

Data File : VV010280.D
Acq On : 12 Apr 2019 12:01
Operator : SY/MD
Sample : K2328-18
Misc : 4.93G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DB733

Quant Time: Apr 13 04:50:20 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM041019S.M
Quant Title : VOC Analysis
QLast Update : Sat Apr 13 04:47:32 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	281955	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	261520	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	125008	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	55702	17.16	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	68.64%
7) Chloroethane-d5	1.55	69	39912	14.31	ug/L	-0.02
Spiked Amount	25.000	Range	30 - 150	Recovery	=	57.24%
10) 1,1-Dichloroethene-d2	2.11	63	129795	15.71	ug/L	-0.02
Spiked Amount	25.000	Range	45 - 110	Recovery	=	62.84%
20) 2-Butanone-d5	3.93	46	41634	50.69	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	101.38%
24) Chloroform-d	4.39	84	157031	24.39	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	97.56%
26) 1,2-Dichloroethane-d4	5.07	65	89117	24.30	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	97.20%
29) Benzene-d6	5.09	84	313908	24.89	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	99.56%
33) 1,2-Dichloropropane-d6	6.11	67	92992	24.79	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	99.16%
37) Toluene-d8	7.35	98	295850	24.06	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	96.24%
38) trans-1,3-Dichloropropene-	7.66	79	34428	22.02	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	88.08%
39) 2-Hexanone-d5	8.14	63	33118	51.12	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	102.24%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	86520	25.70	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	102.80%
61) 1,2-Dichlorobenzene-d4	11.67	152	121768	26.38	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	105.52%

Target Compounds

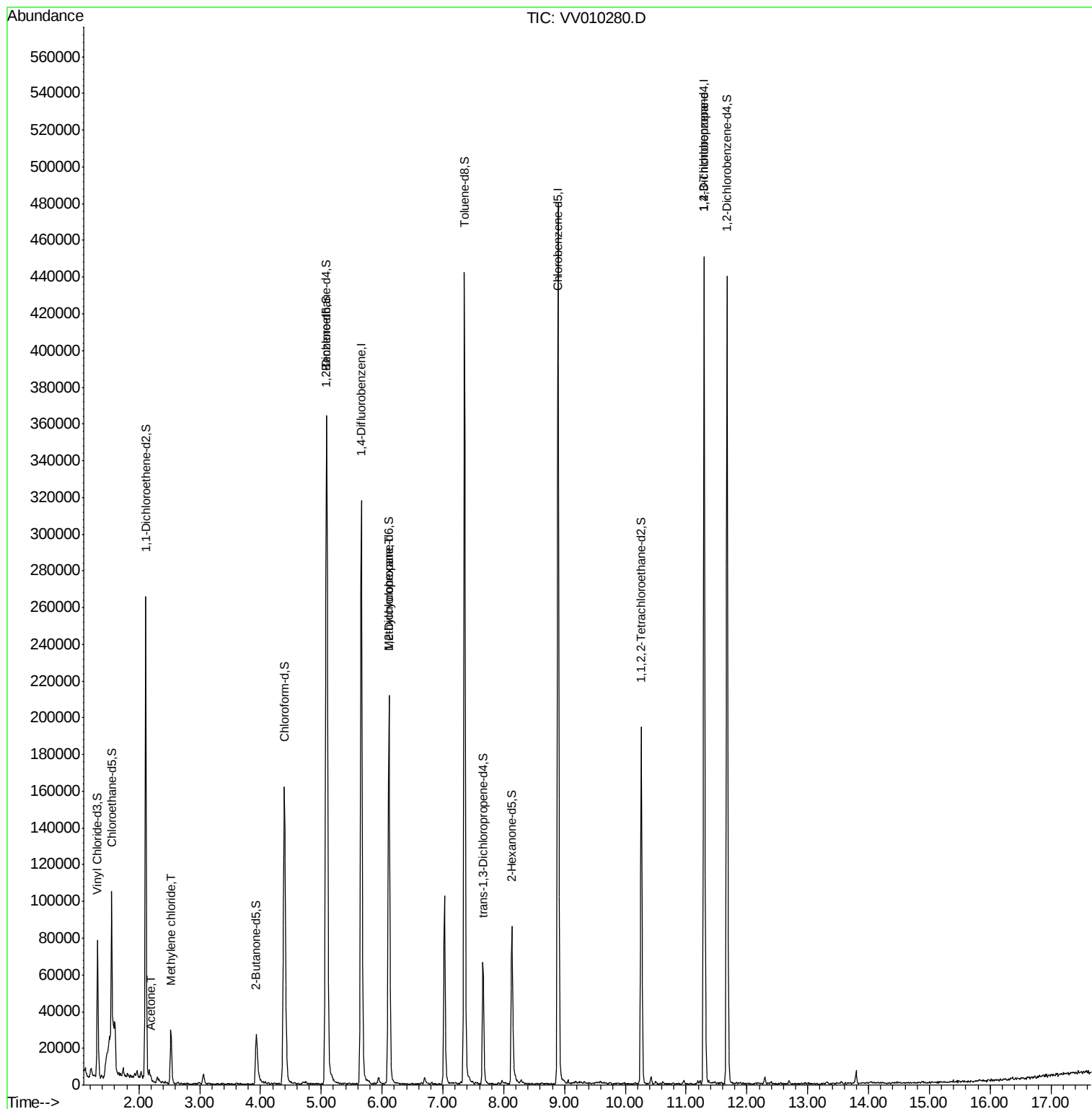
					Qvalue
13) Acetone	2.20	43	2805	3.196 ug/L	83
16) Methylene chloride	2.53	84	12431	2.251 ug/L	98
36) Methylcyclohexane	6.11	83	23867	4.170 ug/L #	21
59) 1,2,3-Trichloropropane	11.30	75	15797	6.311 ug/L	93

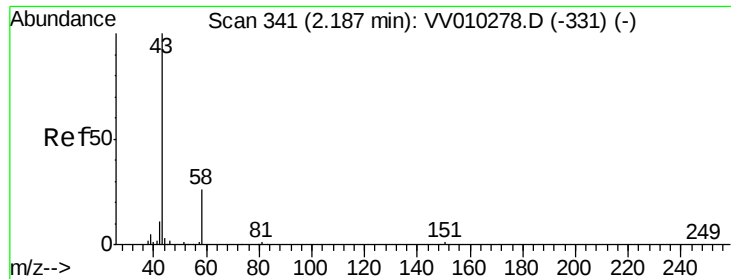
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 3.196 ug/L

RT: 2.20 min Scan# 344

Delta R.T. 0.01 min

Lab File: VV010280.D

Acq: 12 Apr 2019 12:01

Instrument :

MSVOA_V

ClientSampled :

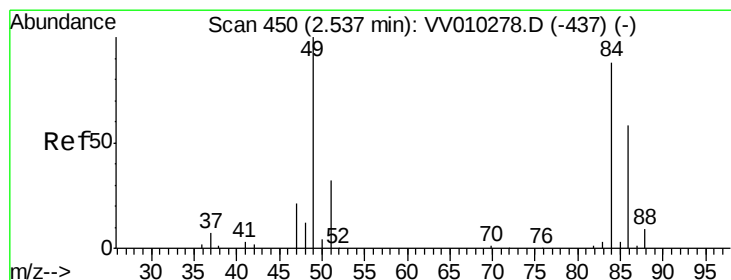
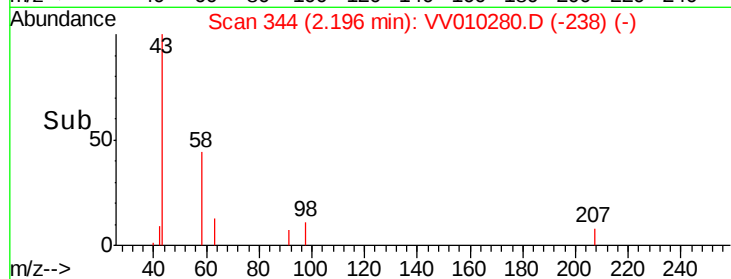
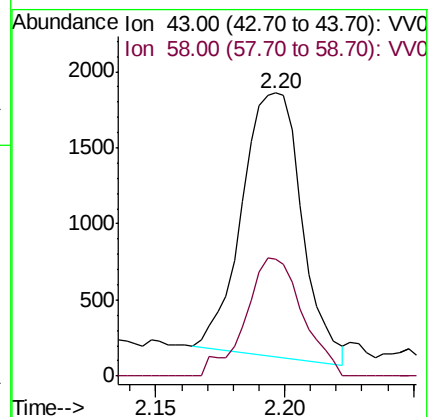
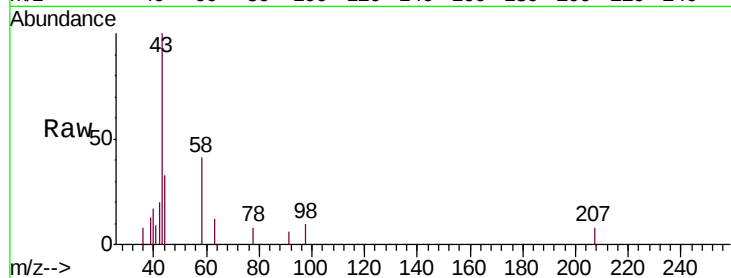
DB733

Tgt Ion: 43 Resp: 2805

Ion Ratio Lower Upper

43 100

58 40.4 0.0 61.6



#16

Methylene chloride

Concen: 2.251 ug/L

RT: 2.53 min Scan# 447

Delta R.T. -0.01 min

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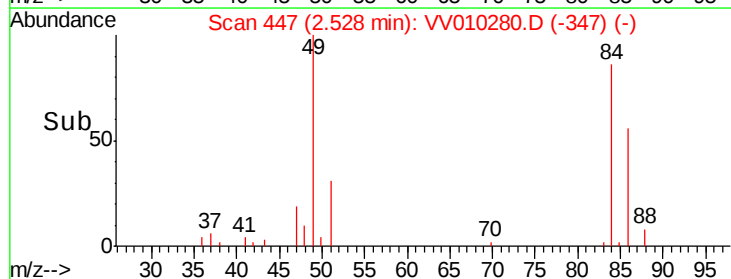
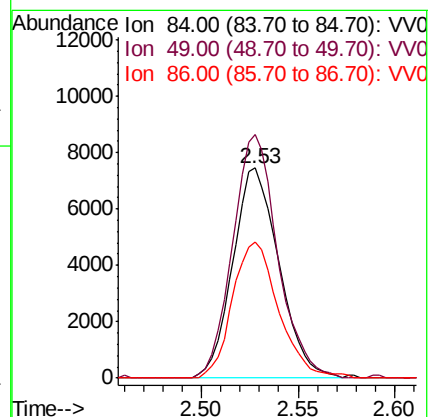
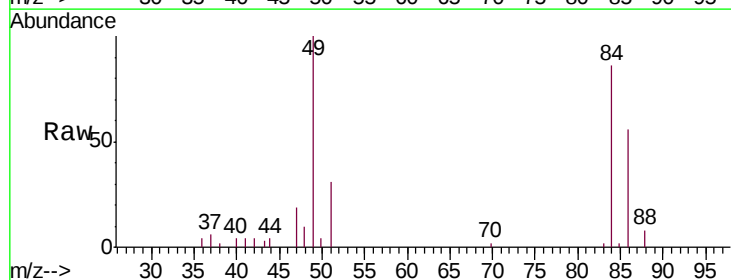
Tgt Ion: 84 Resp: 12431

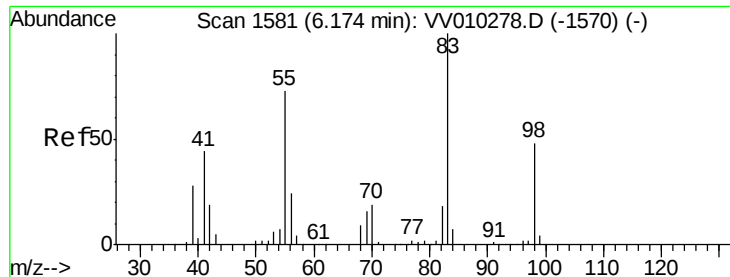
Ion Ratio Lower Upper

84 100

49 115.8 79.9 148.5

86 65.0 44.5 82.7

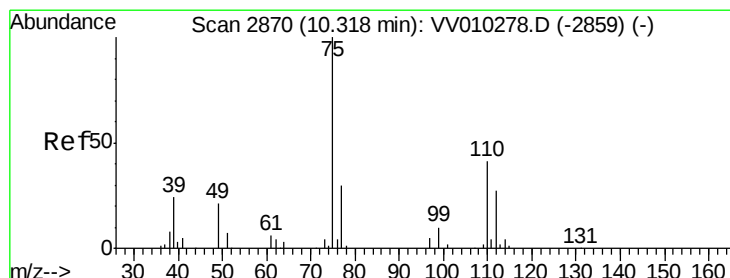
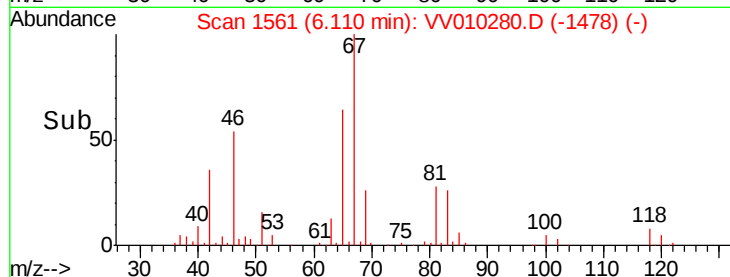
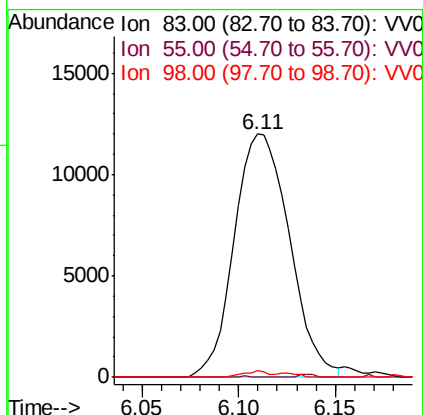
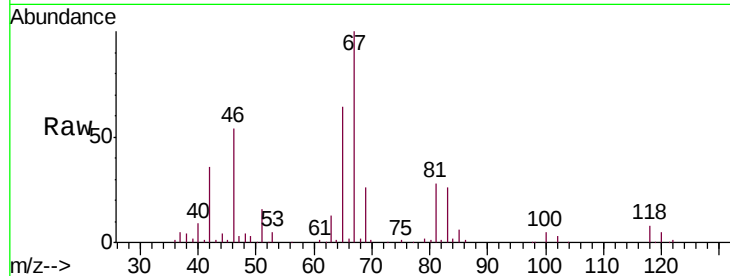




#36
Methylcyclohexane
Concen: 4.170 ug/L
RT: 6.11 min Scan# 1561
Delta R.T. -0.06 min
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Tgt Ion: 83 Resp: 23867
Ion Ratio Lower Upper
83 100
55 0.0 55.7 83.5#
98 1.2 39.4 59.2#



#59
1,2,3-Trichloropropane
Concen: 6.311 ug/L
RT: 11.30 min Scan# 3174
Delta R.T. 0.98 min
Lab File: VV010280.D
Acq: 12 Apr 2019 12:01

Tgt Ion: 75 Resp: 15797
Ion Ratio Lower Upper
75 100
77 37.8 26.9 40.3

