

Data File : VV009898.D
Acq On : 26 Mar 2019 17:18
Operator : SY/MD
Sample : K2083-12
Misc : 6.32G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BF0H9

Quant Time: Mar 27 01:47:19 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM032619S.M
Quant Title : VOC Analysis
QLast Update : Wed Mar 27 01:42:27 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	169855	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	168244	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	69354	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	83417	24.20	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	96.80%
7) Chloroethane-d5	1.58	69	90120	24.21	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	96.84%
10) 1,1-Dichloroethene-d2	2.13	63	182251	19.33	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	77.32%
20) 2-Butanone-d5	3.93	46	27127	42.23	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	84.46%
24) Chloroform-d	4.40	84	101020	23.34	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	93.36%
26) 1,2-Dichloroethane-d4	5.08	65	63560	24.41	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	97.64%
29) Benzene-d6	5.10	84	230239	26.06	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	104.24%
33) 1,2-Dichloropropane-d6	6.12	67	66528	25.74	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	102.96%
37) Toluene-d8	7.36	98	209231	25.02	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	100.08%
38) trans-1,3-Dichloropropene-	7.66	79	22119	20.92	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	83.68%
39) 2-Hexanone-d5	8.13	63	20542	42.58	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	85.16%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	52241	20.41	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	81.64%
61) 1,2-Dichlorobenzene-d4	11.67	152	67400	25.53	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	102.12%

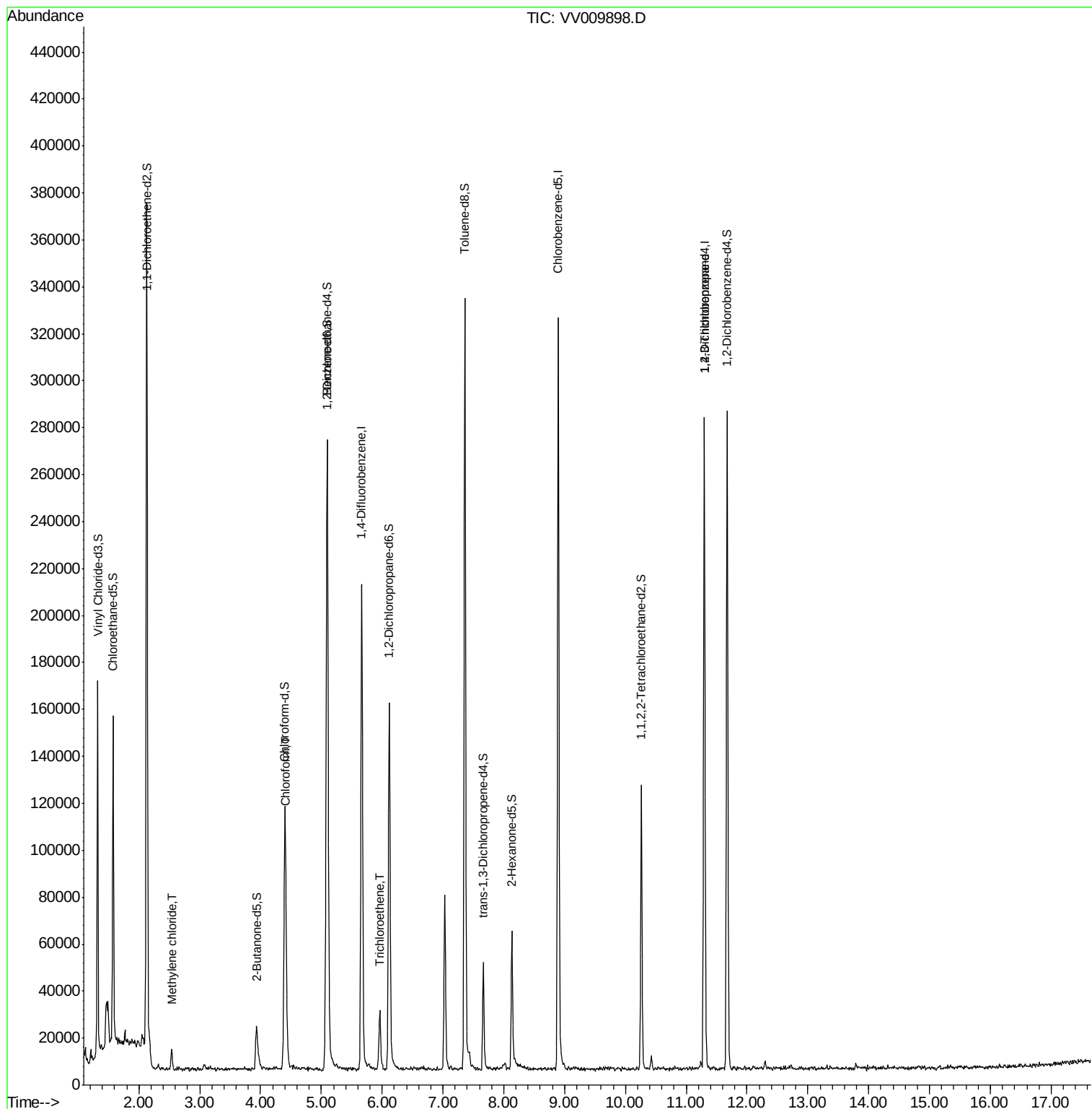
Target Compounds					Qvalue
16) Methylene chloride	2.53	84	3395	1.214 ug/L	92
25) Chloroform	4.42	83	5690	1.264 ug/L #	26
35) Trichloroethene	5.96	95	3927	1.611 ug/L #	10
59) 1,2,3-Trichloropropane	11.30	75	11398	6.136 ug/L	97

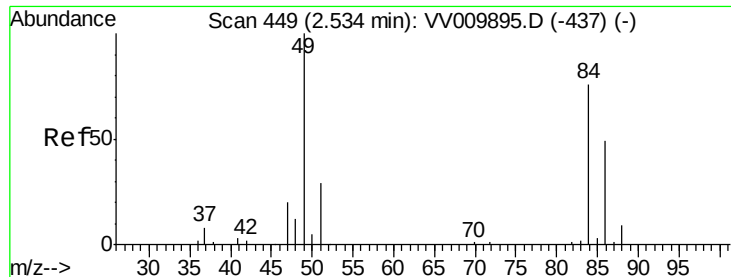
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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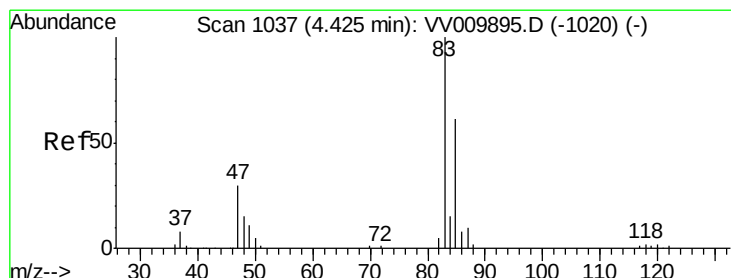
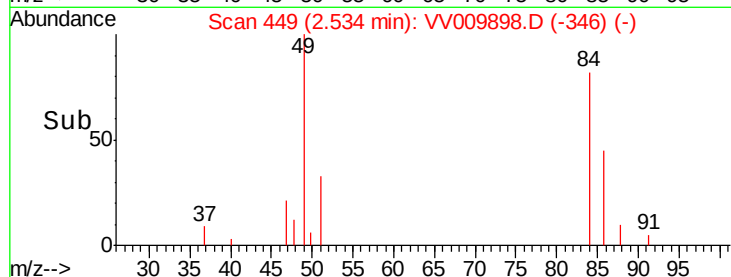
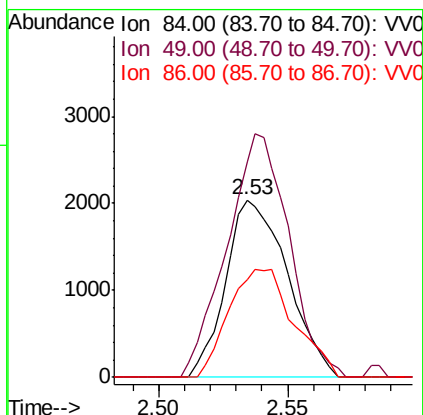
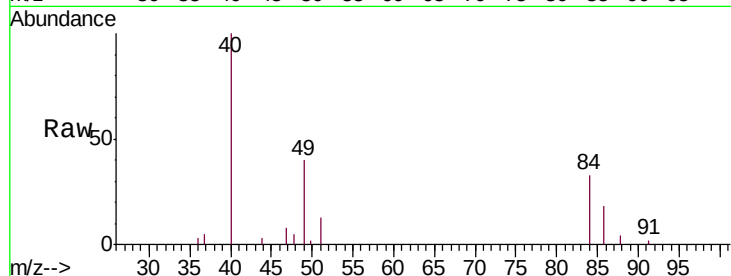




#16
Methylene chloride
Concen: 1.214 ug/L
RT: 2.53 min Scan# 449
Delta R.T. 0.00 min
Lab File: VV009898.D
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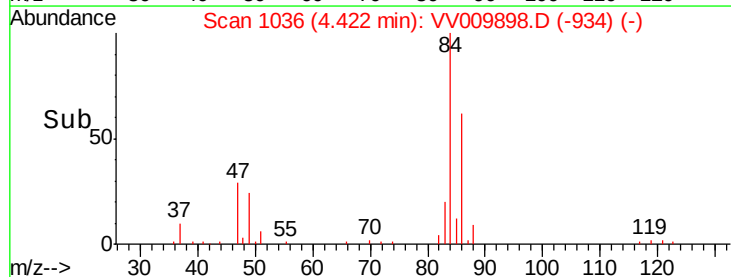
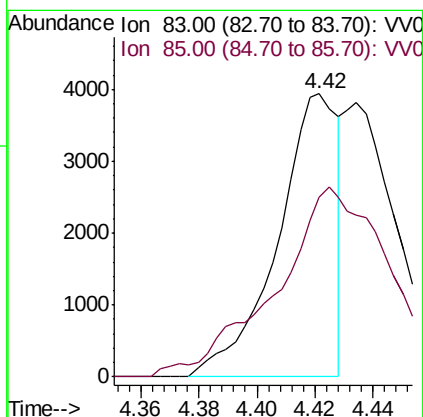
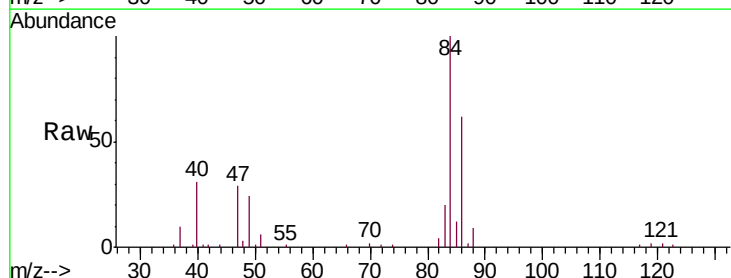
Instrument :
MSVOA_V
ClientSampleId :
BF0H9

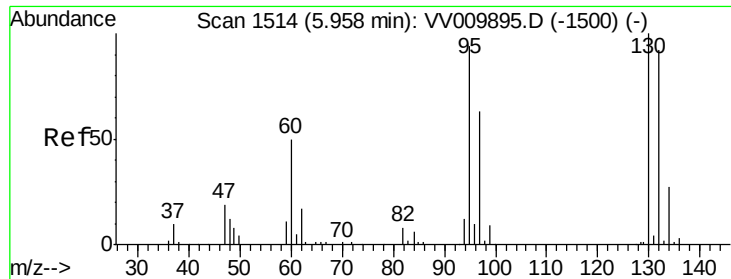
Tgt Ion: 84 Resp: 3395
Ion Ratio Lower Upper
84 100
49 121.7 90.4 167.8
86 55.0 44.0 81.6



#25
Chloroform
Concen: 1.264 ug/L
RT: 4.42 min Scan# 1036
Delta R.T. -0.00 min
Lab File: VV009898.D
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Tgt Ion: 83 Resp: 5690
Ion Ratio Lower Upper
83 100
85 124.9 46.1 85.7#





#35

Trichloroethene

Concen: 1.611 ug/L

RT: 5.96 min Scan# 1513

Delta R.T. -0.00 min

Lab File: VV009898.D

Acq: 26 Mar 2019 17:18

Instrument :

MSVOA_V

ClientSampleId :

BF0H9

Tgt Ion: 95 Resp: 3927

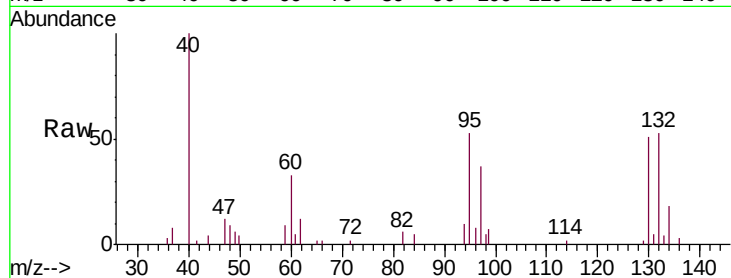
Ion Ratio Lower Upper

95 100

97 121.1 46.3 85.9#

132 195.4 69.3 128.7#

130 197.1 69.5 129.1#

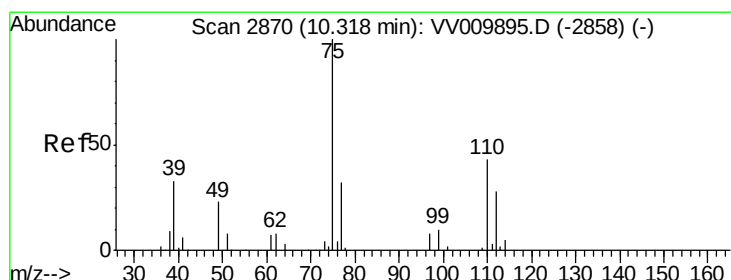
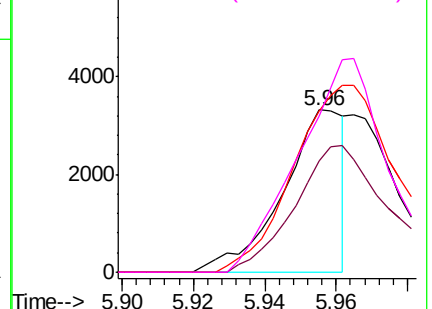
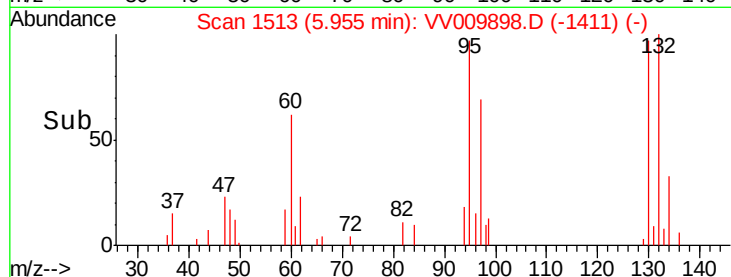


Abundance Ion 95.00 (94.70 to 95.70): VV009895.D (-1500) (-)

Ion 97.00 (96.70 to 97.70): VV009895.D (-1500) (-)

Ion 132.00 (131.70 to 132.70): VV009895.D (-1500) (-)

Ion 130.00 (129.70 to 130.70): VV009895.D (-1500) (-)



#59

1,2,3-Trichloropropane

Concen: 6.136 ug/L

RT: 11.30 min Scan# 3175

Delta R.T. 0.98 min

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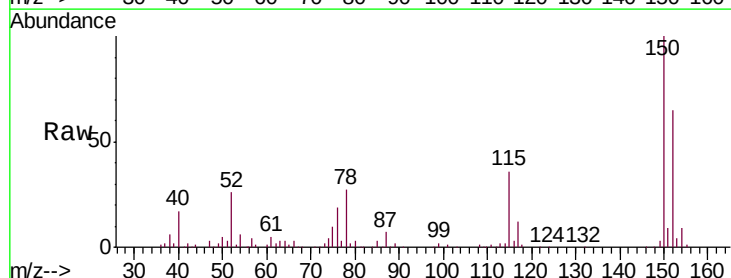
Acq: 26 Mar 2019 17:18

Tgt Ion: 75 Resp: 11398

Ion Ratio Lower Upper

75 100

77 34.4 26.2 39.2



Abundance Ion 75.00 (74.70 to 75.70): VV009895.D (-2858) (-)

Ion 77.00 (76.70 to 77.70): VV009895.D (-2858) (-)

