

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW100118\
 Data File : VW005739.D
 Acq On : 01 Oct 2018 16:53
 Operator : SY/AP
 Sample : J5180-08
 Misc : 3.76G/105ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Oct 02 05:45:30 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM092818S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Oct 02 05:44:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	36272	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.64	117	32724	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	10459	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	7158	15.48	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	61.92%
7) Chloroethane-d5	2.89	69	7175	19.89	ug/L	-0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	79.56%
10) 1,1-Dichloroethene-d2	4.01	63	13493	13.36	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	53.44%
20) 2-Butanone-d5	7.08	46	9856	66.40	ug/L	-0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	132.80%
24) Chloroform-d	7.65	84	24964	26.79	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	107.16%
26) 1,2-Dichloroethane-d4	8.31	65	17559	31.11	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	124.44%
29) Benzene-d6	8.28	84	38333	23.66	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	94.64%
33) 1,2-Dichloropropane-d6	9.28	67	13739	29.34	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	117.36%
37) Toluene-d8	10.33	98	30297	18.94	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	75.76%
38) trans-1,3-Dichloropropene-	10.58	79	5717	23.25	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	93.00%
39) 2-Hexanone-d5	10.93	63	5831	53.18	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	106.36%
48) 1,1,2,2-Tetrachloroethane-	12.70	84	13619	29.94	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	119.76%
61) 1,2-Dichlorobenzene-d4	13.86	152	8692	23.49	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	93.96%

Target Compounds

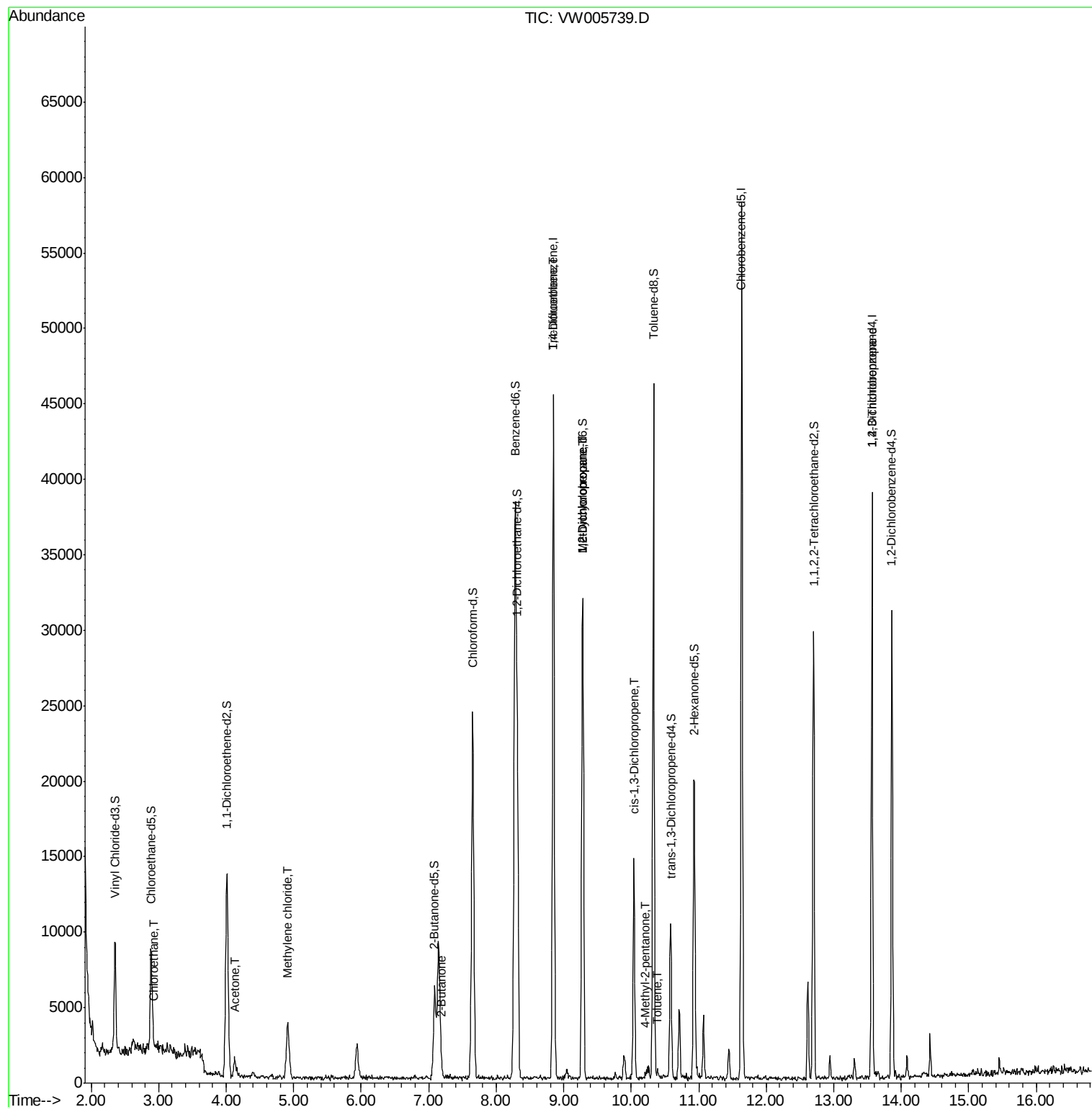
					Ovalue
8) Chloroethane	2.93	64	86	0.271 ug/L #	44
13) Acetone	4.12	43	1129	7.303 ug/L	63
16) Methylene chloride	4.91	84	2591	4.332 ug/L	96
21) 2-Butanone	7.20	43	209	1.129 ug/L #	49
35) Trichloroethene	8.85	95	1320	2.668 ug/L #	5
36) Methylcyclohexane	9.27	83	3644	4.236 ug/L #	18
40) 1,2-Dichloropropane	9.28	63	1734	3.848 ug/L #	87
42) cis-1,3-Dichloropropene	10.04	75	425	0.571 ug/L	86
43) 4-Methyl-2-pentanone	10.21	43	334	0.908 ug/L #	72
44) Toluene	10.40	91	564	0.273 ug/L #	64
59) 1,2,3-Trichloropropane	13.57	75	1279	3.285 ug/L #	79

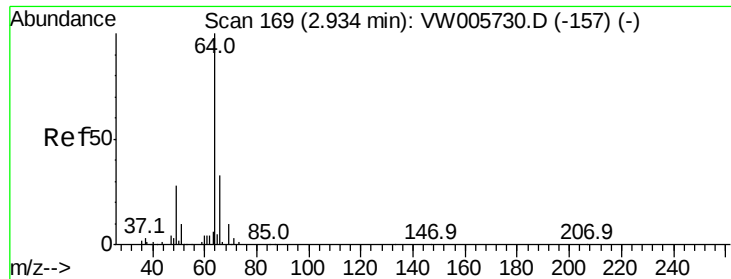
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Tue Oct 02 05:44:23 2018
Response via : Initial Calibration





#8

Chloroethane

Concen: 0.271 ug/L

RT: 2.93 min Scan# 169

Delta R.T. -0.00 min

Lab File: VW005739.D

Acq: 01 Oct 2018 16:53

Instrument :

MSVOA_W

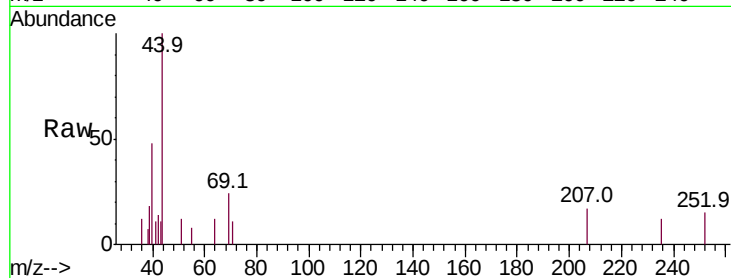
ClientSampleId :

Tot Ion: 64 Resp: 86

Ion Ratio Lower Upper

64 100

66 0.0 21.1 39.3#

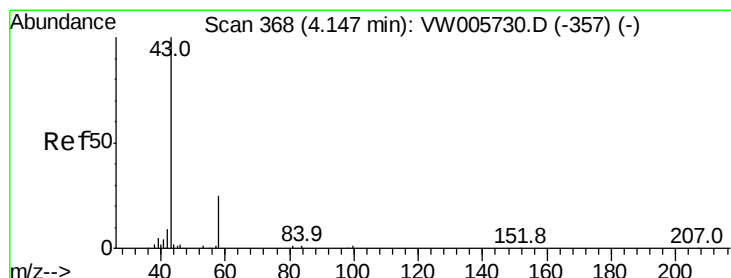
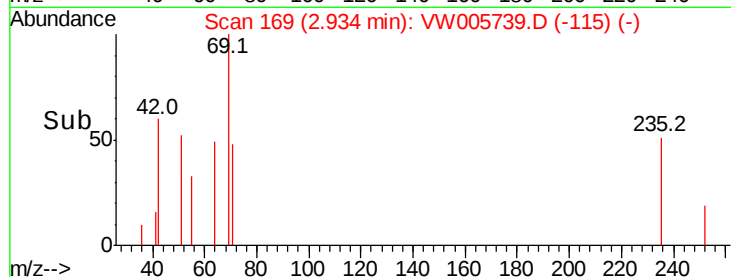


Abundance Ion 64.00 (63.70 to 64.70): VW

Ion 66.00 (65.70 to 66.70): VW

2.93

Time-->



#13

Acetone

Concen: 7.303 ug/L

RT: 4.12 min Scan# 363

Delta R.T. -0.03 min

Lab File: VW005739.D

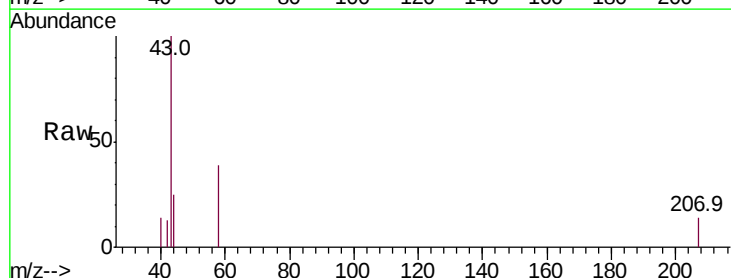
Acq: 01 Oct 2018 16:53

Tgt Ion: 43 Resp: 1129

Ion Ratio Lower Upper

43 100

58 31.7 0.0 31.8

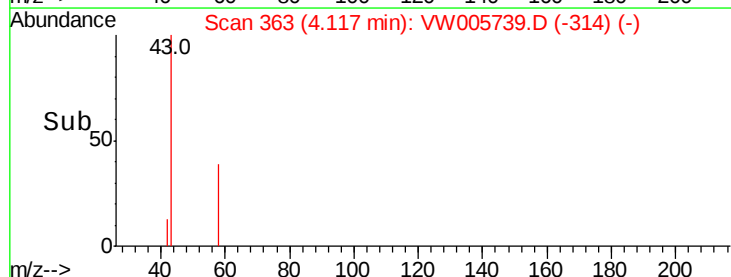


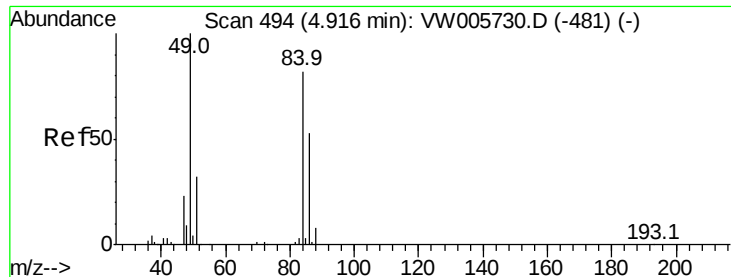
Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.12

Time-->

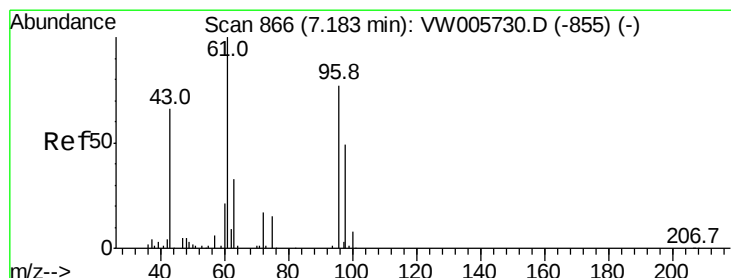
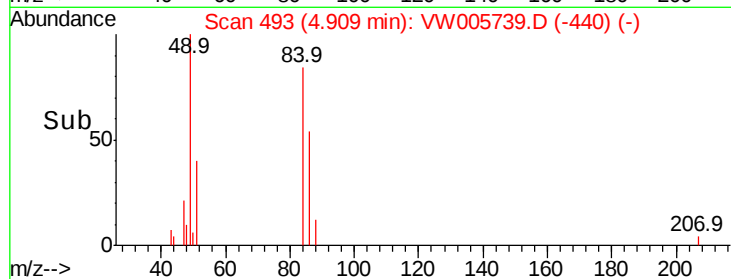
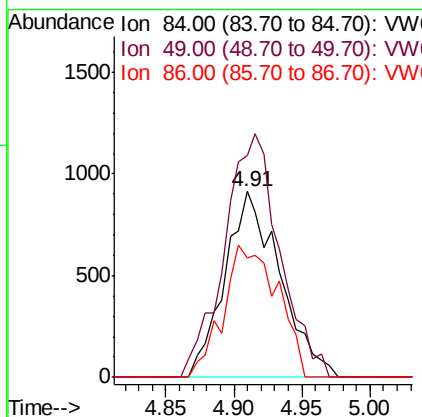
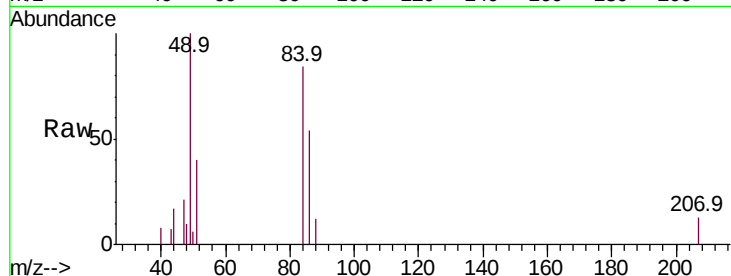




#16
Methvlene chloride
Concen: 4.332 ug/L
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW005739.D
Acq: 01 Oct 2018 16:53

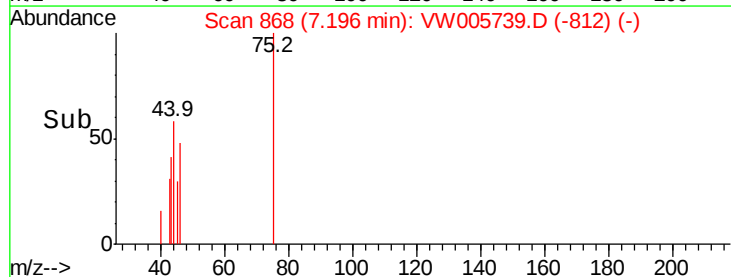
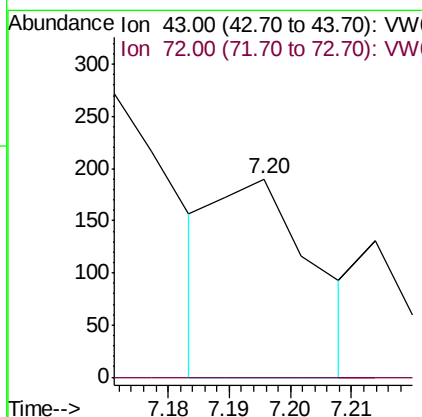
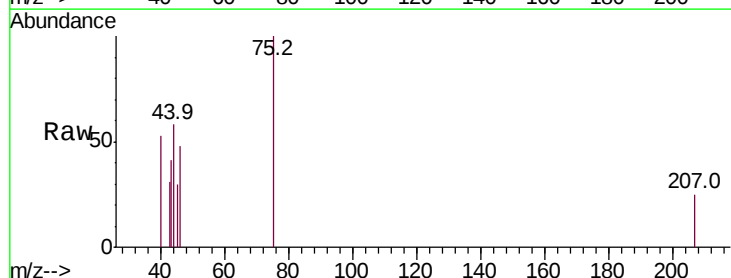
Instrument :
MSVOA_W
ClientSampled :

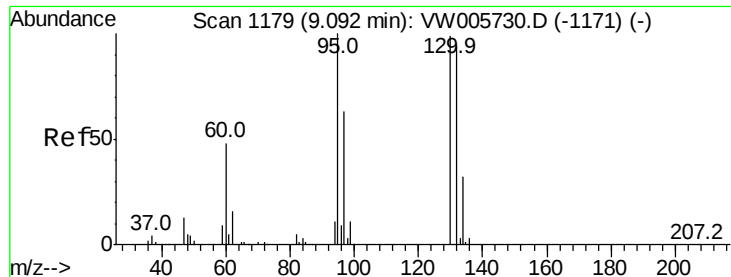
Tot Ion: 84 Resp: 2591
Ion Ratio Lower Upper
84 100
49 119.5 87.2 162.0
86 64.3 43.2 80.2



#21
2-Butanone
Concen: 1.129 ug/L
RT: 7.20 min Scan# 868
Delta R.T. 0.01 min
Lab File: VW005739.D
Acq: 01 Oct 2018 16:53

Tgt Ion: 43 Resp: 209
Ion Ratio Lower Upper
43 100
72 0.0 13.2 39.6#

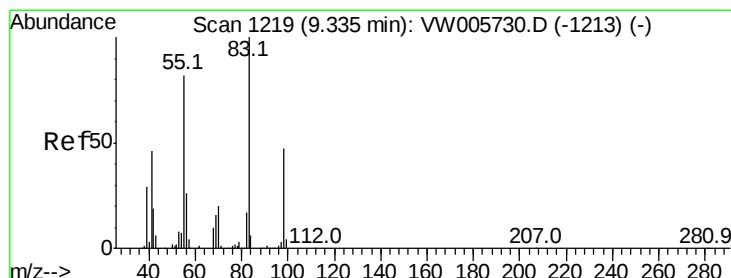
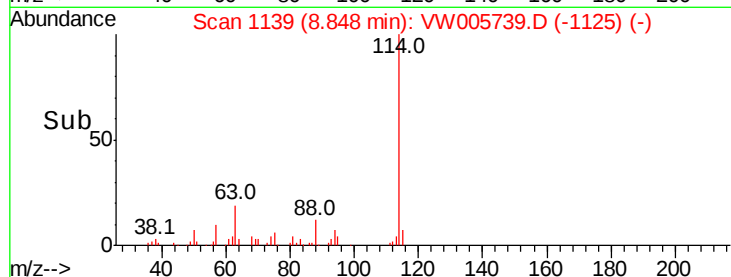
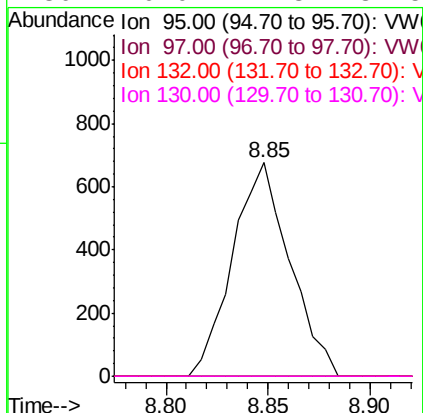
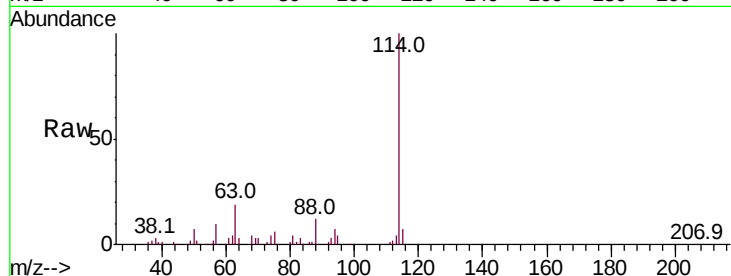




#35
 Trichloroethene
 Concen: 2.668 ug/L
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.24 min
 Lab File: VW005739.D
 Acq: 01 Oct 2018 16:53

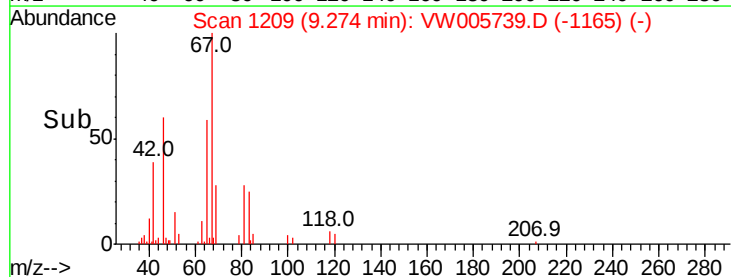
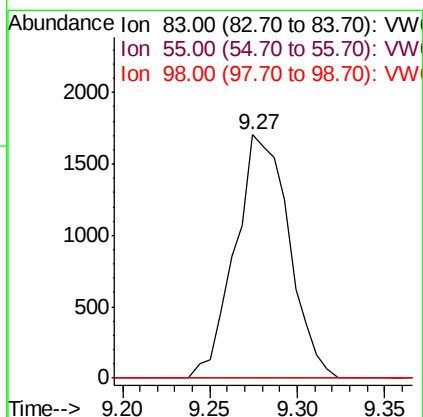
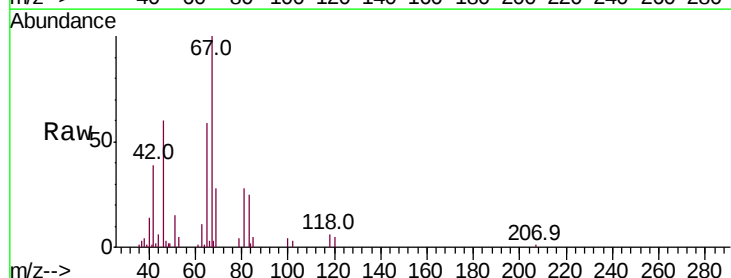
Instrument :
 MSVOA_W
 ClientSampled :

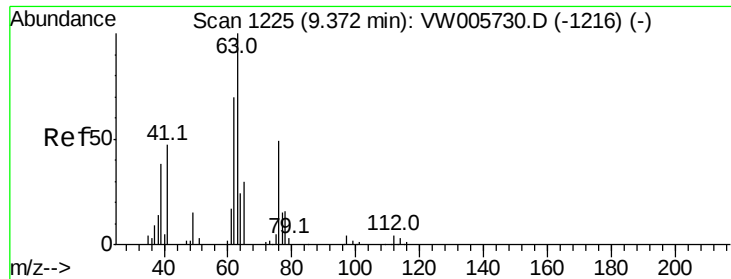
Tot Ion	Ratio	Lower	Upper
95	100		
97	0.0	45.2	84.0#
132	0.0	68.0	126.4#
130	0.0	71.3	132.5#



#36
 Methylcyclohexane
 Concen: 4.236 ug/L
 RT: 9.27 min Scan# 1209
 Delta R.T. -0.06 min
 Lab File: VW005739.D
 Acq: 01 Oct 2018 16:53

Tgt Ion	Ratio	Lower	Upper
83	100		
55	0.0	62.5	93.7#
98	0.0	37.7	56.5#





#40

1,2-Dichloropropane

Concen: 3.848 ug/L

RT: 9.28 min Scan# 1210

Delta R.T. -0.09 min

Lab File: VW005739.D

Acq: 01 Oct 2018 16:53

Instrument :

MSVOA_W

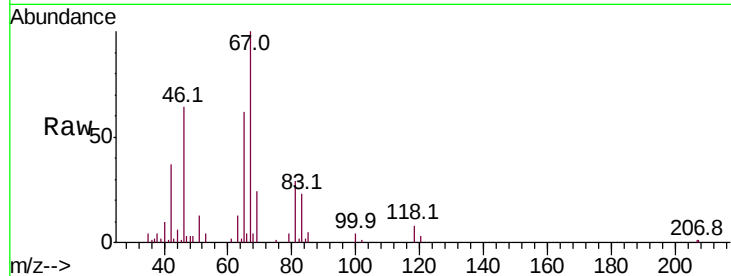
ClientSampled :

Tot Ion: 63 Resp: 1734

Ion Ratio Lower Upper

63 100

112 0.0 3.4 5.2#



Abundance Ion 63.00 (62.70 to 63.70): VW

Ion 112.00 (111.70 to 112.70): V

9.28

1000

800

600

400

200

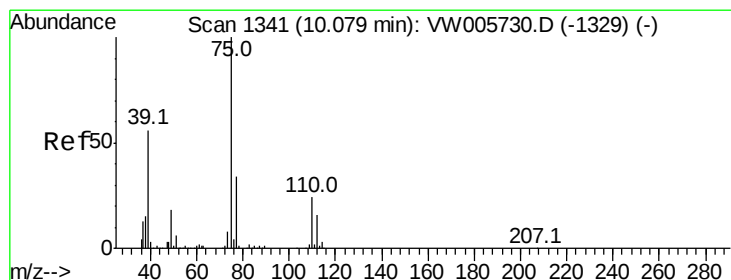
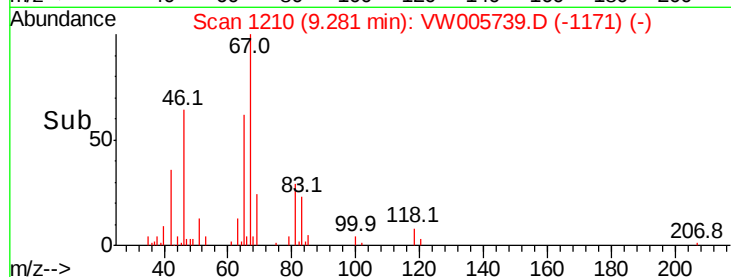
0

9.20

9.25

9.30

Time-->



#42

cis-1,3-Dichloropropene

Concen: 0.571 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

Lab File: VW005739.D

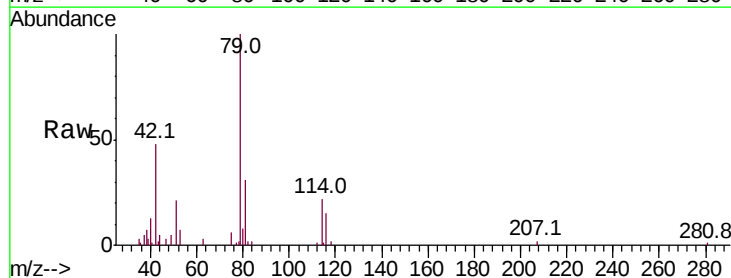
Acq: 01 Oct 2018 16:53

Tgt Ion: 75 Resp: 425

Ion Ratio Lower Upper

75 100

77 24.3 22.3 41.3



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

10.04

300

250

200

150

100

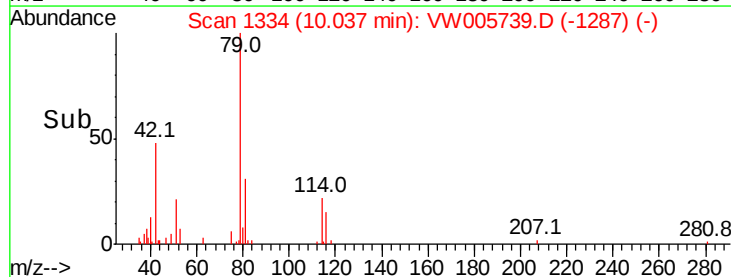
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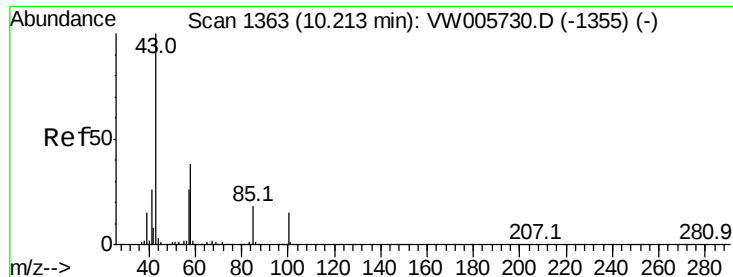
0

10.00

10.05

Time-->

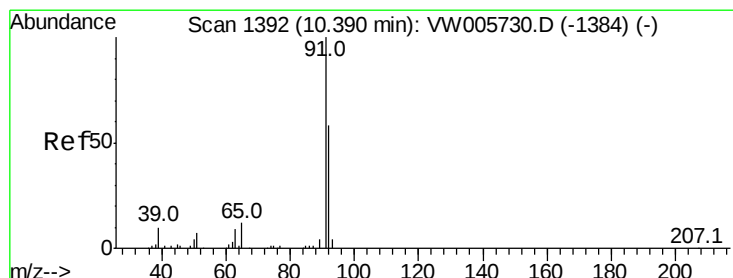
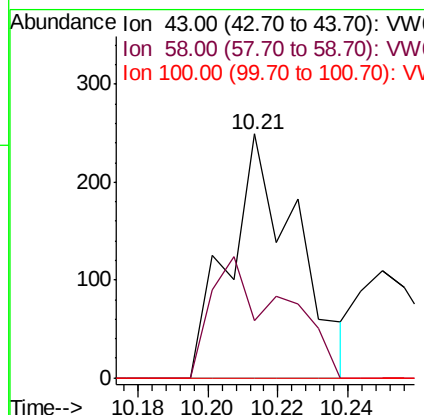
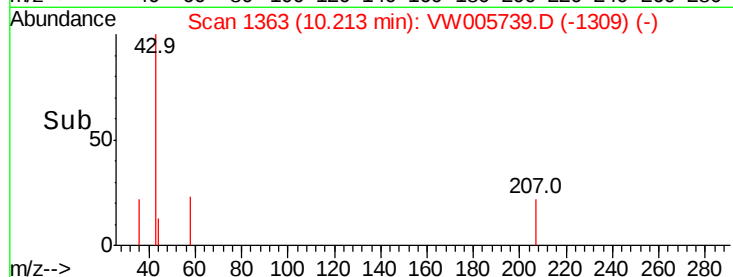
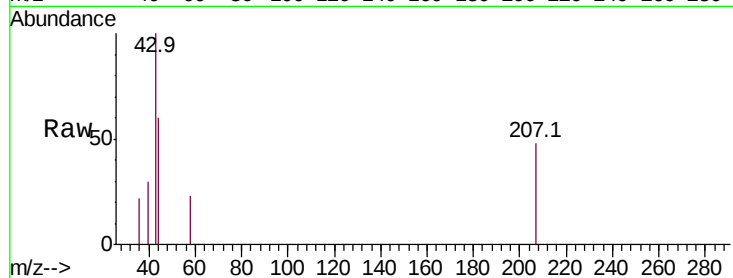




#43
4-Methyl-2-pentanone
Concen: 0.908 ug/L
RT: 10.21 min Scan# 1363
Delta R.T. -0.00 min
Lab File: VW005739.D
Acq: 01 Oct 2018 16:53

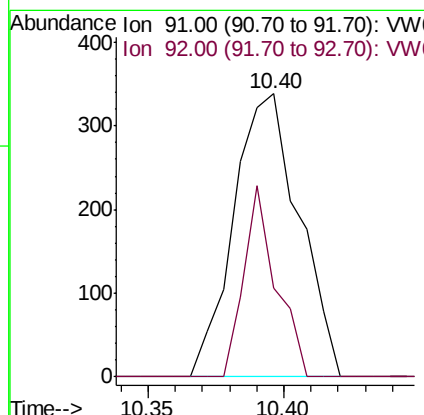
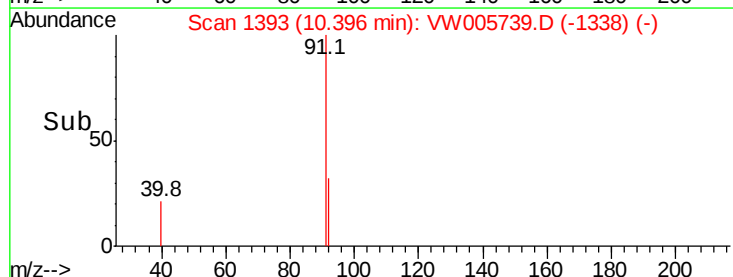
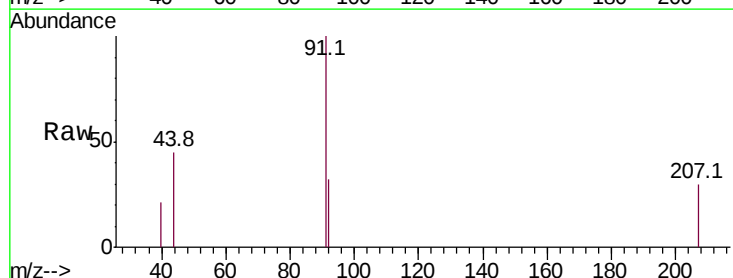
Instrument :
MSVOA_W
ClientSampled :

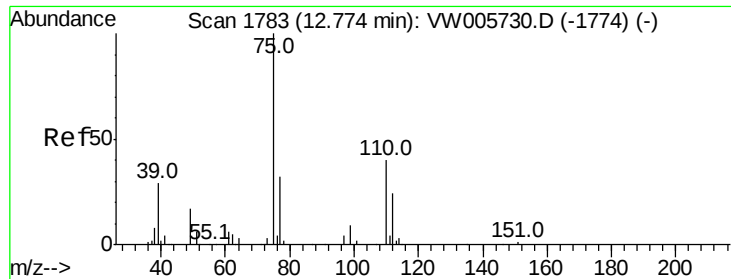
Tot Ion: 43 Resp: 334
Ion Ratio Lower Upper
43 100
58 22.8 29.8 44.8#
100 0.0 12.2 18.4#



#44
Toluene
Concen: 0.273 ug/L
RT: 10.40 min Scan# 1393
Delta R.T. 0.01 min
Lab File: VW005739.D
Acq: 01 Oct 2018 16:53

Tgt Ion: 91 Resp: 564
Ion Ratio Lower Upper
91 100
92 31.7 40.7 75.5#





#59

1,2,3-Trichloropropane

Concen: 3.285 ug/L

RT: 13.57 min Scan# 1913

Delta R.T. 0.79 min

Lab File: VW005739.D

Acq: 01 Oct 2018 16:53

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion: 75 Resp: 1279

Ion Ratio Lower Upper

75 100

77 43.2 25.2 37.8#

