

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV041119\
 Data File : VV010271.D
 Acq On : 12 Apr 2019 04:57
 Operator : SY/MD
 Sample : K2328-03
 Misc : 5.38G/10mL/MSVOA_V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 DB704

Quant Time: Apr 12 06:02:57 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	175364	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	180782	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	77682	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	26299	13.03	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	52.12%
7) Chloroethane-d5	1.56	69	33498	19.31	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	77.24%
10) 1,1-Dichloroethene-d2	2.12	63	59413	11.56	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	46.24%
20) 2-Butanone-d5	3.93	46	46156	90.35	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	180.70%#
24) Chloroform-d	4.40	84	104180	26.01	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	104.04%
26) 1,2-Dichloroethane-d4	5.08	65	75804	33.23	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	132.92%#
29) Benzene-d6	5.09	84	190425	21.85	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	87.40%
33) 1,2-Dichloropropane-d6	6.11	67	68784	26.53	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	106.12%
37) Toluene-d8	7.36	98	171239	20.14	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	80.56%
38) trans-1,3-Dichloropropene-	7.66	79	26365	24.39	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	97.56%
39) 2-Hexanone-d5	8.13	63	27319	61.00	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	122.00%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	73037	31.38	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	125.52%#
61) 1,2-Dichlorobenzene-d4	11.68	152	73922	25.77	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	103.08%

Target Compounds

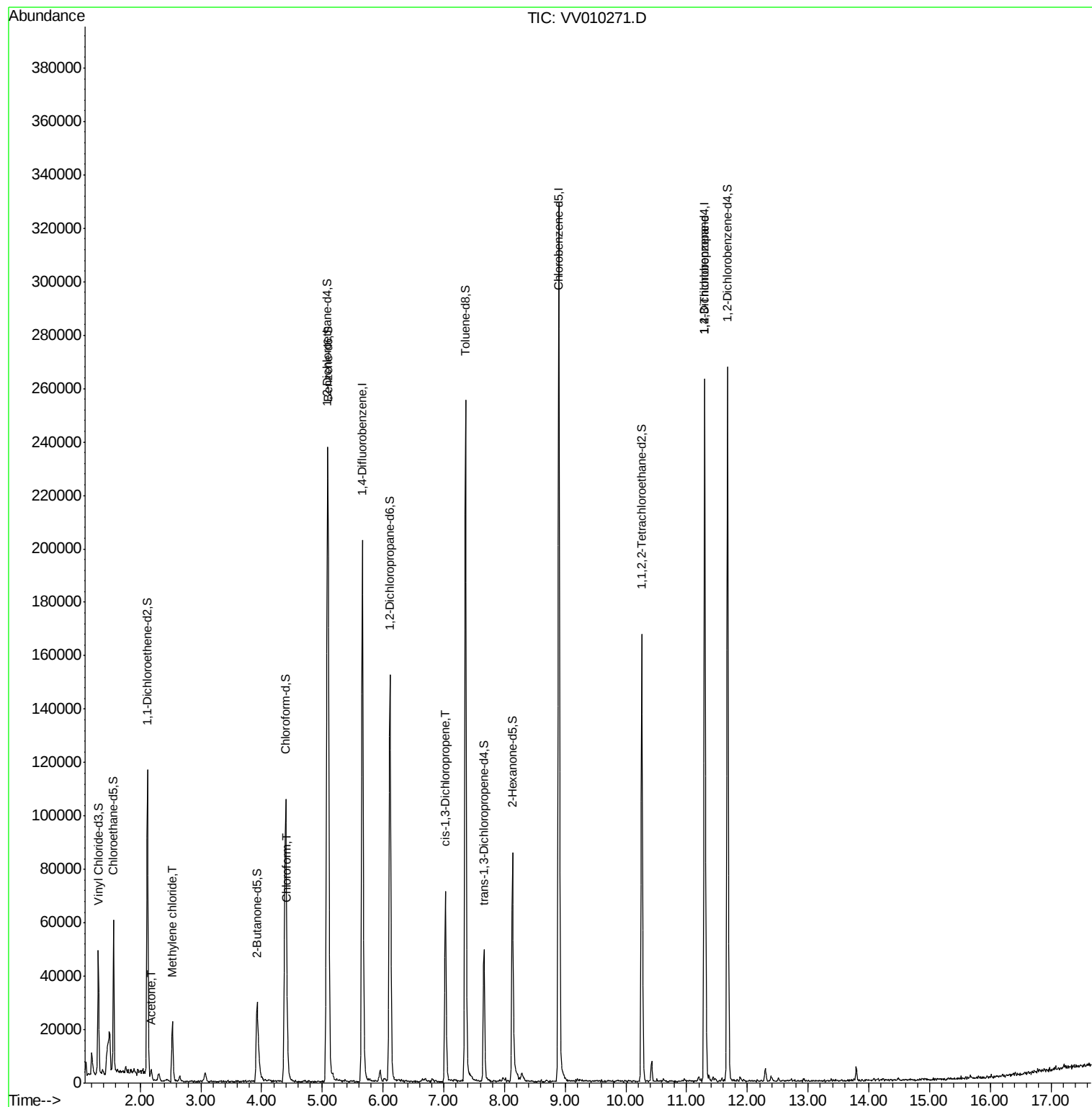
					Qvalue
13) Acetone	2.18	43	2923	5.355 ug/L	56
16) Methylene chloride	2.53	84	8965	2.610 ug/L	96
25) Chloroform	4.42	83	5297	1.233 ug/L #	38
42) cis-1,3-Dichloropropene	7.03	75	2276	0.670 ug/L #	61
59) 1,2,3-Trichloropropane	11.30	75	8427	4.871 ug/L	90

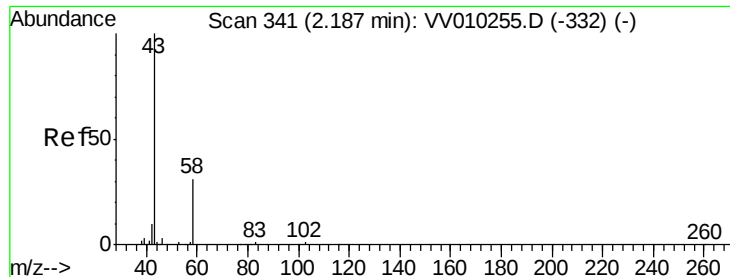
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 5.355 ug/L

RT: 2.18 min Scan# 340

Delta R.T. -0.00 min

Lab File: VV010271.D

Acq: 12 Apr 2019 04:57

Instrument :

MSVOA_V

ClientSampled :

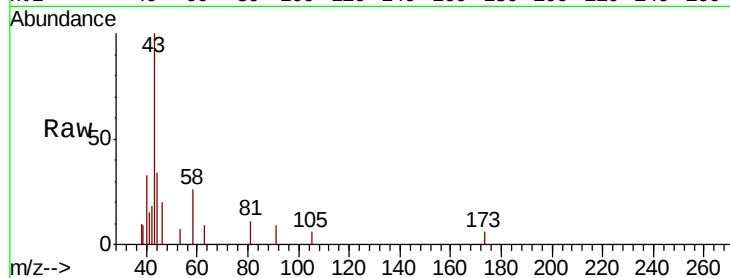
DB704

Tgt Ion: 43 Resp: 2923

Ion Ratio Lower Upper

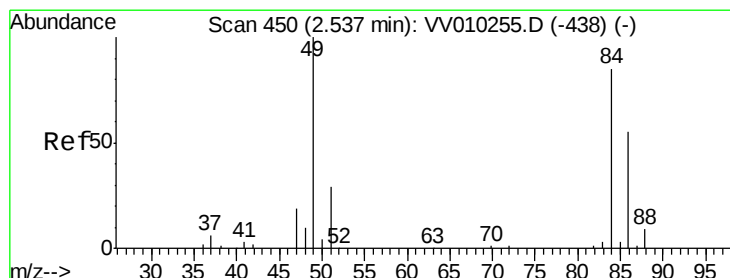
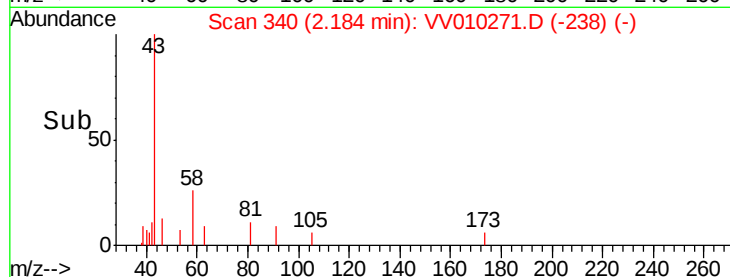
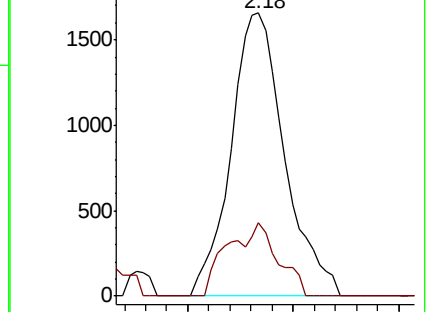
43 100

58 6.5 0.0 61.6



Abundance Ion 43.00 (42.70 to 43.70): VV010271.D (-340) (-)

Ion 58.00 (57.70 to 58.70): VV010271.D (-340) (-)



#16

Methylene chloride

Concen: 2.610 ug/L

RT: 2.53 min Scan# 448

Delta R.T. -0.01 min

Lab File: VV010271.D

Acq: 12 Apr 2019 04:57

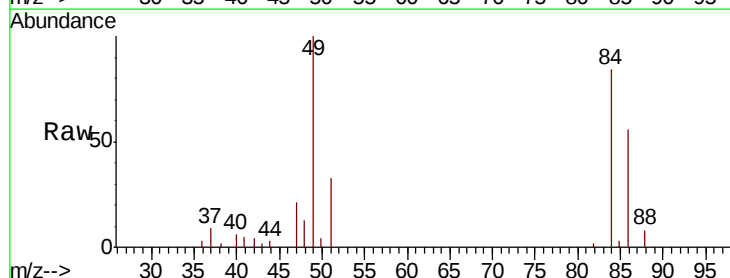
Tgt Ion: 84 Resp: 8965

Ion Ratio Lower Upper

84 100

49 119.2 79.9 148.5

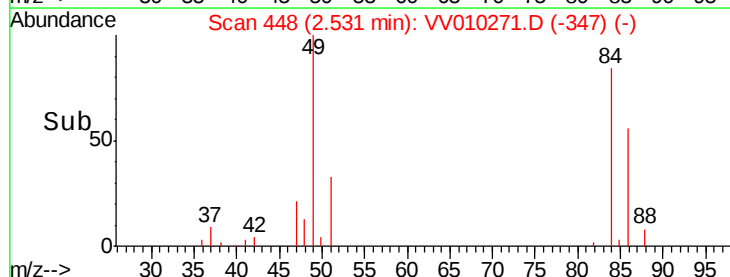
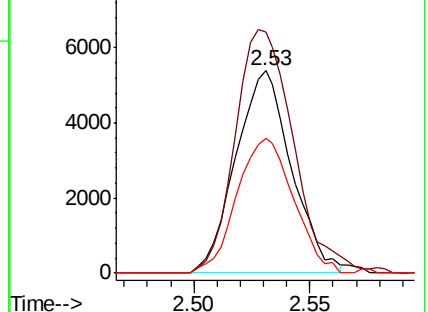
86 66.6 44.5 82.7

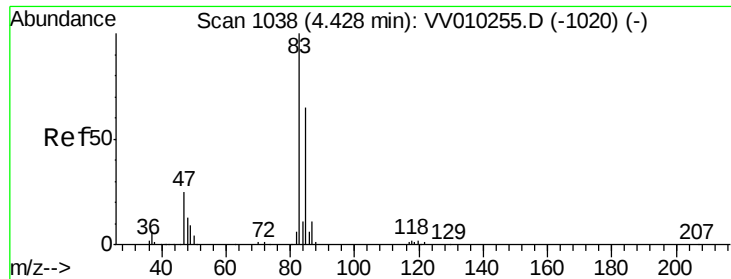


Abundance Ion 84.00 (83.70 to 84.70): VV010271.D (-347) (-)

Ion 49.00 (48.70 to 49.70): VV010271.D (-347) (-)

Ion 86.00 (85.70 to 86.70): VV010271.D (-347) (-)





#25

Chloroform

Concen: 1.233 ug/L

RT: 4.42 min Scan# 1037

Delta R.T. -0.00 min

Lab File: VV010271.D

Acq: 12 Apr 2019 04:57

Instrument :

MSVOA_V

ClientSampleId :

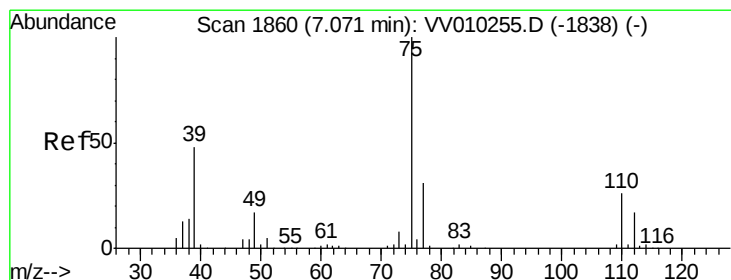
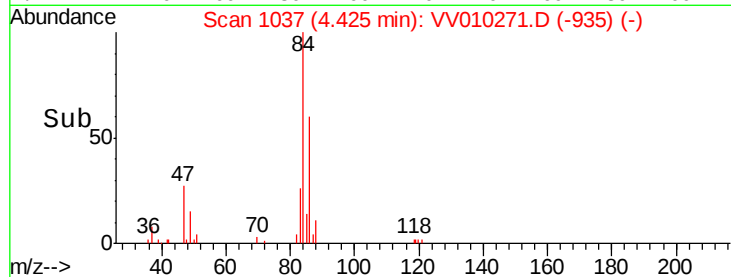
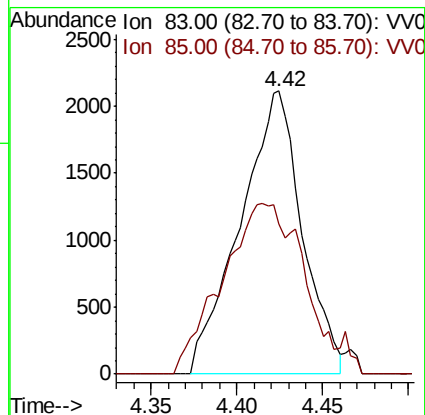
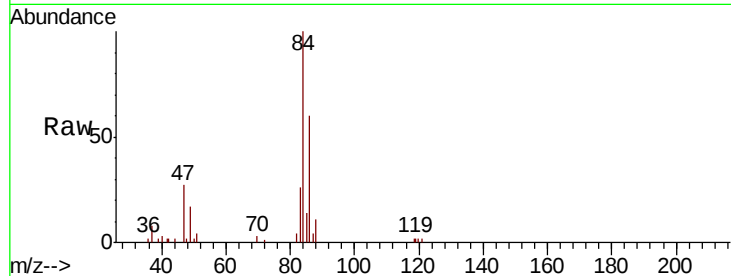
DB704

Tgt Ion: 83 Resp: 5297

Ion Ratio Lower Upper

83 100

85 15.7 45.4 84.2#



#42

cis-1,3-Dichloropropene

Concen: 0.670 ug/L

RT: 7.03 min Scan# 1848

Delta R.T. -0.04 min

Lab File: VV010271.D

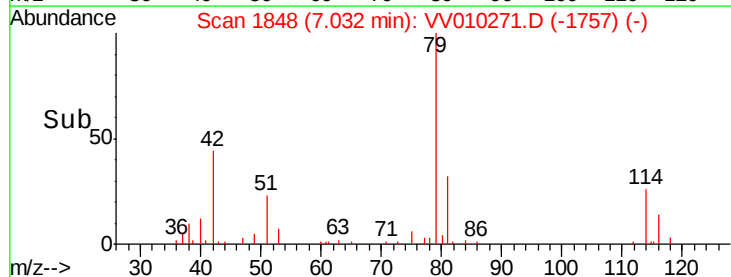
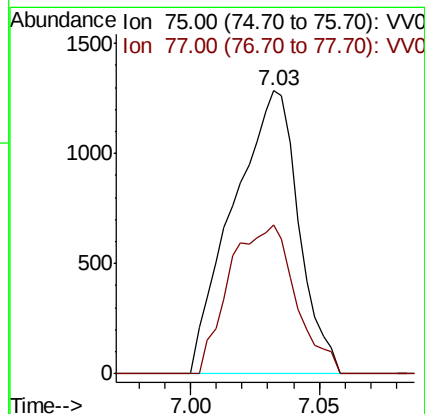
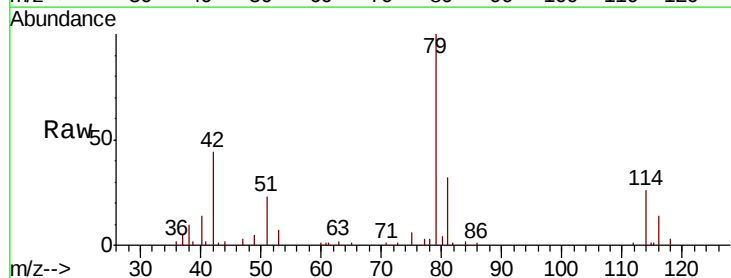
Acq: 12 Apr 2019 04:57

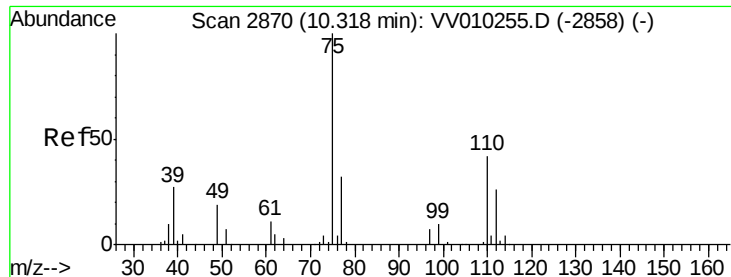
Tgt Ion: 75 Resp: 2276

Ion Ratio Lower Upper

75 100

77 52.6 21.9 40.7#





#59
 1,2,3-Trichloropropane
 Concen: 4.871 ug/L
 RT: 11.30 min Scan# 3175
 Delta R.T. 0.98 min
 Lab File: VV010271.D
 Acq: 12 Apr 2019 04:57

Instrument :
 MSVOA_V
 ClientSampleId :
 DB704

Tgt Ion: 75 Resp: 8427
 Ion Ratio Lower Upper
 75 100
 77 39.4 26.9 40.3

