

Data File : VW006449.D
Acq On : 29 Oct 2018 12:15
Operator : SY/AP
Sample : J5705-03
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A40D6

Quant Time: Oct 30 04:56:27 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM100918S.M
Quant Title : VOC Analysis
QLast Update : Tue Oct 30 04:53:39 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	350628	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	327365	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	176427	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	108005	27.31	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	109.24%
7) Chloroethane-d5	2.89	69	95992	28.20	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	112.80%
10) 1,1-Dichloroethene-d2	4.01	63	149907	19.74	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	78.96%
20) 2-Butanone-d5	7.09	46	53986	41.19	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	82.38%
24) Chloroform-d	7.65	84	191155	25.17	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	100.68%
26) 1,2-Dichloroethane-d4	8.31	65	108564	25.84	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	103.36%
29) Benzene-d6	8.27	84	397244	26.73	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	106.92%
33) 1,2-Dichloropropane-d6	9.28	67	111537	24.87	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	99.48%
37) Toluene-d8	10.33	98	394900	26.57	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	106.28%
38) trans-1,3-Dichloropropene-	10.58	79	50876	23.34	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	93.36%
39) 2-Hexanone-d5	10.93	63	43943	40.54	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	81.08%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	102853	23.58	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	94.32%
61) 1,2-Dichlorobenzene-d4	13.86	152	162710	26.91	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	107.64%

Target Compounds

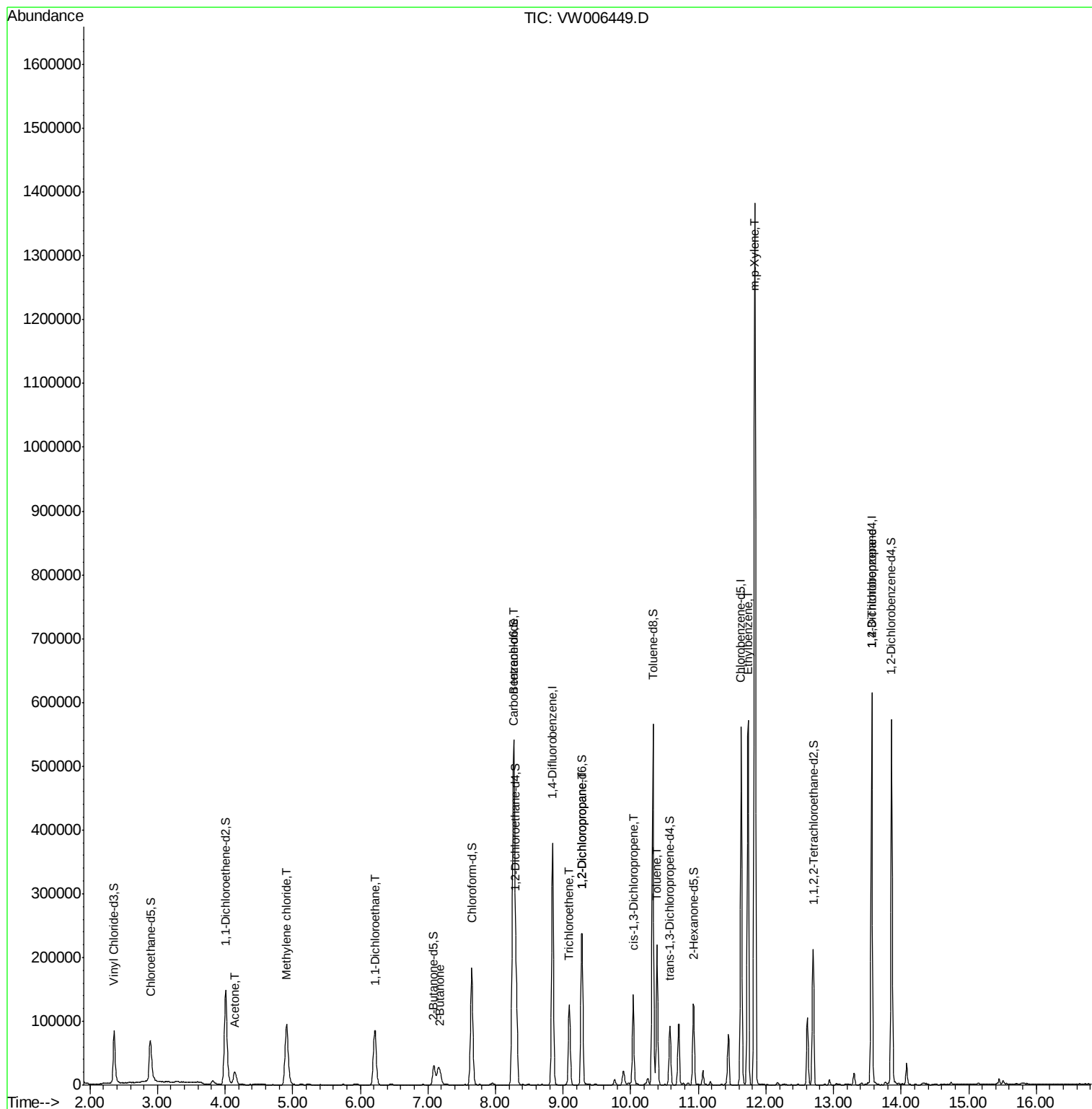
					Qvalue
13) Acetone	4.14	43	37684	28.459 ug/L	99
16) Methylene chloride	4.91	84	82368	18.195 ug/L	96
19) 1,1-Dichloroethane	6.21	63	123273	17.092 ug/L	97
21) 2-Butanone	7.18	43	22018	12.514 ug/L	98
32) Carbon tetrachloride	8.26	117	4022	0.599 ug/L #	28
35) Trichloroethene	9.09	95	42221	8.929 ug/L	99
40) 1,2-Dichloropropane	9.27	63	12910	3.097 ug/L #	87
42) cis-1,3-Dichloropropene	10.04	75	3799	0.558 ug/L #	80
44) Toluene	10.39	91	160248	8.492 ug/L	99
53) Ethylbenzene	11.74	91	411660	18.739 ug/L	100
54) m,p-Xylene	11.83	106	397384	46.148 ug/L	99
59) 1,2,3-Trichloropropane	13.57	75	17896	5.317 ug/L	93

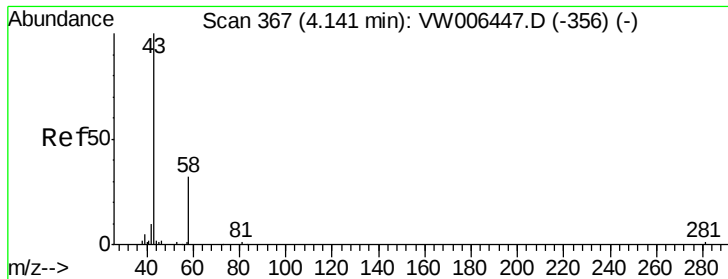
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VW006449.D
Acq On : 29 Oct 2018 12:15
Operator : SY/AP
Sample : J5705-03
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A40D6

Quant Time: Oct 30 04:56:27 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM100918S.M
Quant Title : VOC Analysis
QLast Update : Tue Oct 30 04:53:39 2018
Response via : Initial Calibration





#13

Acetone

Concen: 28.459 ug/L

RT: 4.14 min Scan# 367

Delta R.T. 0.00 min

Lab File: VW006449.D

Acq: 29 Oct 2018 12:15

Instrument :

MSVOA_W

ClientSampleId :

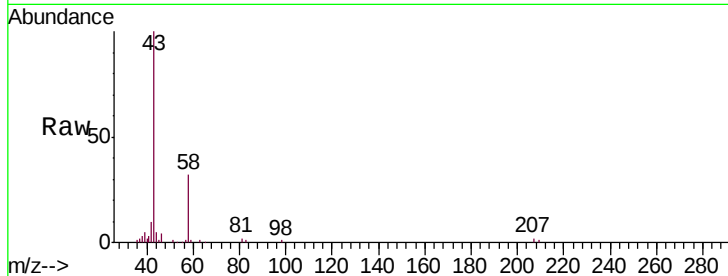
A40D6

Tgt Ion: 43 Resp: 37684

Ion Ratio Lower Upper

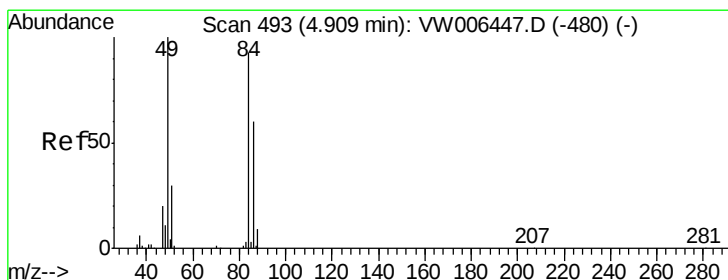
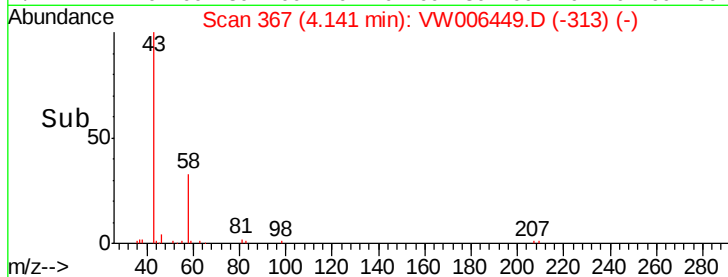
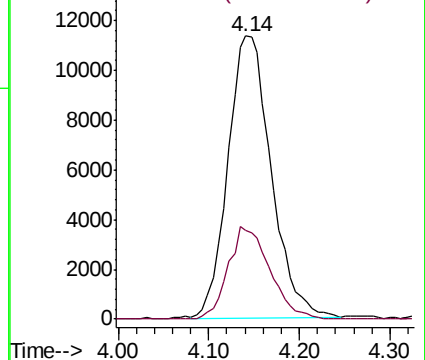
43 100

58 31.4 0.0 61.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#16

Methylene chloride

Concen: 18.195 ug/L

RT: 4.91 min Scan# 493

Delta R.T. 0.00 min

Lab File: VW006449.D

Acq: 29 Oct 2018 12:15

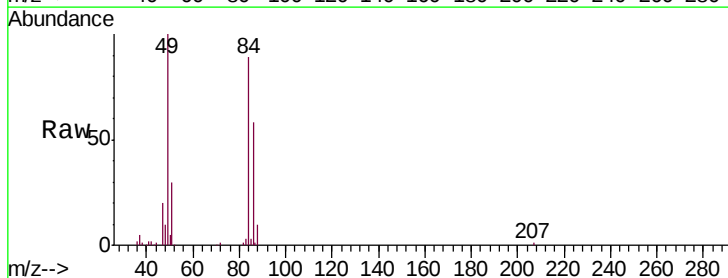
Tgt Ion: 84 Resp: 82368

Ion Ratio Lower Upper

84 100

49 112.2 83.5 155.1

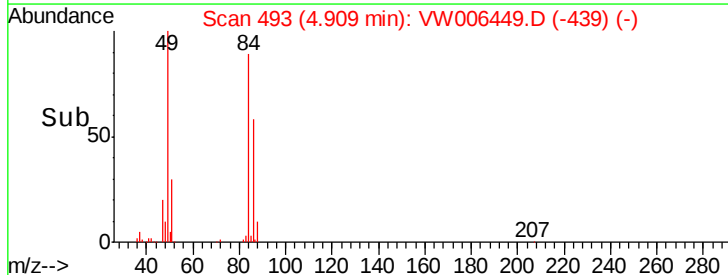
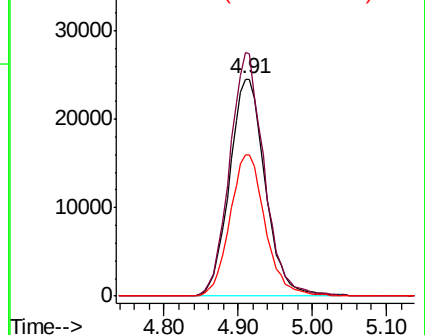
86 64.8 44.9 83.5

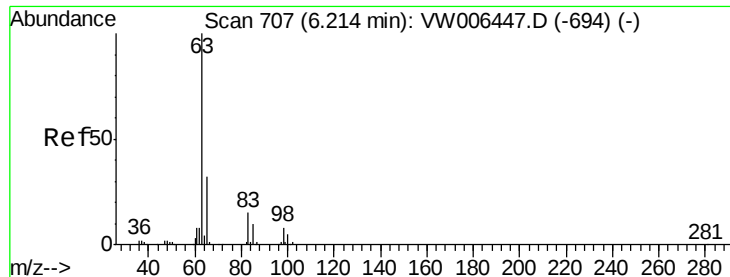


Abundance Ion 84.00 (83.70 to 84.70): VW

Ion 49.00 (48.70 to 49.70): VW

Ion 86.00 (85.70 to 86.70): VW

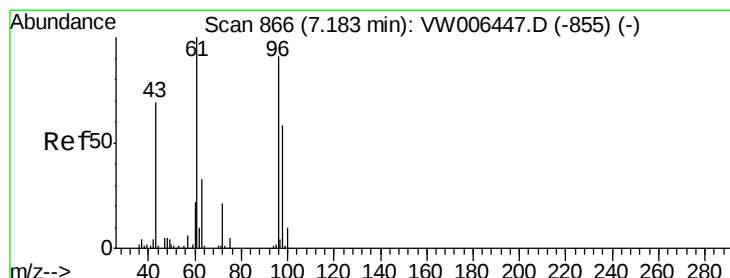
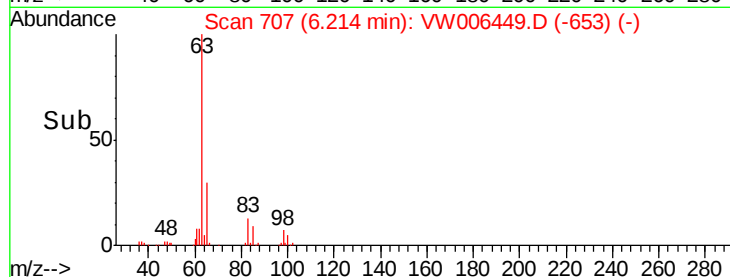
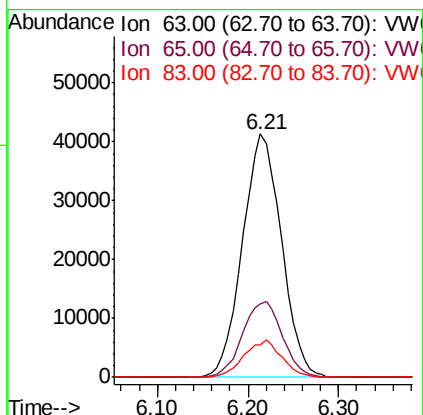
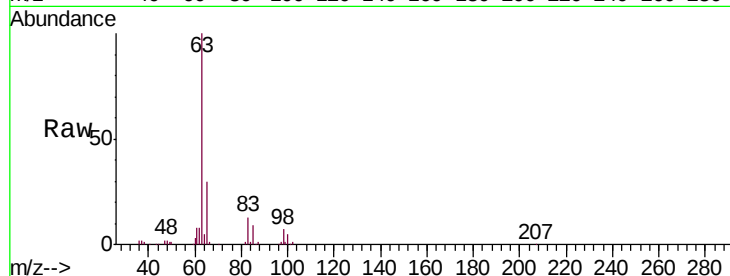




#19
 1,1-Dichloroethane
 Concen: 17.092 ug/L
 RT: 6.21 min Scan# 707
 Delta R.T. 0.00 min
 Lab File: VW006449.D
 Acq: 29 Oct 2018 12:15

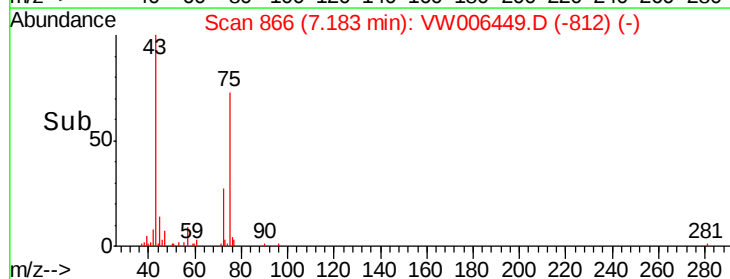
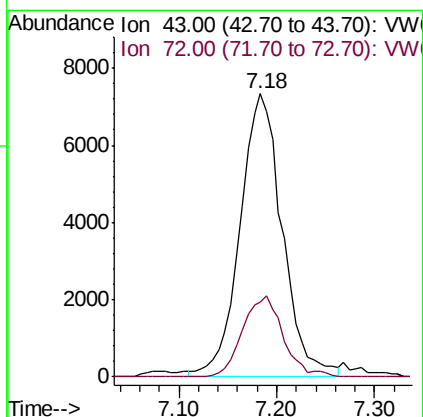
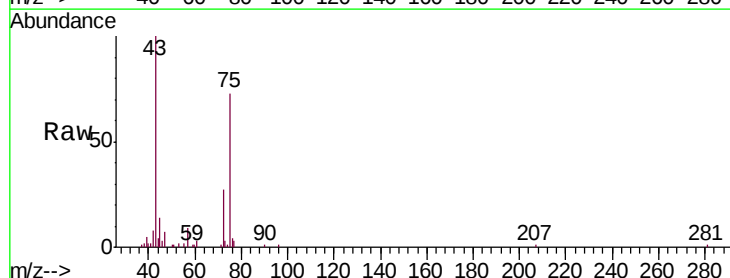
Instrument :
 MSVOA_W
 ClientSampleId :
 A40D6

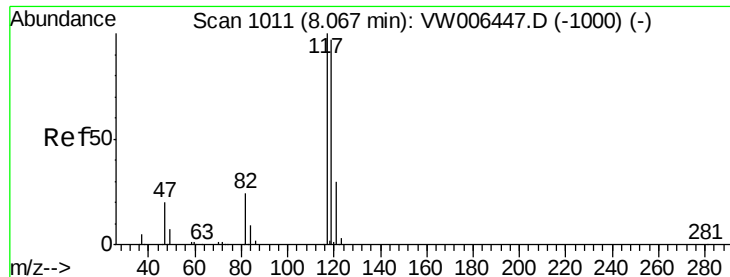
Tgt Ion	Ratio	Lower	Upper
63	100		
65	30.0	22.3	41.5
83	13.4	9.7	18.1



#21
 2-Butanone
 Concen: 12.514 ug/L
 RT: 7.18 min Scan# 866
 Delta R.T. 0.00 min
 Lab File: VW006449.D
 Acq: 29 Oct 2018 12:15

Tgt Ion	Ratio	Lower	Upper
43	100		
72	26.8	13.8	41.4





#32

Carbon tetrachloride

Concen: 0.599 ug/L

RT: 8.26 min Scan# 1042

Delta R.T. 0.19 min

Lab File: VW006449.D

Acq: 29 Oct 2018 12:15

Instrument :

MSVOA_W

ClientSampleId :

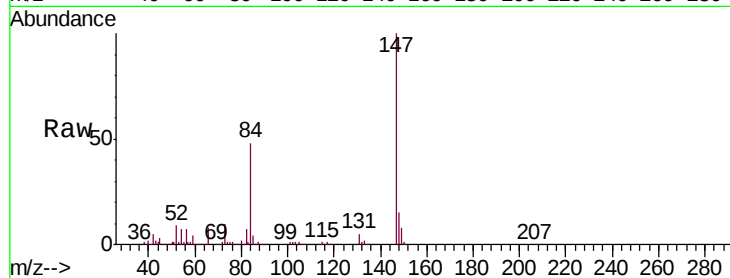
A40D6

Tgt Ion:117 Resp: 4022

Ion Ratio Lower Upper

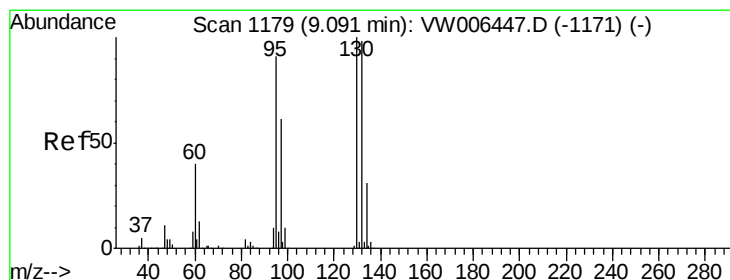
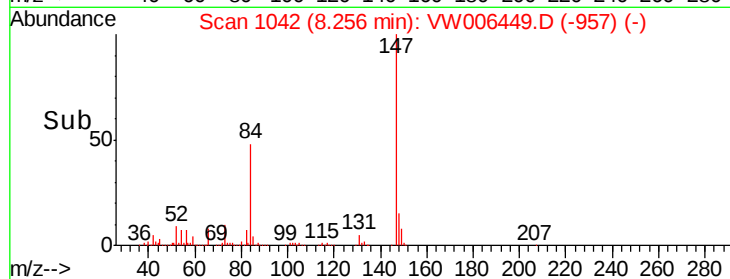
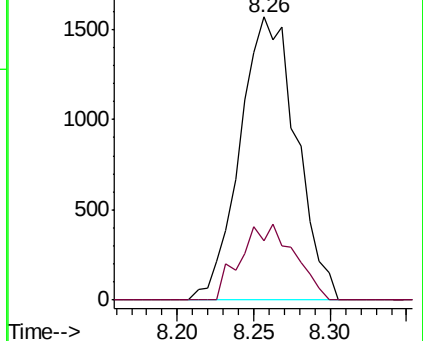
117 100

119 25.5 76.9 115.3#



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V



#35

Trichloroethene

Concen: 8.929 ug/L

RT: 9.09 min Scan# 1179

Delta R.T. 0.00 min

Lab File: VW006449.D

Acq: 29 Oct 2018 12:15

Tgt Ion: 95 Resp: 42221

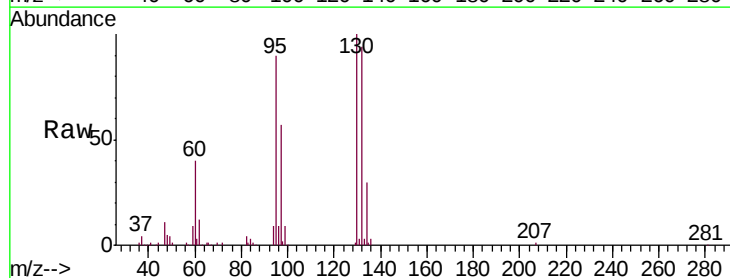
Ion Ratio Lower Upper

95 100

97 63.8 45.8 85.0

132 105.9 72.9 135.3

130 108.5 75.8 140.8

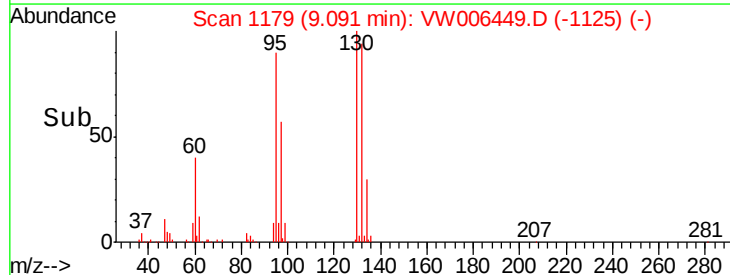
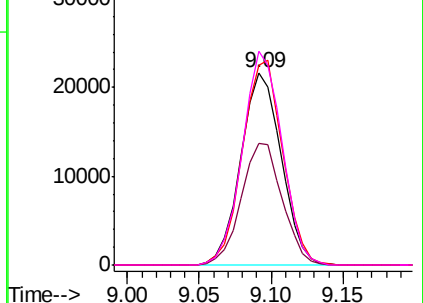


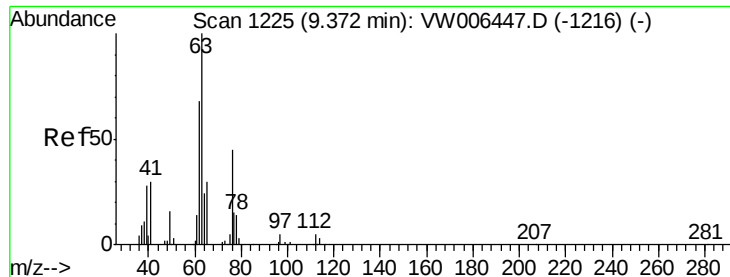
Abundance Ion 95.00 (94.70 to 95.70): VW

Ion 97.00 (96.70 to 97.70): VW

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V





#40

1,2-Dichloropropane

Concen: 3.097 ug/L

RT: 9.27 min Scan# 1209

Delta R.T. -0.10 min

Lab File: VW006449.D

Acq: 29 Oct 2018 12:15

Instrument :

MSVOA_W

ClientSampleId :

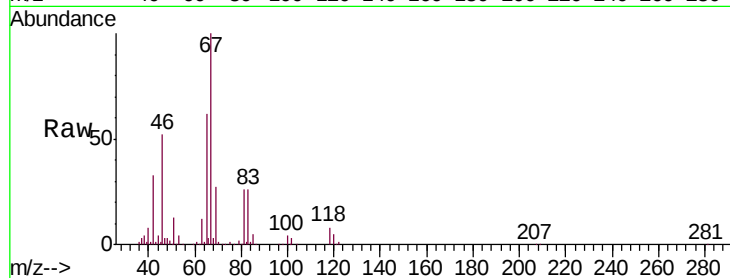
A40D6

Tgt Ion: 63 Resp: 12910

Ion Ratio Lower Upper

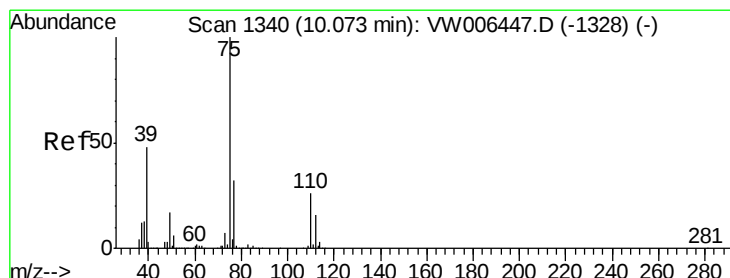
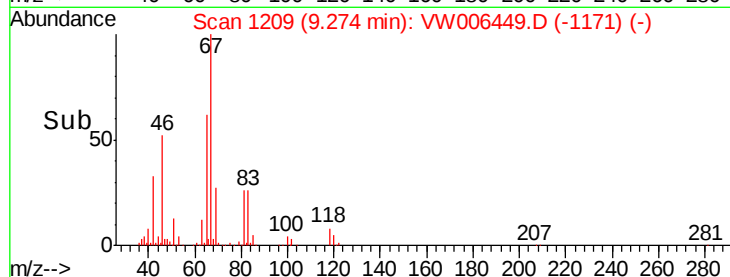
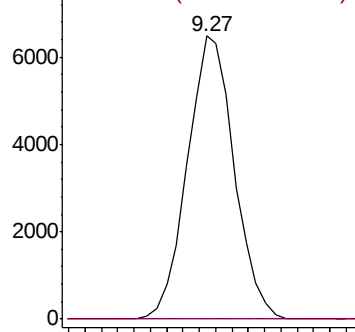
63 100

112 0.0 3.5 5.3#



Abundance Ion 63.00 (62.70 to 63.70): VW

Ion 112.00 (111.70 to 112.70): V



#42

cis-1,3-Dichloropropene

Concen: 0.558 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

Lab File: VW006449.D

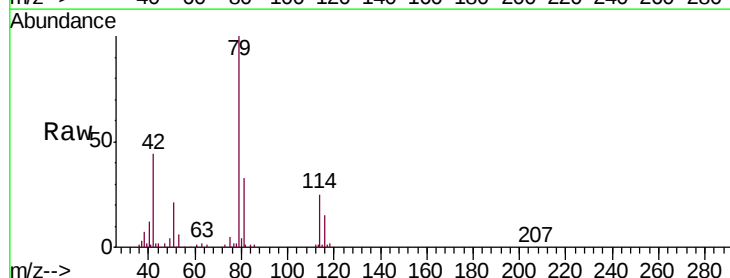
Acq: 29 Oct 2018 12:15

Tgt Ion: 75 Resp: 3799

Ion Ratio Lower Upper

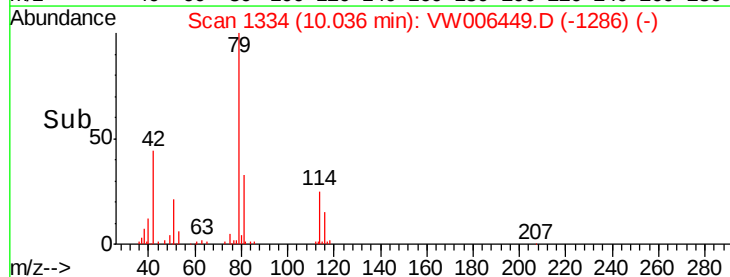
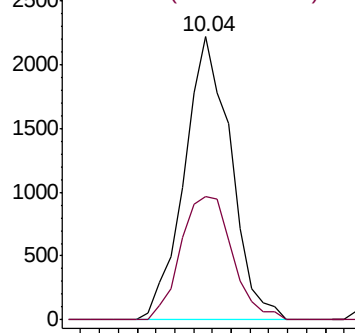
75 100

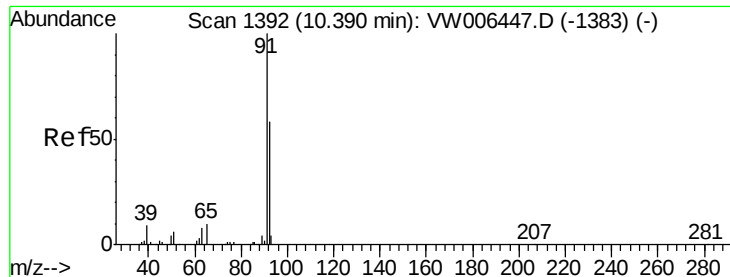
77 43.5 22.6 42.0#



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW





#44

Toluene

Concen: 8.492 ug/L

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW006449.D

Acq: 29 Oct 2018 12:15

Instrument :

MSVOA_W

ClientSampleId :

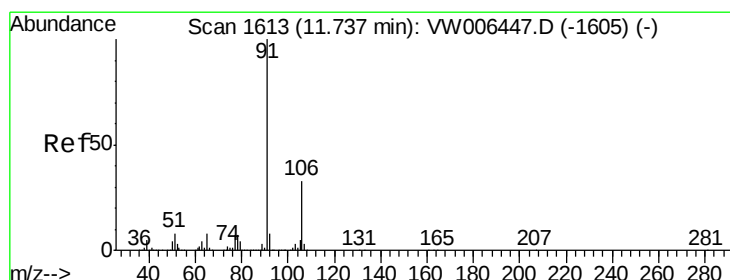
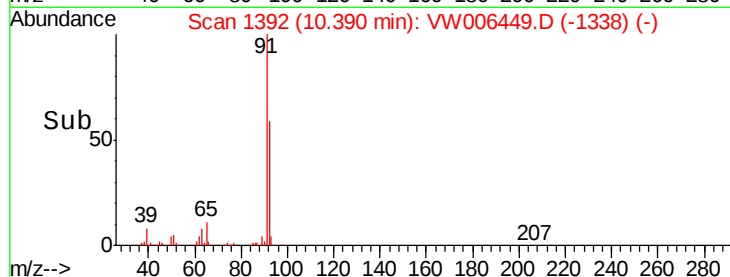
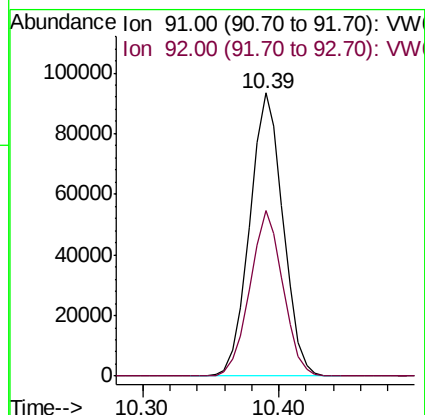
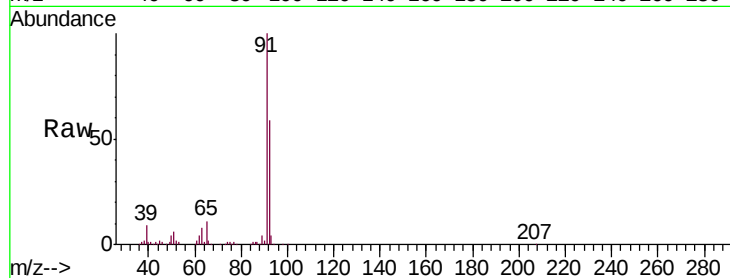
A40D6

Tgt Ion: 91 Resp: 160248

Ion Ratio Lower Upper

91 100

92 58.7 40.4 75.0



#53

Ethylbenzene

Concen: 18.739 ug/L

RT: 11.74 min Scan# 1613

Delta R.T. 0.00 min

Lab File: VW006449.D

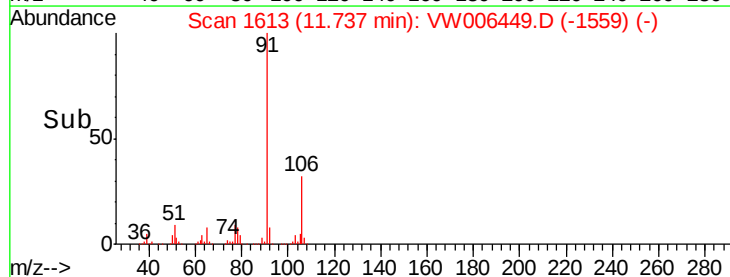
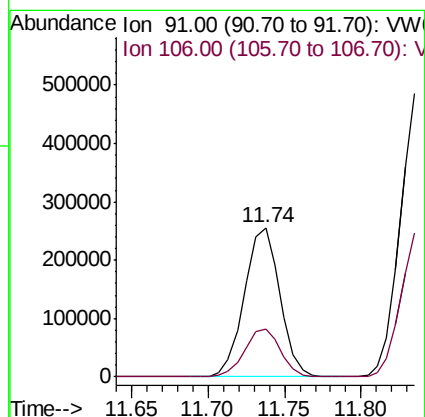
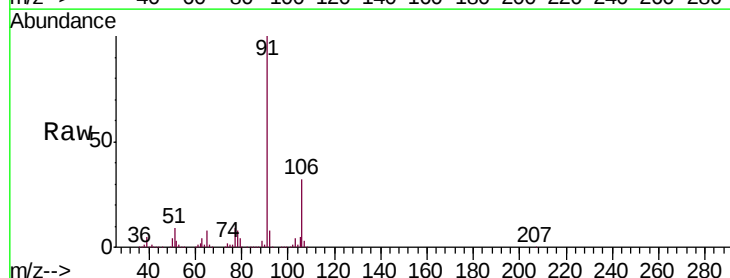
Acq: 29 Oct 2018 12:15

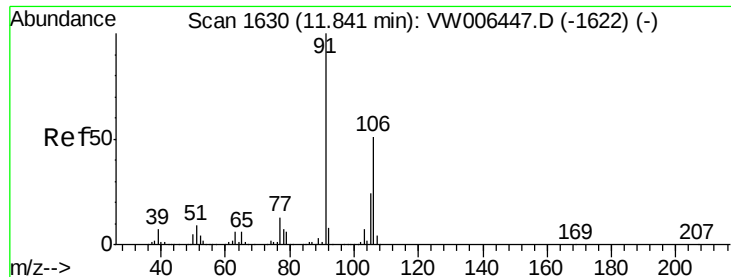
Tgt Ion: 91 Resp: 411660

Ion Ratio Lower Upper

91 100

106 32.2 22.6 42.0





#54

m,p-Xylene

Concen: 46.148 ug/L

RT: 11.83 min Scan# 1629

Delta R.T. -0.01 min

Lab File: VW006449.D

Acq: 29 Oct 2018 12:15

Instrument :

MSVOA_W

ClientSampled :

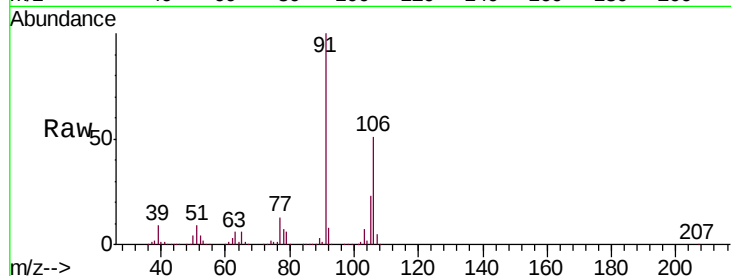
A40D6

Tgt Ion: 106 Resp: 397384

Ion Ratio Lower Upper

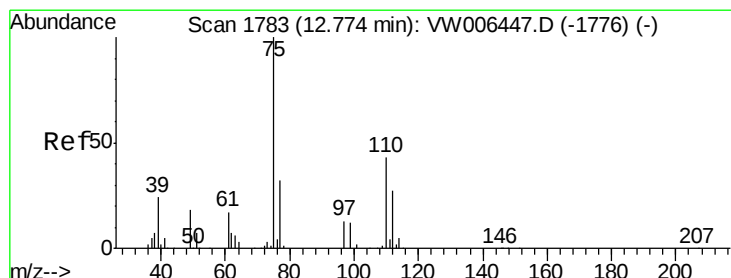
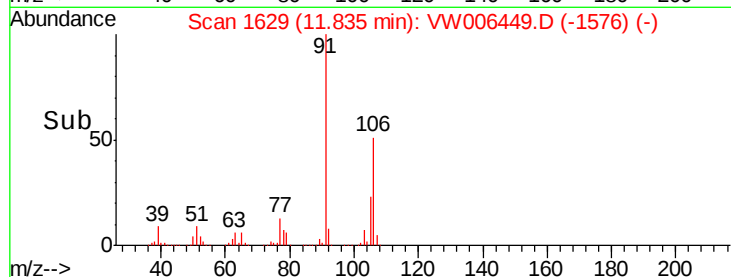
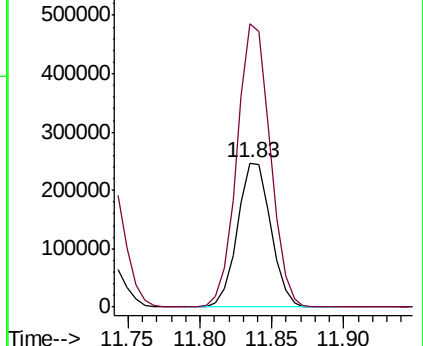
106 100

91 196.7 138.4 257.0



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VW



#59

1,2,3-Trichloropropane

Concen: 5.317 ug/L

RT: 13.57 min Scan# 1913

Delta R.T. 0.79 min

Lab File: VW006449.D

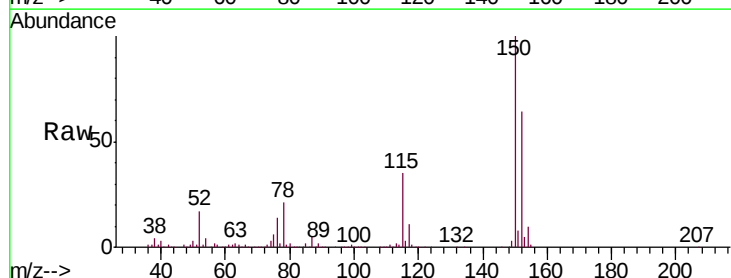
Acq: 29 Oct 2018 12:15

Tgt Ion: 75 Resp: 17896

Ion Ratio Lower Upper

75 100

77 36.2 25.9 38.9



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

