

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV041119\
 Data File : VV010262.D
 Acq On : 12 Apr 2019 01:02
 Operator : SY/MD
 Sample : K2354-03
 Misc : 5.70G/10mL/MSVOA_V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BF158

Quant Time: Apr 12 04:48:54 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	225116	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	173582	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	51691	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	44180	17.05	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	68.20%
7) Chloroethane-d5	1.54	69	52615	23.63	ug/L	-0.03
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.52%
10) 1,1-Dichloroethene-d2	2.11	63	70407	10.67	ug/L	-0.02
Spiked Amount	25.000	Range	45 - 110	Recovery	=	42.68%#
20) 2-Butanone-d5	3.93	46	11427	17.43	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	34.86%
24) Chloroform-d	4.39	84	91509	17.80	ug/L	-0.01
Spiked Amount	25.000	Range	40 - 150	Recovery	=	71.20%
26) 1,2-Dichloroethane-d4	5.07	65	72660	24.82	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	99.28%
29) Benzene-d6	5.09	84	209451	25.02	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	100.08%
33) 1,2-Dichloropropane-d6	6.11	67	71175	28.59	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	114.36%
37) Toluene-d8	7.36	98	174854	21.42	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	85.68%
38) trans-1,3-Dichloropropene-	7.66	79	11408	10.99	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	43.96%
39) 2-Hexanone-d5	8.13	63	8777	20.41	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	40.82%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	62703	28.06	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	112.24%
61) 1,2-Dichlorobenzene-d4	11.68	152	41659	21.82	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	87.28%

Target Compounds

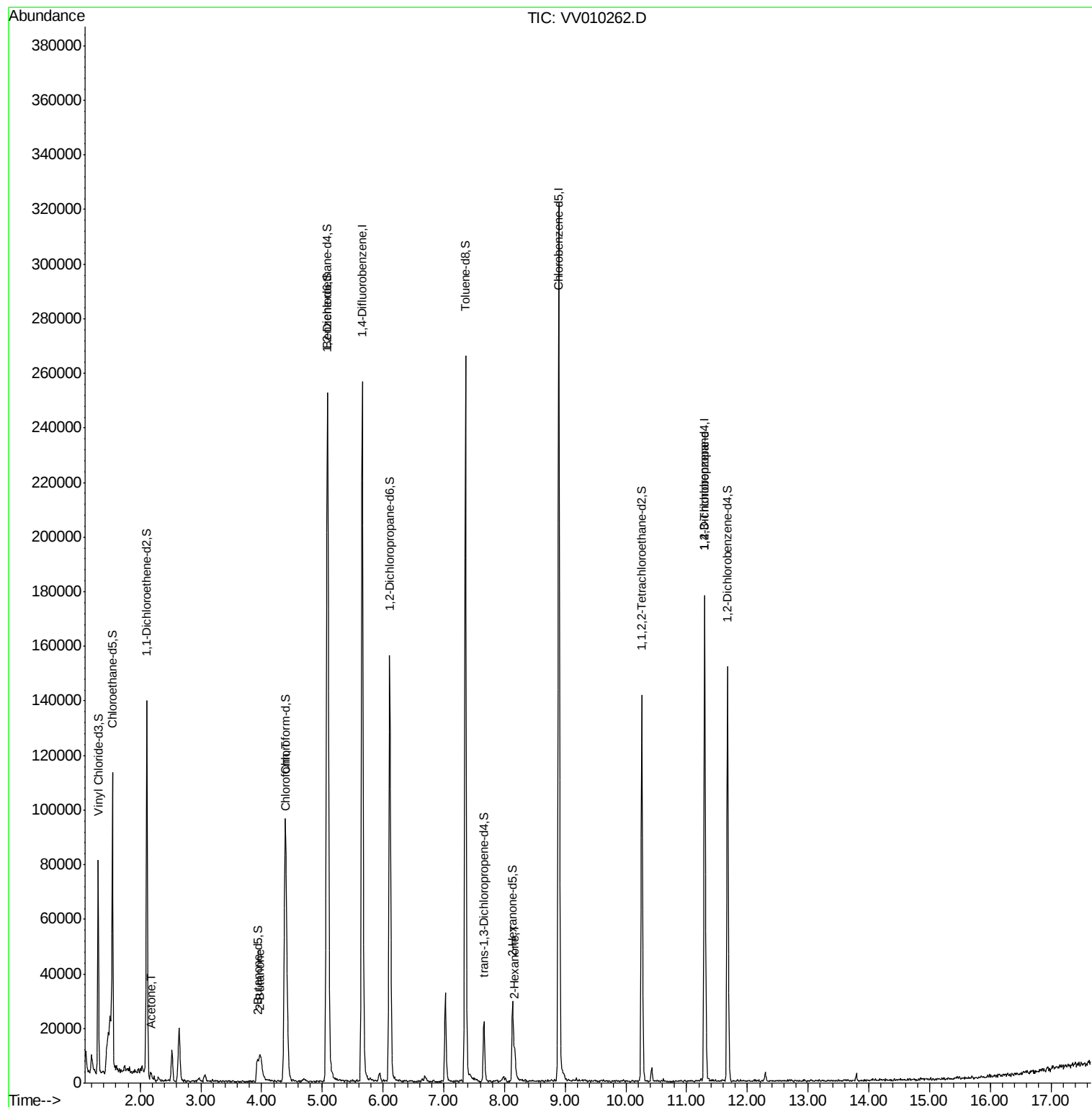
					Qvalue
13) Acetone	2.19	43	1818	2.595 ug/L	98
21) 2-Butanone	3.99	43	12990	16.255 ug/L #	49
25) Chloroform	4.41	83	24788	4.495 ug/L	94
49) 2-Hexanone	8.17	43	6355	6.936 ug/L #	42
59) 1,2,3-Trichloropropane	11.30	75	6781	4.082 ug/L	100

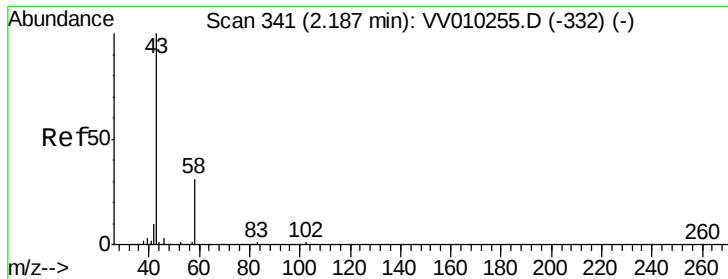
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Apr 12 04:45:26 2019
Response via : Initial Calibration





#13

Acetone

Concen: 2.595 ug/L

RT: 2.19 min Scan# 341

Delta R.T. 0.00 min

Lab File: VV010262.D

Acq: 12 Apr 2019 01:02

Instrument :

MSVOA_V

ClientSampled :

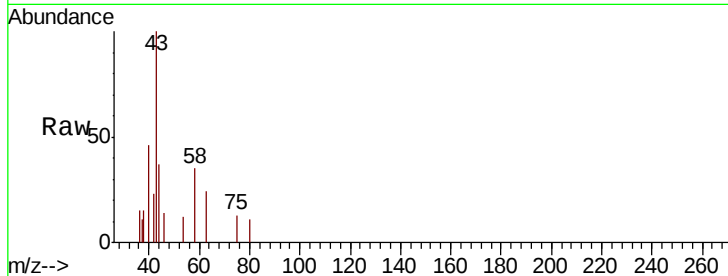
BF158

Tgt Ion: 43 Resp: 1818

Ion Ratio Lower Upper

43 100

58 29.6 0.0 61.6

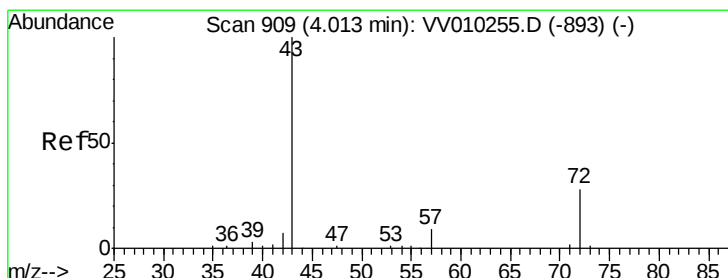
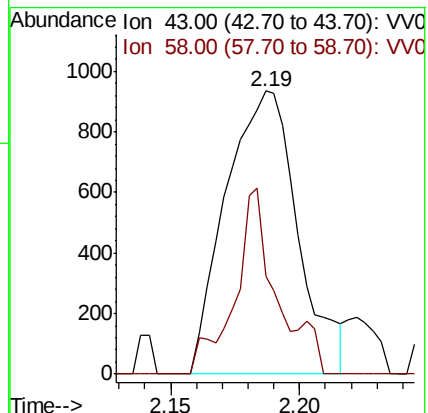
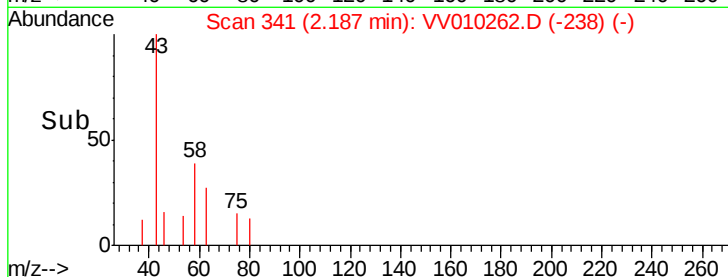


Abundance Ion 43.00 (42.70 to 43.70): VV010255.D (-332) (-)

Ion 58.00 (57.70 to 58.70): VV010255.D (-332) (-)

2.19

Time-->



#21

2-Butanone

Concen: 16.255 ug/L

RT: 3.99 min Scan# 901

Delta R.T. -0.03 min

Lab File: VV010262.D

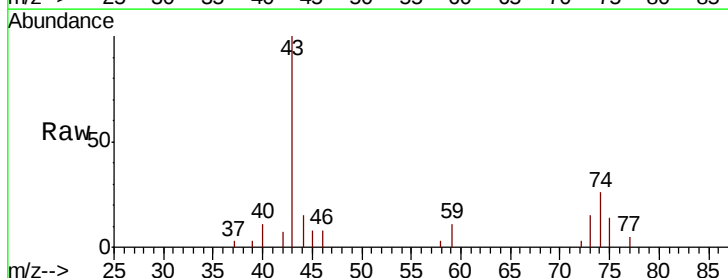
Acq: 12 Apr 2019 01:02

Tgt Ion: 43 Resp: 12990

Ion Ratio Lower Upper

43 100

72 0.3 13.5 40.4#

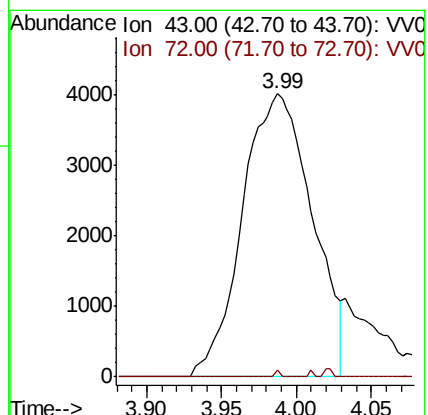
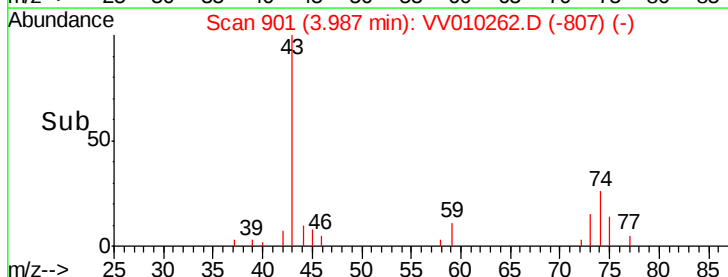


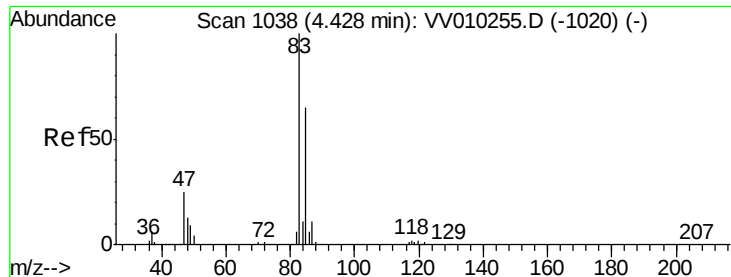
Abundance Ion 43.00 (42.70 to 43.70): VV010255.D (-893) (-)

Ion 72.00 (71.70 to 72.70): VV010255.D (-893) (-)

3.99

Time-->

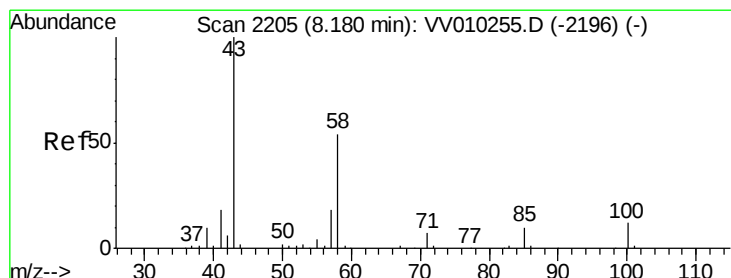
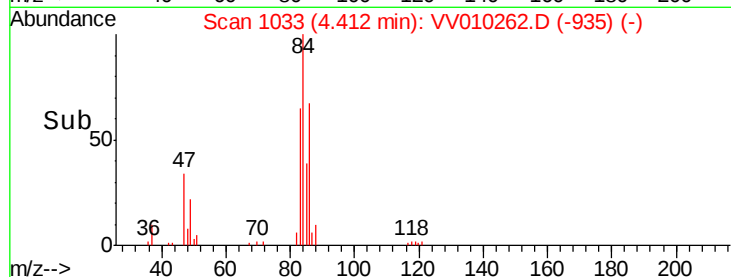
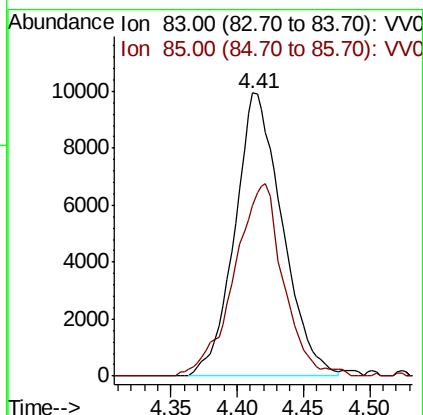
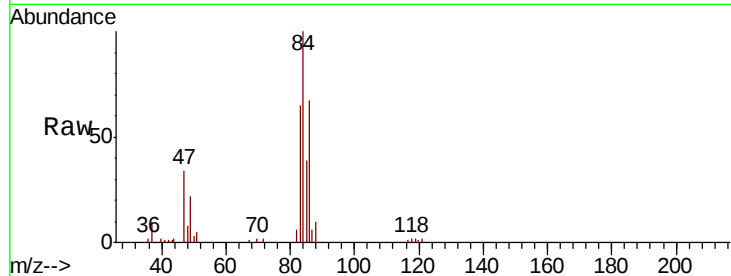




#25
Chloroform
Concen: 4.495 ug/L
RT: 4.41 min Scan# 1033
Delta R.T. -0.02 min
Lab File: VV010262.D
Acq: 12 Apr 2019 01:02

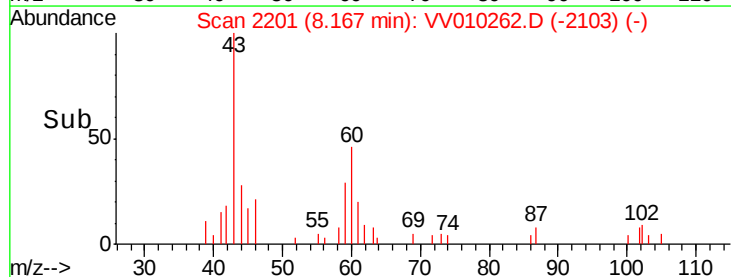
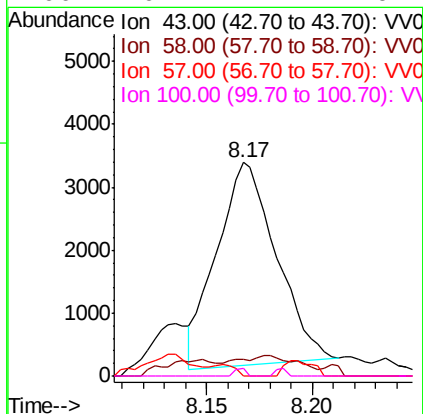
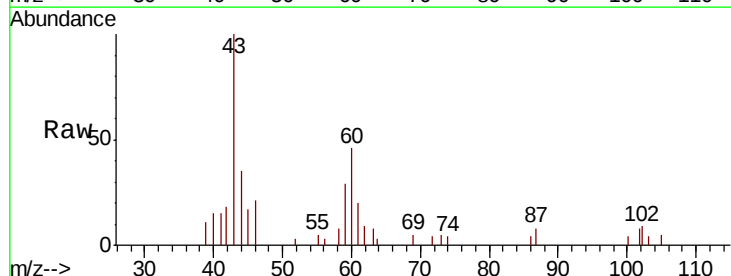
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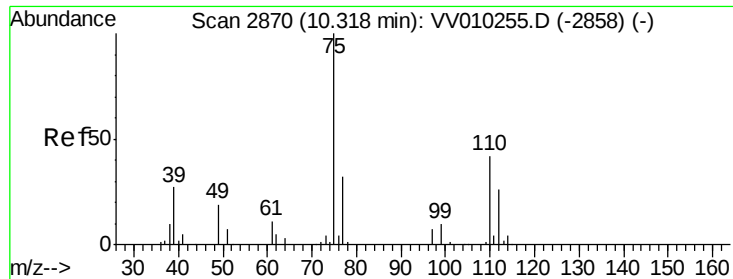
Tgt Ion: 83 Resp: 24788
Ion Ratio Lower Upper
83 100
85 69.4 45.4 84.2



#49
2-Hexanone
Concen: 6.936 ug/L
RT: 8.17 min Scan# 2201
Delta R.T. -0.02 min
Lab File: VV010262.D
Acq: 12 Apr 2019 01:02

Tgt Ion: 43 Resp: 6355
Ion Ratio Lower Upper
43 100
58 3.1 42.8 64.2#
57 0.0 16.2 24.4#
100 0.7 11.1 16.7#





#59

1,2,3-Trichloropropane

Concen: 4.082 ug/L

RT: 11.30 min Scan# 3174

Delta R.T. 0.98 min

Lab File: VV010262.D

Acq: 12 Apr 2019 01:02

Instrument :

MSVOA_V

ClientSampleId :

BF158

Tgt Ion: 75 Resp: 6781

Ion Ratio Lower Upper

75 100

77 33.4 26.9 40.3

