

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW062518\
 Data File : VW003548.D
 Acq On : 25 Jun 2018 15:02
 Operator : SY/AP
 Sample : J3621-16
 Misc : 7.81G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DAZ78

Quant Time: Jun 26 03:05:47 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM062018S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jun 26 03:05:07 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	219399	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	203292	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	69410	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	39104	13.14	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	52.56%
7) Chloroethane-d5	2.89	69	43546	17.54	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	70.16%
10) 1,1-Dichloroethene-d2	4.01	63	68642	11.62	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	46.48%
20) 2-Butanone-d5	7.09	46	56440	60.20	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	120.40%
24) Chloroform-d	7.65	84	157445	27.28	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	109.12%
26) 1,2-Dichloroethane-d4	8.31	65	102649	29.93	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	119.72%
29) Benzene-d6	8.28	84	264782	24.55	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	98.20%
33) 1,2-Dichloropropane-d6	9.28	67	99249	29.07	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	116.28%
37) Toluene-d8	10.33	98	225969	21.91	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	87.64%
38) trans-1,3-Dichloropropene-	10.58	79	37472	23.38	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	93.52%
39) 2-Hexanone-d5	10.93	63	34954	50.09	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	100.18%
48) 1,1,2,2-Tetrachloroethane-	12.70	84	86207	27.14	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	108.56%
61) 1,2-Dichlorobenzene-d4	13.86	152	68213	26.02	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	104.08%

Target Compounds

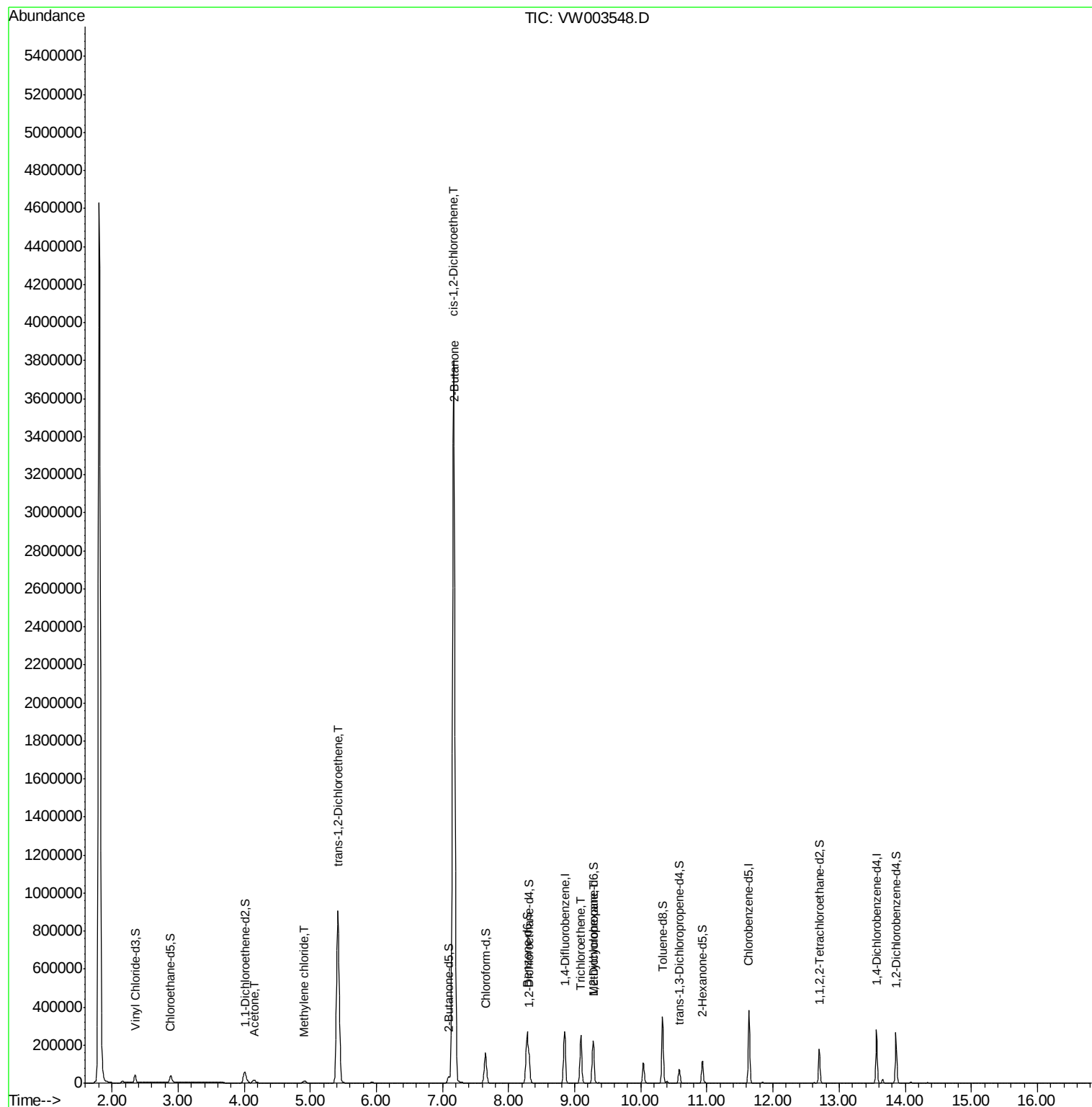
					Qvalue
13) Acetone	4.15	43	31169	31.187 ug/L	66
16) Methylene chloride	4.91	84	7890	2.610 ug/L	93
18) trans-1,2-Dichloroethene	5.42	96	540091	189.005 ug/L	96
21) 2-Butanone	7.18	43	7130	6.071 ug/L #	1
22) cis-1,2-Dichloroethene	7.17	96	2219337	730.798 ug/L	97
35) Trichloroethene	9.09	95	87243	27.922 ug/L	99
36) Methylcyclohexane	9.28	83	23175	4.345 ug/L #	17

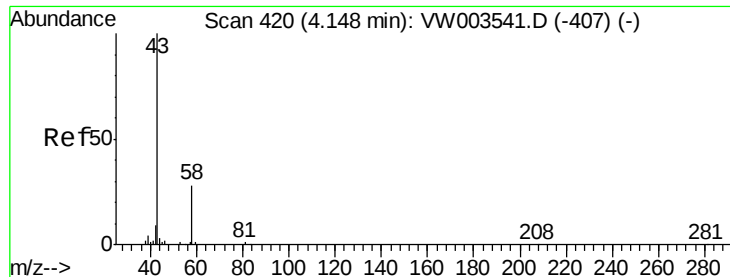
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Jun 26 03:05:07 2018
Response via : Initial Calibration





#13

Acetone

Concen: 31.187 ug/L

RT: 4.15 min Scan# 421

Delta R.T. 0.01 min

Lab File: VW003548.D

Acq: 25 Jun 2018 15:02

Instrument :

MSVOA_W

ClientSampleId :

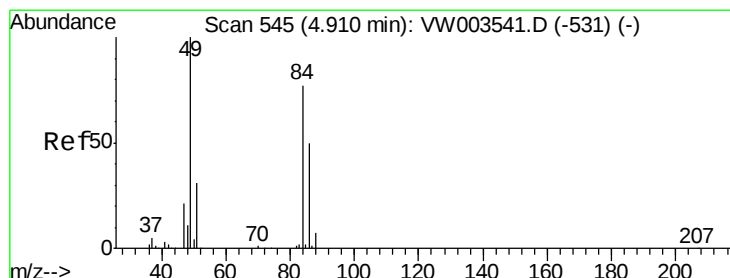
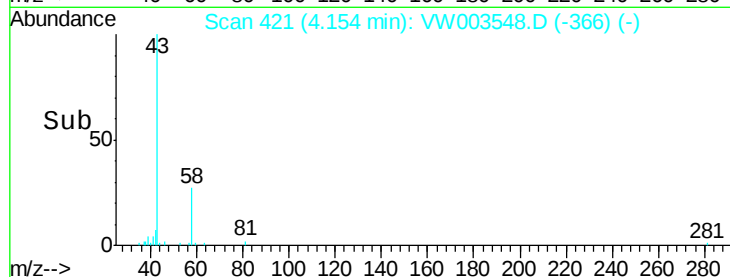
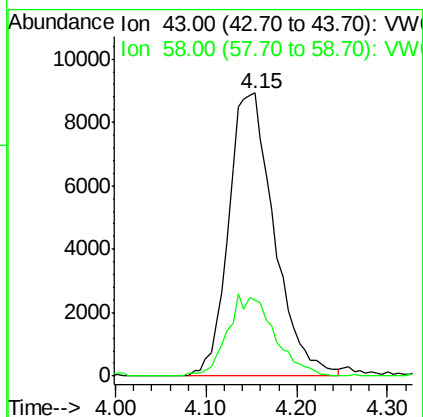
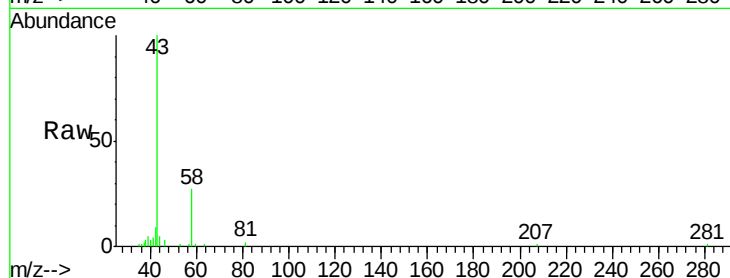
DAZ78

Tgt Ion: 43 Resp: 31169

Ion Ratio Lower Upper

43 100

58 10.8 0.0 58.6



#16

Methylene chloride

Concen: 2.610 ug/L

RT: 4.91 min Scan# 545

Delta R.T. 0.00 min

Lab File: VW003548.D

Acq: 25 Jun 2018 15:02

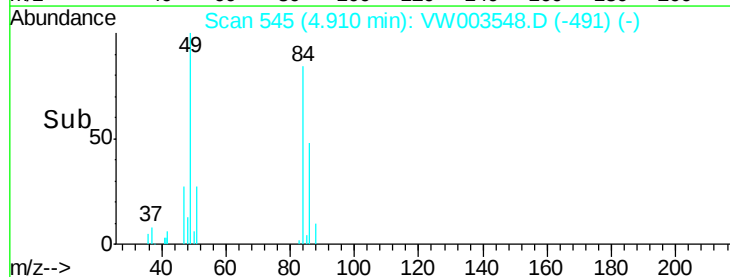
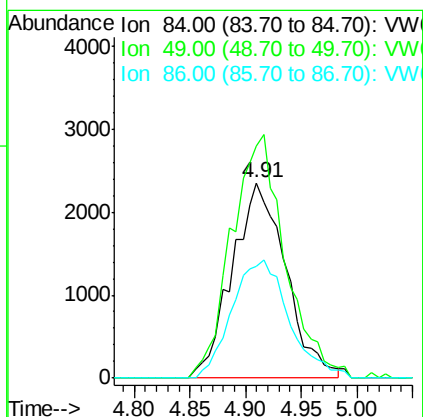
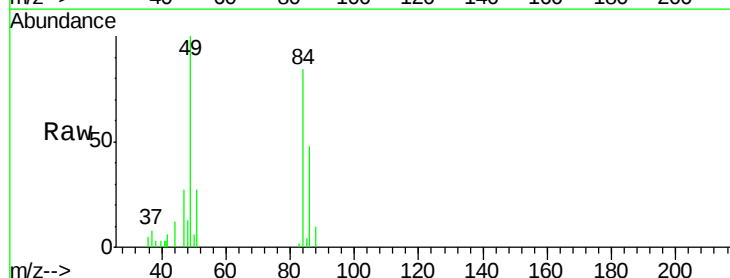
Tgt Ion: 84 Resp: 7890

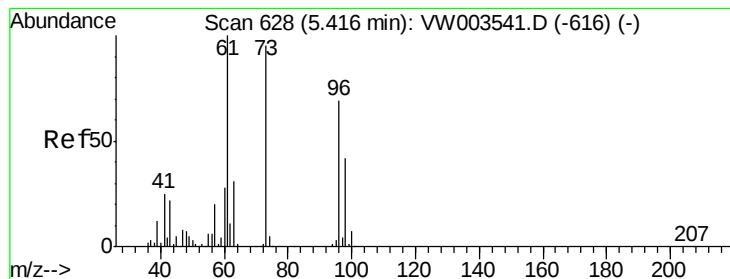
Ion Ratio Lower Upper

84 100

49 118.8 88.7 164.7

86 57.1 44.2 82.0





#18

trans-1,2-Dichloroethene

Concen: 189.005 ug/L

RT: 5.42 min Scan# 628

Delta R.T. 0.00 min

Lab File: VW003548.D

Acq: 25 Jun 2018 15:02

Instrument :

MSVOA_W

ClientSampled :

DAZ78

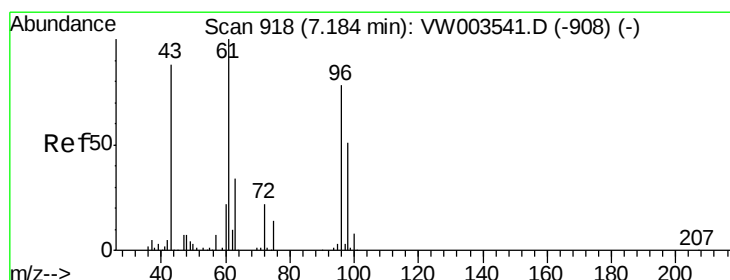
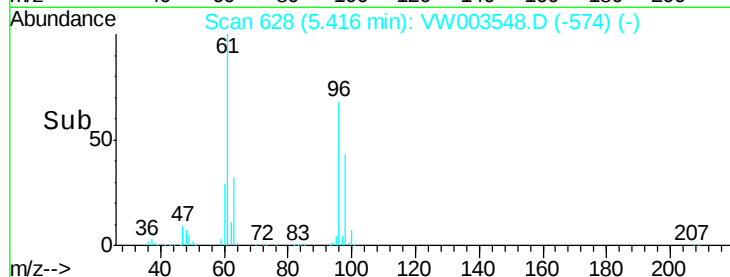
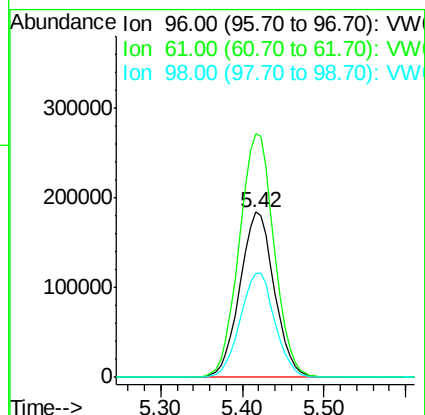
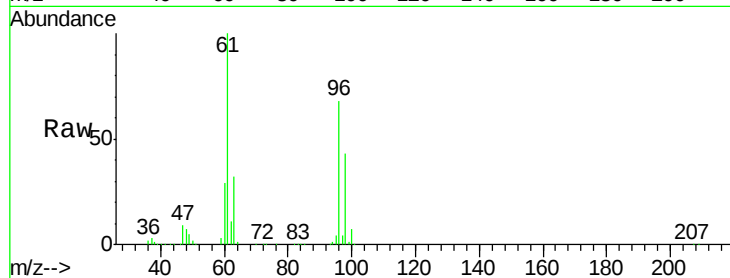
Tgt Ion: 96 Resp: 540091

Ion Ratio Lower Upper

96 100

61 147.2 98.0 182.0

98 62.6 44.2 82.2



#21

2-Butanone

Concen: 6.071 ug/L

RT: 7.18 min Scan# 918

Delta R.T. 0.00 min

Lab File: VW003548.D

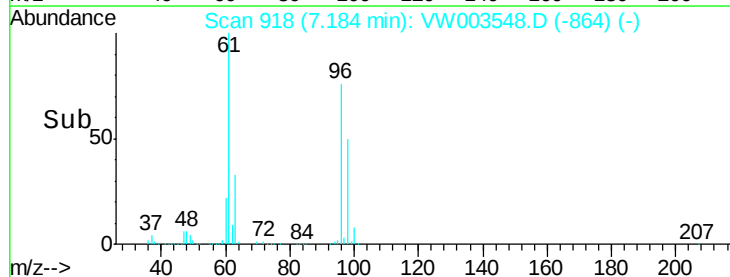
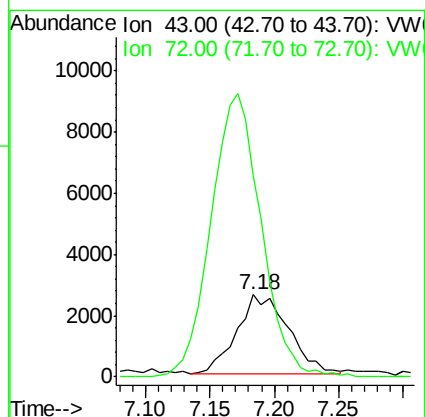
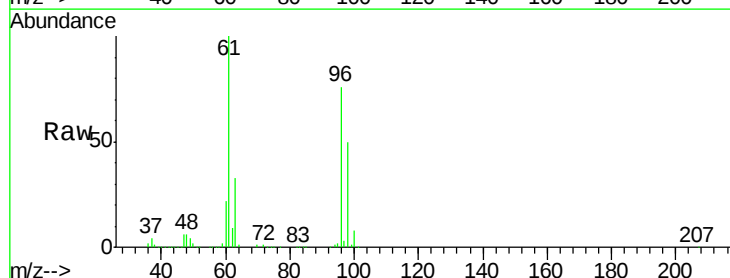
Acq: 25 Jun 2018 15:02

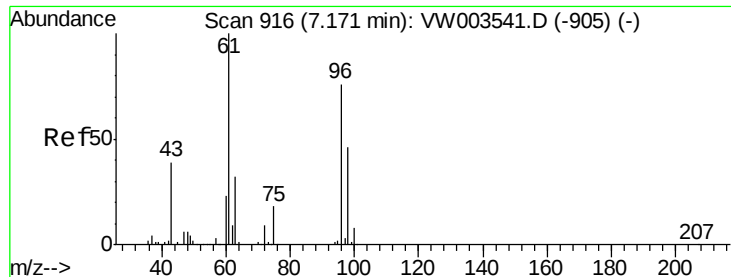
Tgt Ion: 43 Resp: 7130

Ion Ratio Lower Upper

43 100

72 353.3 12.5 37.5#



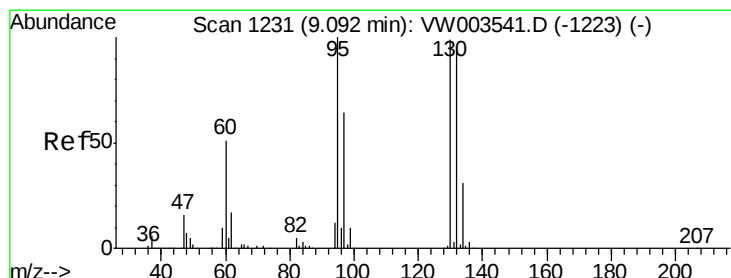
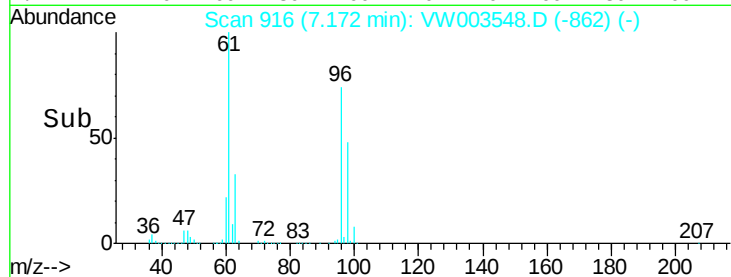
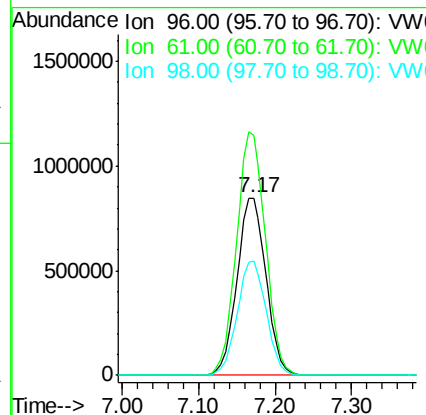
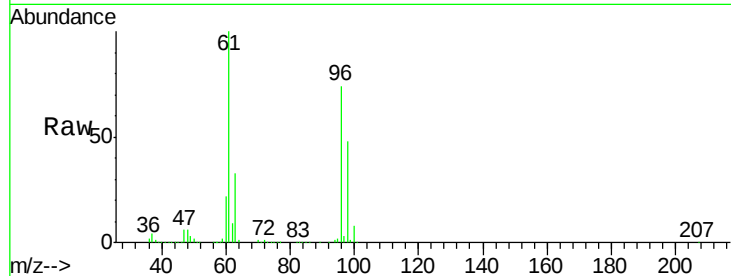


#22

cis-1,2-Dichloroethene
Concen: 730.798 ug/L
RT: 7.17 min Scan# 916
Delta R.T. 0.00 min
Lab File: VW003548.D
Acq: 25 Jun 2018 15:02

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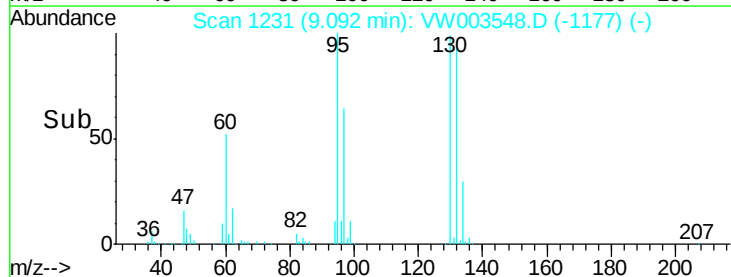
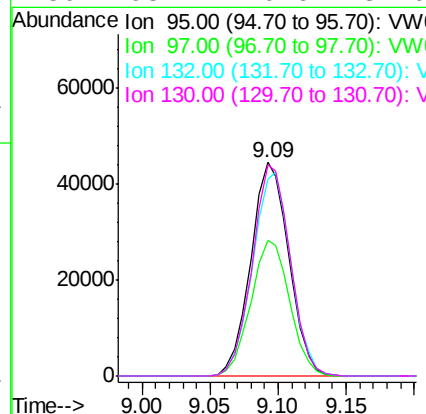
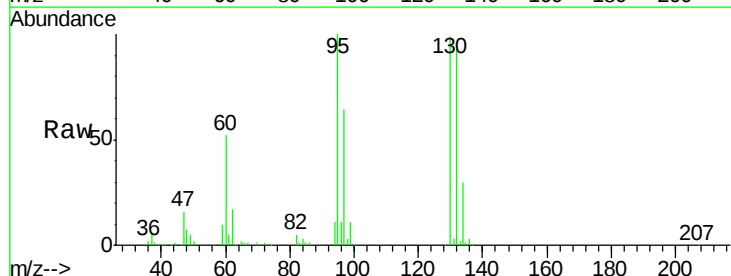
Tgt Ion: 96 Resp: 2219337
Ion Ratio Lower Upper
96 100
61 135.0 97.7 181.5
98 64.4 45.0 83.6

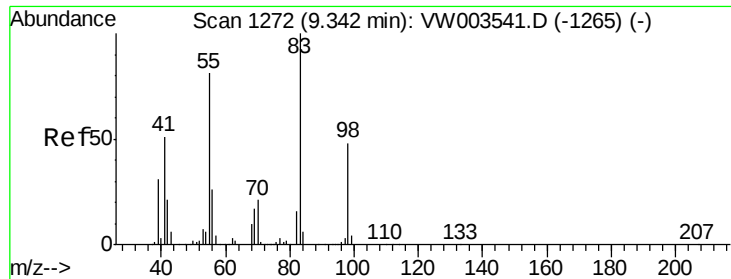


#35

Trichloroethene
Concen: 27.922 ug/L
RT: 9.09 min Scan# 1231
Delta R.T. 0.00 min
Lab File: VW003548.D
Acq: 25 Jun 2018 15:02

Tgt Ion: 95 Resp: 87243
Ion Ratio Lower Upper
95 100
97 64.8 45.6 84.6
132 95.9 67.8 125.8
130 98.4 70.6 131.0





#36
Methylcyclohexane
Concen: 4.345 ug/L
RT: 9.28 min Scan# 1262
Delta R.T. -0.06 min
Lab File: VW003548.D
Acq: 25 Jun 2018 15:02

Instrument :
MSVOA_W
ClientSampleId :
DAZ78

Tgt Ion: 83 Resp: 23175
Ion Ratio Lower Upper
83 100
55 0.3 63.9 95.9#
98 0.5 37.1 55.7#

