

Data File : VV011083.D
Acq On : 29 May 2019 01:57
Operator : SY/MD
Sample : VV0528SBL02
Misc : 5.00G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VBLK64

Quant Time: May 29 04:09:35 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM052819S.M
Quant Title : VOC Analysis
QLast Update : Wed May 29 04:06:12 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	447037	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	418141	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	177105	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	142827	23.30	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.20%
7) Chloroethane-d5	1.55	69	112549	25.73	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	102.92%
10) 1,1-Dichloroethene-d2	2.11	63	218315	19.15	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	76.60%
20) 2-Butanone-d5	3.93	46	124248	58.82	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	117.64%
24) Chloroform-d	4.39	84	298420	27.53	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	110.12%
26) 1,2-Dichloroethane-d4	5.07	65	195532	28.21	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	112.84%
29) Benzene-d6	5.09	84	662644	27.07	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	108.28%
33) 1,2-Dichloropropane-d6	6.11	67	217577	27.93	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	111.72%
37) Toluene-d8	7.36	98	594771	26.35	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	105.40%
38) trans-1,3-Dichloropropene-	7.66	79	91145	25.12	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	100.48%
39) 2-Hexanone-d5	8.13	63	89785	52.91	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	105.82%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	180692	26.98	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	107.92%
61) 1,2-Dichlorobenzene-d4	11.67	152	186119	26.58	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	106.32%

Target Compounds

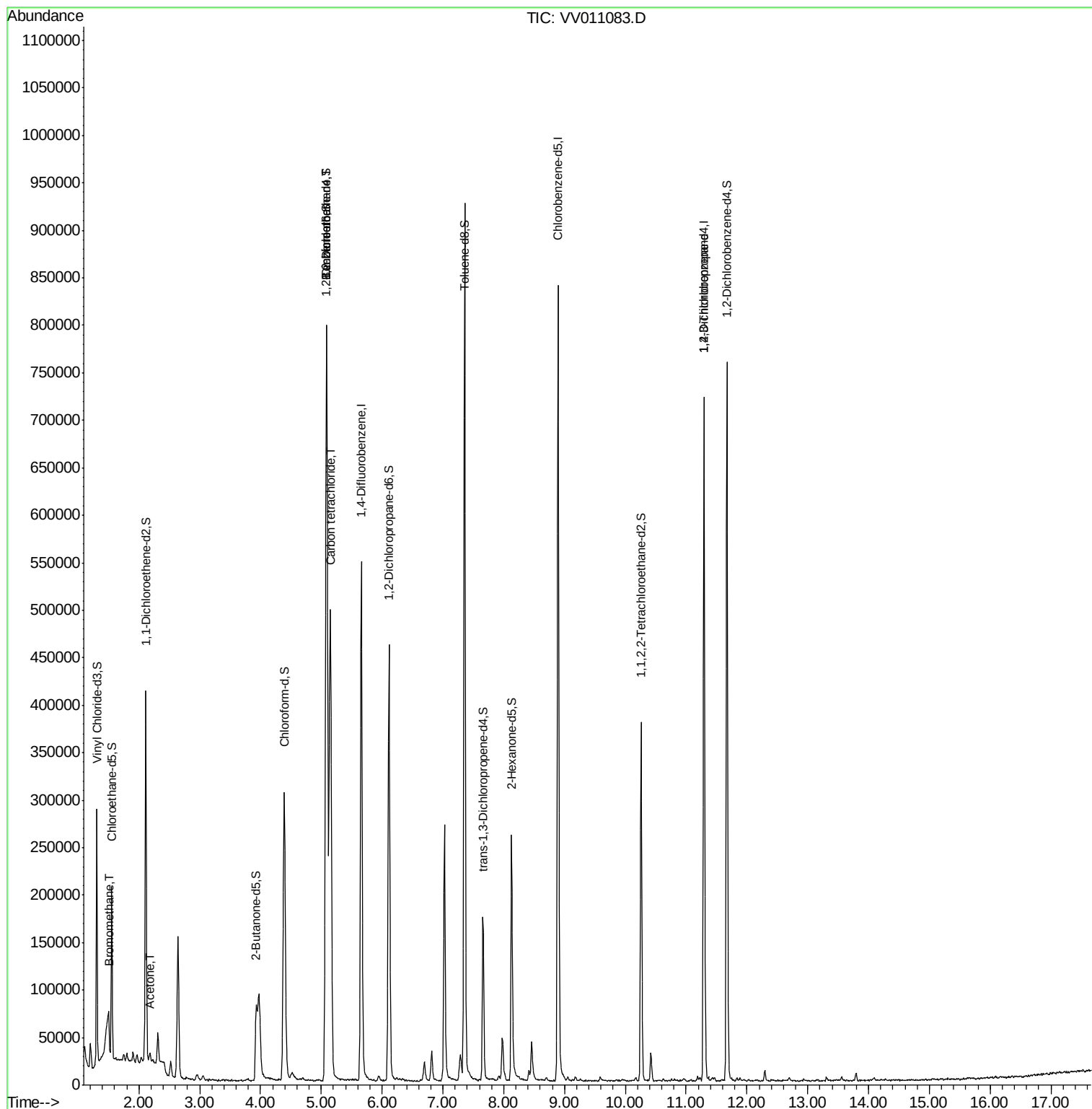
					Qvalue
6) Bromomethane	1.51	94	2269	0.793 ug/L	72
13) Acetone	2.18	43	6362	2.659 ug/L	98
27) 1,2-Dichloroethane	5.09	62	4301	0.524 ug/L	97
32) Carbon tetrachloride	5.15	117	7768	0.953 ug/L #	17
59) 1,2,3-Trichloropropane	11.29	75	26047	5.180 ug/L	89

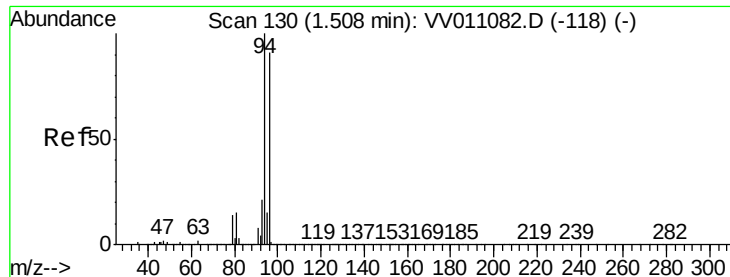
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Bromomethane

Concen: 0.793 ug/L

RT: 1.51 min Scan# 129

Delta R.T. -0.00 min

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MSVOA_V

ClientSampleId :

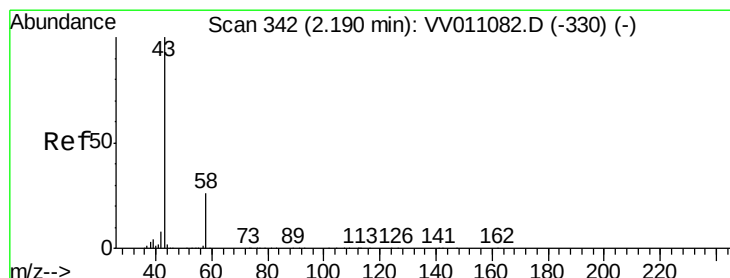
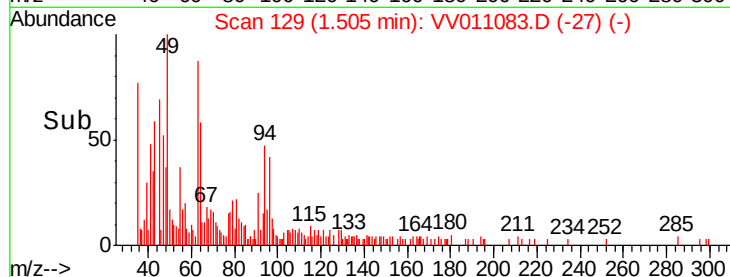
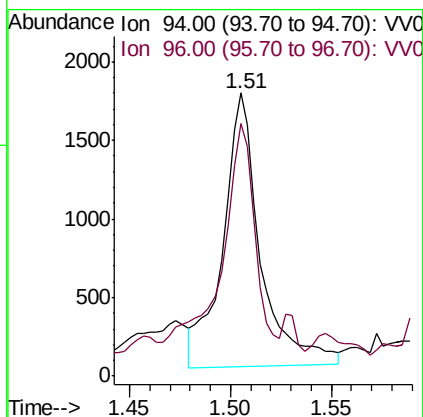
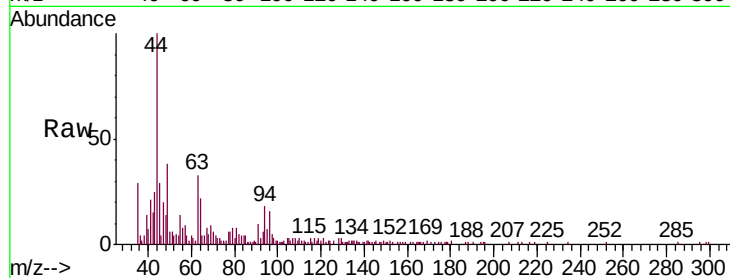
VBLK64

Tgt Ion: 94 Resp: 2269

Ion Ratio Lower Upper

94 100

96 67.4 9.5 179.7



#13

Acetone

Concen: 2.659 ug/L

RT: 2.18 min Scan# 340

Delta R.T. -0.01 min

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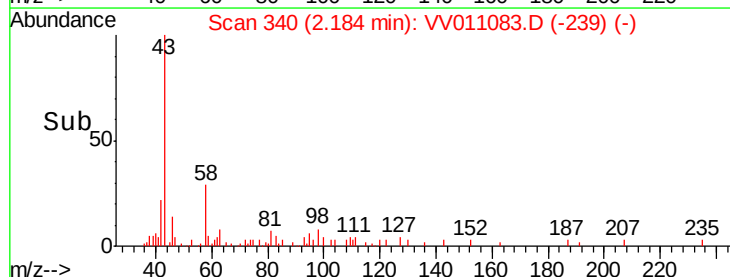
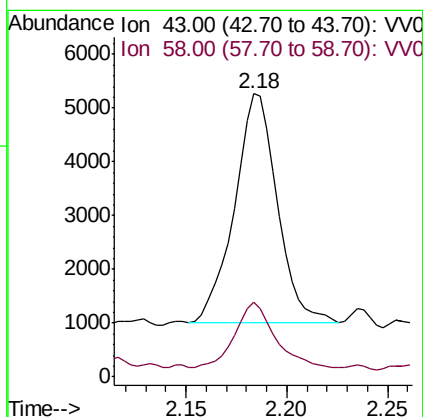
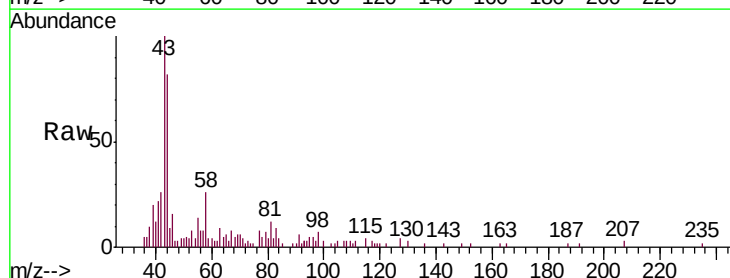
Acq: 29 May 2019 01:57

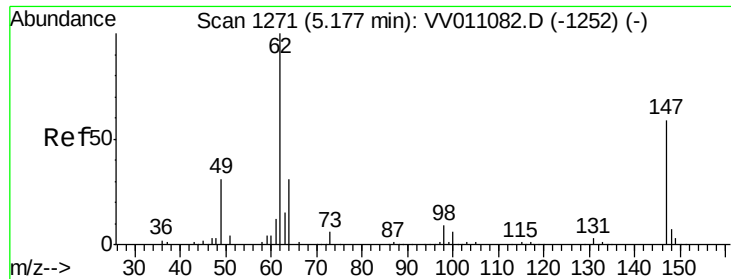
Tgt Ion: 43 Resp: 6362

Ion Ratio Lower Upper

43 100

58 28.2 0.0 54.8

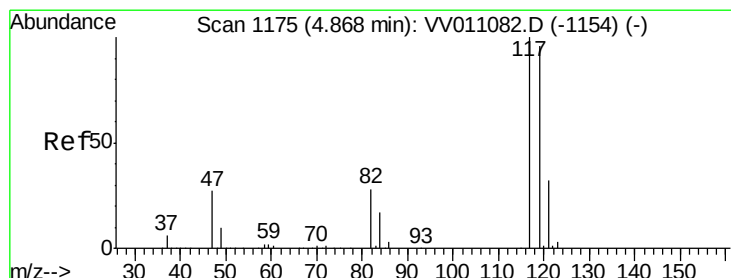
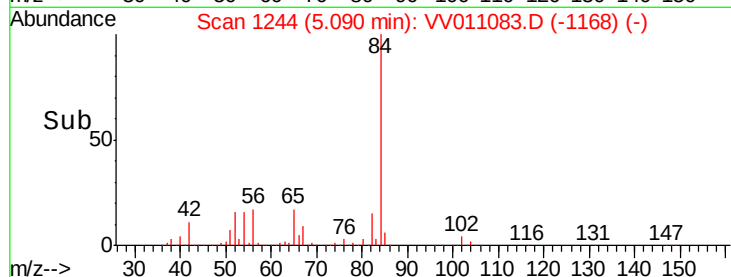
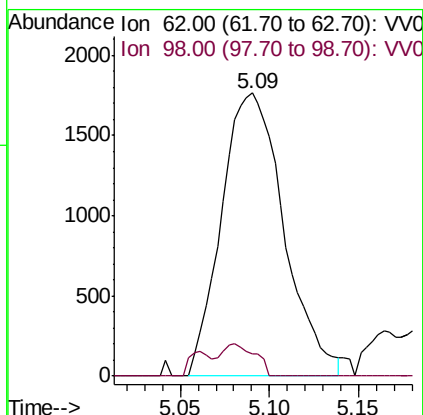
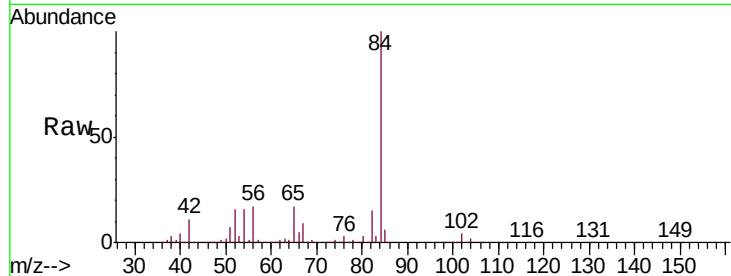




#27
 1,2-Dichloroethane
 Concen: 0.524 ug/L
 RT: 5.09 min Scan# 1244
 Delta R.T. -0.09 min
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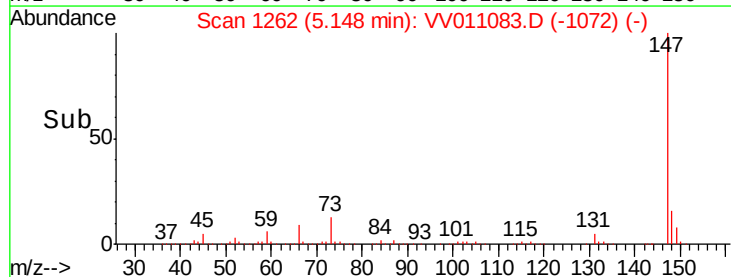
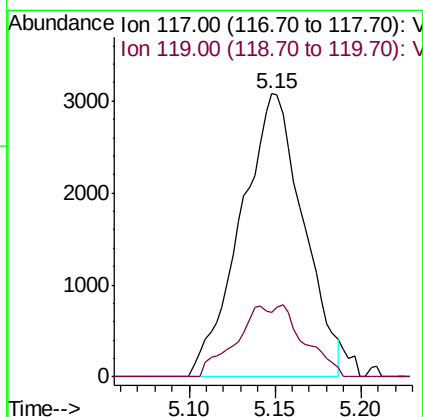
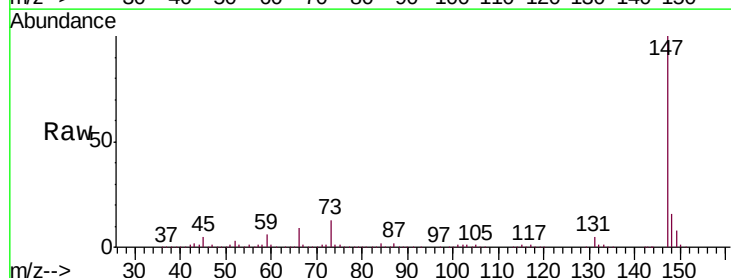
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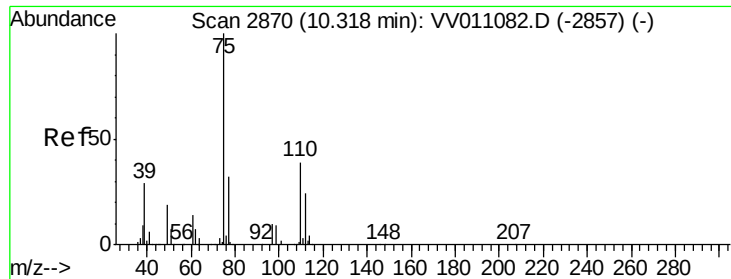
Tgt Ion: 62 Resp: 4301
 Ion Ratio Lower Upper
 62 100
 98 8.0 7.4 11.0



#32
 Carbon tetrachloride
 Concen: 0.953 ug/L
 RT: 5.15 min Scan# 1262
 Delta R.T. 0.28 min
 Lab File: VV011083.D
 Acq: 29 May 2019 01:57

Tgt Ion: 117 Resp: 7768
 Ion Ratio Lower Upper
 117 100
 119 14.8 76.6 115.0#





#59
 1,2,3-Trichloropropane
 Concen: 5.180 ug/L
 RT: 11.29 min Scan# 3173
 Delta R.T. 0.97 min
 Lab File: VV011083.D
 Acq: 29 May 2019 01:57

Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK64

Tgt Ion: 75 Resp: 26047
 Ion Ratio Lower Upper
 75 100
 77 37.7 25.4 38.0

