

Data File : VV010924.D
Acq On : 16 May 2019 09:24
Operator : SY/MD
Sample : K2737-15
Misc : 5.35G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DB863RE

Quant Time: May 17 05:21:29 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM051319S.M
Quant Title : VOC Analysis
QLast Update : Fri May 17 05:18:40 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	153405	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	144626	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	59549	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	39186	20.05	ug/L	0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	80.20%
7) Chloroethane-d5	1.58	69	32264	25.33	ug/L	0.03
Spiked Amount	25.000	Range	30 - 150	Recovery	=	101.32%
10) 1,1-Dichloroethene-d2	2.13	63	58547	15.83	ug/L	0.02
Spiked Amount	25.000	Range	45 - 110	Recovery	=	63.32%
20) 2-Butanone-d5	3.94	46	16625	27.04	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	54.08%
24) Chloroform-d	4.40	84	79279	17.90	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	71.60%
26) 1,2-Dichloroethane-d4	5.08	65	40188	15.96	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	63.84%#
29) Benzene-d6	5.10	84	171805	21.46	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	85.84%
33) 1,2-Dichloropropane-d6	6.12	67	53434	20.92	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	83.68%
37) Toluene-d8	7.36	98	157787	20.51	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	82.04%
38) trans-1,3-Dichloropropene-	7.66	79	17293	15.52	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	62.08%
39) 2-Hexanone-d5	8.13	63	12199	25.21	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	50.42%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	35306	14.91	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	59.64%
61) 1,2-Dichlorobenzene-d4	11.67	152	51520	20.71	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	82.84%

Target Compounds

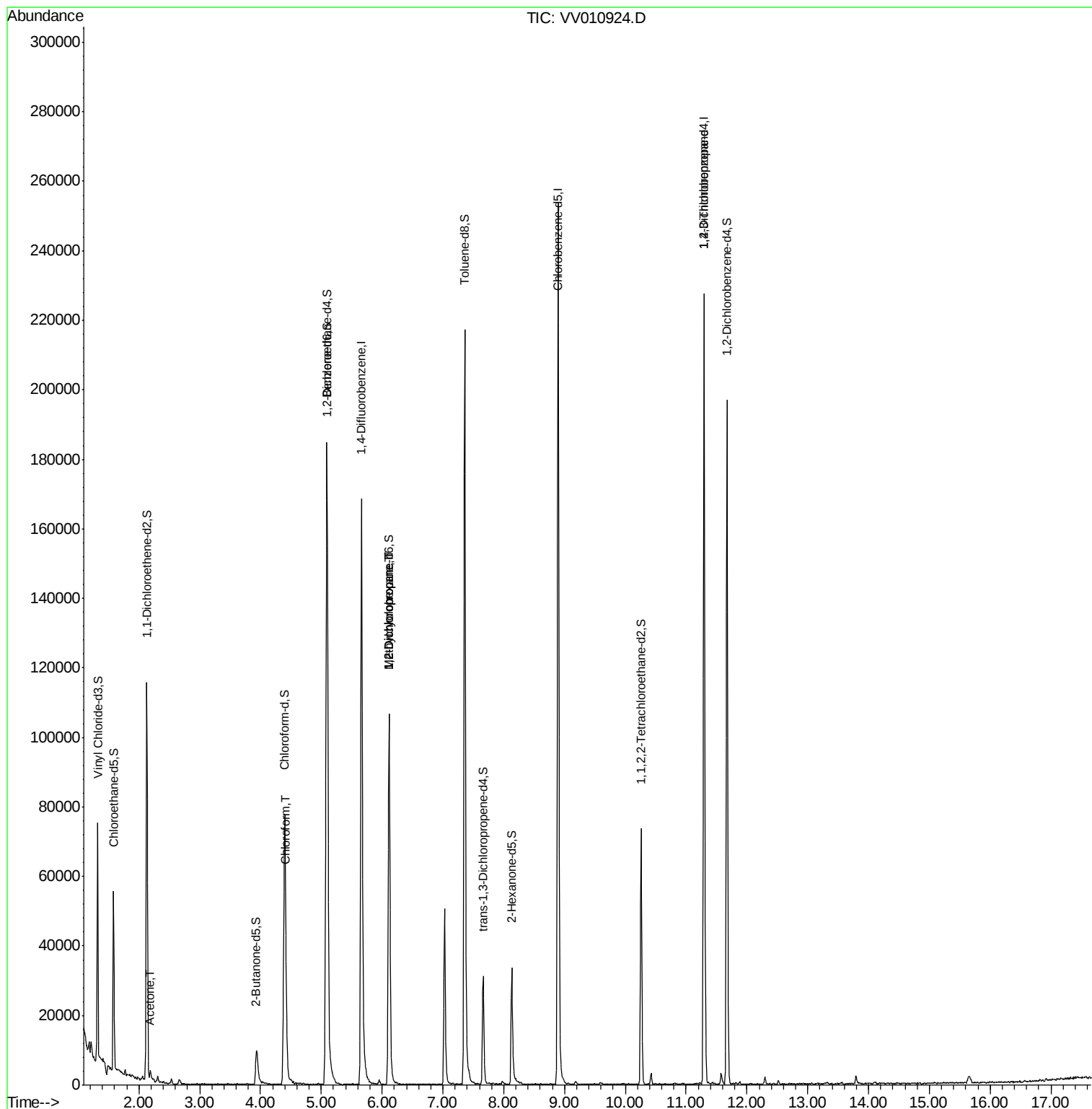
					Qvalue
13) Acetone	2.19	43	1574	2.513 ug/L	95
25) Chloroform	4.42	83	7403	1.674 ug/L	87
36) Methylcyclohexane	6.12	83	12720	4.184 ug/L #	19
40) 1,2-Dichloropropane	6.12	63	5710	2.487 ug/L #	88
59) 1,2,3-Trichloropropane	11.29	75	7755	4.383 ug/L	93

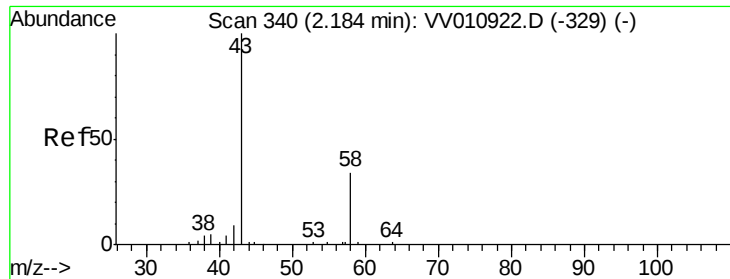
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.513 ug/L

RT: 2.19 min Scan# 343

Delta R.T. 0.01 min

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Instrument :

MSVOA_V

ClientSampleId :

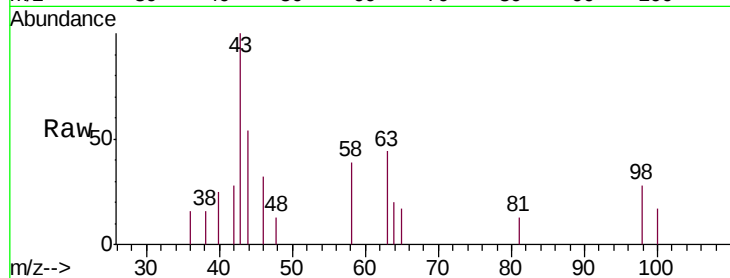
DB863RE

Tgt Ion: 43 Resp: 1574

Ion Ratio Lower Upper

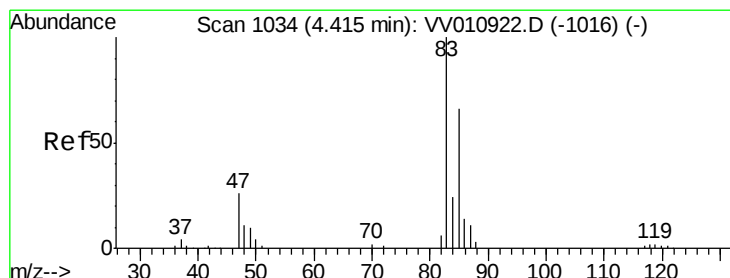
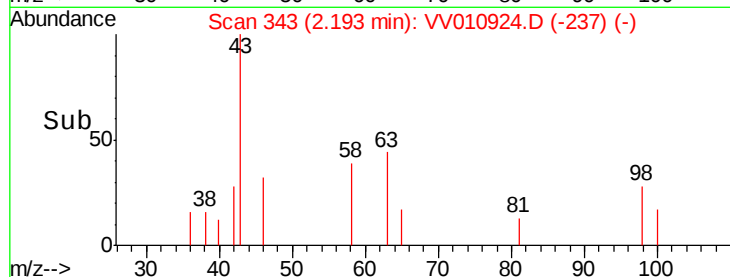
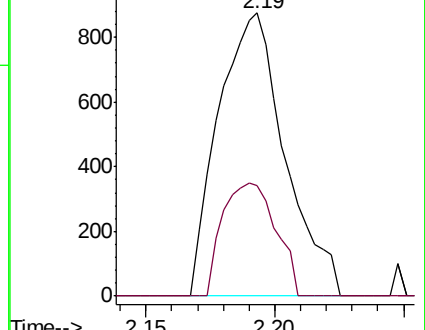
43 100

58 31.9 0.0 69.2



Abundance Ion 43.00 (42.70 to 43.70): VV010924.D (-343) (-)

Ion 58.00 (57.70 to 58.70): VV010924.D (-343) (-)



#25

Chloroform

Concen: 1.674 ug/L

RT: 4.42 min Scan# 1037

Delta R.T. 0.01 min

Lab File: VV010924.D

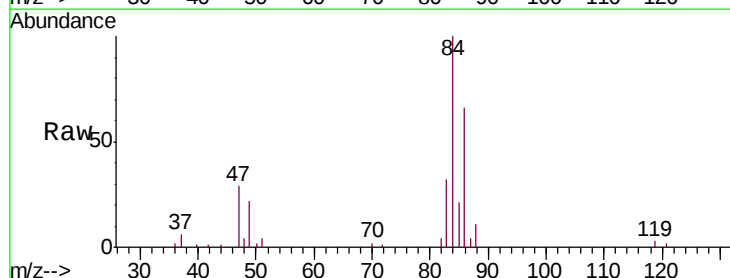
Acq: 16 May 2019 09:24

Tgt Ion: 83 Resp: 7403

Ion Ratio Lower Upper

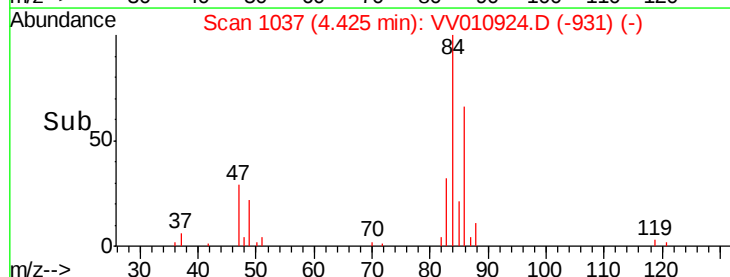
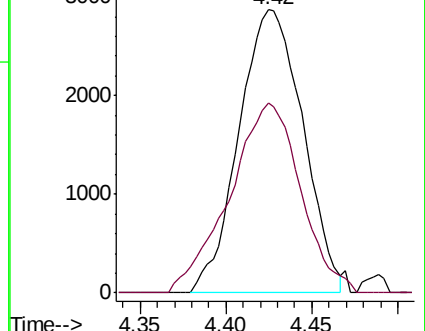
83 100

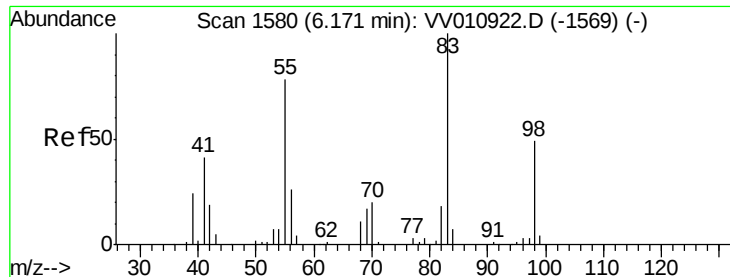
85 74.7 45.3 84.1



Abundance Ion 83.00 (82.70 to 83.70): VV010924.D (-1037) (-)

Ion 85.00 (84.70 to 85.70): VV010924.D (-1037) (-)

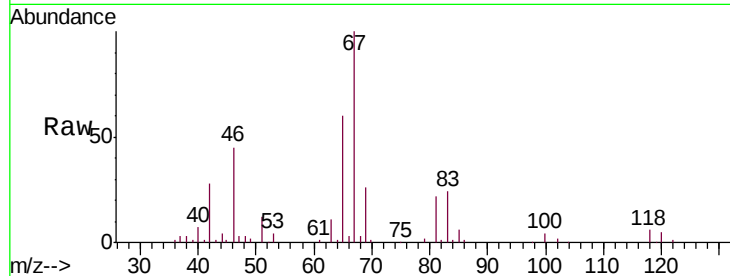




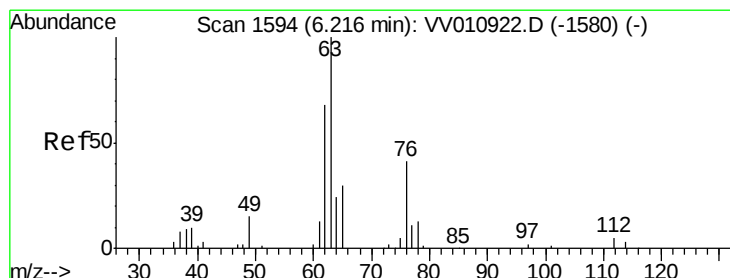
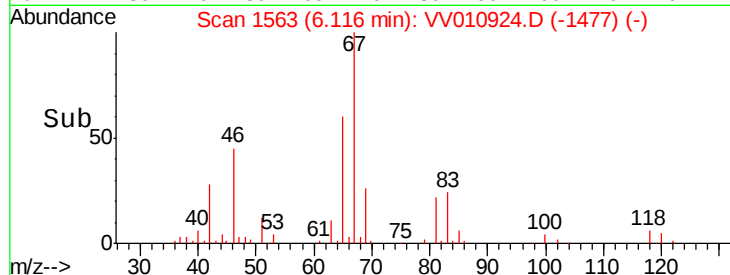
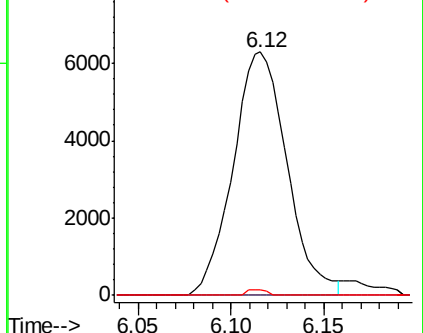
#36
Methylcyclohexane
Concen: 4.184 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.05 min
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Instrument :
MSVOA_V
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Tgt Ion: 83 Resp: 12720
Ion Ratio Lower Upper
83 100
55 0.0 61.0 91.4#
98 0.8 37.2 55.8#

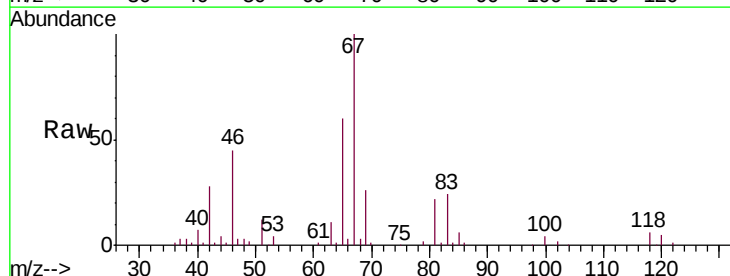


Abundance Ion 83.00 (82.70 to 83.70): VV0
Ion 55.00 (54.70 to 55.70): VV0
Ion 98.00 (97.70 to 98.70): VV0

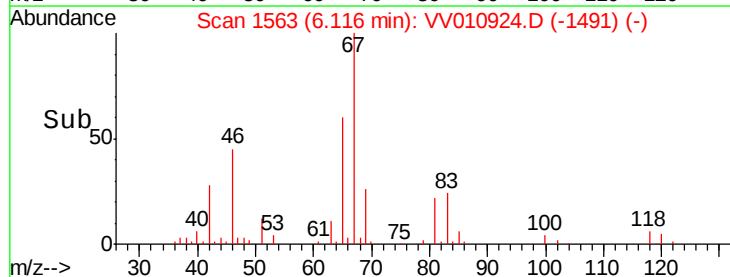
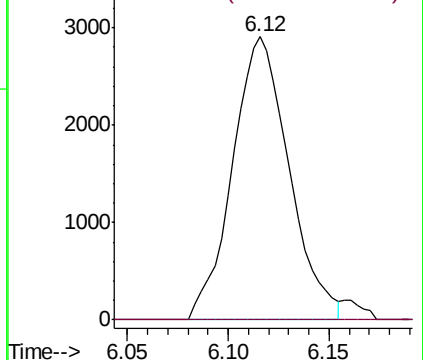


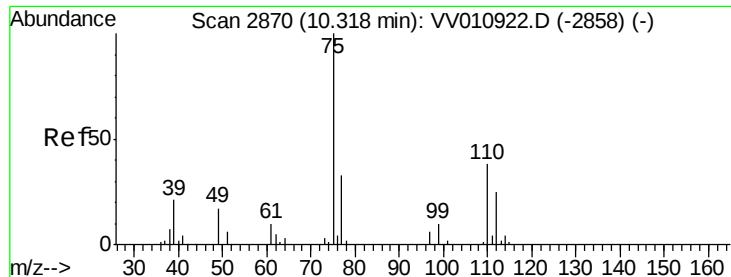
#40
1,2-Dichloropropane
Concen: 2.487 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.10 min
Lab File: VV010924.D
Acq: 16 May 2019 09:24

Tgt Ion: 63 Resp: 5710
Ion Ratio Lower Upper
63 100
112 0.0 3.2 4.8#



Abundance Ion 63.00 (62.70 to 63.70): VV0
Ion 112.00 (111.70 to 112.70): V





#59

1,2,3-Trichloropropane

Concen: 4.383 ug/L

RT: 11.29 min Scan# 3173

Delta R.T. 0.97 min

Lab File: VV010924.D

Acq: 16 May 2019 09:24

Instrument :

MSVOA_V

ClientSampleId :

DB863RE

Tgt Ion: 75 Resp: 7755

Ion Ratio Lower Upper

75 100

77 37.2 26.4 39.6

