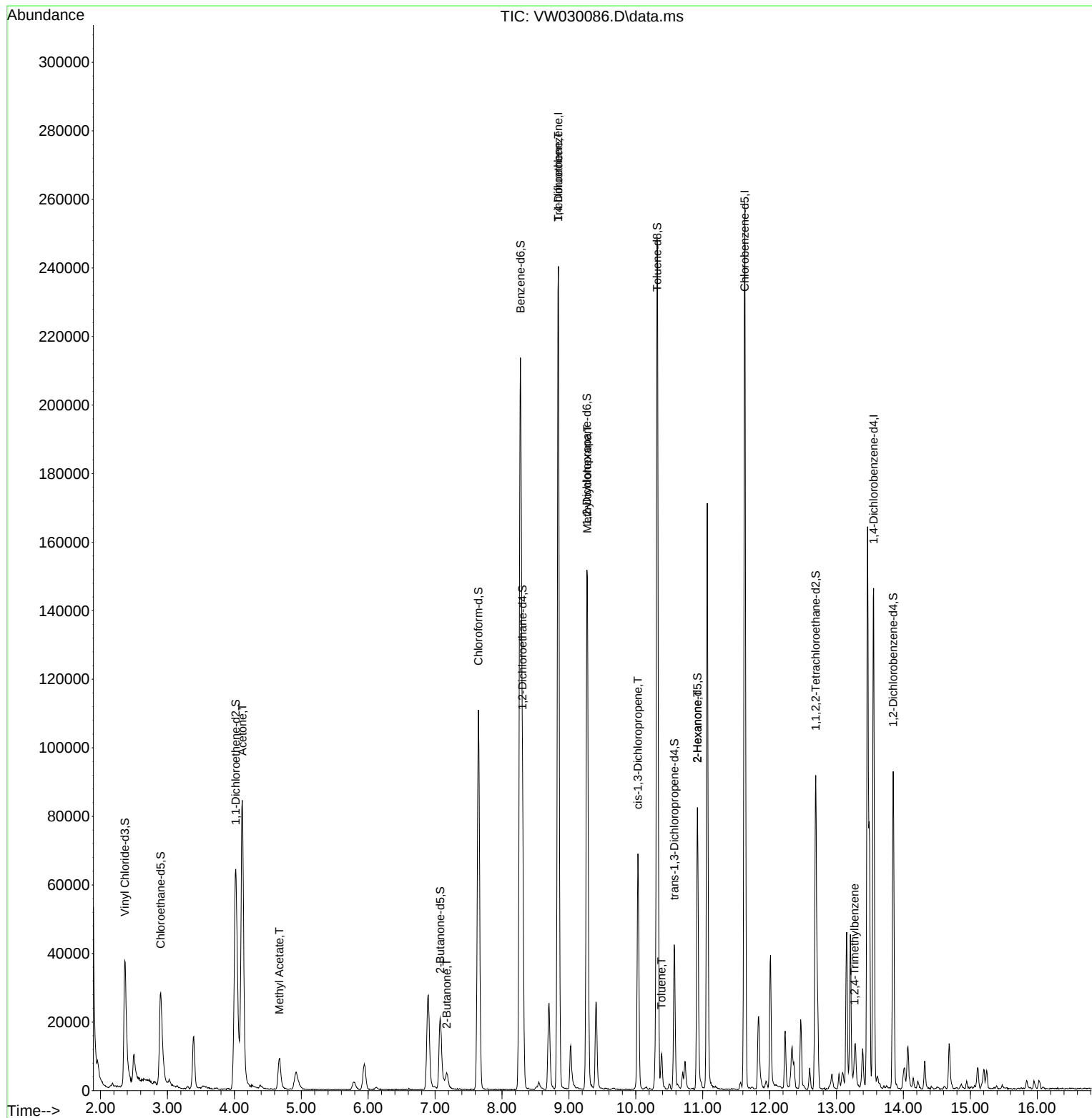
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	190516	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	134675	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	37187	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	63607	22.435	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.760%
7) Chloroethane-d5	2.899	69	46604	23.161	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.640%
11) 1,1-Dichloroethene-d2	4.021	65	26510	21.886	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	87.560%
21) 2-Butanone-d5	7.075	46	37127	65.693	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	131.380%
24) Chloroform-d	7.648	84	113071	22.008	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	88.040%
26) 1,2-Dichloroethane-d4	8.307	65	64711	24.805	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	99.240%
32) Benzene-d6	8.276	84	212300	26.706	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	106.840%
36) 1,2-Dichloropropane-d6	9.270	67	70354	30.207	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	120.840%#
41) Toluene-d8	10.319	98	161161	22.274	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	89.080%
43) trans-1,3-Dichloroprop...	10.575	79	23632	24.667	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	98.680%
47) 2-Hexanone-d5	10.922	63	27178	76.245	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	152.480%#
56) 1,1,2,2-Tetrachloroeth...	12.690	84	45028	26.259	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	105.040%
66) 1,2-Dichlorobenzene-d4	13.848	152	21996	16.353	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	65.400%#
Target Compounds						
13) Acetone	4.119	43	143873	278.325	ug/L	97
15) Methyl Acetate	4.673	43	17374	17.239	ug/L #	74
22) 2-Butanone	7.173	43	7659	10.354	ug/L	95
34) Trichloroethene	8.843	95	6005	2.585	ug/L #	8
35) Methylcyclohexane	9.276	83	16344	4.295	ug/L #	21
39) cis-1,3-Dichloropropene	10.032	75	1752	0.521	ug/L #	82
42) Toluene	10.386	91	7239	0.788	ug/L	97
48) 2-Hexanone	10.922	43	3930	5.083	ug/L #	65
63) 1,2,4-Trimethylbenzene	13.269	105	2441	0.525	ug/L #	31

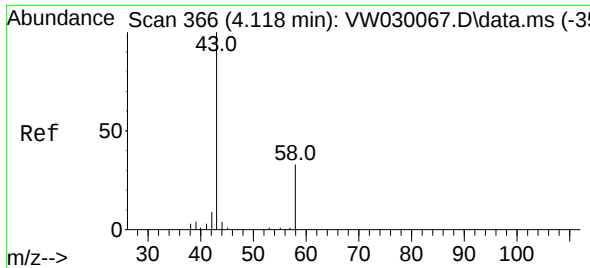
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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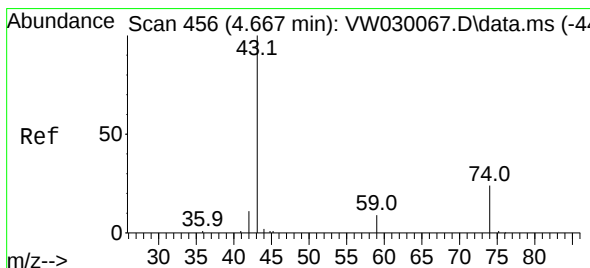
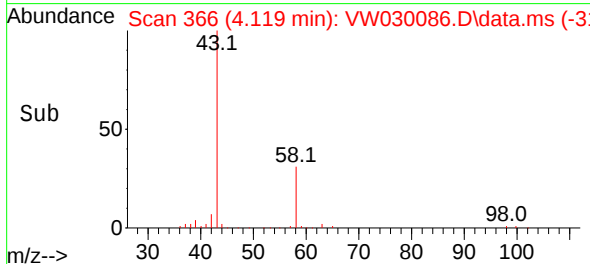
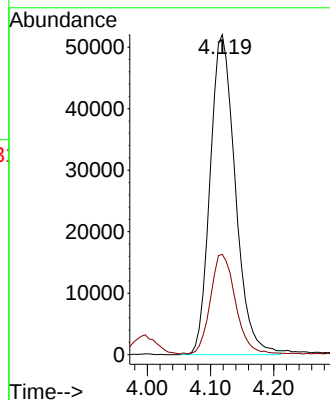
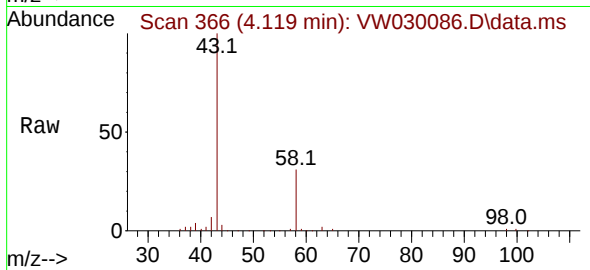




#13
Acetone
Concen: 278.325 ug/L
RT: 4.119 min Scan# 366
Delta R.T. 0.000 min
Lab File: VW030086.D
Acq: 28 Aug 2024 19:09

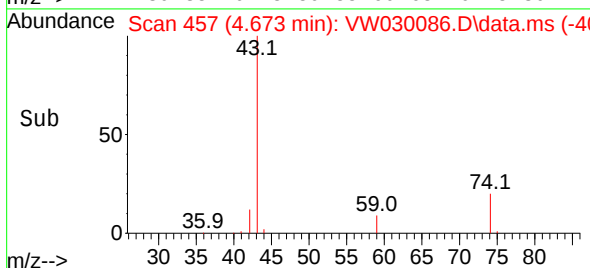
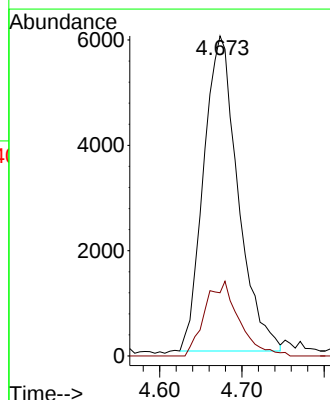
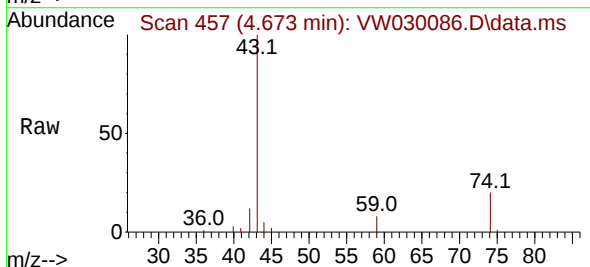
Instrument :
MSVOA_W
ClientSampleId :

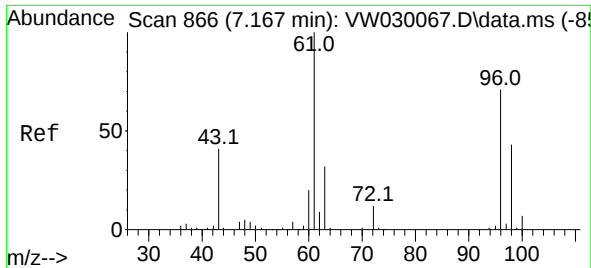
Tgt Ion: 43 Resp: 143873
Ion Ratio Lower Upper
43 100
58 31.5 0.0 66.4



#15
Methyl Acetate
Concen: 17.239 ug/L
RT: 4.673 min Scan# 457
Delta R.T. 0.006 min
Lab File: VW030086.D
Acq: 28 Aug 2024 19:09

Tgt Ion: 43 Resp: 17374
Ion Ratio Lower Upper
43 100
74 11.7 19.9 29.9#





#22

2-Butanone

Concen: 10.354 ug/L

RT: 7.173 min Scan# 8

Delta R.T. 0.006 min

Lab File: VW030086.D

Acq: 28 Aug 2024 19:09

Instrument :

MSVOA_W

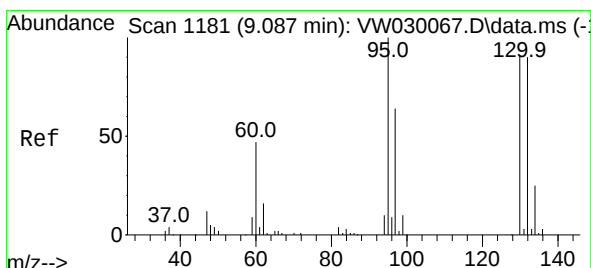
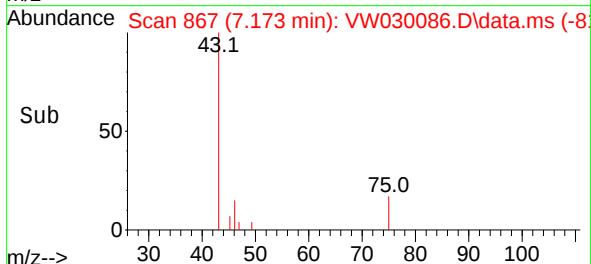
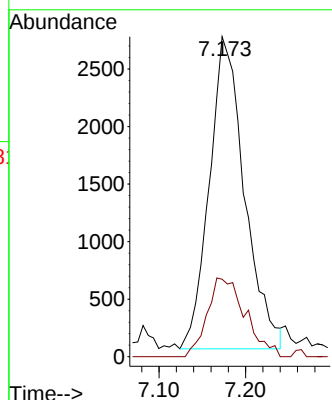
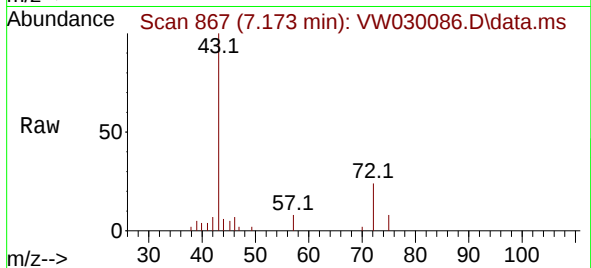
ClientSampleId :

Tgt Ion: 43 Resp: 7659

Ion Ratio Lower Upper

43 100

72 27.3 15.0 45.1



#34

Trichloroethene

Concen: 2.585 ug/L

RT: 8.843 min Scan# 1141

Delta R.T. -0.244 min

Lab File: VW030086.D

Acq: 28 Aug 2024 19:09

Tgt Ion: 95 Resp: 6005

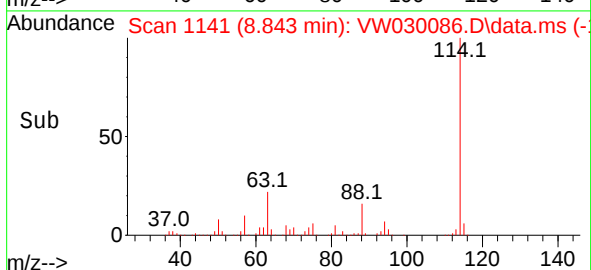
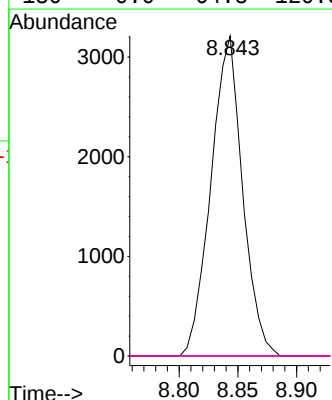
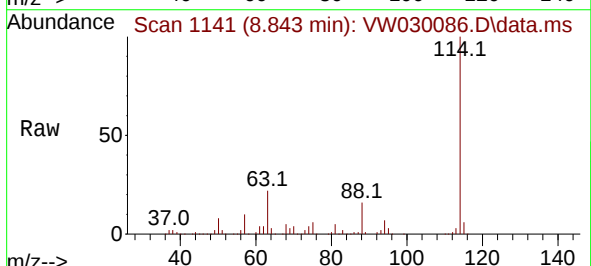
Ion Ratio Lower Upper

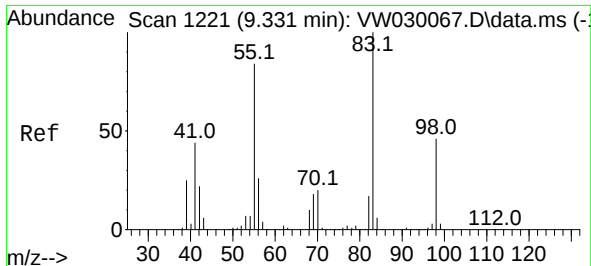
95 100

97 0.0 43.3 80.5#

132 0.0 63.6 118.0#

130 0.0 64.8 120.3#





#35

Methylcyclohexane

Concen: 4.295 ug/L

RT: 9.276 min Scan# 11

Delta R.T. -0.055 min

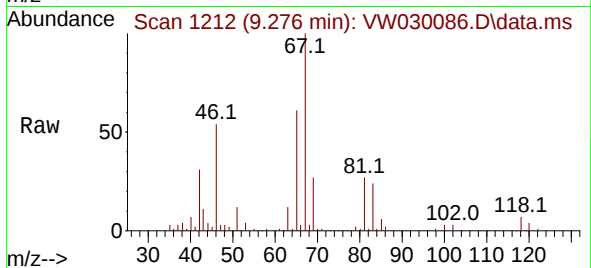
Lab File: VW030086.D

Acq: 28 Aug 2024 19:09

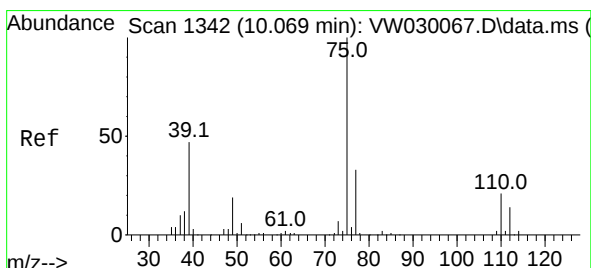
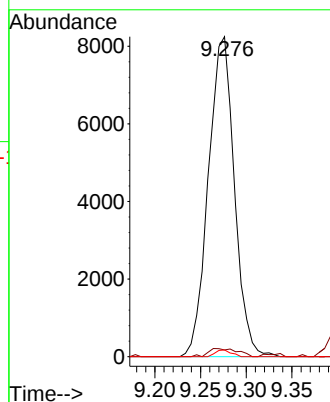
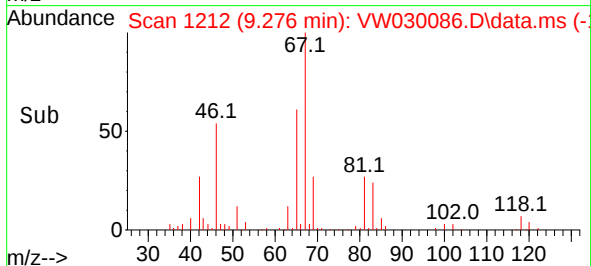
Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:	83	Resp:	16344
Ion	Ratio	Lower	Upper
83	100		
55	1.6	59.0	88.6#
98	1.3	38.2	57.4#



#39

cis-1,3-Dichloropropene

Concen: 0.521 ug/L

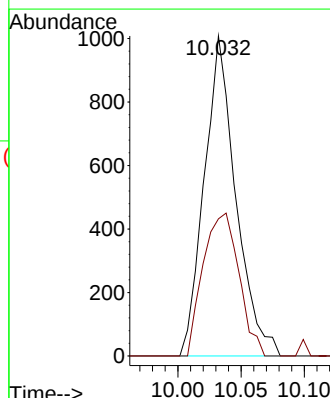
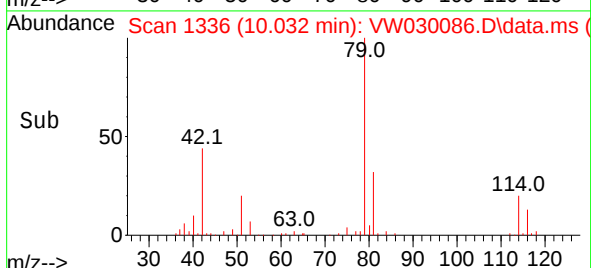
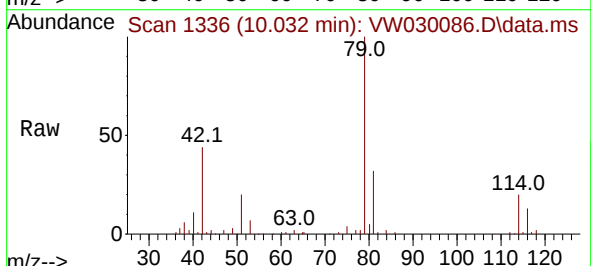
RT: 10.032 min Scan# 1336

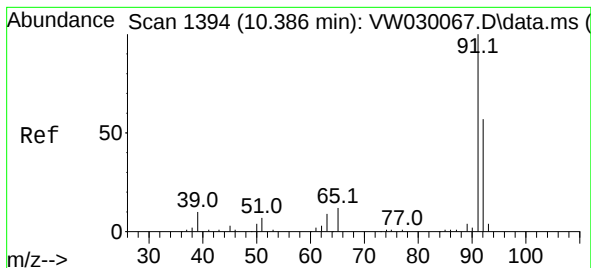
Delta R.T. -0.037 min

Lab File: VW030086.D

Acq: 28 Aug 2024 19:09

Tgt Ion:	75	Resp:	1752
Ion	Ratio	Lower	Upper
75	100		
77	42.9	22.8	42.4#





#42

Toluene

Concen: 0.788 ug/L

RT: 10.386 min Scan# 1482

Delta R.T. 0.000 min

Lab File: VW030086.D

Acq: 28 Aug 2024 19:09

Instrument :

MSVOA_W

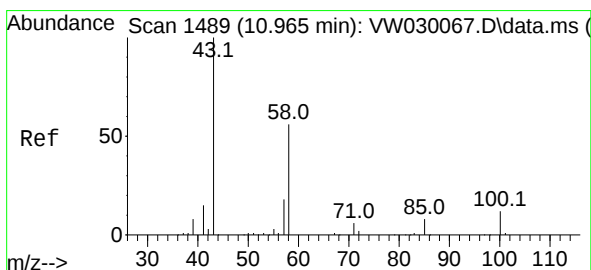
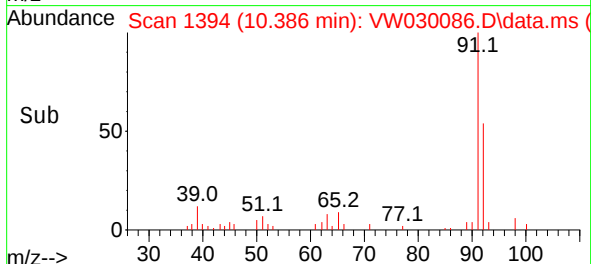
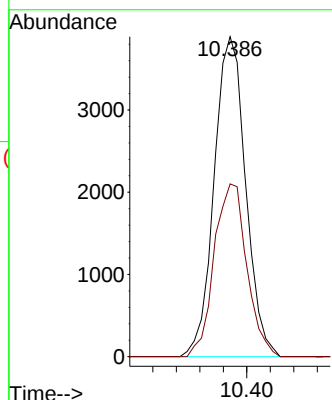
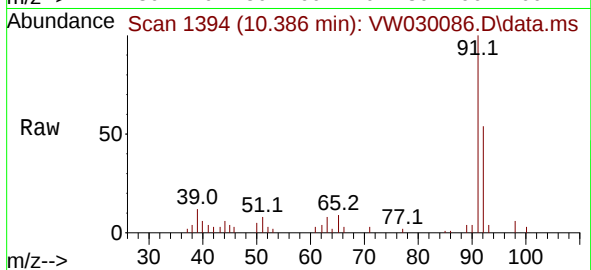
ClientSampleId :

Tgt Ion: 91 Resp: 7239

Ion Ratio Lower Upper

91 100

92 54.0 39.5 73.4



#48

2-Hexanone

Concen: 5.083 ug/L

RT: 10.922 min Scan# 1482

Delta R.T. -0.043 min

Lab File: VW030086.D

Acq: 28 Aug 2024 19:09

Tgt Ion: 43 Resp: 3930

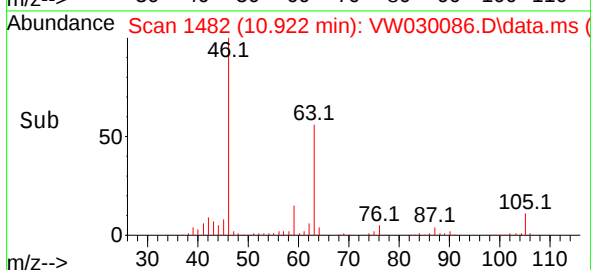
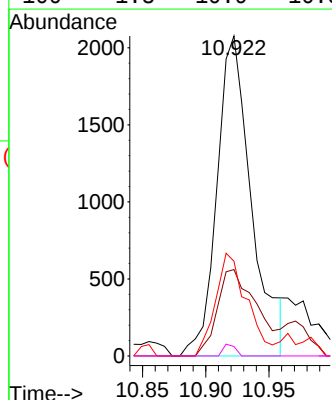
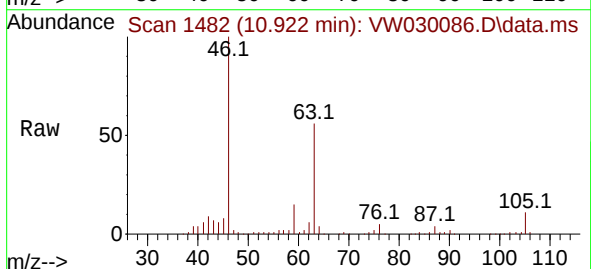
Ion Ratio Lower Upper

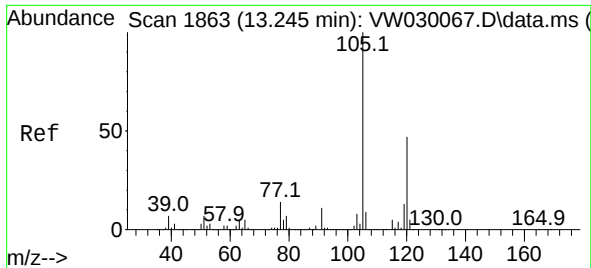
43 100

58 30.2 50.0 75.0#

57 29.4 17.3 25.9#

100 1.3 10.9 16.3#





#63
 1,2,4-Trimethylbenzene
 Concen: 0.525 ug/L
 RT: 13.269 min Scan# 11
 Delta R.T. 0.024 min
 Lab File: VW030086.D
 Acq: 28 Aug 2024 19:09

Instrument :
 MSVOA_W
 ClientSampleId :

Tgt Ion:105 Resp: 2441
 Ion Ratio Lower Upper
 105 100
 120 0.0 36.3 54.5#

