

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW102818\
 Data File : VW006410.D
 Acq On : 26 Oct 2018 17:13
 Operator : SY/AP
 Sample : J5657-20
 Misc : 5..57G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 A40G5

Quant Time: Oct 26 23:49:25 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	8.85	114	374049	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	331407	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	154617	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	73640	17.46	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	69.84%
7) Chloroethane-d5	2.90	69	74255	20.45	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	81.80%
10) 1,1-Dichloroethene-d2	4.01	63	116249	14.35	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	57.40%
20) 2-Butanone-d5	7.09	46	50959	36.44	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	72.88%
24) Chloroform-d	7.65	84	186501	23.02	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	92.08%
26) 1,2-Dichloroethane-d4	8.31	65	104602	23.33	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	93.32%
29) Benzene-d6	8.27	84	363105	24.13	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	96.52%
33) 1,2-Dichloropropane-d6	9.28	67	110016	24.23	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	96.92%
37) Toluene-d8	10.33	98	345967	22.99	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	91.96%
38) trans-1,3-Dichloropropene-	10.58	79	40880	18.52	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	74.08%
39) 2-Hexanone-d5	10.93	63	40901	37.28	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	74.56%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	104178	23.59	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	94.36%
61) 1,2-Dichlorobenzene-d4	13.86	152	125304	23.64	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	94.56%

Target Compounds

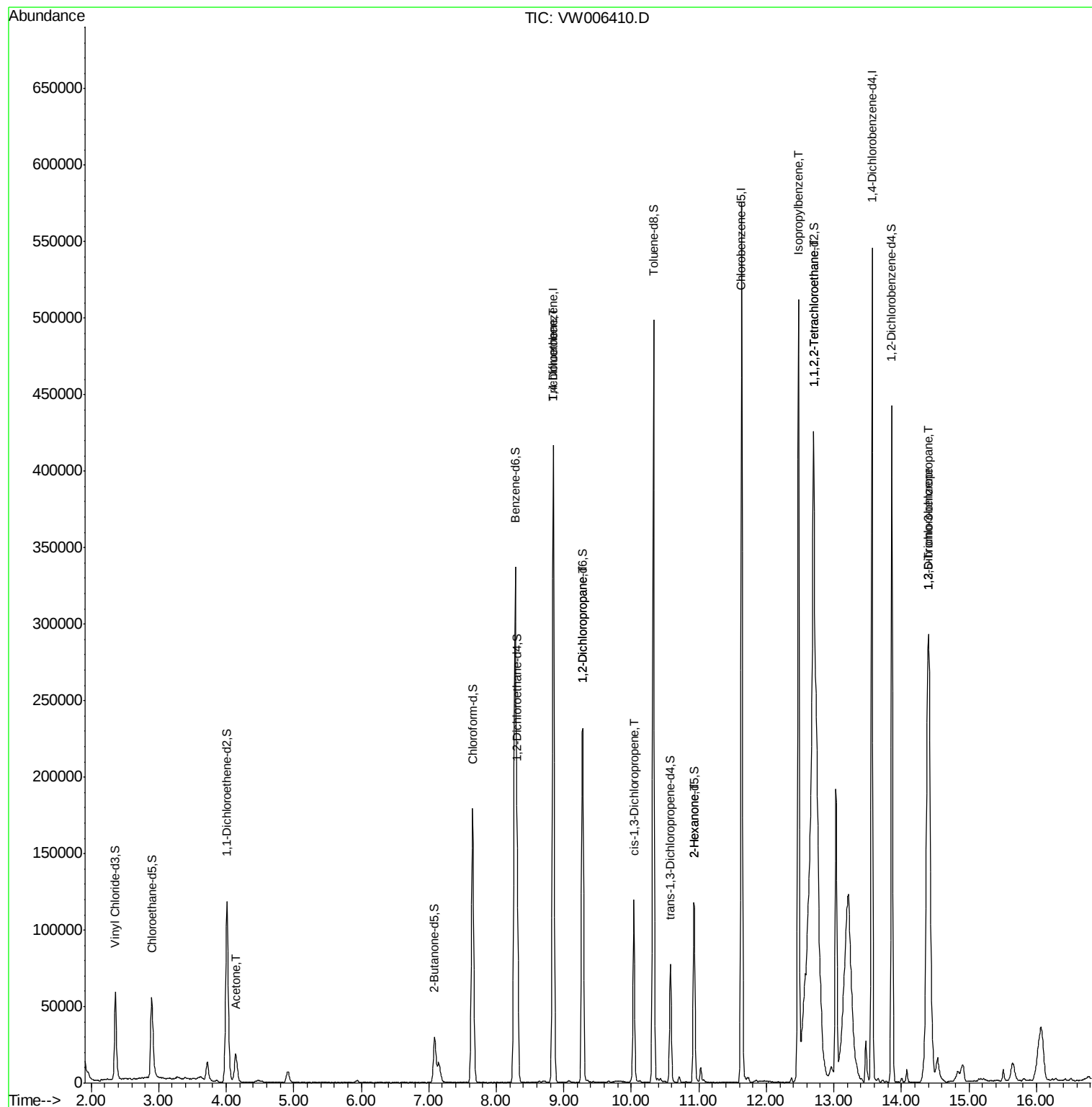
					Qvalue
13) Acetone	4.14	43	34405	24.356	ug/L 100
35) Trichloroethene	8.85	95	10838	2.264	ug/L # 2
40) 1,2-Dichloropropane	9.28	63	12338	2.923	ug/L # 87
42) cis-1,3-Dichloropropene	10.04	75	3018	0.438	ug/L # 65
49) 2-Hexanone	10.93	43	5915	2.373	ug/L # 69
57) Isopropylbenzene	12.48	105	21560	0.931	ug/L # 1
58) 1,1,2,2-Tetrachloroethane	12.70	83	4362	0.955	ug/L # 57
66) 1,2-Dibromo-3-chloropropan	14.40	75	6254	8.895	ug/L # 25
67) 1,3,5-Trichlorobenzene	14.40	180	14312	1.870	ug/L # 1

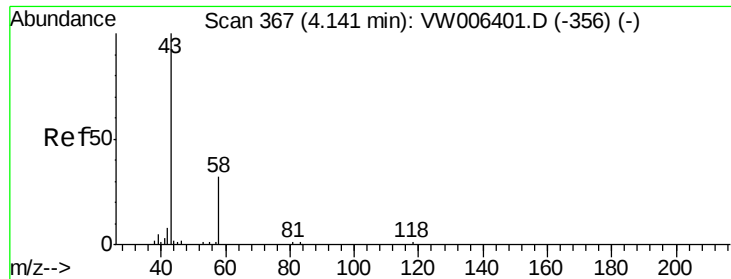
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Oct 26 23:43:44 2018
Response via : Initial Calibration





#13

Acetone

Concen: 24.356 ug/L

RT: 4.14 min Scan# 366

Delta R.T. -0.01 min

Lab File: VW006410.D

Acq: 26 Oct 2018 17:13

Instrument :

MSVOA_W

ClientSampled :

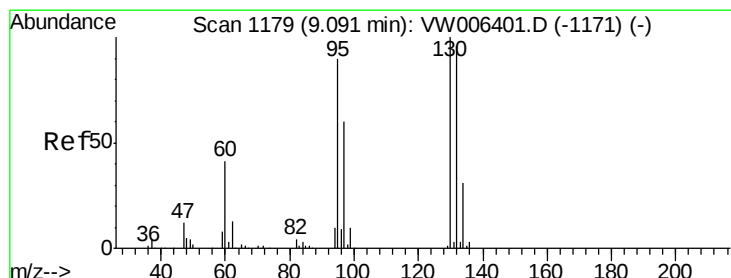
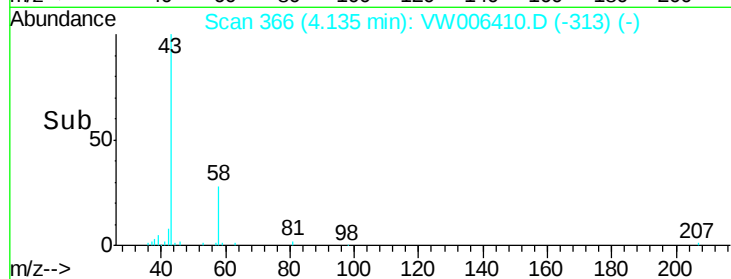
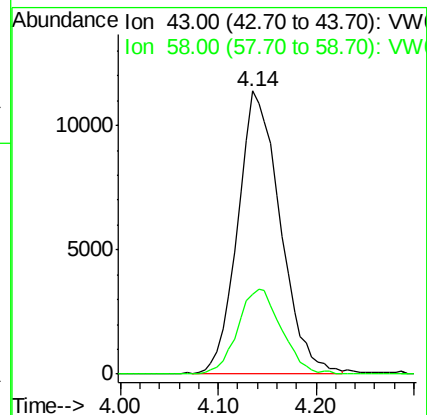
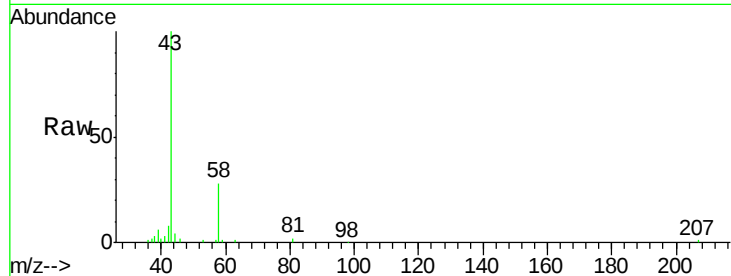
A40G5

Tgt Ion: 43 Resp: 34405

Ion Ratio Lower Upper

43 100

58 30.6 0.0 61.2



#35

Trichloroethene

Concen: 2.264 ug/L

RT: 8.85 min Scan# 1139

Delta R.T. -0.24 min

Lab File: VW006410.D

Acq: 26 Oct 2018 17:13

Tgt Ion: 95 Resp: 10838

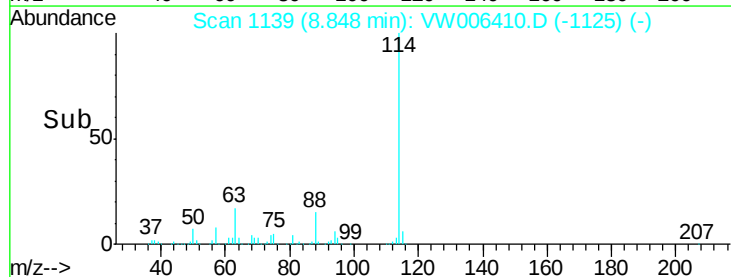
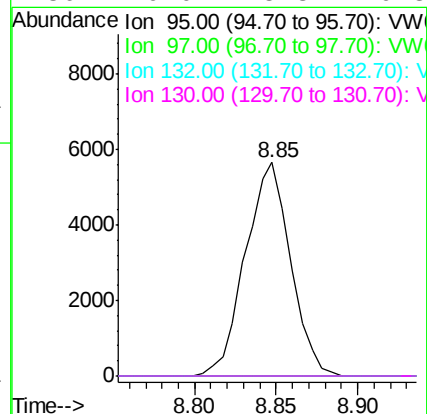
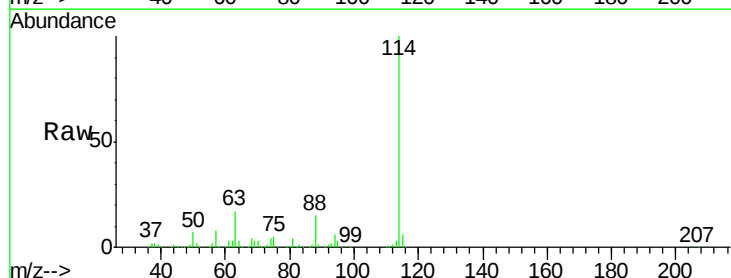
Ion Ratio Lower Upper

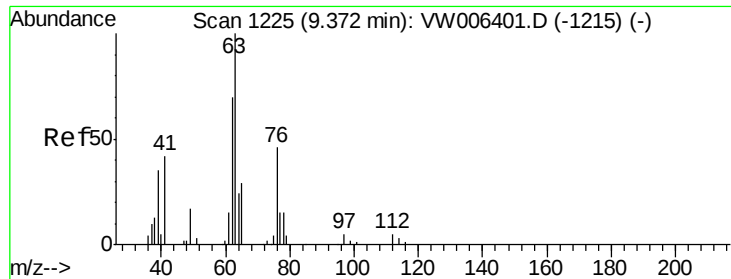
95 100

97 0.0 45.8 85.0#

132 0.0 72.9 135.3#

130 0.0 75.8 140.8#

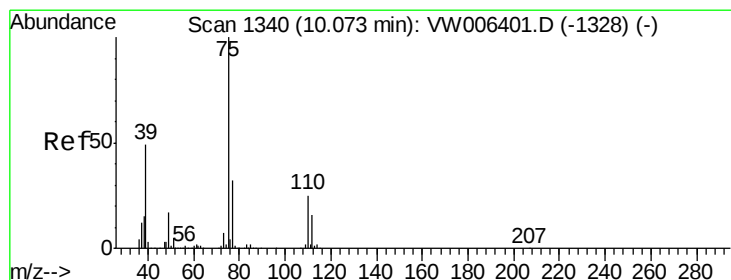
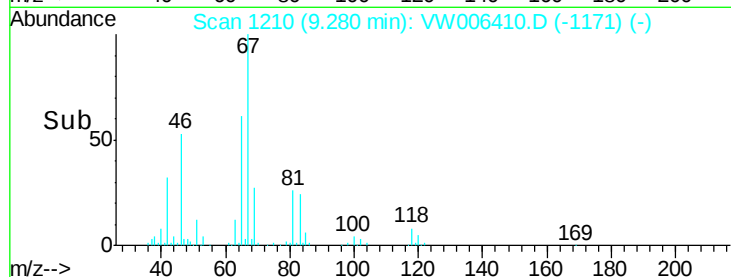
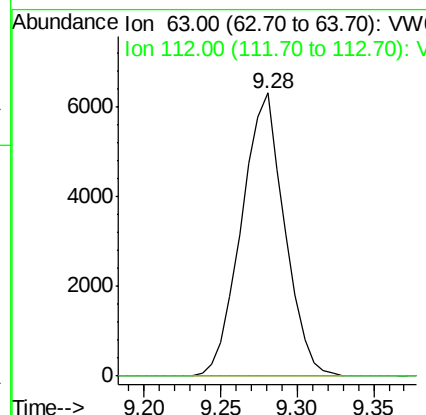
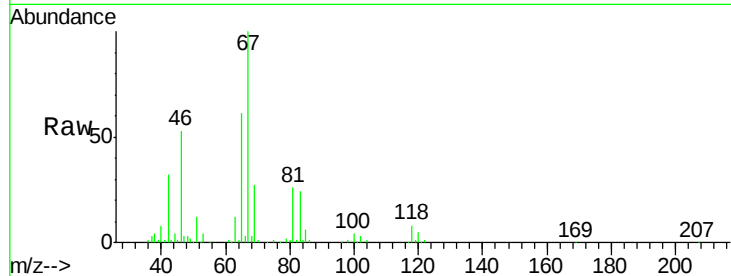




#40
 1,2-Dichloropropane
 Concen: 2.923 ug/L
 RT: 9.28 min Scan# 1210
 Delta R.T. -0.09 min
 Lab File: VW006410.D
 Acq: 26 Oct 2018 17:13

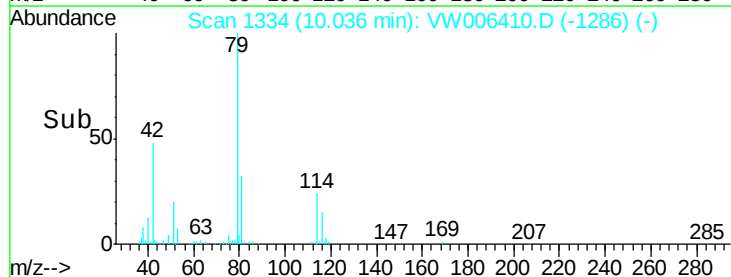
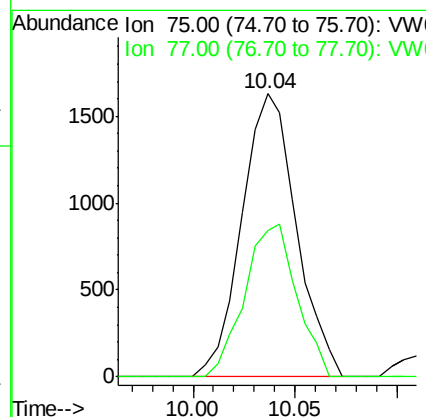
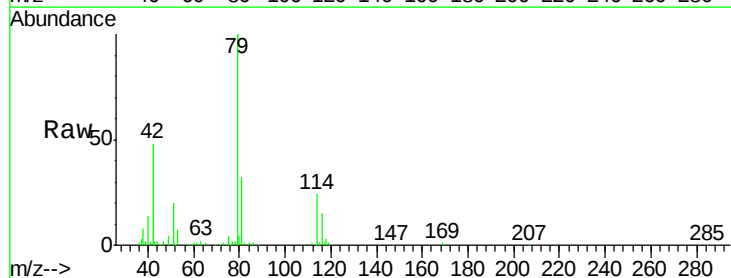
Instrument :
 MSVOA_W
 ClientSampled :
 A40G5

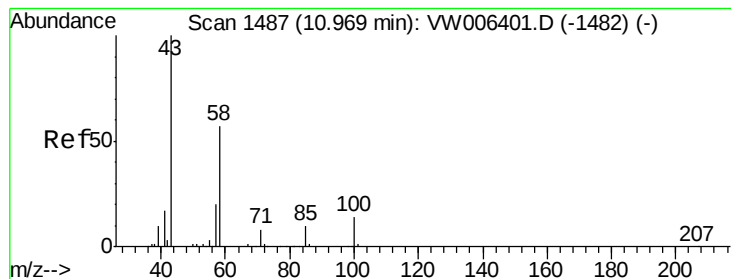
Tgt Ion: 63 Resp: 12338
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.5 5.3#



#42
 cis-1,3-Dichloropropene
 Concen: 0.438 ug/L
 RT: 10.04 min Scan# 1334
 Delta R.T. -0.04 min
 Lab File: VW006410.D
 Acq: 26 Oct 2018 17:13

Tgt Ion: 75 Resp: 3018
 Ion Ratio Lower Upper
 75 100
 77 51.7 22.6 42.0#





#49

2-Hexanone

Concen: 2.373 ug/L

RT: 10.93 min Scan# 1481

Delta R.T. -0.04 min

Lab File: VW006410.D

Acq: 26 Oct 2018 17:13

Instrument :

MSVOA_W

ClientSampleId :

A40G5

Tgt Ion: 43 Resp: 5915

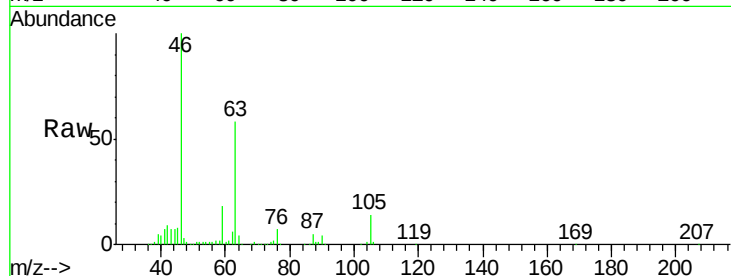
Ion Ratio Lower Upper

43 100

58 22.6 42.1 63.1#

57 19.2 15.1 22.7

100 0.0 9.9 14.9#

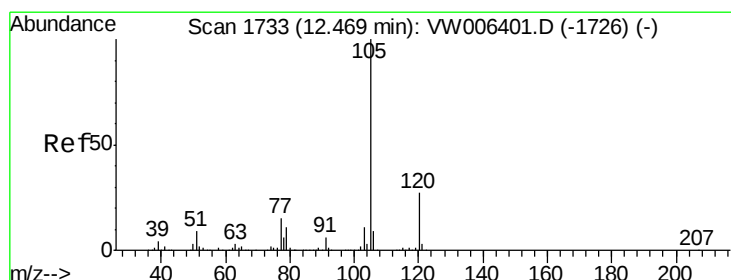
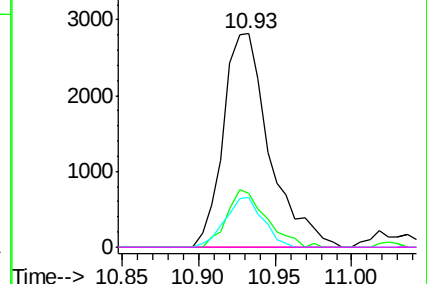
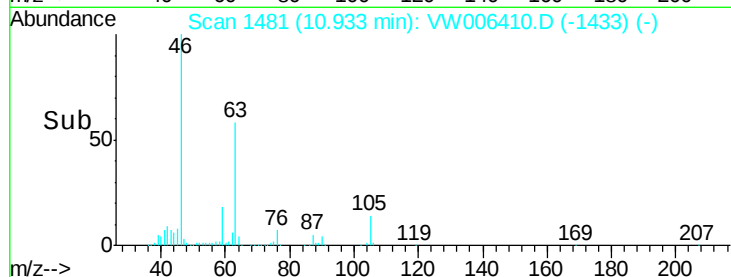


Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

Ion 57.00 (56.70 to 57.70): VW

Ion 100.00 (99.70 to 100.70): VW



#57

Isopropylbenzene

Concen: 0.931 ug/L

RT: 12.48 min Scan# 1734

Delta R.T. 0.01 min

Lab File: VW006410.D

Acq: 26 Oct 2018 17:13

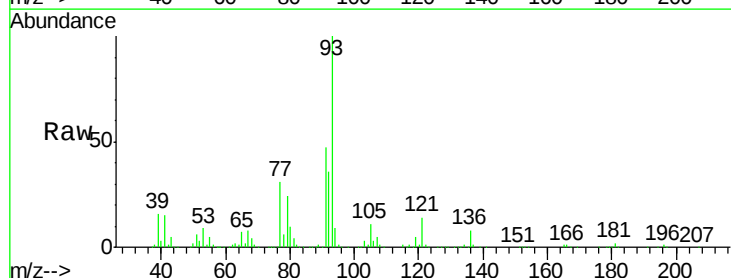
Tgt Ion: 105 Resp: 21560

Ion Ratio Lower Upper

105 100

120 6.7 21.8 32.6#

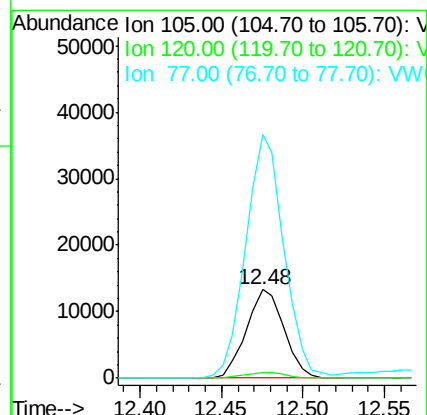
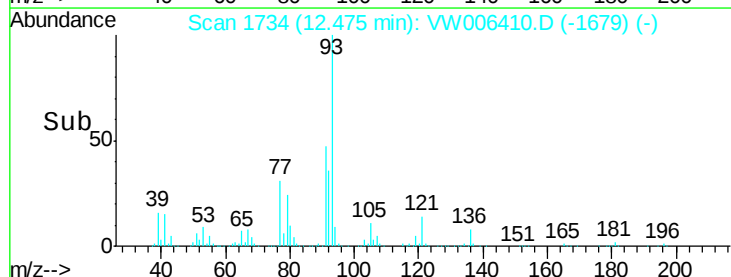
77 277.7 12.2 18.2#

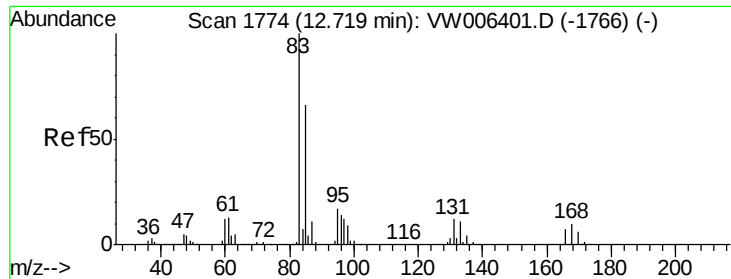


Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

Ion 77.00 (76.70 to 77.70): VW

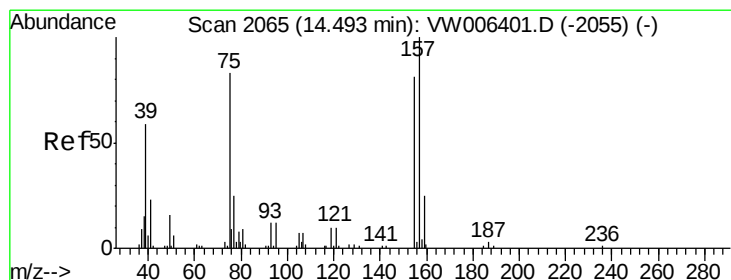
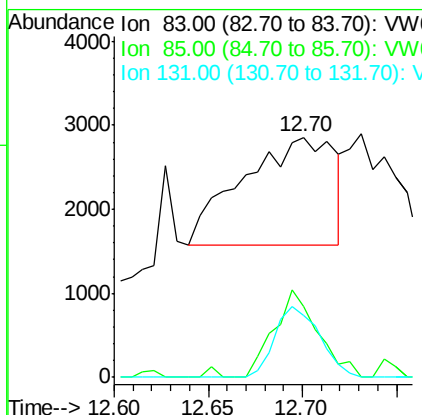
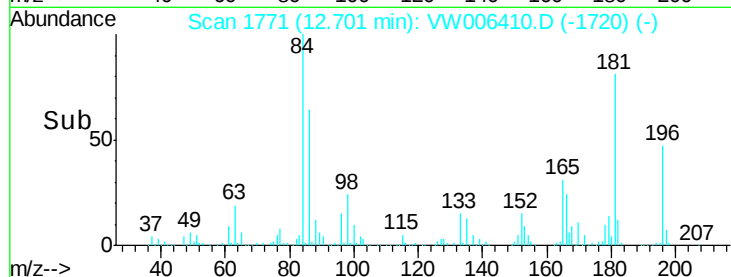
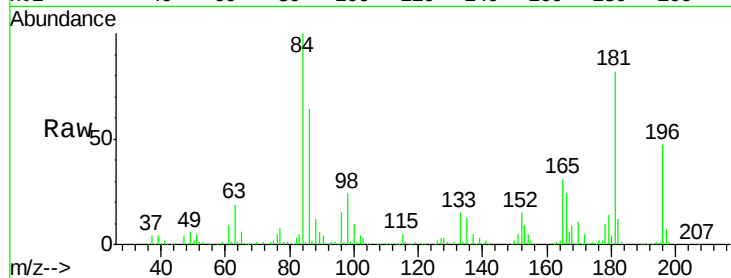




#58
 1,1,2,2-Tetrachloroethane
 Concen: 0.955 ug/L
 RT: 12.70 min Scan# 1771
 Delta R.T. -0.02 min
 Lab File: VW006410.D
 Acq: 26 Oct 2018 17:13

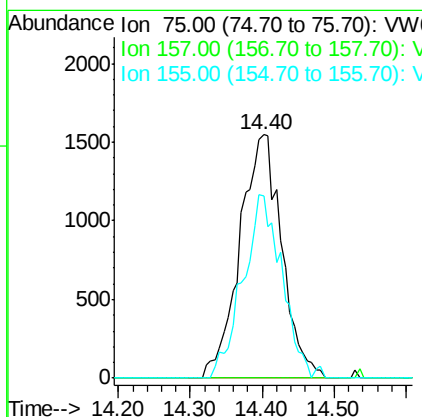
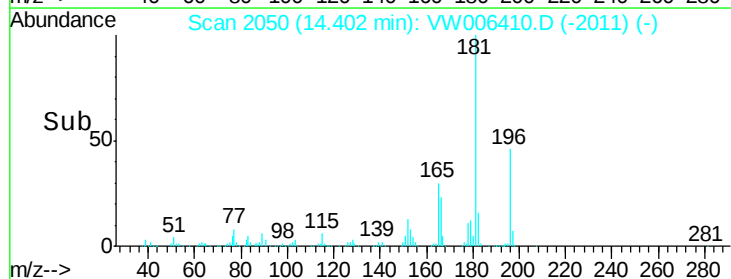
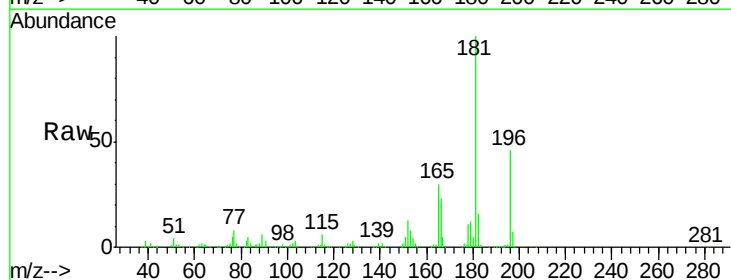
Instrument :
 MSVOA_W
 ClientSampleId :
 A40G5

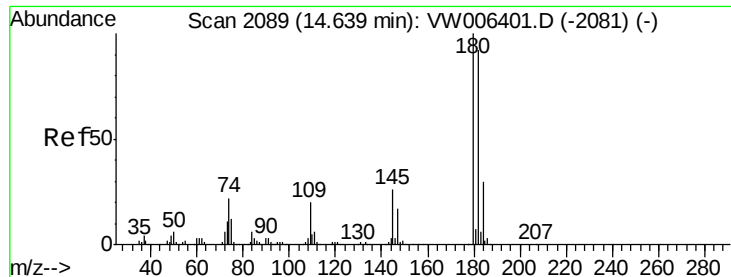
Tgt Ion: 83 Resp: 4362
 Ion Ratio Lower Upper
 83 100
 85 29.6 44.8 83.2#
 131 25.8 9.0 13.4#



#66
 1,2-Dibromo-3-chloropropane
 Concen: 8.895 ug/L
 RT: 14.40 min Scan# 2050
 Delta R.T. -0.09 min
 Lab File: VW006410.D
 Acq: 26 Oct 2018 17:13

Tgt Ion: 75 Resp: 6254
 Ion Ratio Lower Upper
 75 100
 157 0.0 106.8 160.2#
 155 75.0 79.2 118.8#





#67
 1,3,5-Trichlorobenzene
 Concen: 1.870 ug/L
 RT: 14.40 min Scan# 2049
 Delta R.T. -0.24 min
 Lab File: VW006410.D
 Acq: 26 Oct 2018 17:13

Instrument :
 MSVOA_W
 ClientSampleId :
 A40G5

Tgt Ion:	180	Resp:	14312
Ion	Ratio	Lower	Upper
180	100		
182	319.7	76.0	114.0#
184	0.4	24.3	36.5#
145	6.4	22.6	33.8#

