

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV053119\
 Data File : VV011190.D
 Acq On : 31 May 2019 21:58
 Operator : SY/MD
 Sample : K3017-20RE
 Misc : 3.46G/10ML/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 A51F1RE

Quant Time: Jun 02 21:16:10 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM053019S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jun 01 00:27:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	314565	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	241144	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	65881	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	94832	22.28	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.12%
7) Chloroethane-d5	1.56	69	79555	24.31	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	97.24%
10) 1,1-Dichloroethene-d2	2.12	63	155853	17.84	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	71.36%
20) 2-Butanone-d5	3.93	46	77987	50.13	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	100.26%
24) Chloroform-d	4.39	84	200659	26.10	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	104.40%
26) 1,2-Dichloroethane-d4	5.08	65	124705	24.89	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	99.56%
29) Benzene-d6	5.09	84	394963	30.16	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	120.64%
33) 1,2-Dichloropropane-d6	6.11	67	129472	30.86	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	123.44%#
37) Toluene-d8	7.36	98	329008	26.63	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	106.52%
38) trans-1,3-Dichloropropene-	7.66	79	47037	24.77	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	99.08%
39) 2-Hexanone-d5	8.13	63	53376	55.97	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	111.94%
48) 1,1,1,2,2-Tetrachloroethane-	10.26	84	82283	21.76	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	87.04%
61) 1,2-Dichlorobenzene-d4	11.67	152	54154	21.97	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	87.88%

Target Compounds

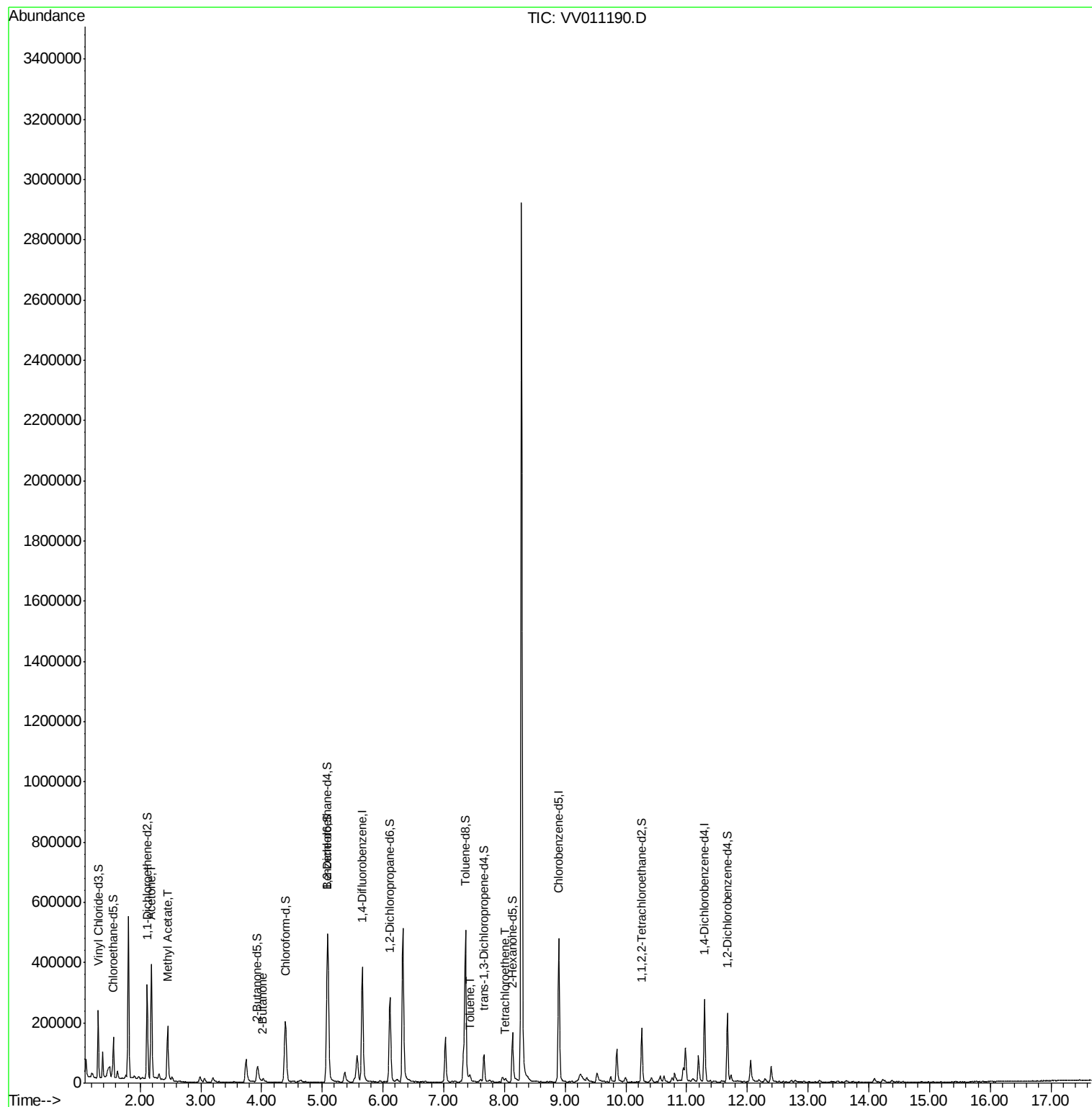
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	2.18	43	369709	204.297	ug/L	99
15) Methyl Acetate	2.45	43	185970	68.295	ug/L	98
21) 2-Butanone	4.03	43	14974	7.053	ug/L	95
44) Toluene	7.43	91	12712	0.815	ug/L	98
47) Tetrachloroethene	8.02	164	1672	0.602	ug/L	88

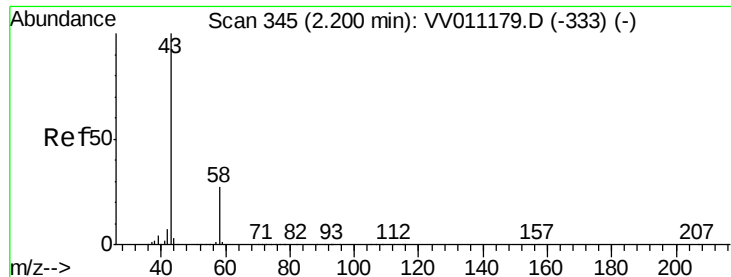
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Jun 01 00:27:53 2019
Response via : Initial Calibration





#13

Acetone

Concen: 204.297 ug/L

RT: 2.18 min Scan# 340

Delta R.T. -0.02 min

Lab File: VV011190.D

Acq: 31 May 2019 21:58

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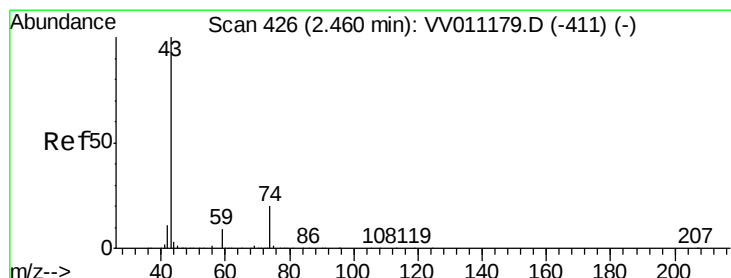
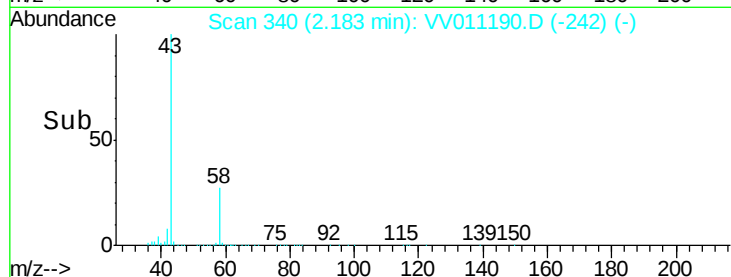
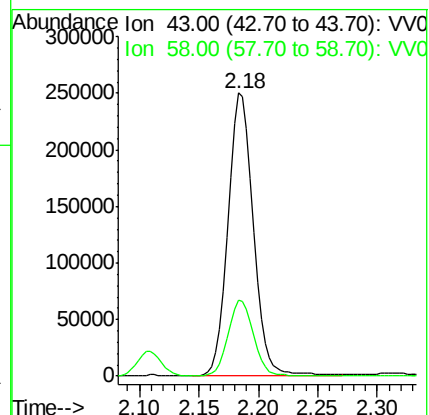
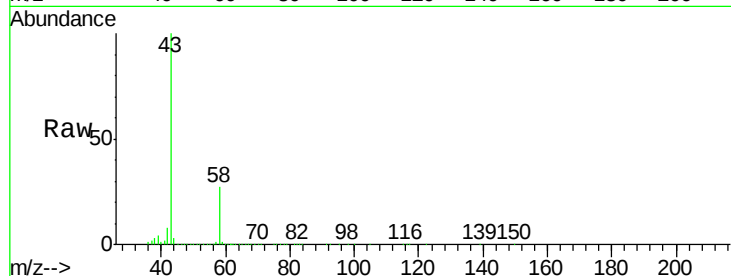
A51F1RE

Tot Ion: 43 Resp: 369709

Ion Ratio Lower Upper

43 100

58 26.4 0.0 53.8



#15

Methyl Acetate

Concen: 68.295 ug/L

RT: 2.45 min Scan# 424

Delta R.T. -0.01 min

Lab File: VV011190.D

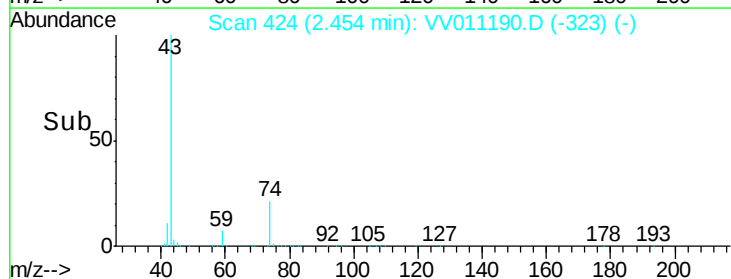
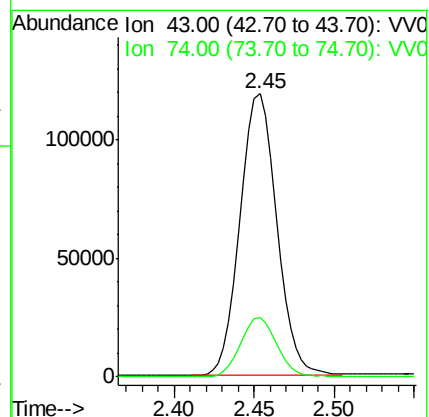
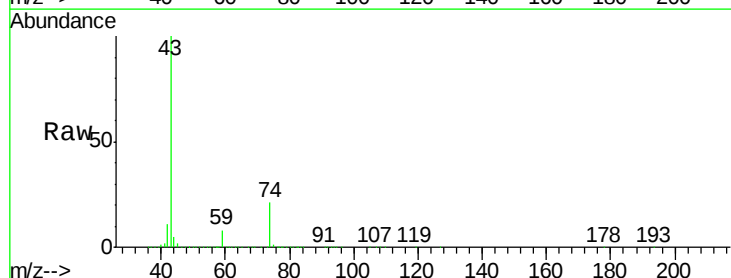
Acq: 31 May 2019 21:58

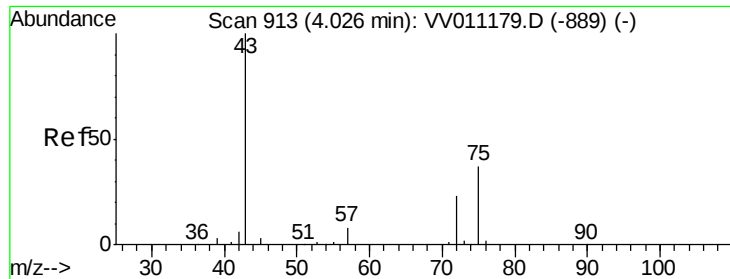
Tgt Ion: 43 Resp: 185970

Ion Ratio Lower Upper

43 100

74 21.0 16.2 24.4





#21

2-Butanone

Concen: 7.053 ug/L

RT: 4.03 min Scan# 913

Delta R.T. -0.00 min

Lab File: VV011190.D

Acq: 31 May 2019 21:58

Instrument :

MSVOA_V

ClientSampleId :

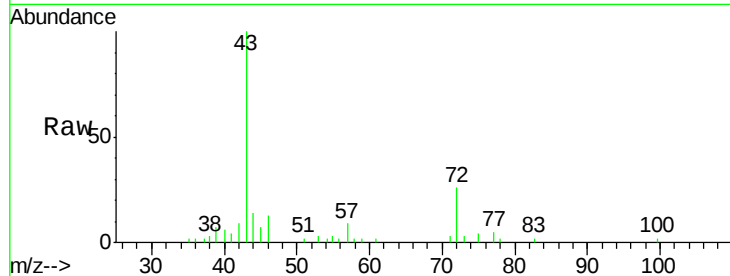
A51F1RE

Tot Ion: 43 Resp: 14974

Ion Ratio Lower Upper

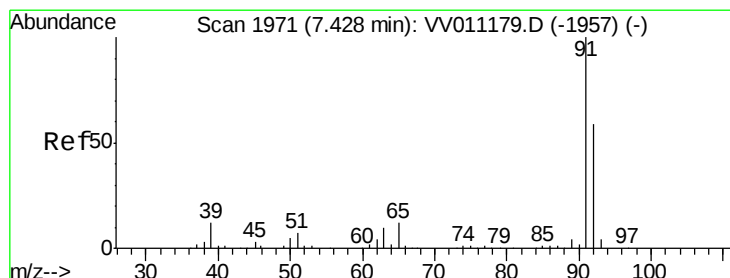
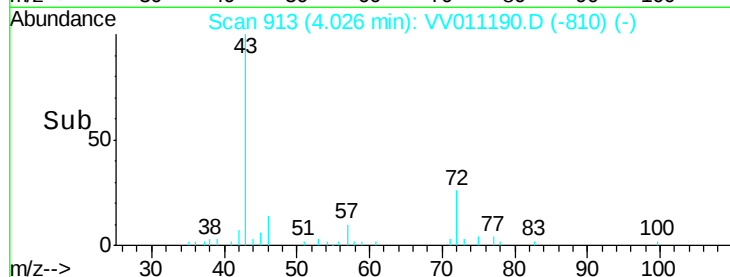
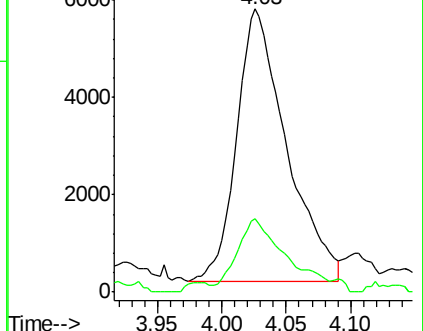
43 100

72 24.5 11.1 33.3



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 72.00 (71.70 to 72.70): VV0



#44

Toluene

Concen: 0.815 ug/L

RT: 7.43 min Scan# 1972

Delta R.T. 0.00 min

Lab File: VV011190.D

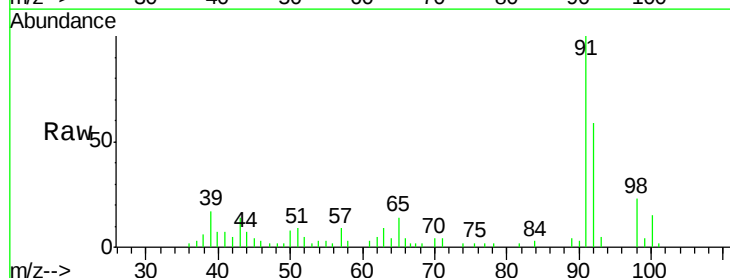
Acq: 31 May 2019 21:58

Tgt Ion: 91 Resp: 12712

Ion Ratio Lower Upper

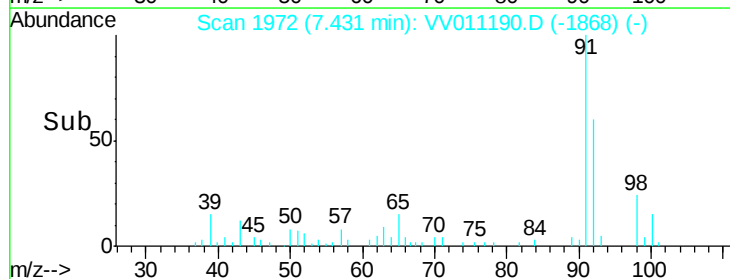
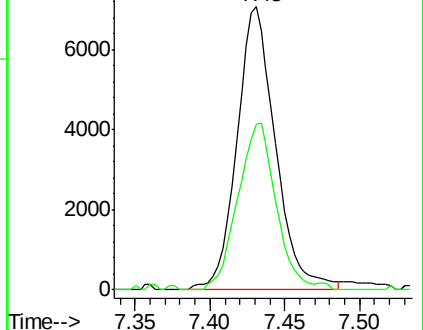
91 100

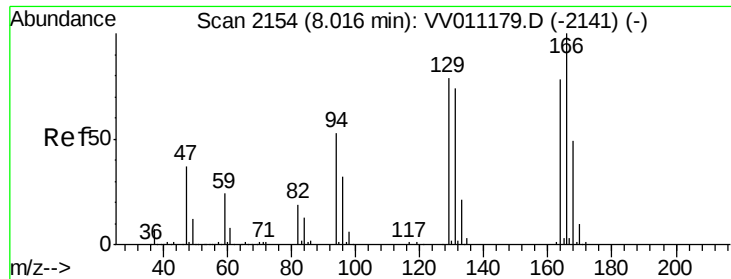
92 58.6 39.9 74.1



Abundance Ion 91.00 (90.70 to 91.70): VV0

Ion 92.00 (91.70 to 92.70): VV0





#47
 Tetrachloroethene
 Concen: 0.602 ug/L
 RT: 8.02 min Scan# 2154
 Delta R.T. -0.00 min
 Lab File: VV011190.D
 Acq: 31 May 2019 21:58

Instrument :
 MSVOA_V
 ClientSampleId :
 A51F1RE

Tot Ion:	164	Resp:	1672
Ion	Ratio	Lower	Upper
164	100		
129	78.4	69.1	128.3
131	92.7	65.5	121.6
166	118.4	93.2	173.0

