

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV041119\
 Data File : VV010270.D
 Acq On : 12 Apr 2019 04:31
 Operator : SY/MD
 Sample : K2328-02
 Misc : 5.68G/10mL/MSVOA_V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 DB703

Quant Time: Apr 12 06:02:53 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	276696	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	272811	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	116380	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	46713	14.67	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	58.68%
7) Chloroethane-d5	1.58	69	80128	29.27	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	117.08%
10) 1,1-Dichloroethene-d2	2.12	63	103071	12.71	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	50.84%
20) 2-Butanone-d5	3.95	46	47420	58.83	ug/L	0.02
Spiked Amount	50.000	Range	20 - 135	Recovery	=	117.66%
24) Chloroform-d	4.40	84	153043	24.22	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	96.88%
26) 1,2-Dichloroethane-d4	5.08	65	93403	25.95	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	103.80%
29) Benzene-d6	5.09	84	285205	21.68	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	86.72%
33) 1,2-Dichloropropane-d6	6.12	67	95470	24.40	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	97.60%
37) Toluene-d8	7.36	98	254205	19.82	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	79.28%
38) trans-1,3-Dichloropropene-	7.66	79	33584	20.59	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	82.36%
39) 2-Hexanone-d5	8.14	63	34320	50.79	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	101.58%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	87275	24.85	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	99.40%
61) 1,2-Dichlorobenzene-d4	11.67	152	106379	24.75	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	99.00%

Target Compounds

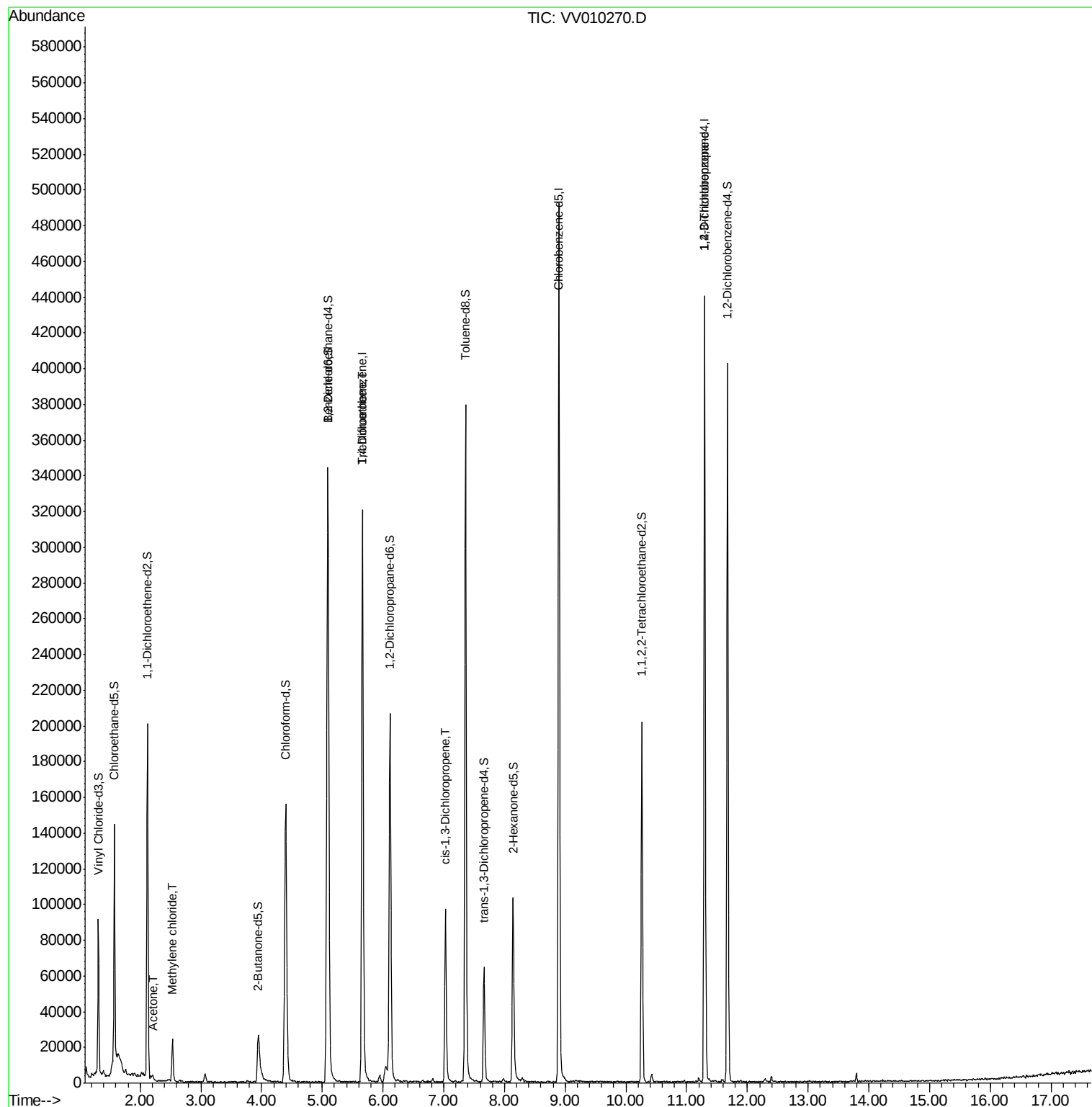
					Qvalue
13) Acetone	2.21	43	3476	4.036 ug/L	76
16) Methylene chloride	2.53	84	9663	1.783 ug/L	96
35) Trichloroethene	5.66	95	7848	1.964 ug/L #	3
42) cis-1,3-Dichloropropene	7.03	75	3111	0.607 ug/L	88
59) 1,2,3-Trichloropropane	11.29	75	14395	5.513 ug/L	91

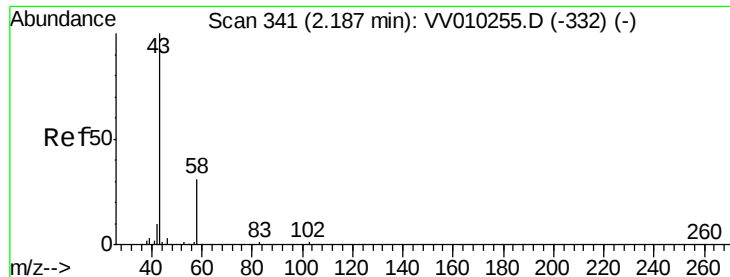
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Apr 12 04:45:26 2019
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#13

Acetone

Concen: 4.036 ug/L

RT: 2.21 min Scan# 348

Delta R.T. 0.02 min

Lab File: VV010270.D

Acq: 12 Apr 2019 04:31

Instrument :

MSVOA_V

ClientSampleId :

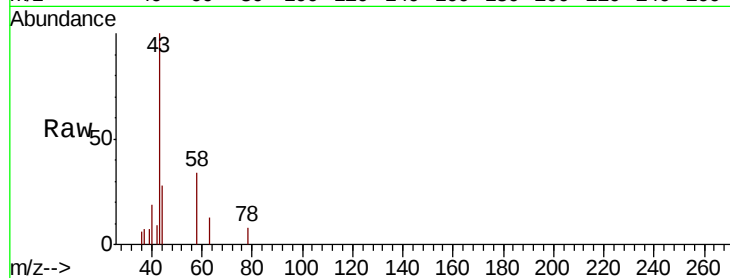
DB703

Tgt Ion: 43 Resp: 3476

Ion Ratio Lower Upper

43 100

58 17.6 0.0 61.6



Abundance Ion 43.00 (42.70 to 43.70): VV010270.D (-347) (-)

Ion 58.00 (57.70 to 58.70): VV010270.D (-347) (-)

2.21

1500

1000

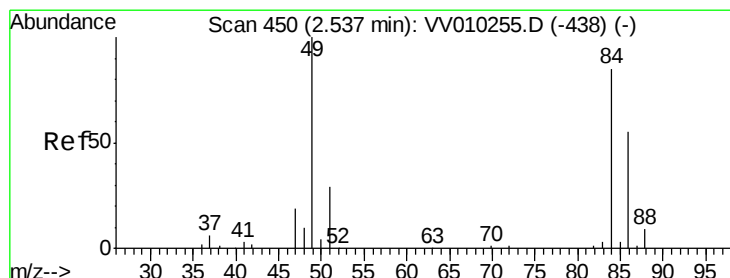
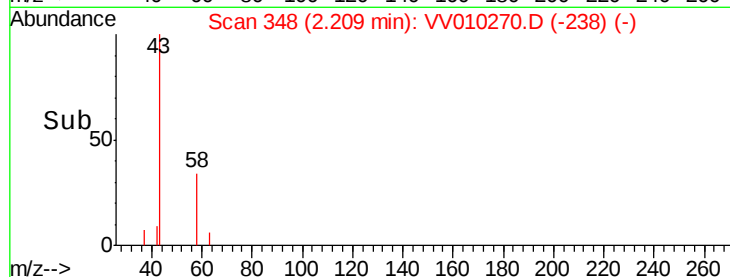
500

200

0

2.15 2.20 2.25

Time-->



#16

Methylene chloride

Concen: 1.783 ug/L

RT: 2.53 min Scan# 449

Delta R.T. -0.00 min

Lab File: VV010270.D

Acq: 12 Apr 2019 04:31

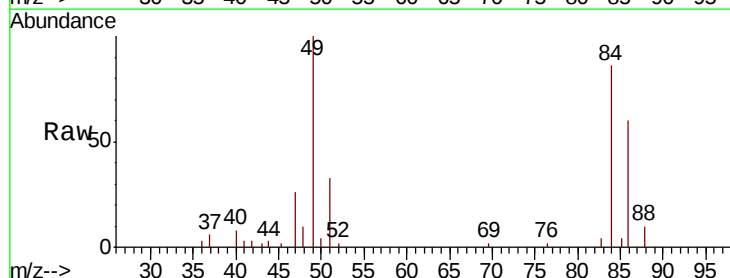
Tgt Ion: 84 Resp: 9663

Ion Ratio Lower Upper

84 100

49 116.8 79.9 148.5

86 69.6 44.5 82.7



Abundance Ion 84.00 (83.70 to 84.70): VV010270.D (-347) (-)

Ion 49.00 (48.70 to 49.70): VV010270.D (-347) (-)

Ion 86.00 (85.70 to 86.70): VV010270.D (-347) (-)

2.53

8000

6000

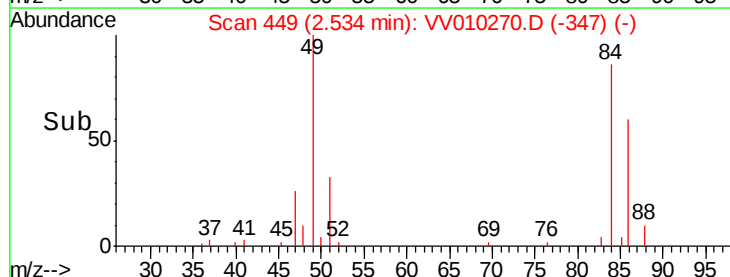
4000

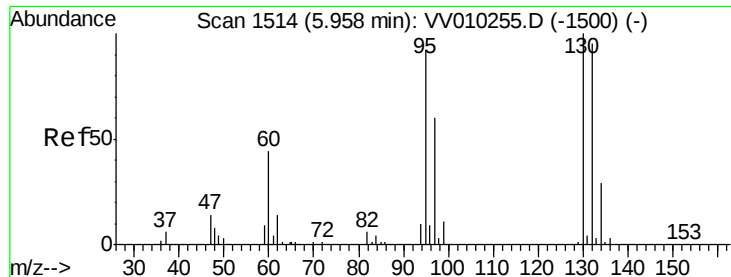
2000

0

2.50 2.55 2.60

Time-->

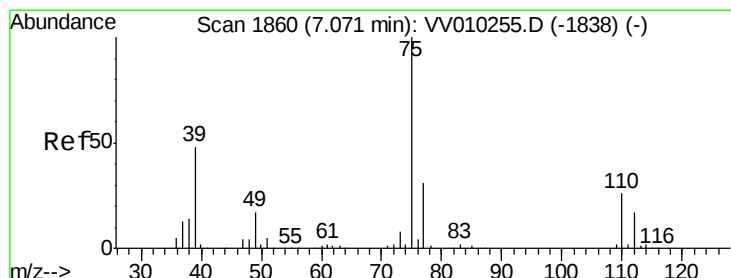
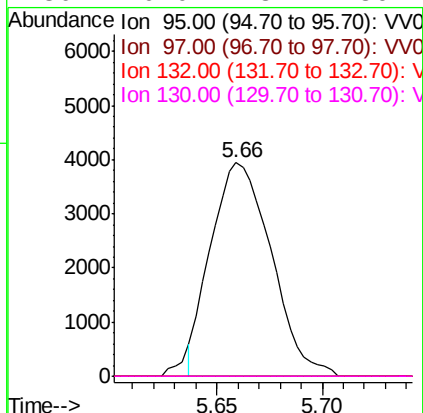
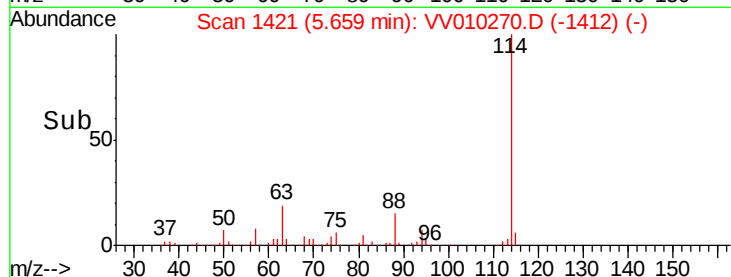
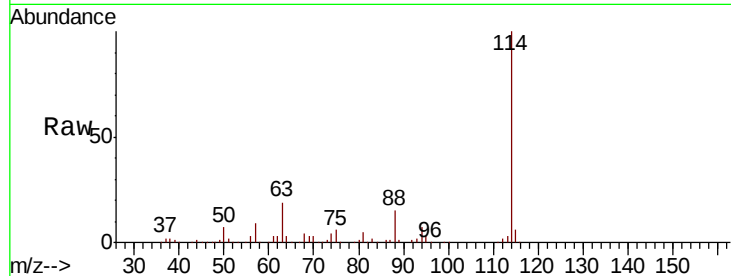




#35
 Trichloroethene
 Concen: 1.964 ug/L
 RT: 5.66 min Scan# 1421
 Delta R.T. -0.30 min
 Lab File: VV010270.D
 Acq: 12 Apr 2019 04:31

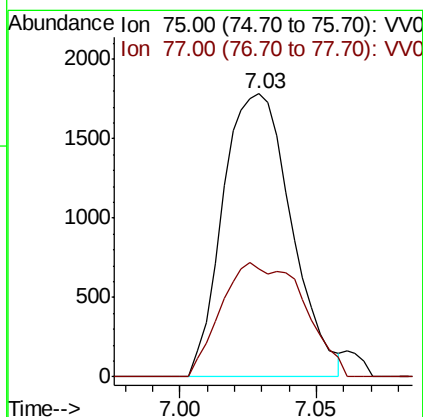
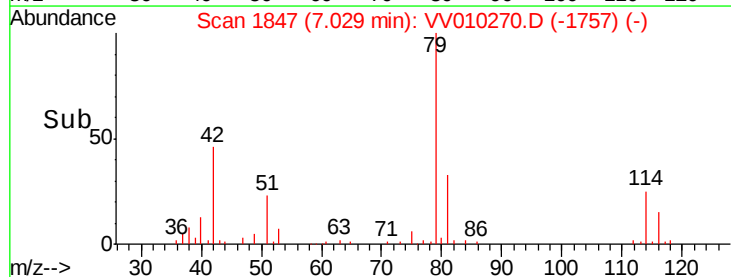
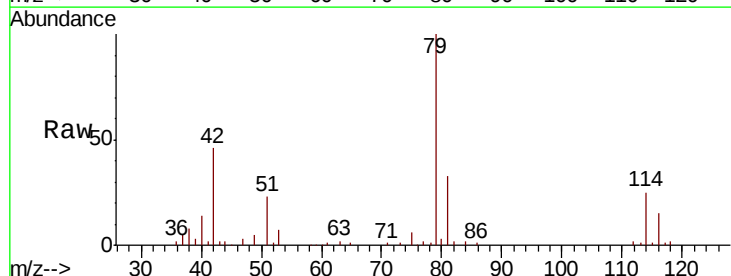
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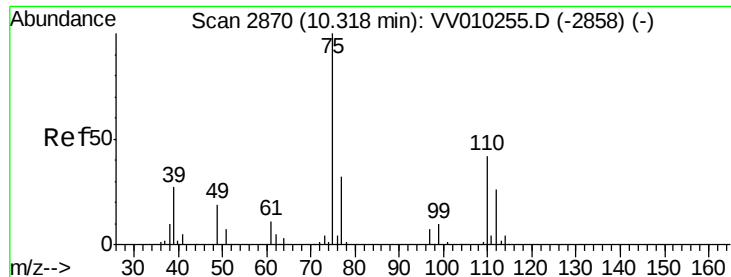
Tgt Ion: 95 Resp: 7848
 Ion Ratio Lower Upper
 95 100
 97 0.0 44.3 82.3#
 132 0.0 71.3 132.3#
 130 0.0 73.4 136.4#



#42
 cis-1,3-Dichloropropene
 Concen: 0.607 ug/L
 RT: 7.03 min Scan# 1847
 Delta R.T. -0.04 min
 Lab File: VV010270.D
 Acq: 12 Apr 2019 04:31

Tgt Ion: 75 Resp: 3111
 Ion Ratio Lower Upper
 75 100
 77 38.1 21.9 40.7





#59
 1,2,3-Trichloropropane
 Concen: 5.513 ug/L
 RT: 11.29 min Scan# 3173
 Delta R.T. 0.97 min
 Lab File: VV010270.D
 Acq: 12 Apr 2019 04:31

Instrument :
 MSVOA_V
 ClientSampleId :
 DB703

Tgt Ion: 75 Resp: 14395
 Ion Ratio Lower Upper
 75 100
 77 38.7 26.9 40.3

