

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW102818\
 Data File : VW006405.D
 Acq On : 26 Oct 2018 14:23
 Operator : SY/AP
 Sample : J5635-24
 Misc : 4.79G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 A40G0

Quant Time: Oct 26 23:48:31 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM100918S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Oct 26 23:43:44 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	292849	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	205174	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	46752	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	63402	19.20	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	76.80%
7) Chloroethane-d5	2.90	69	64829	22.81	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.24%
10) 1,1-Dichloroethene-d2	4.01	63	95436	15.05	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	60.20%
20) 2-Butanone-d5	7.09	46	50841	46.44	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	92.88%
24) Chloroform-d	7.65	84	149288	23.53	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	94.12%
26) 1,2-Dichloroethane-d4	8.31	65	84555	24.09	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	96.36%
29) Benzene-d6	8.27	84	283966	30.48	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	121.92%
33) 1,2-Dichloropropane-d6	9.27	67	83964	29.87	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	119.48%
37) Toluene-d8	10.32	98	234385	25.16	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	100.64%
38) trans-1,3-Dichloropropene-	10.58	79	31056	22.73	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	90.92%
39) 2-Hexanone-d5	10.93	63	39637	58.35	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	116.70%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	58582	21.43	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	85.72%
61) 1,2-Dichlorobenzene-d4	13.86	152	33029	20.61	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	82.44%

Target Compounds

					Qvalue
13) Acetone	4.14	43	52776	47.720 ug/L	98
14) Carbon disulfide	4.38	76	7593	0.691 ug/L	97
21) 2-Butanone	7.18	43	6253	4.255 ug/L	98
34) Benzene	8.32	78	3286	0.312 ug/L	100
35) Trichloroethene	8.84	95	8646	2.918 ug/L #	2
40) 1,2-Dichloropropane	9.27	63	9726	3.722 ug/L #	87
42) cis-1,3-Dichloropropene	10.04	75	2305	0.540 ug/L #	71
44) Toluene	10.38	91	5115	0.433 ug/L	95
49) 2-Hexanone	10.93	43	5672	3.676 ug/L #	64
57) Isopropylbenzene	12.47	105	11432	0.797 ug/L #	72
63) 1,3-Dichlorobenzene	13.51	146	14786	5.150 ug/L	98
64) 1,4-Dichlorobenzene	13.58	146	83969	29.043 ug/L	99
65) 1,2-Dichlorobenzene	13.88	146	3279	1.241 ug/L #	82
67) 1,3,5-Trichlorobenzene	15.14	180	18129	7.834 ug/L	98
68) 1,2,4-trichlorobenzene	15.14	180	18129	9.187 ug/L	98
69) Naphthalene	15.38	128	2087	0.522 ug/L #	77
70) 1,2,3-Trichlorobenzene	15.57	180	1821	1.027 ug/L #	86

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW102818\
Data File : VW006405.D
Acq On : 26 Oct 2018 14:23
Operator : SY/AP
Sample : J5635-24
Misc : 4.79G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A40G0

Quant Time: Oct 26 23:48:31 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM100918S.M
Quant Title : VOC Analysis
QLast Update : Fri Oct 26 23:43:44 2018
Response via : Initial Calibration

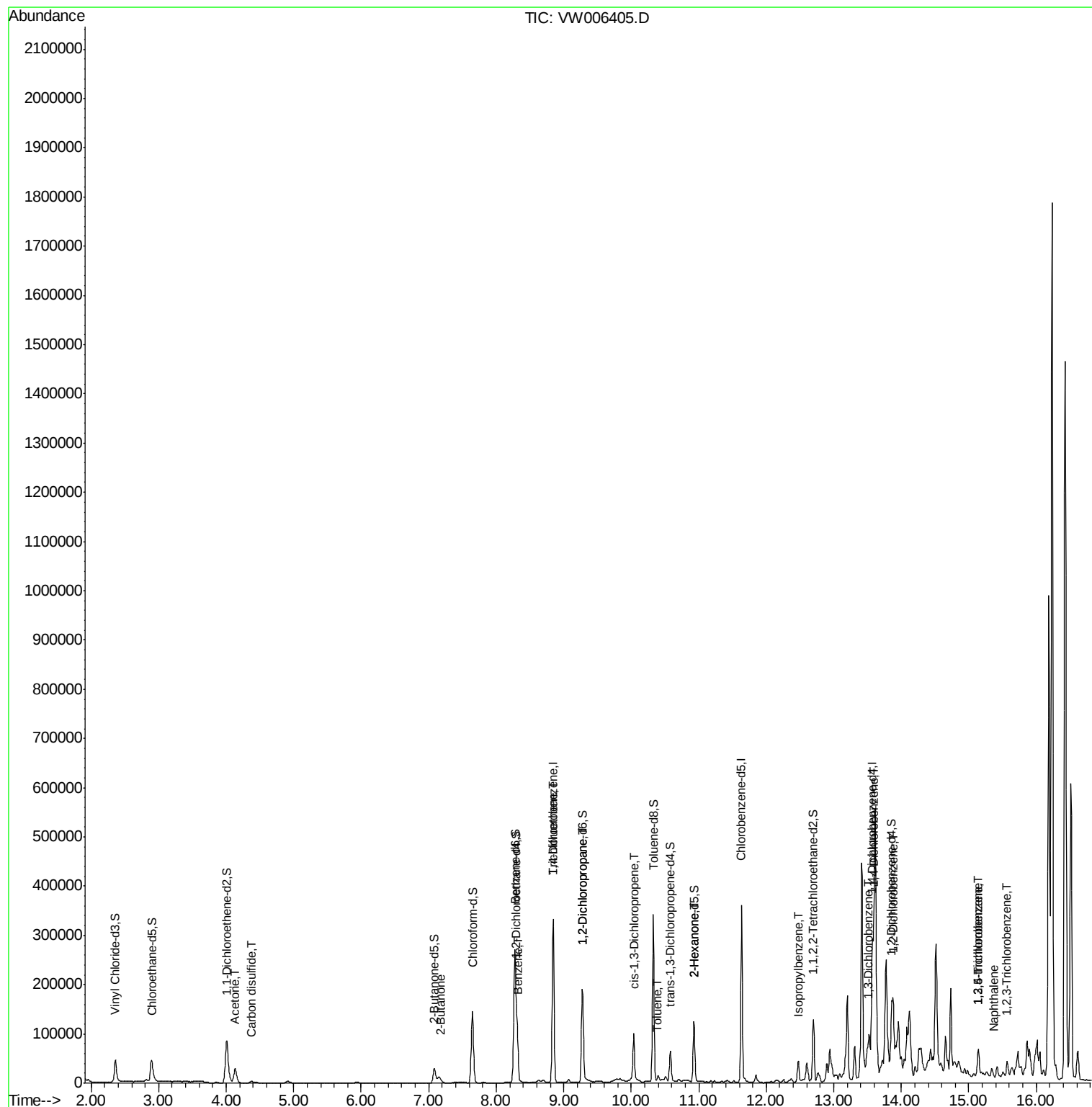
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
--------------------	------	------	----------	------	-------	----------

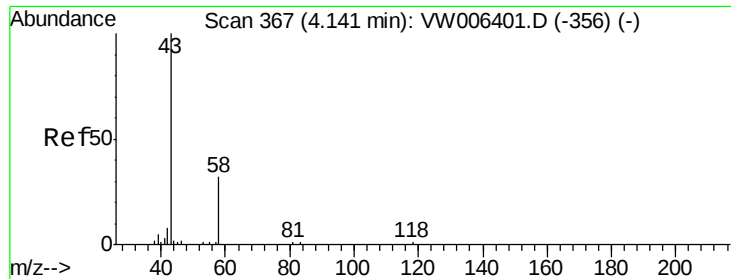
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW102818\
Data File : VW006405.D
Acq On : 26 Oct 2018 14:23
Operator : SY/AP
Sample : J5635-24
Misc : 4.79G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A40G0

Quant Time: Oct 26 23:48:31 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM100918S.M
Quant Title : VOC Analysis
QLast Update : Fri Oct 26 23:43:44 2018
Response via : Initial Calibration





#13

Acetone

Concen: 47.720 ug/L

RT: 4.14 min Scan# 366

Delta R.T. -0.01 min

Lab File: VW006405.D

Acq: 26 Oct 2018 14:23

Instrument :

MSVOA_W

ClientSampleId :

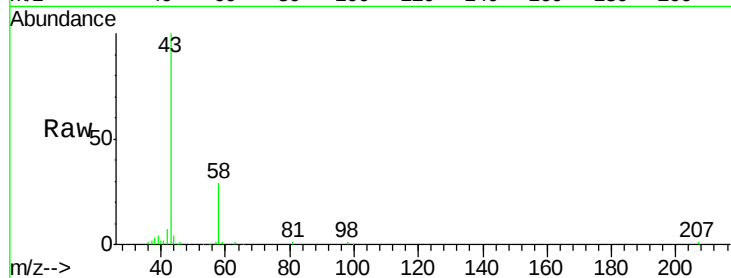
A40G0

Tgt Ion: 43 Resp: 52776

Ion Ratio Lower Upper

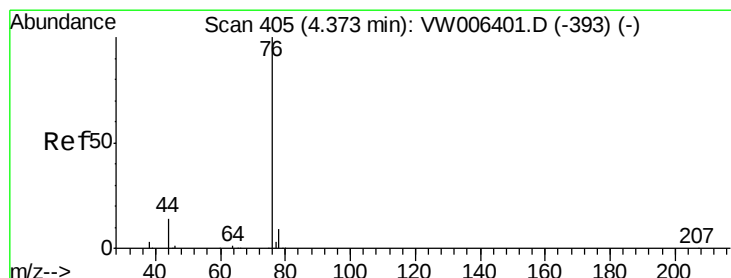
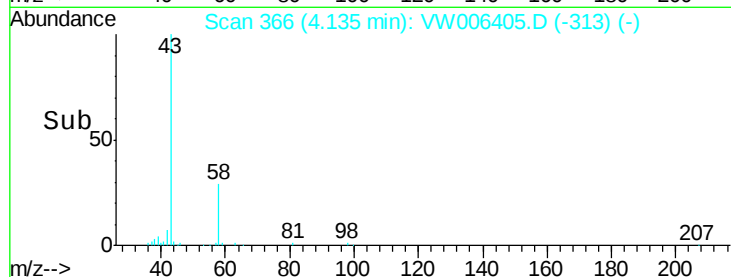
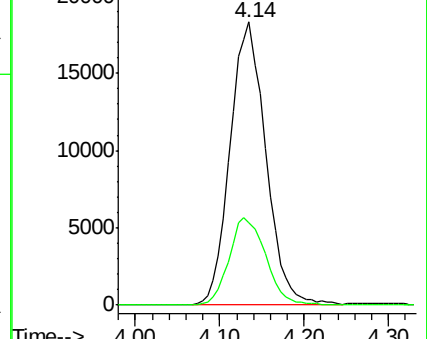
43 100

58 31.6 0.0 61.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#14

Carbon disulfide

Concen: 0.691 ug/L

RT: 4.38 min Scan# 406

Delta R.T. 0.01 min

Lab File: VW006405.D

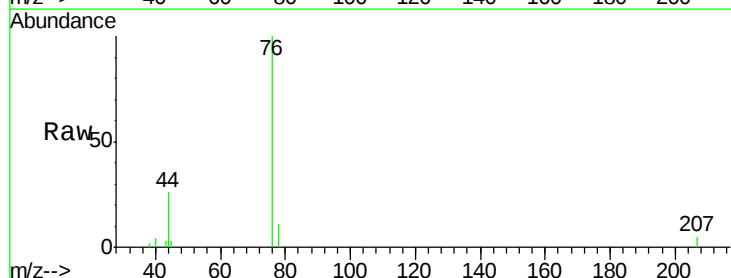
Acq: 26 Oct 2018 14:23

Tgt Ion: 76 Resp: 7593

Ion Ratio Lower Upper

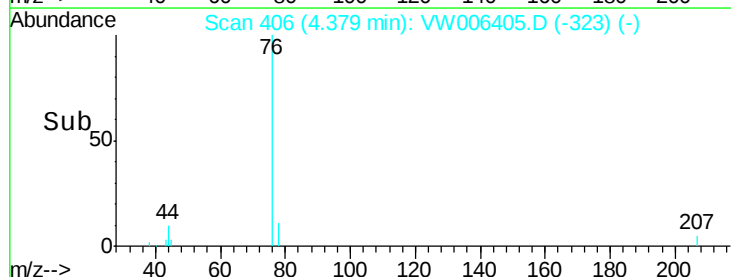
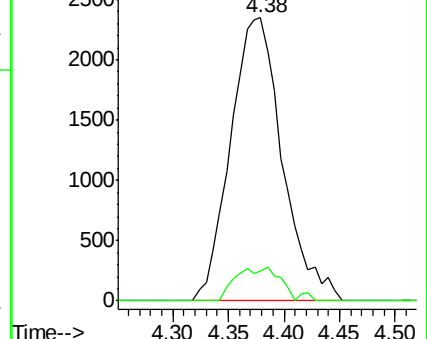
76 100

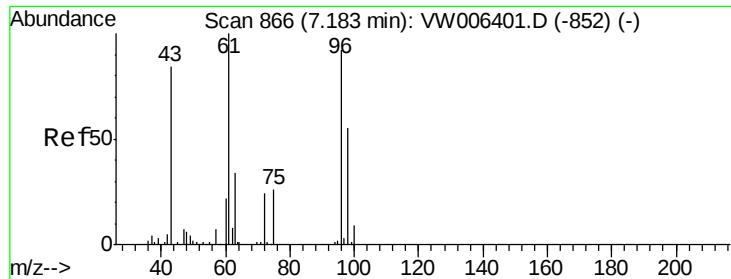
78 10.6 7.6 11.4



Abundance Ion 76.00 (75.70 to 76.70): VW

Ion 78.00 (77.70 to 78.70): VW





#21

2-Butanone

Concen: 4.255 ug/L

RT: 7.18 min Scan# 866

Delta R.T. 0.00 min

Lab File: VW006405.D

Acq: 26 Oct 2018 14:23

Instrument :

MSVOA_W

ClientSampled :

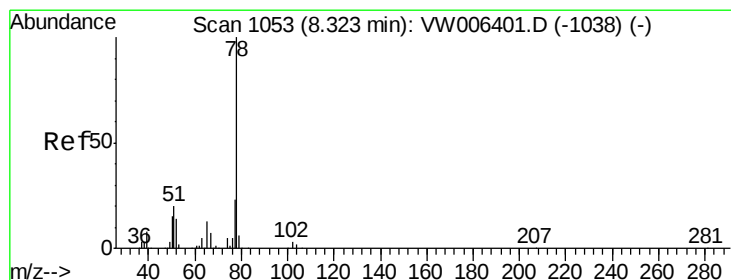
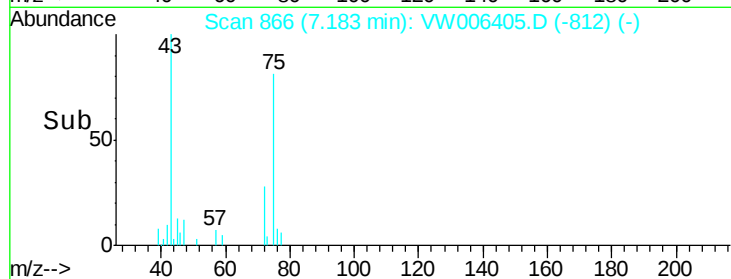
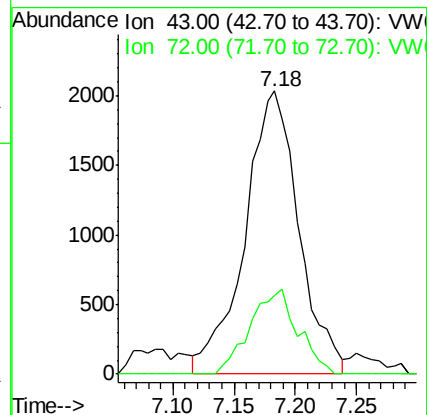
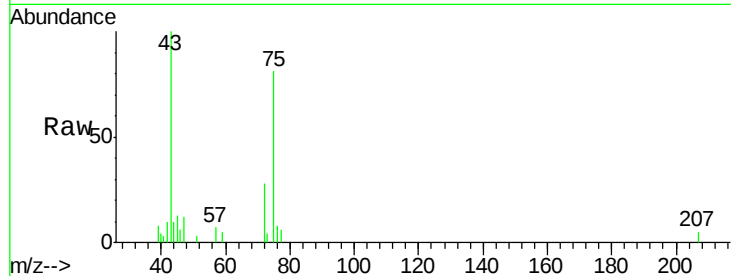
A40G0

Tgt Ion: 43 Resp: 6253

Ion Ratio Lower Upper

43 100

72 26.6 13.8 41.4



#34

Benzene

Concen: 0.312 ug/L

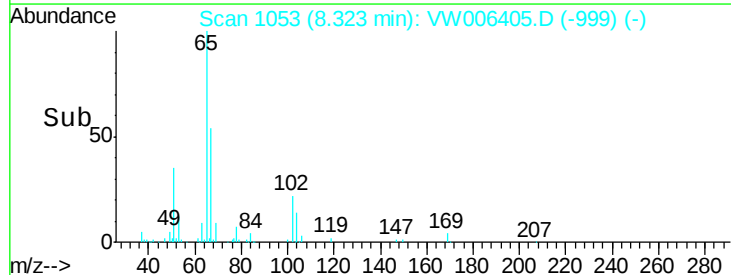
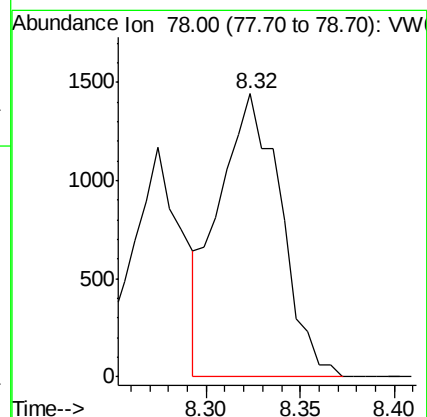
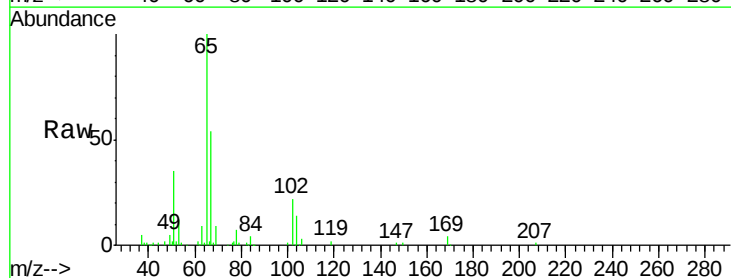
RT: 8.32 min Scan# 1053

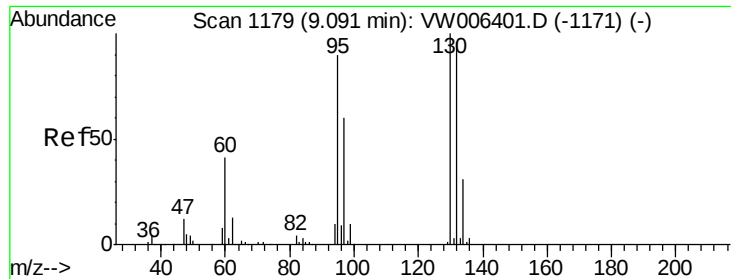
Delta R.T. 0.00 min

Lab File: VW006405.D

Acq: 26 Oct 2018 14:23

Tgt Ion: 78 Resp: 3286





#35

Trichloroethene

Concen: 2.918 ug/L

RT: 8.84 min Scan# 1138

Delta R.T. -0.25 min

Lab File: VW006405.D

Acq: 26 Oct 2018 14:23

Instrument :

MSVOA_W

ClientSampleId :

A40G0

Tgt Ion: 95 Resp: 8646

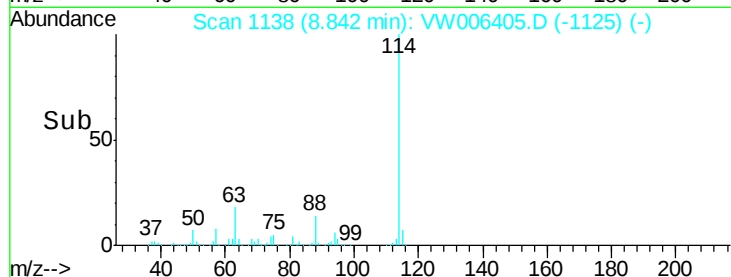
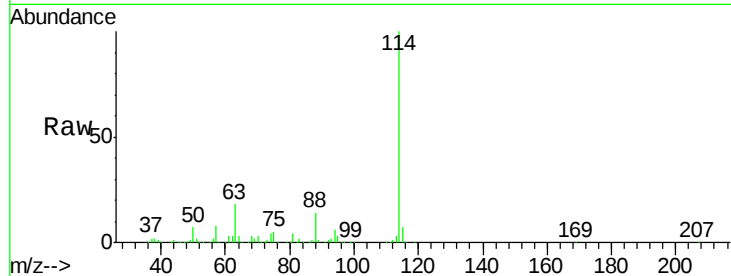
Ion Ratio Lower Upper

95 100

97 0.6 45.8 85.0#

132 0.0 72.9 135.3#

130 0.0 75.8 140.8#

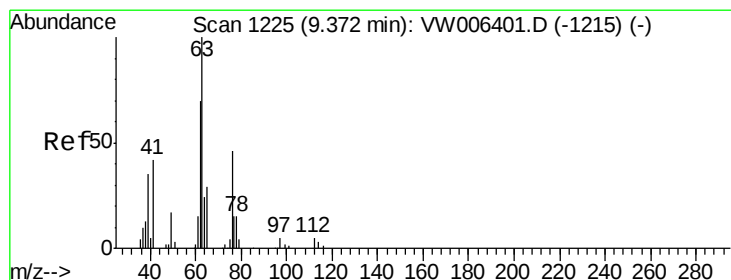
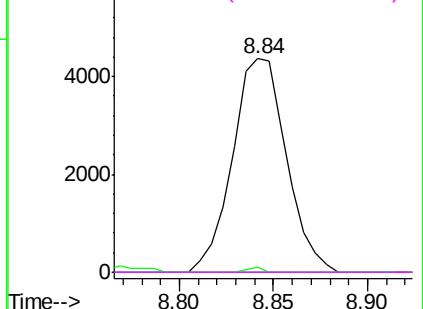


Abundance Ion 95.00 (94.70 to 95.70): VW

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: 3.722 ug/L

RT: 9.27 min Scan# 1209

Delta R.T. -0.10 min

Lab File: VW006405.D

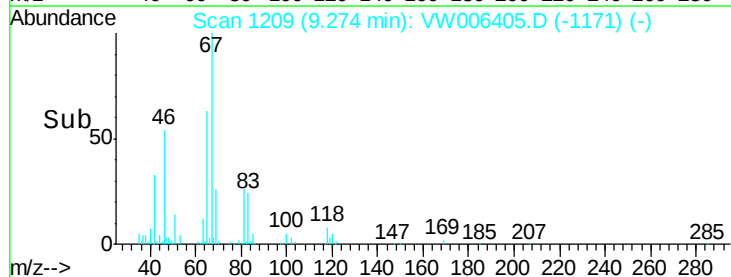
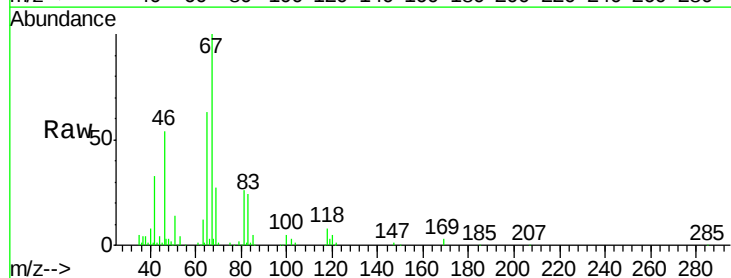
Acq: 26 Oct 2018 14:23

Tgt Ion: 63 Resp: 9726

Ion Ratio Lower Upper

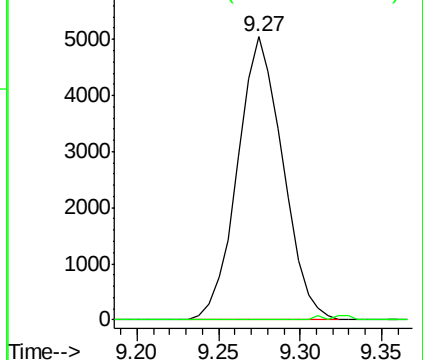
63 100

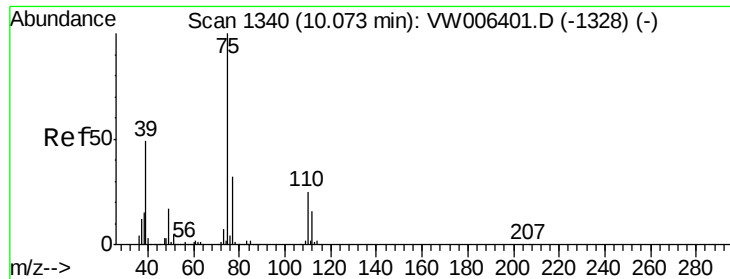
112 0.3 3.5 5.3#



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: 0.540 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

Lab File: VW006405.D

Acq: 26 Oct 2018 14:23

Instrument :

MSVOA_W

ClientSampled :

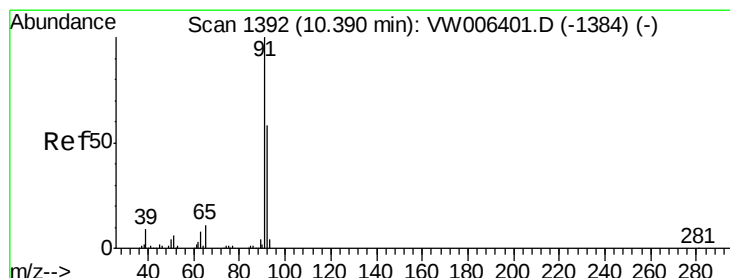
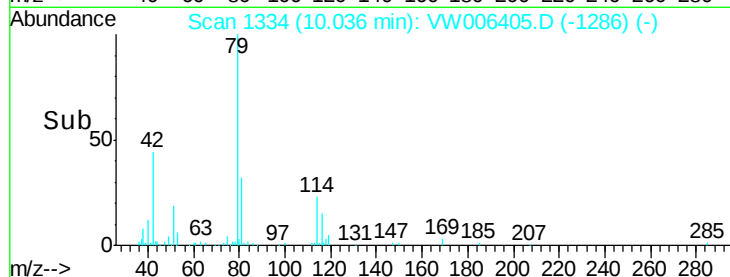
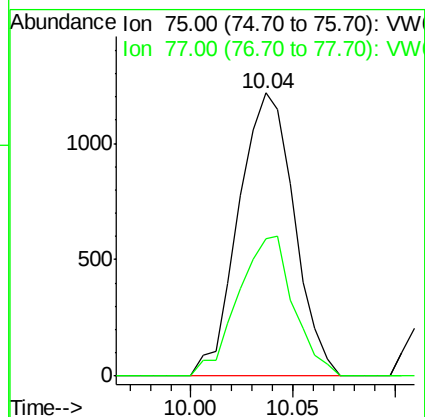
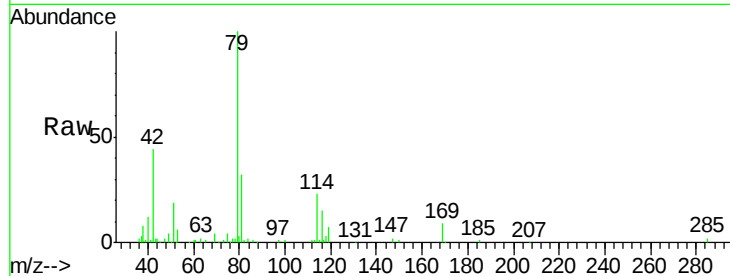
A40G0

Tgt Ion: 75 Resp: 2305

Ion Ratio Lower Upper

75 100

77 48.7 22.6 42.0#



#44

Toluene

Concen: 0.433 ug/L

RT: 10.38 min Scan# 1391

Delta R.T. -0.01 min

Lab File: VW006405.D

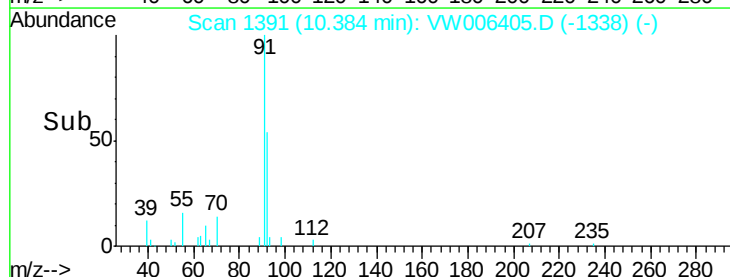
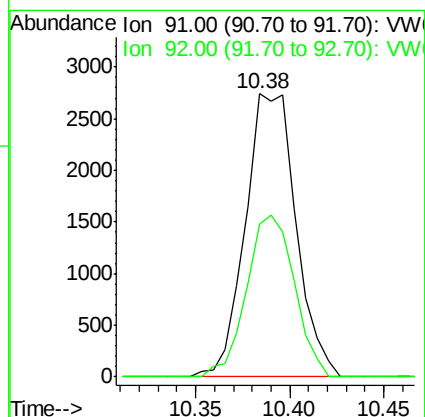
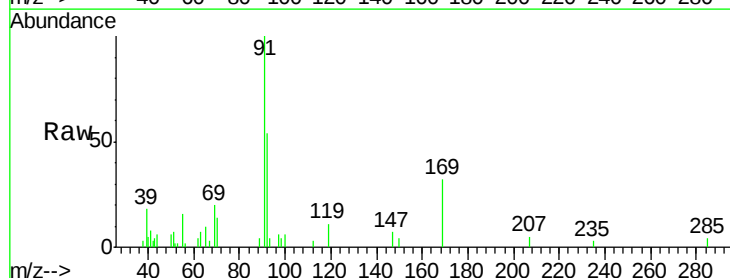
Acq: 26 Oct 2018 14:23

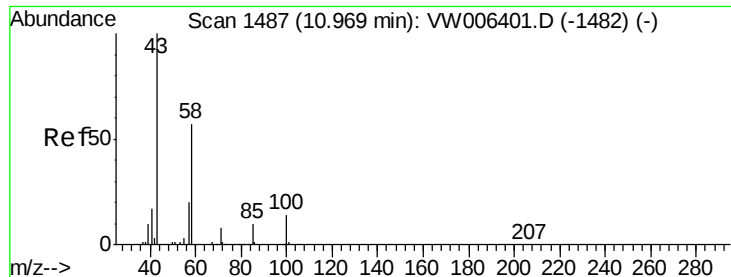
Tgt Ion: 91 Resp: 5115

Ion Ratio Lower Upper

91 100

92 54.2 40.4 75.0

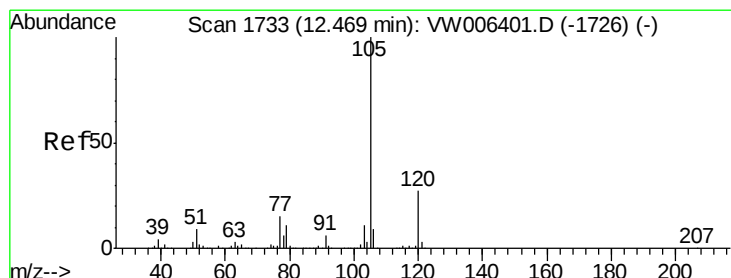
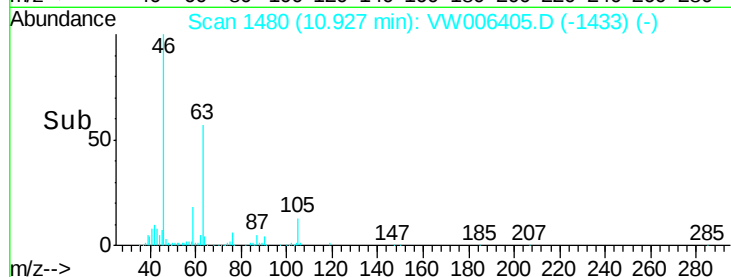
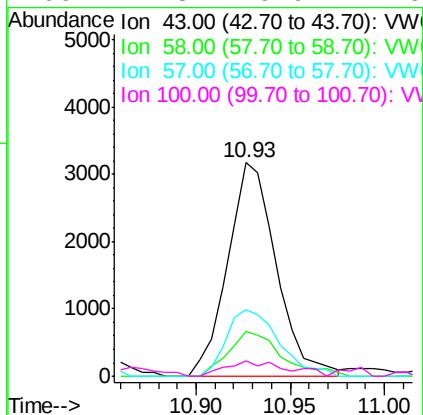
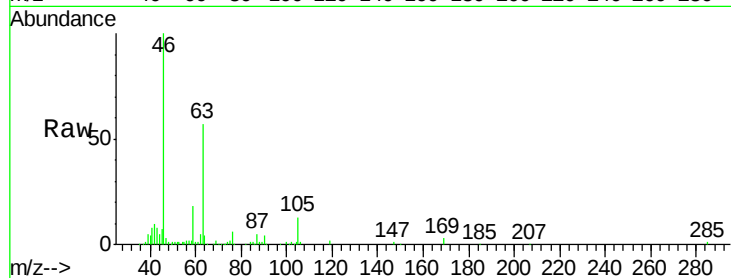




#49
2-Hexanone
Concen: 3.676 ug/L
RT: 10.93 min Scan# 1480
Delta R.T. -0.04 min
Lab File: VW006405.D
Acq: 26 Oct 2018 14:23

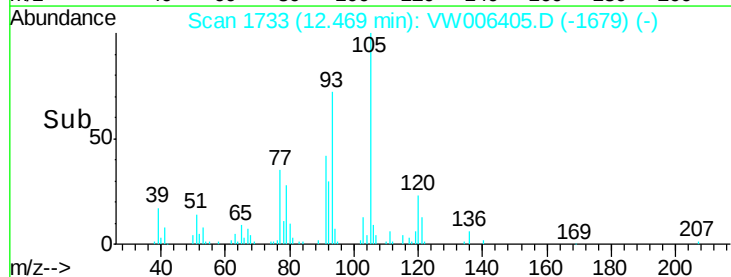
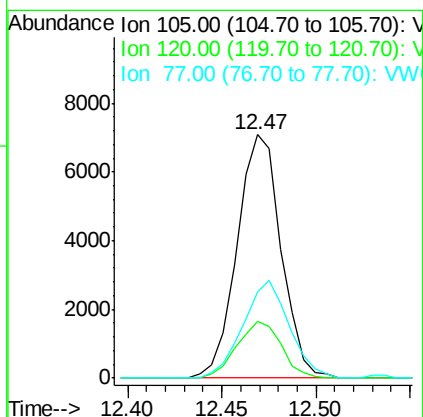
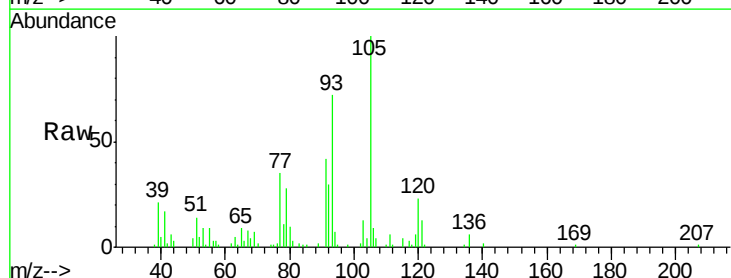
Instrument :
MSVOA_W
ClientSampleId :
A40G0

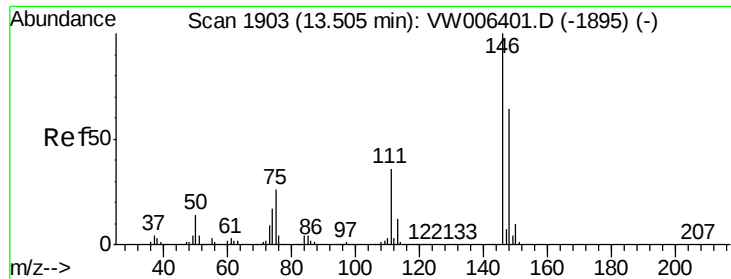
Tgt Ion: 43 Resp: 5672
Ion Ratio Lower Upper
43 100
58 22.9 42.1 63.1#
57 33.6 15.1 22.7#
100 7.3 9.9 14.9#



#57
Isopropylbenzene
Concen: 0.797 ug/L
RT: 12.47 min Scan# 1733
Delta R.T. 0.00 min
Lab File: VW006405.D
Acq: 26 Oct 2018 14:23

Tgt Ion: 105 Resp: 11432
Ion Ratio Lower Upper
105 100
120 23.6 21.8 32.6
77 42.2 12.2 18.2#

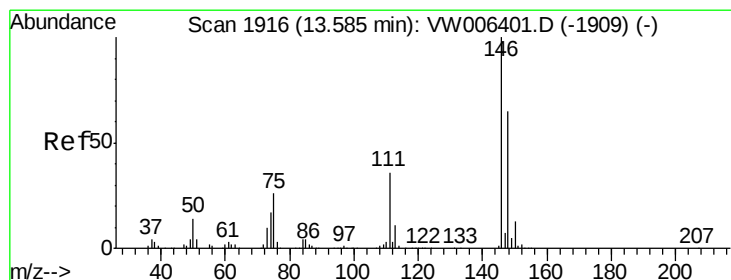
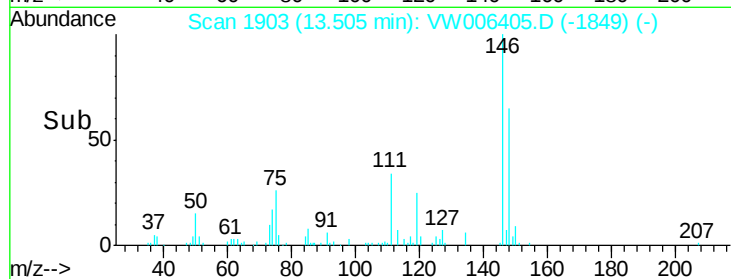
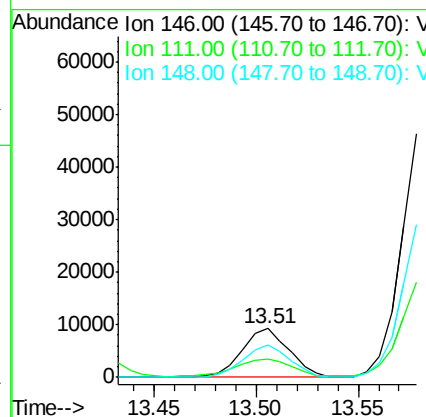
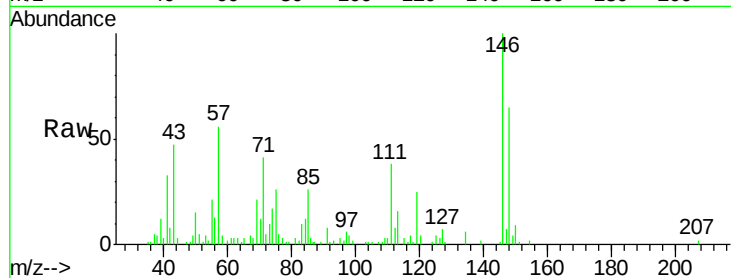




#63
 1,3-Dichlorobenzene
 Concen: 5.150 ug/L
 RT: 13.51 min Scan# 1903
 Delta R.T. 0.00 min
 Lab File: VW006405.D
 Acq: 26 Oct 2018 14:23

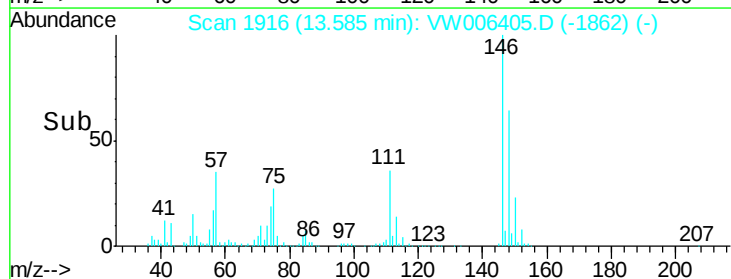
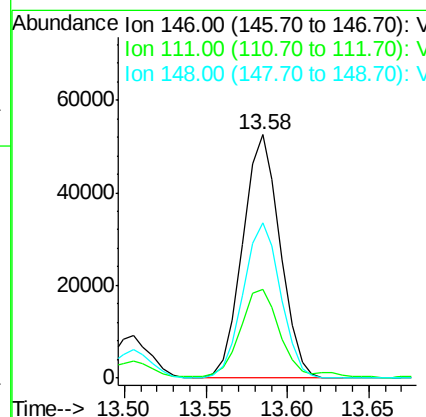
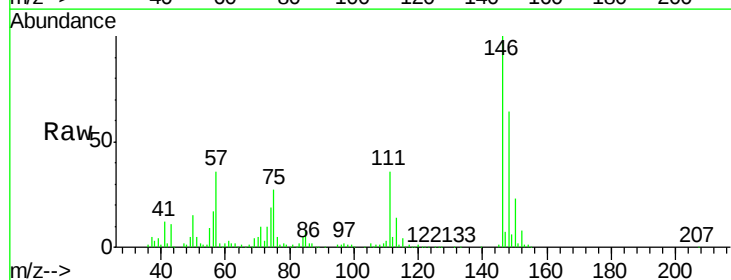
Instrument :
 MSVOA_W
 ClientSampled :
 A40G0

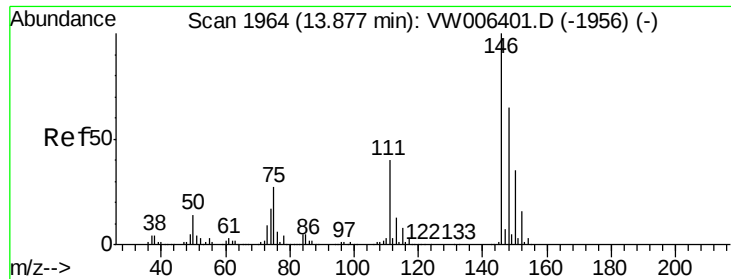
Tgt Ion:146 Resp: 14786
 Ion Ratio Lower Upper
 146 100
 111 38.2 26.3 48.9
 148 65.4 44.7 82.9



#64
 1,4-Dichlorobenzene
 Concen: 29.043 ug/L
 RT: 13.58 min Scan# 1916
 Delta R.T. 0.00 min
 Lab File: VW006405.D
 Acq: 26 Oct 2018 14:23

Tgt Ion:146 Resp: 83969
 Ion Ratio Lower Upper
 146 100
 111 36.4 24.7 45.9
 148 63.8 44.9 83.5





#65

1,2-Dichlorobenzene

Concen: 1.241 ug/L

RT: 13.88 min Scan# 1964

Delta R.T. 0.00 min

Lab File: VW006405.D

Acq: 26 Oct 2018 14:23

Instrument :

MSVOA_W

ClientSampleId :

A40G0

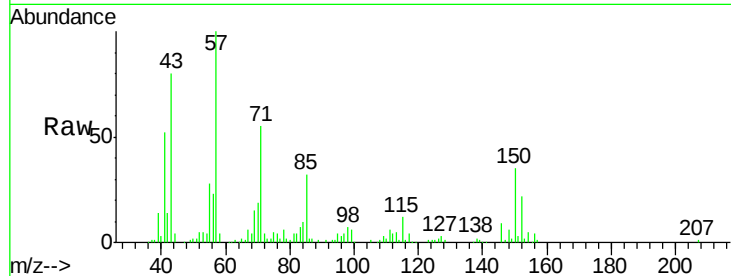
Tgt Ion:146 Resp: 3279

Ion Ratio Lower Upper

146 100

111 65.6 31.1 46.7#

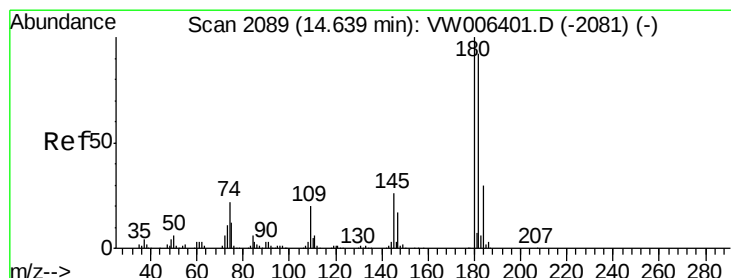
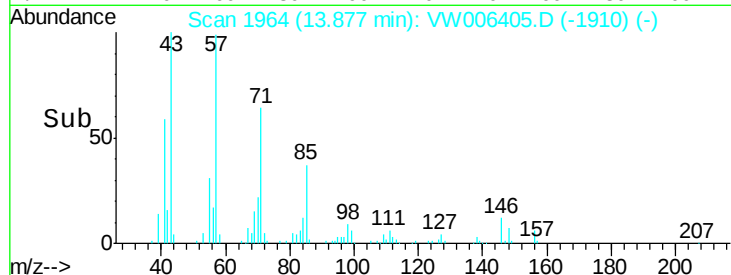
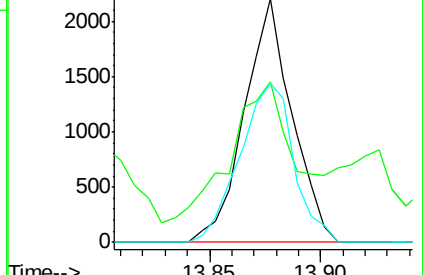
148 65.6 51.2 76.8



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#67

1,3,5-Trichlorobenzene

Concen: 7.834 ug/L

RT: 15.14 min Scan# 2171

Delta R.T. 0.50 min

Lab File: VW006405.D

Acq: 26 Oct 2018 14:23

Tgt Ion:180 Resp: 18129

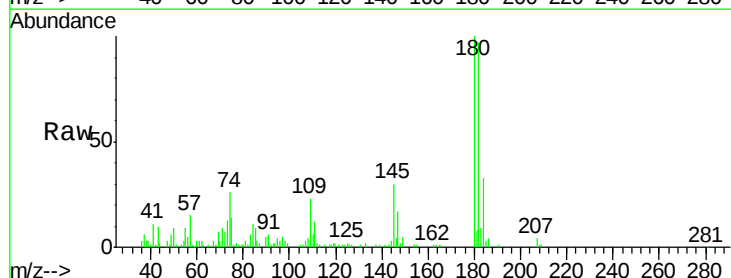
Ion Ratio Lower Upper

180 100

182 96.3 76.0 114.0

184 31.2 24.3 36.5

145 31.7 22.6 33.8

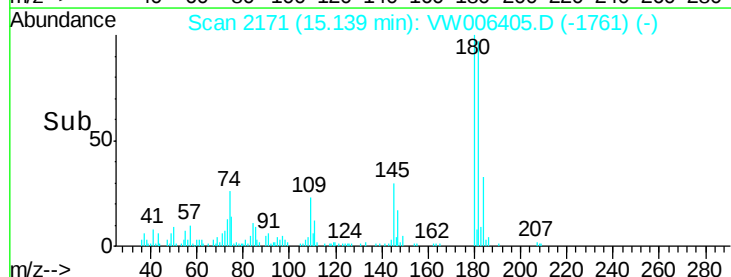
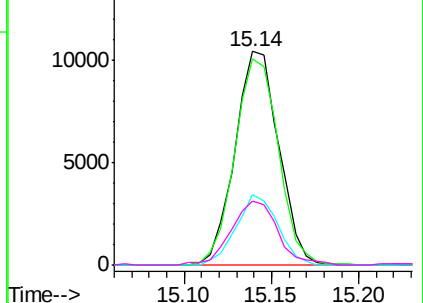


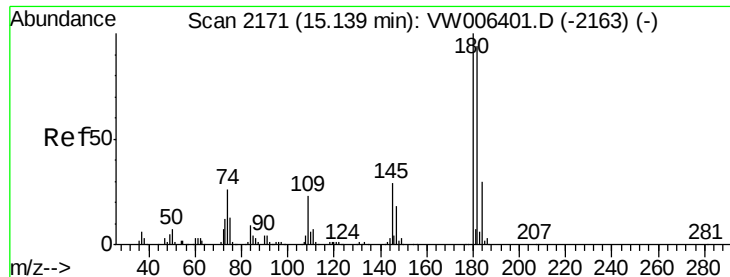
Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 184.00 (183.70 to 184.70): V

Ion 145.00 (144.70 to 145.70): V

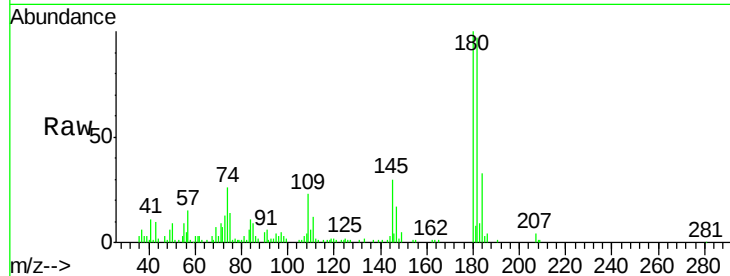




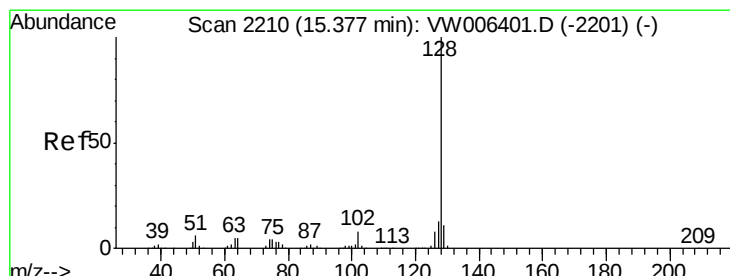
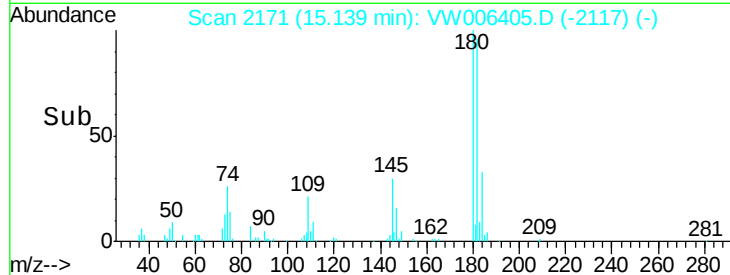
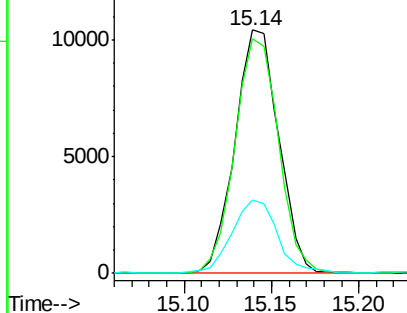
#68
 1,2,4-trichlorobenzene
 Concen: 9.187 ug/L
 RT: 15.14 min Scan# 2171
 Delta R.T. 0.00 min
 Lab File: VW006405.D
 Acq: 26 Oct 2018 14:23

Instrument :
 MSVOA_W
 ClientSampleId :
 A40G0

Tgt Ion:180 Resp: 18129
 Ion Ratio Lower Upper
 180 100
 182 96.3 76.2 114.2
 145 31.7 23.0 34.6

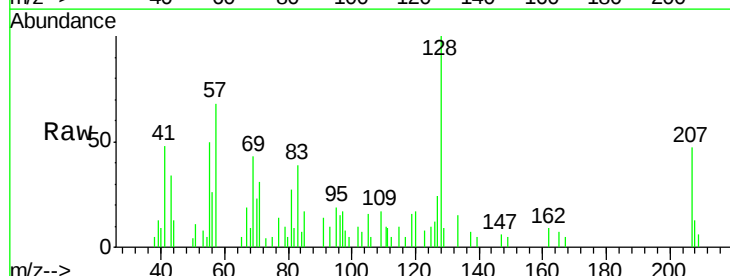


Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 145.00 (144.70 to 145.70): V

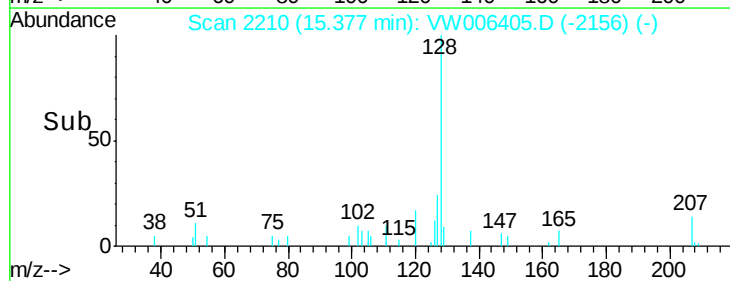
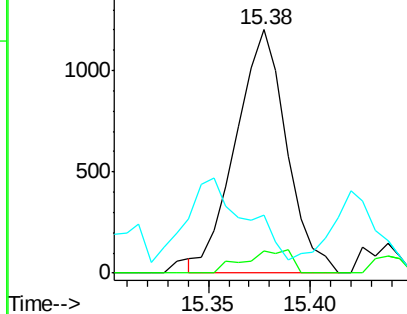


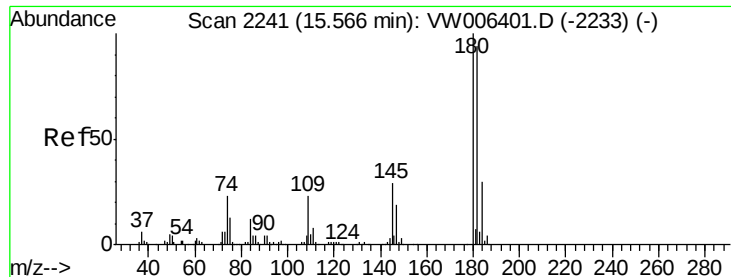
#69
 Naphthalene
 Concen: 0.522 ug/L
 RT: 15.38 min Scan# 2210
 Delta R.T. 0.00 min
 Lab File: VW006405.D
 Acq: 26 Oct 2018 14:23

Tgt Ion:128 Resp: 2087
 Ion Ratio Lower Upper
 128 100
 129 6.8 8.9 13.3#
 127 0.0 10.5 15.7#



Abundance Ion 128.00 (127.70 to 128.70): V
 Ion 129.00 (128.70 to 129.70): V
 Ion 127.00 (126.70 to 127.70): V

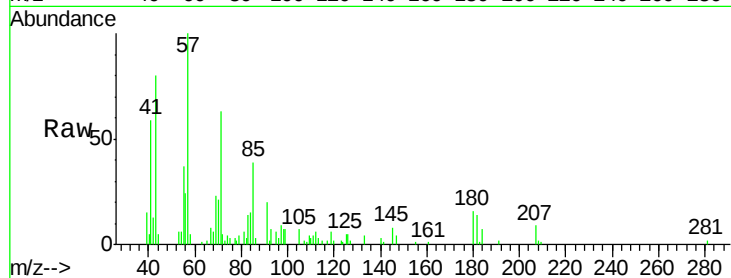




#70
 1,2,3-Trichlorobenzene
 Concen: 1.027 ug/L
 RT: 15.57 min Scan# 2242
 Delta R.T. 0.01 min
 Lab File: VW006405.D
 Acq: 26 Oct 2018 14:23

Instrument :
 MSVOA_W
 ClientSampleId :
 A40G0

Tgt Ion	Ratio	Lower	Upper
180	100		
182	86.9	75.5	113.3
145	49.9	24.5	36.7



Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 145.00 (144.70 to 145.70): V

