

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV053019\
 Data File : VV011162.D
 Acq On : 31 May 2019 05:12
 Operator : SY/MD
 Sample : K3017-09RE
 Misc : 2.79G/10ML/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 A51E2RE

Quant Time: May 31 08:52:46 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM053019S.M
 Quant Title : VOC Analysis
 QLast Update : Fri May 31 08:21:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	321379	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	201709	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	35160	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	112547	25.88	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	103.52%
7) Chloroethane-d5	1.55	69	94899	28.39	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	113.56%
10) 1,1-Dichloroethene-d2	2.11	63	162094	18.16	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	72.64%
20) 2-Butanone-d5	3.93	46	100074	62.97	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	125.94%
24) Chloroform-d	4.39	84	208591	26.55	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	106.20%
26) 1,2-Dichloroethane-d4	5.07	65	131230	25.63	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	102.52%
29) Benzene-d6	5.09	84	423586	38.67	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	154.68%#
33) 1,2-Dichloropropane-d6	6.11	67	136208	38.81	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	155.24%#
37) Toluene-d8	7.36	98	337259	32.63	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	130.52%#
38) trans-1,3-Dichloropropene-	7.66	79	48097	30.28	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	121.12%
39) 2-Hexanone-d5	8.13	63	64149	80.42	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	160.84%#
48) 1,1,2,2-Tetrachloroethane-	10.26	84	69159	21.86	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	87.44%
61) 1,2-Dichlorobenzene-d4	11.67	152	28680	21.80	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	87.20%

Target Compounds

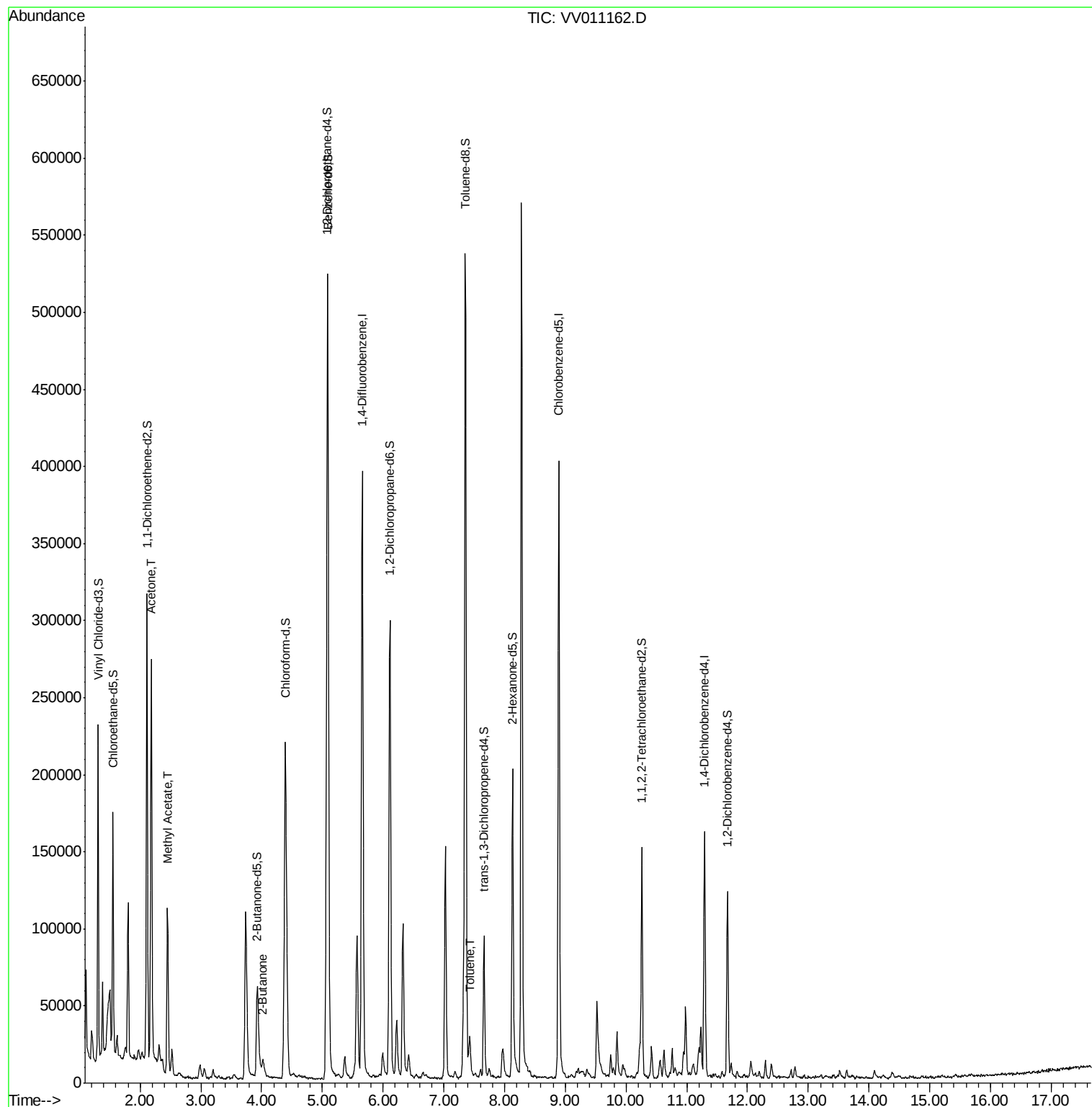
					Ovalue
13) Acetone	2.18	43	252972	136.826	ug/L 100
15) Methyl Acetate	2.45	43	115570	41.542	ug/L 98
21) 2-Butanone	4.02	43	15649	7.215	ug/L 91
44) Toluene	7.43	91	14292	1.095	ug/L 93

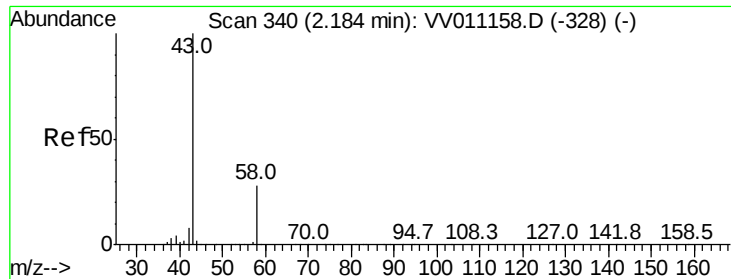
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 136.826 ug/L

RT: 2.18 min Scan# 340

Delta R.T. -0.00 min

Lab File: VV011162.D

Acq: 31 May 2019 05:12

Instrument :

MSVOA_V

ClientSampleId :

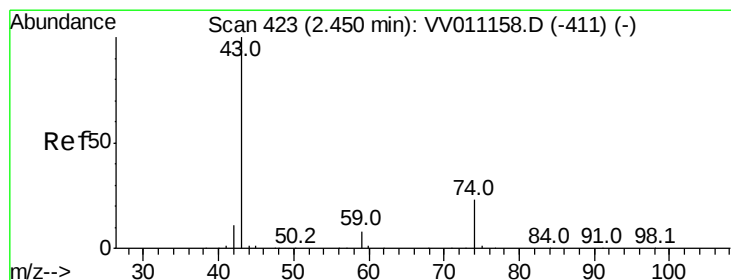
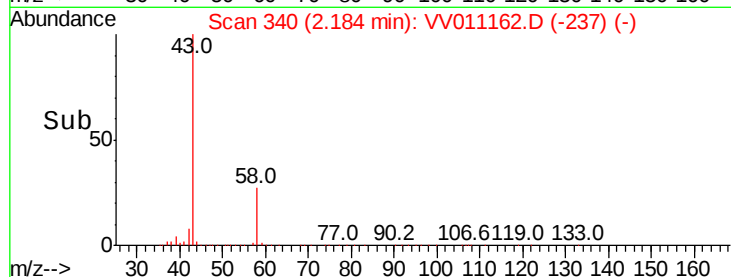
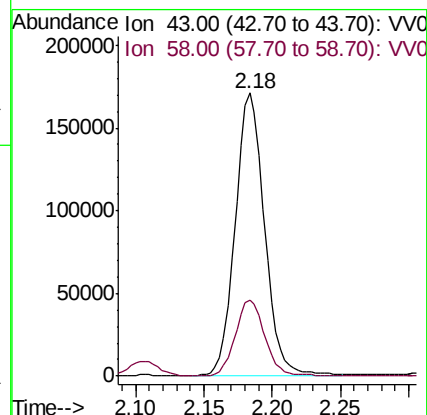
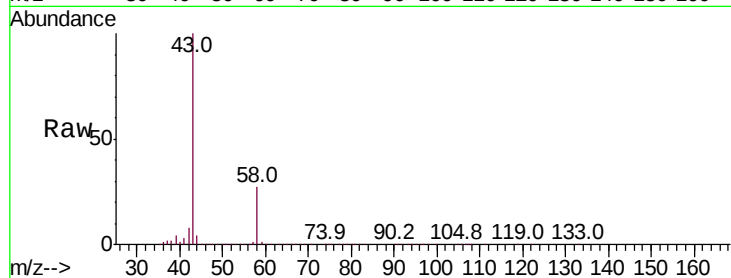
A51E2RE

Tot Ion: 43 Resp: 252972

Ion Ratio Lower Upper

43 100

58 27.0 0.0 53.8



#15

Methyl Acetate

Concen: 41.542 ug/L

RT: 2.45 min Scan# 423

Delta R.T. -0.00 min

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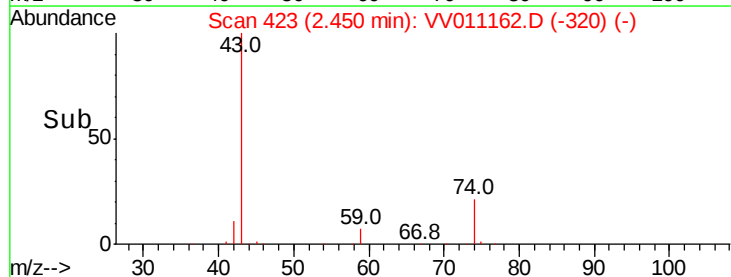
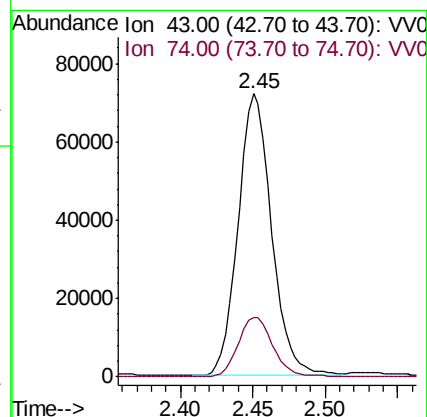
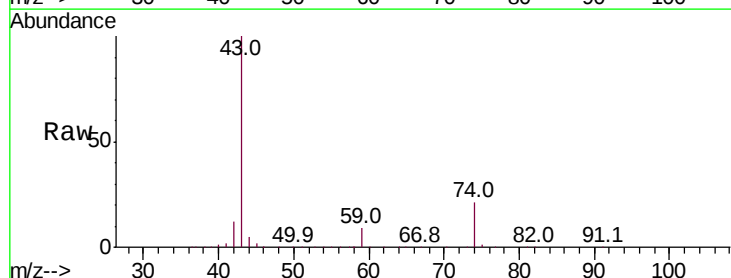
Acq: 31 May 2019 05:12

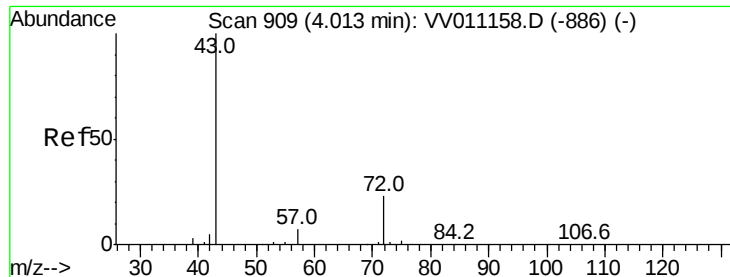
Tgt Ion: 43 Resp: 115570

Ion Ratio Lower Upper

43 100

74 21.4 16.2 24.4





#21

2-Butanone

Concen: 7.215 ug/L

RT: 4.02 min Scan# 911

Delta R.T. 0.01 min

Lab File: VV011162.D

Acq: 31 May 2019 05:12

Instrument :

MSVOA_V

ClientSampleId :

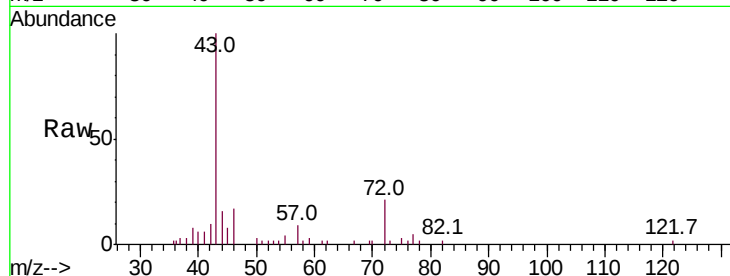
A51E2RE

Tot Ion: 43 Resp: 15649

Ion Ratio Lower Upper

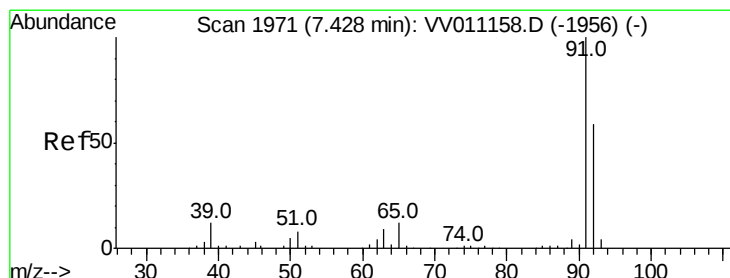
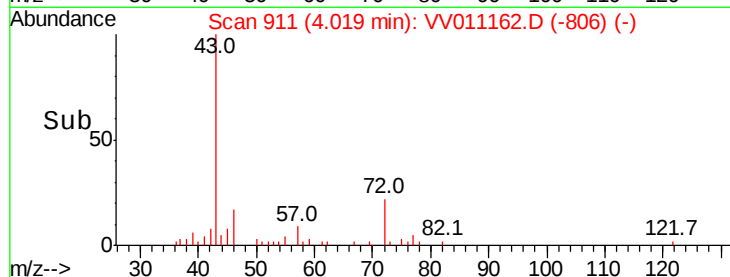
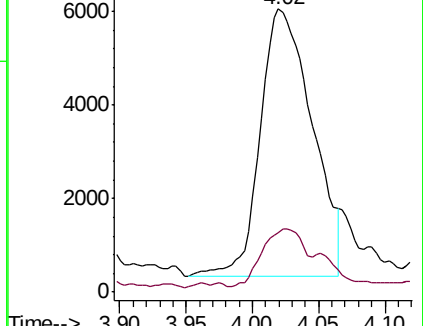
43 100

72 17.7 11.1 33.3



Abundance Ion 43.00 (42.70 to 43.70): VV011158.D (-886) (-)

Ion 72.00 (71.70 to 72.70): VV011158.D (-886) (-)



#44

Toluene

Concen: 1.095 ug/L

RT: 7.43 min Scan# 1972

Delta R.T. 0.00 min

Lab File: VV011162.D

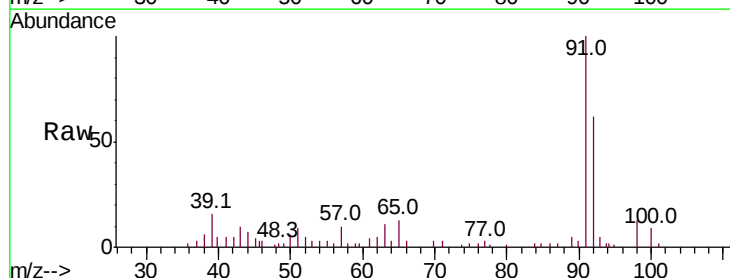
Acq: 31 May 2019 05:12

Tgt Ion: 91 Resp: 14292

Ion Ratio Lower Upper

91 100

92 62.4 39.9 74.1



Abundance Ion 91.00 (90.70 to 91.70): VV011158.D (-1956) (-)

Ion 92.00 (91.70 to 92.70): VV011158.D (-1956) (-)

