

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV041119\
 Data File : VV010274.D
 Acq On : 12 Apr 2019 06:15
 Operator : SY/MD
 Sample : K2328-07
 Misc : 5.43G/10mL/MSVOA_V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 DB719

Quant Time: Apr 12 06:58:50 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	279697	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	266784	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	105419	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	45880	14.25	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	57.00%
7) Chloroethane-d5	1.56	69	54577	19.72	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	78.88%
10) 1,1-Dichloroethene-d2	2.12	63	96144	11.73	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	46.92%
20) 2-Butanone-d5	3.92	46	42846	52.59	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	105.18%
24) Chloroform-d	4.40	84	140944	22.07	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	88.28%
26) 1,2-Dichloroethane-d4	5.08	65	89922	24.72	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	98.88%
29) Benzene-d6	5.09	84	287963	22.39	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	89.56%
33) 1,2-Dichloropropane-d6	6.11	67	91707	23.97	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	95.88%
37) Toluene-d8	7.36	98	257830	20.55	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	82.20%
38) trans-1,3-Dichloropropene-	7.66	79	30318	19.00	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	76.00%
39) 2-Hexanone-d5	8.13	63	27804	42.07	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	84.14%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	75870	22.09	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	88.36%
61) 1,2-Dichlorobenzene-d4	11.68	152	90867	23.34	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	93.36%

Target Compounds

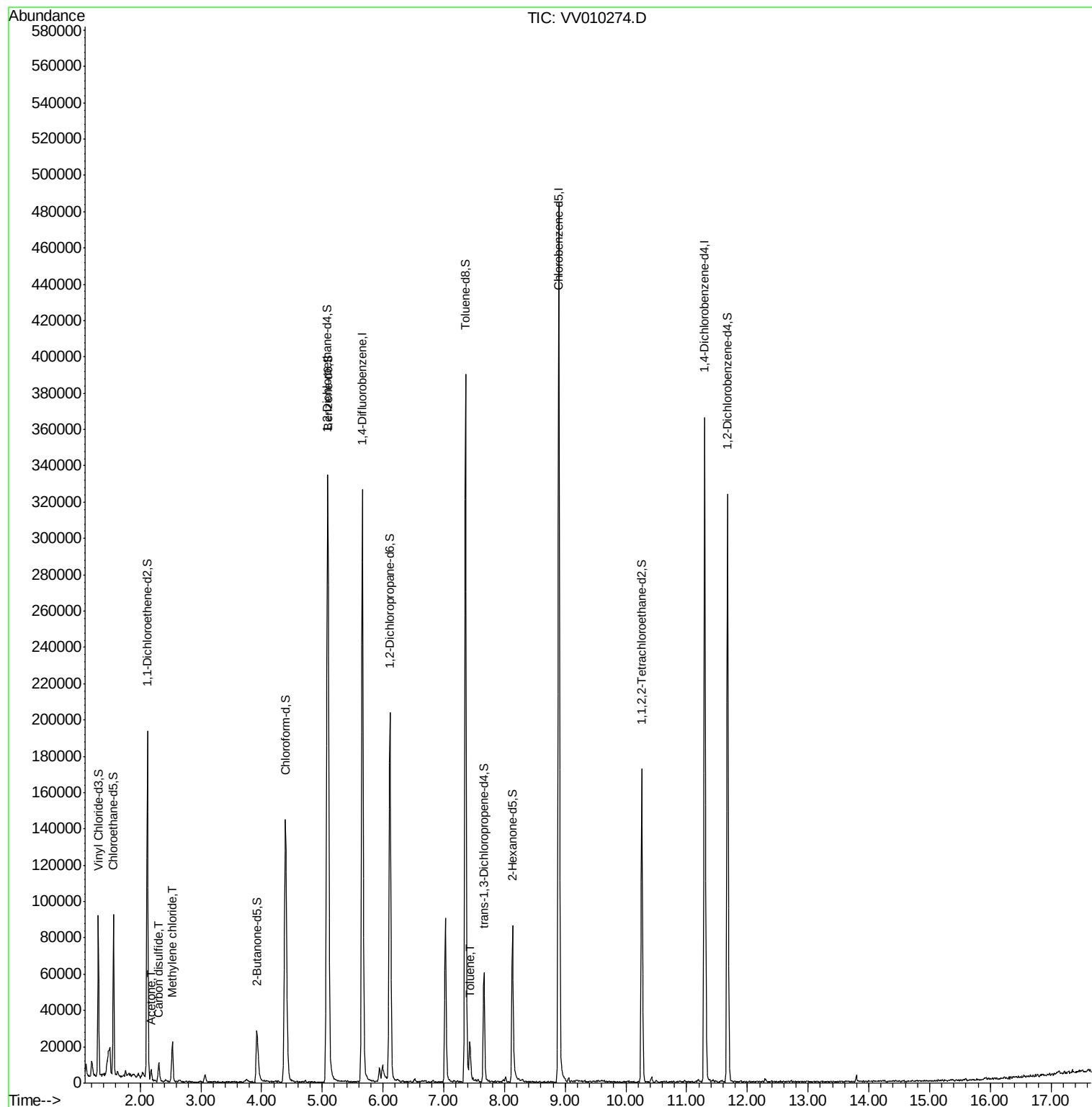
					Qvalue
13) Acetone	2.18	43	3759	4.318 ug/L	99
14) Carbon disulfide	2.31	76	6968	0.782 ug/L	96
16) Methylene chloride	2.53	84	9412	1.718 ug/L	97
44) Toluene	7.43	91	14782	0.972 ug/L	99

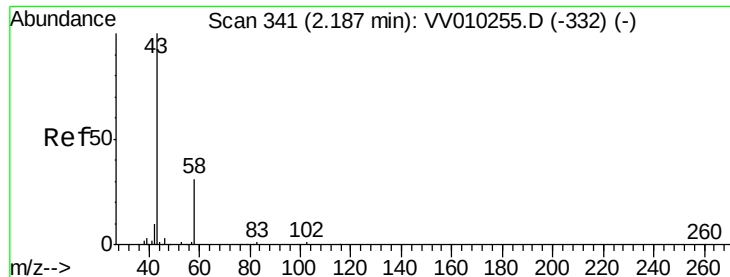
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 4.318 ug/L

RT: 2.18 min Scan# 339

Delta R.T. -0.01 min

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Instrument :

MSVOA_V

ClientSampleID :

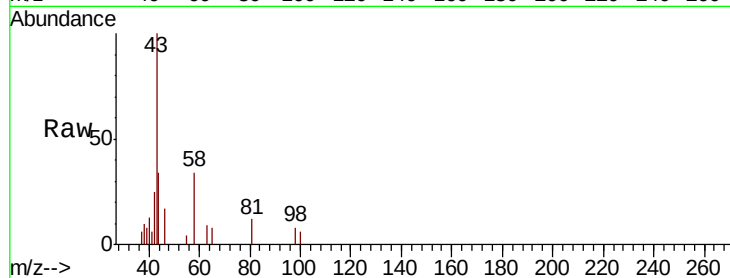
DB719

Tgt Ion: 43 Resp: 3759

Ion Ratio Lower Upper

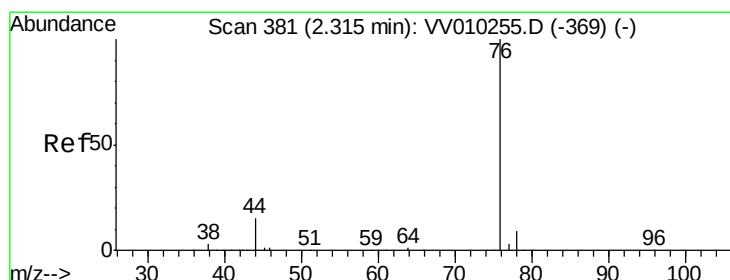
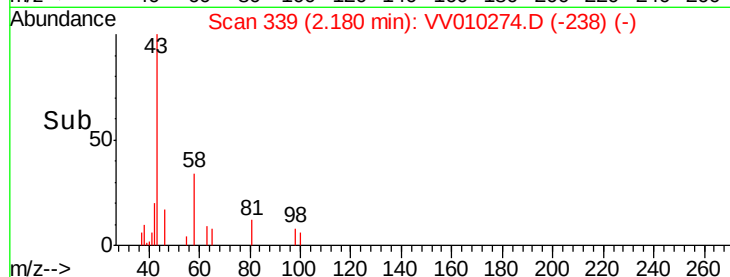
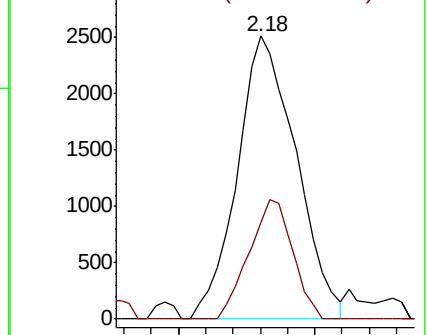
43 100

58 31.4 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) (-)



#14

Carbon disulfide

Concen: 0.782 ug/L

RT: 2.31 min Scan# 379

Delta R.T. -0.01 min

Lab File: VV010274.D

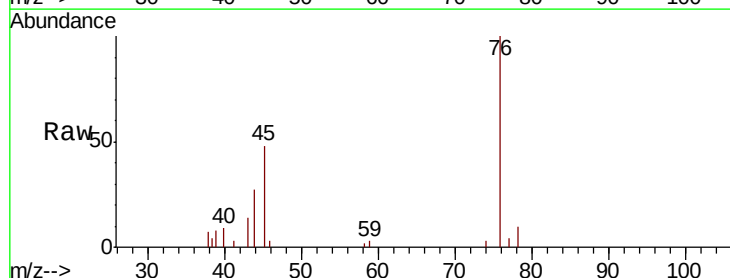
Acq: 12 Apr 2019 06:15

Tgt Ion: 76 Resp: 6968

Ion Ratio Lower Upper

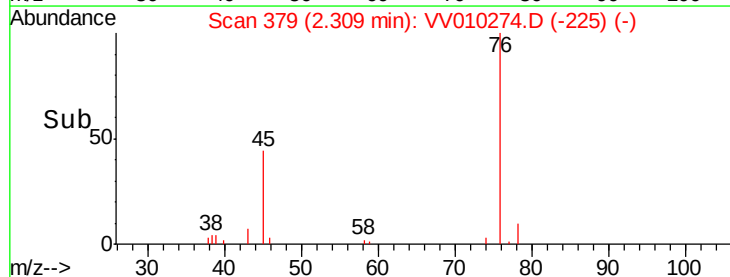
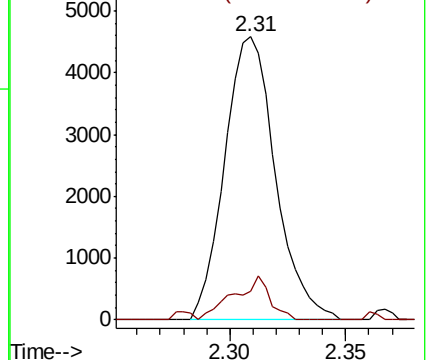
76 100

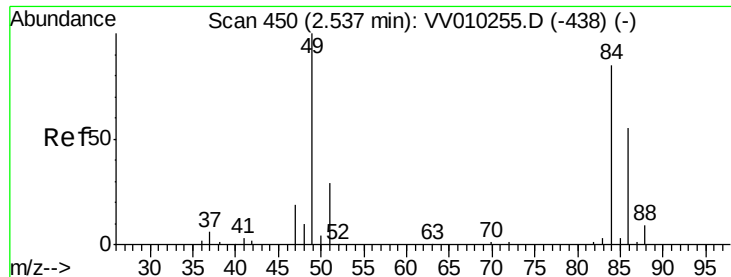
78 10.0 7.0 10.4



Abundance Ion 76.00 (75.70 to 76.70): VV010255.D (-369) (-)

Ion 78.00 (77.70 to 78.70): VV010255.D (-369) (-)

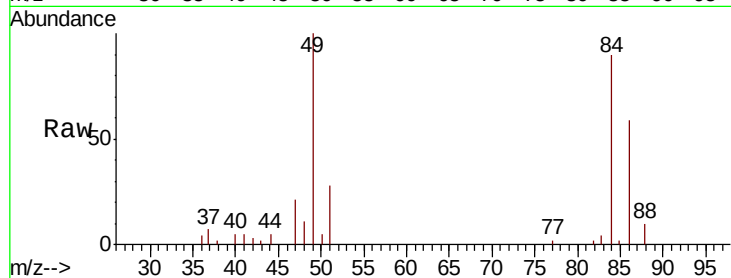




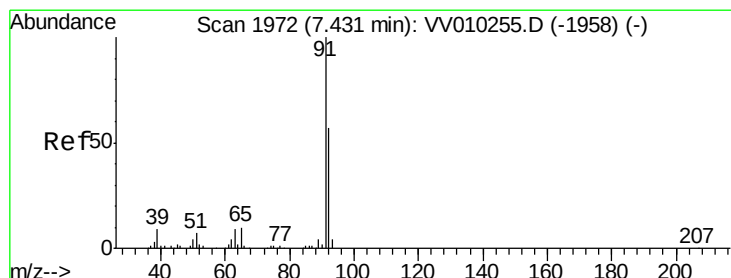
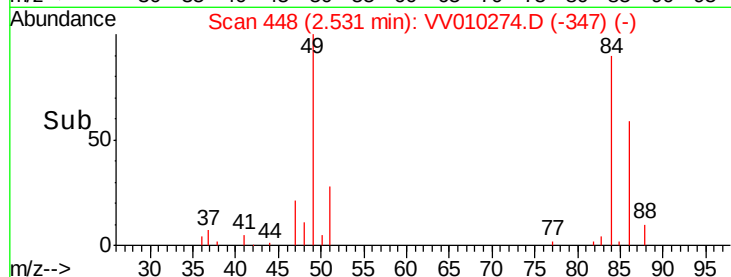
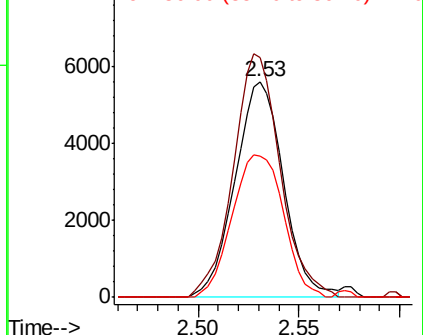
#16
Methylene chloride
Concen: 1.718 ug/L
RT: 2.53 min Scan# 448
Delta R.T. -0.01 min
Lab File: VV010274.D
Acq: 12 Apr 2019 06:15

Instrument :
MSVOA_V
ClientSampleId :
DB719

Tgt Ion: 84 Resp: 9412
Ion Ratio Lower Upper
84 100
49 111.2 79.9 148.5
86 65.4 44.5 82.7

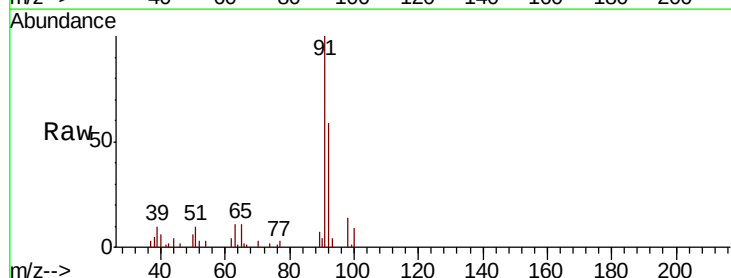


Abundance Ion 84.00 (83.70 to 84.70): VV0
Ion 49.00 (48.70 to 49.70): VV0
Ion 86.00 (85.70 to 86.70): VV0



#44
Toluene
Concen: 0.972 ug/L
RT: 7.43 min Scan# 1971
Delta R.T. -0.00 min
Lab File: VV010274.D
Acq: 12 Apr 2019 06:15

Tgt Ion: 91 Resp: 14782
Ion Ratio Lower Upper
91 100
92 59.3 41.0 76.2



Abundance Ion 91.00 (90.70 to 91.70): VV0
Ion 92.00 (91.70 to 92.70): VV0

