

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV041119\
 Data File : VV010261.D
 Acq On : 12 Apr 2019 00:36
 Operator : SY/MD
 Sample : K2278-15
 Misc : 4.34G/10mL/MSVOA_V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 DB6Y7

Quant Time: Apr 12 04:48:49 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM041019S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 12 04:45:26 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	302094	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	289667	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	115085	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	47210	13.58	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	54.32%
7) Chloroethane-d5	1.55	69	54930	18.38	ug/L	-0.02
Spiked Amount	25.000	Range	30 - 150	Recovery	=	73.52%
10) 1,1-Dichloroethene-d2	2.12	63	81275	9.18	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	36.72%#
20) 2-Butanone-d5	3.92	46	50876	57.81	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	115.62%
24) Chloroform-d	4.39	84	143890	20.86	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	83.44%
26) 1,2-Dichloroethane-d4	5.07	65	94306	24.00	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	96.00%
29) Benzene-d6	5.09	84	297680	21.31	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	85.24%
33) 1,2-Dichloropropane-d6	6.11	67	97504	23.47	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	93.88%
37) Toluene-d8	7.36	98	269925	19.82	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	79.28%
38) trans-1,3-Dichloropropene-	7.66	79	34963	20.18	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	80.72%
39) 2-Hexanone-d5	8.13	63	32356	45.09	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	90.18%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	86033	23.07	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	92.28%
61) 1,2-Dichlorobenzene-d4	11.67	152	100508	23.65	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	94.60%

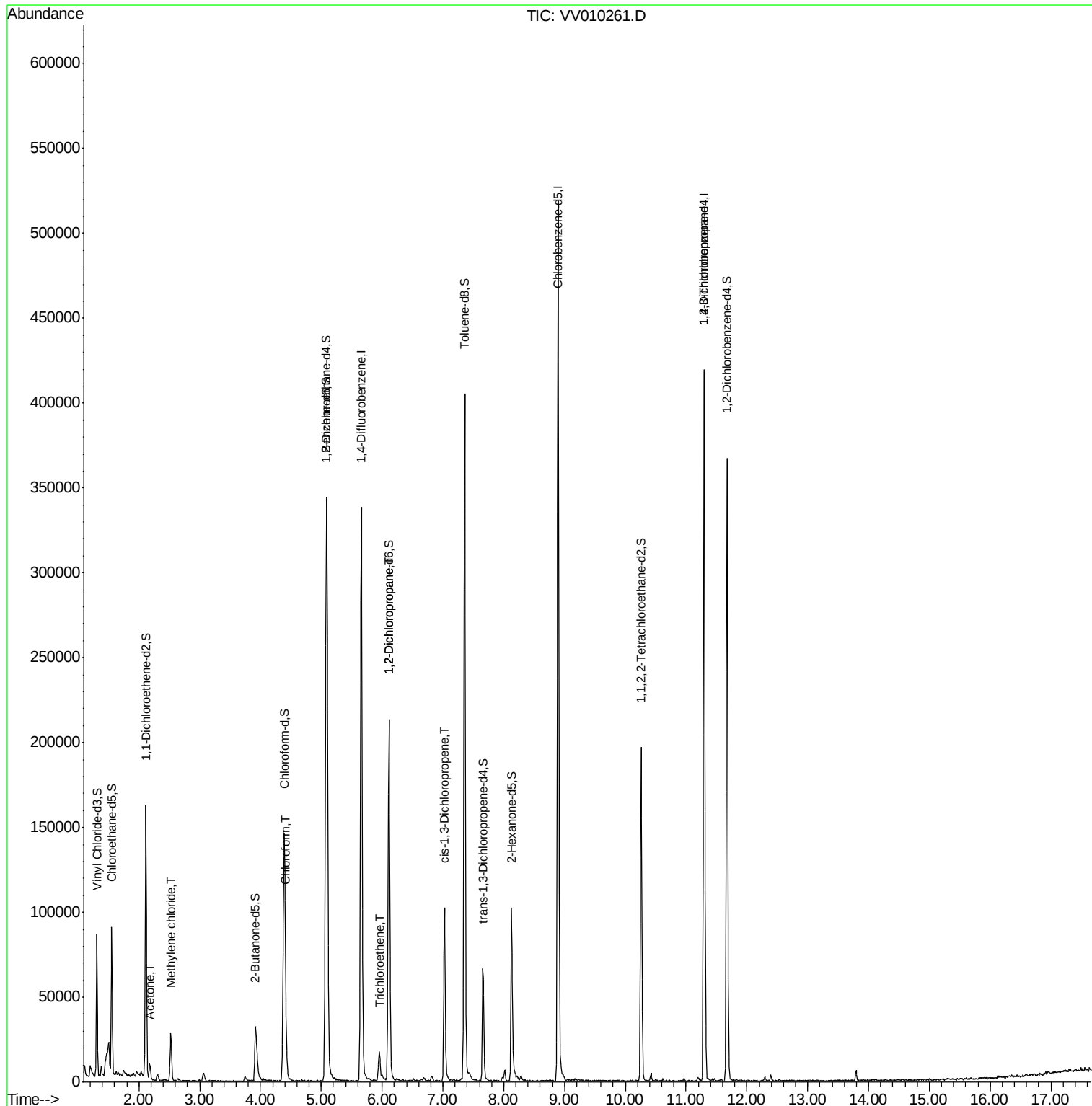
Target Compounds

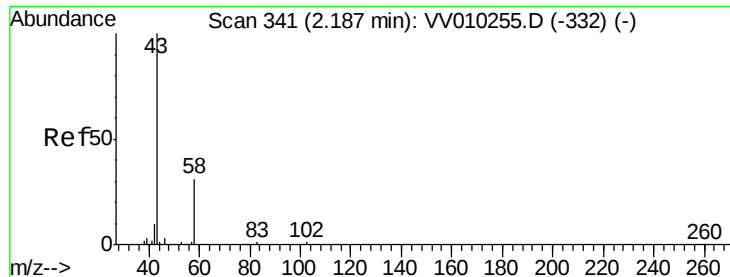
					Qvalue
13) Acetone	2.18	43	8445	8.982	ug/L 98
16) Methylene chloride	2.53	84	11678	1.974	ug/L 97
25) Chloroform	4.42	83	10680	1.443	ug/L # 59
35) Trichloroethene	5.96	95	5090	1.200	ug/L 94
40) 1,2-Dichloropropane	6.11	63	11744	3.269	ug/L # 85
42) cis-1,3-Dichloropropene	7.02	75	2972	0.546	ug/L # 69
59) 1,2,3-Trichloropropane	11.30	75	13961	5.036	ug/L 89

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

```
Data Path : Z:\V0ASRV\HPCHEM1\MSV0A_V\DATA\VV041119\  
Data File : VV010261.D  
Acq On    : 12 Apr 2019   00:36  
Operator  : SY/MD  
Sample    : K2278-15  
Misc      : 4.34G/10mL/MSV0A_V/SOIL  
ALS Vial  : 1    Sample Multiplier: 1
```

Quant Time: Apr 12 04:48:49 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSV0A_V\METHOD\SOM2VLM041019S.M
Quant Title : VOC Analysis
QLast Update : Fri Apr 12 04:45:26 2019
Response via : Initial Calibration





#13

Acetone

Concen: 8.982 ug/L

RT: 2.18 min Scan# 339

Delta R.T. -0.01 min

Lab File: VV010261.D

Acq: 12 Apr 2019 00:36

Instrument :

MSVOA_V

ClientSampled :

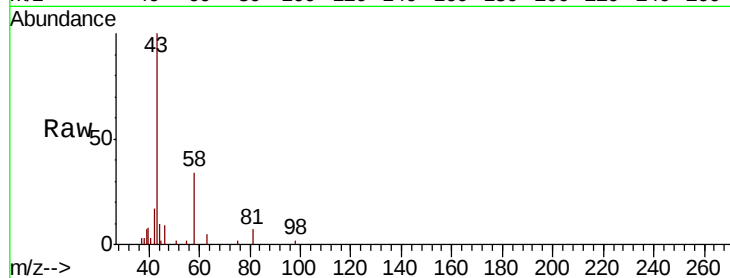
DB6Y7

Tgt Ion: 43 Resp: 8445

Ion Ratio Lower Upper

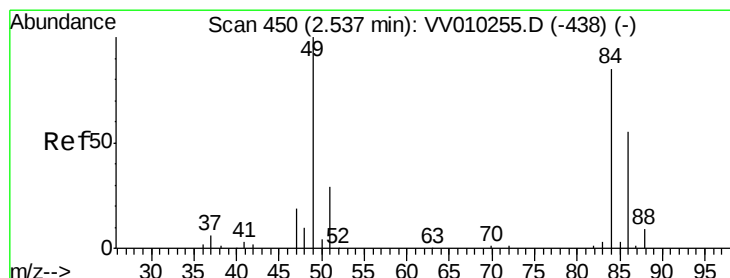
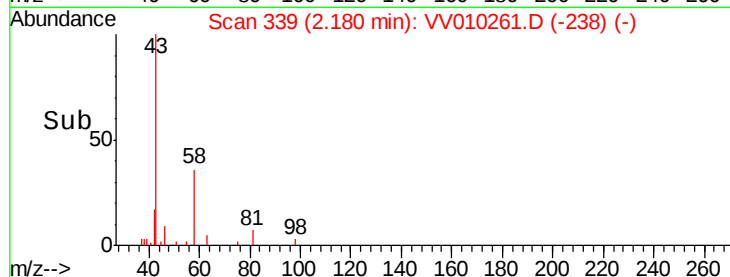
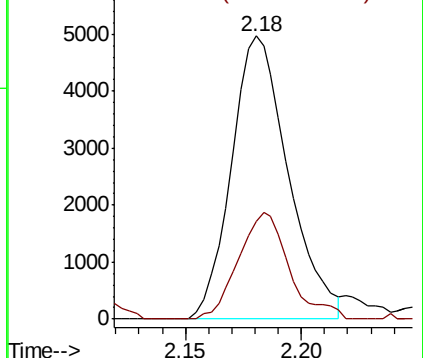
43 100

58 32.1 0.0 61.6



Abundance Ion 43.00 (42.70 to 43.70): VV010255.D (-332) (-)

Ion 58.00 (57.70 to 58.70): VV010255.D (-332) (-)



#16

Methylene chloride

Concen: 1.974 ug/L

RT: 2.53 min Scan# 447

Delta R.T. -0.01 min

Lab File: VV010261.D

Acq: 12 Apr 2019 00:36

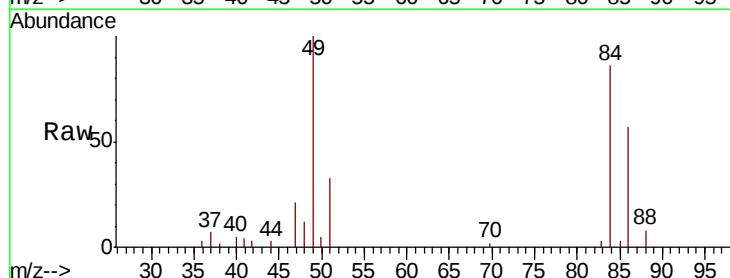
Tgt Ion: 84 Resp: 11678

Ion Ratio Lower Upper

84 100

49 116.6 79.9 148.5

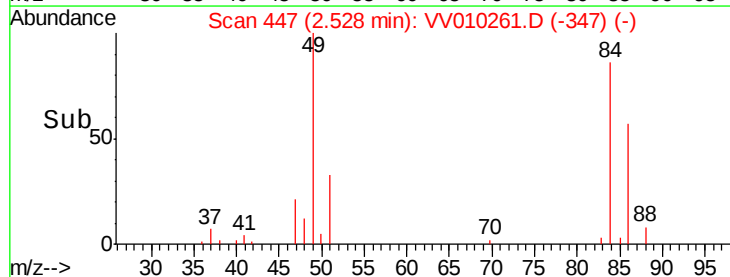
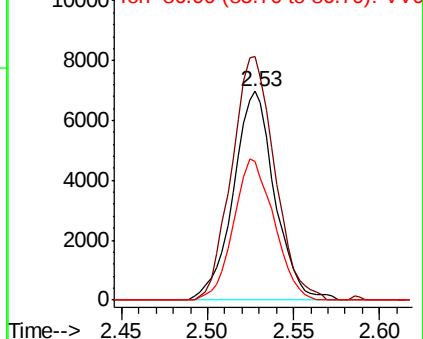
86 66.5 44.5 82.7

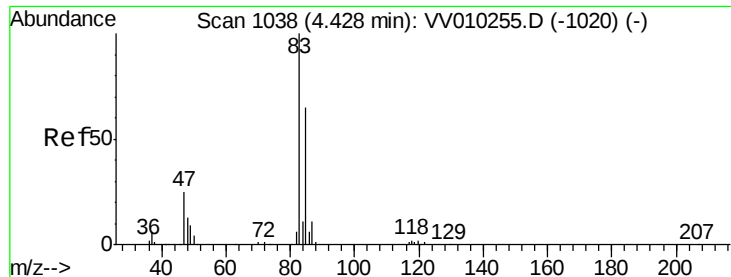


Abundance Ion 84.00 (83.70 to 84.70): VV010255.D (-438) (-)

Ion 49.00 (48.70 to 49.70): VV010255.D (-438) (-)

Ion 86.00 (85.70 to 86.70): VV010255.D (-438) (-)





#25

Chloroform

Concen: 1.443 ug/L

RT: 4.42 min Scan# 1035

Delta R.T. -0.01 min

Lab File: VV010261.D

Acq: 12 Apr 2019 00:36

Instrument :

MSVOA_V

ClientSampleId :

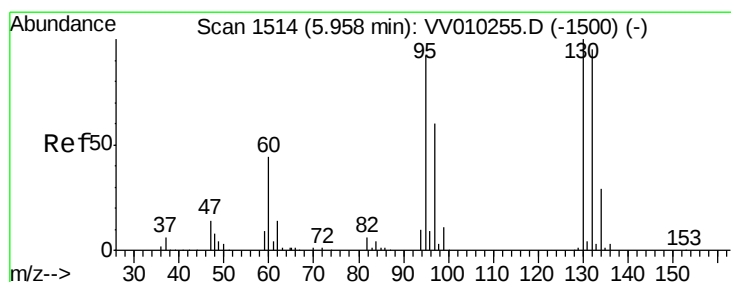
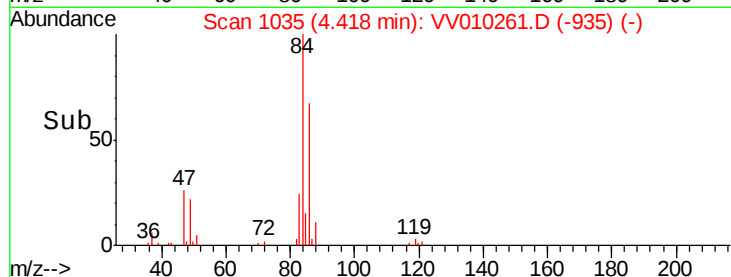
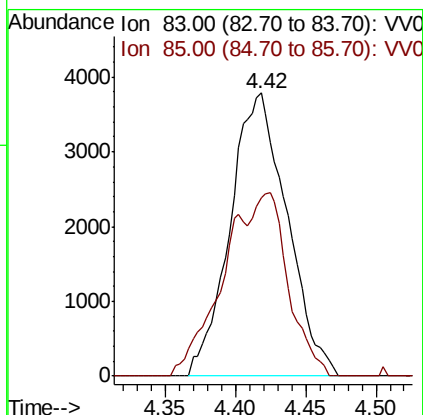
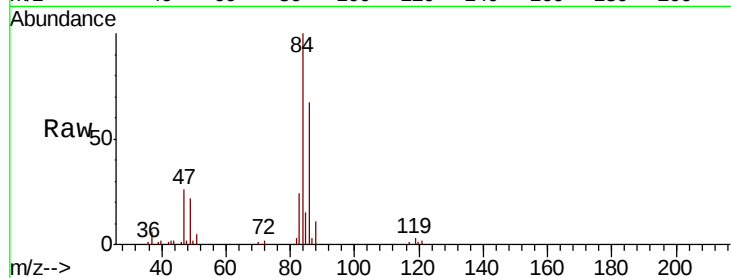
DB6Y7

Tgt Ion: 83 Resp: 10680

Ion Ratio Lower Upper

83 100

85 32.4 45.4 84.2#



#35

Trichloroethene

Concen: 1.200 ug/L

RT: 5.96 min Scan# 1514

Delta R.T. -0.00 min

Lab File: VV010261.D

Acq: 12 Apr 2019 00:36

Tgt Ion: 95 Resp: 5090

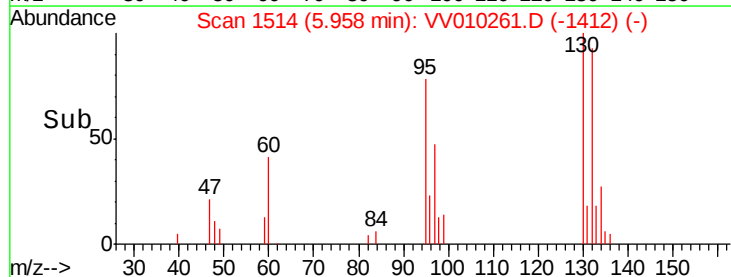
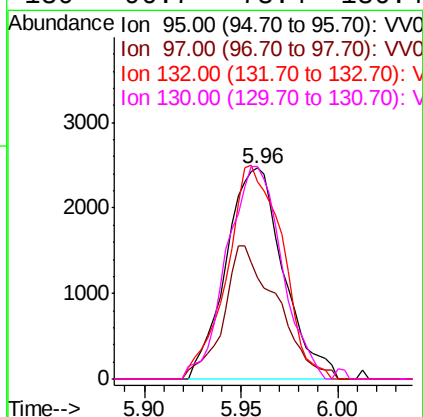
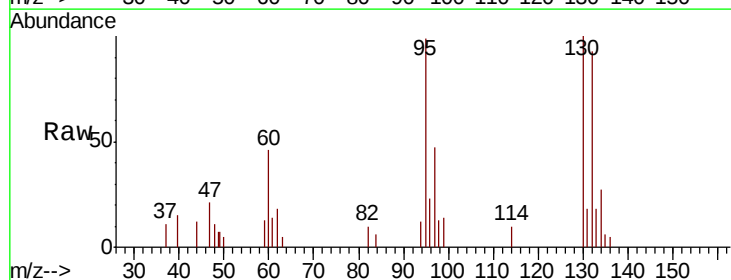
Ion Ratio Lower Upper

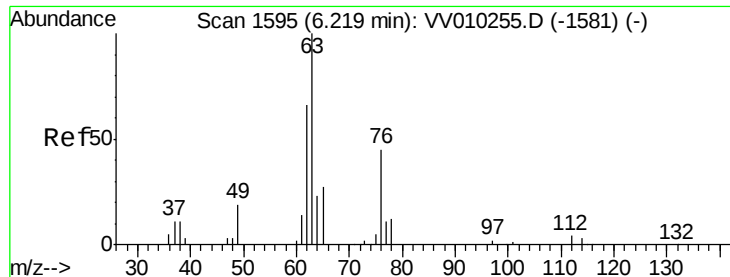
95 100

97 58.4 44.3 82.3

132 97.3 71.3 132.3

130 96.7 73.4 136.4

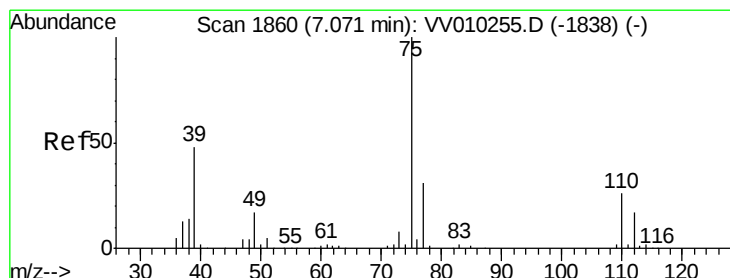
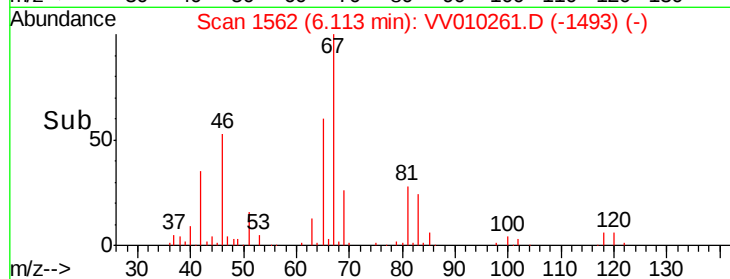
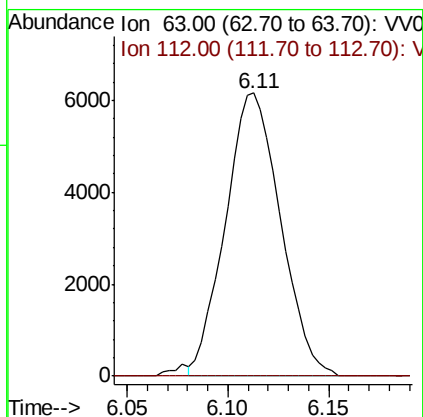
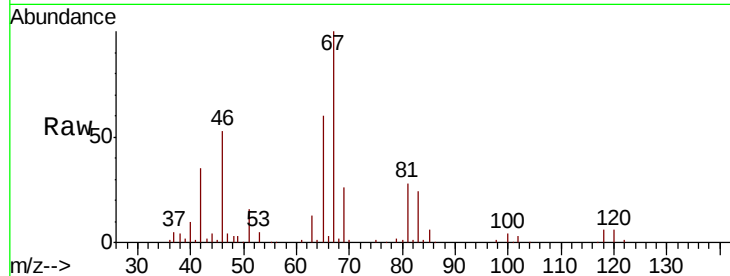




#40
 1,2-Dichloropropane
 Concen: 3.269 ug/L
 RT: 6.11 min Scan# 1562
 Delta R.T. -0.11 min
 Lab File: VV010261.D
 Acq: 12 Apr 2019 00:36

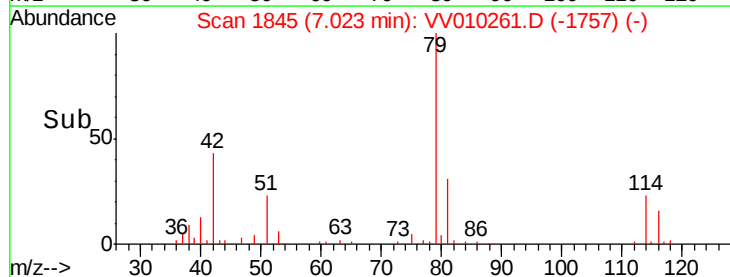
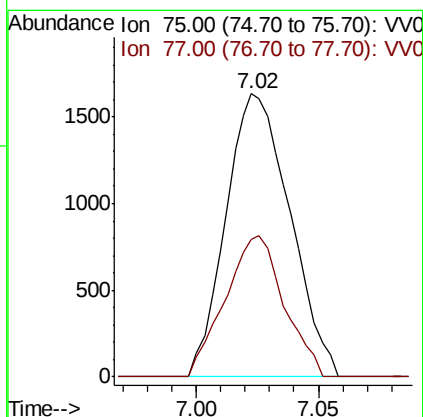
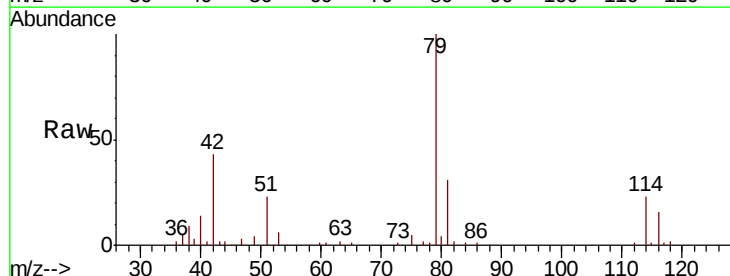
Instrument :
 MSVOA_V
 ClientSampleID :
 DB6Y7

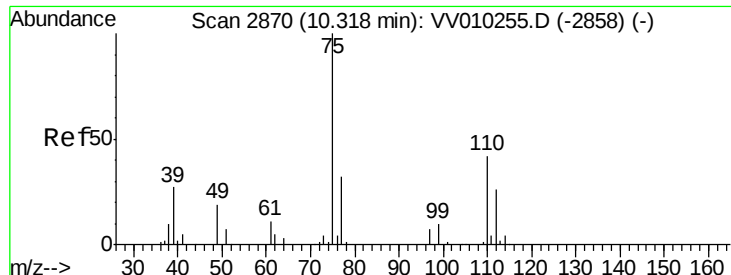
Tgt Ion: 63 Resp: 11744
 Ion Ratio Lower Upper
 63 100
 112 0.0 4.0 6.0#



#42
 cis-1,3-Dichloropropene
 Concen: 0.546 ug/L
 RT: 7.02 min Scan# 1845
 Delta R.T. -0.05 min
 Lab File: VV010261.D
 Acq: 12 Apr 2019 00:36

Tgt Ion: 75 Resp: 2972
 Ion Ratio Lower Upper
 75 100
 77 48.6 21.9 40.7#





#59

1,2,3-Trichloropropane

Concen: 5.036 ug/L

RT: 11.30 min Scan# 3174

Delta R.T. 0.98 min

Lab File: VV010261.D

Acq: 12 Apr 2019 00:36

Instrument :

MSVOA_V

ClientSampleId :

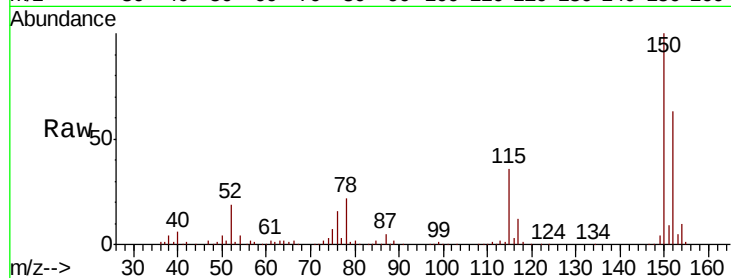
DB6Y7

Tgt Ion: 75 Resp: 13961

Ion Ratio Lower Upper

75 100

77 40.0 26.9 40.3



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0

