

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV041119\
 Data File : VV010240.D
 Acq On : 11 Apr 2019 13:36
 Operator : SY/MD
 Sample : K2255-07
 Misc : 4.42G/10mL/MSVOA_V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BF8C6

Quant Time: Apr 12 01:28:08 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM041019S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 12 01:24:48 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	333826	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	305419	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	139888	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	67320	17.52	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	70.08%
7) Chloroethane-d5	1.58	69	67533	20.45	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	81.80%
10) 1,1-Dichloroethene-d2	2.13	63	139599	14.27	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	57.08%
20) 2-Butanone-d5	3.93	46	37136	38.19	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	76.38%
24) Chloroform-d	4.40	84	159769	20.96	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	83.84%
26) 1,2-Dichloroethane-d4	5.08	65	91880	21.16	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	84.64%
29) Benzene-d6	5.10	84	335564	22.79	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	91.16%
33) 1,2-Dichloropropane-d6	6.12	67	102080	23.30	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	93.20%
37) Toluene-d8	7.36	98	320987	22.35	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	89.40%
38) trans-1,3-Dichloropropene-	7.66	79	36371	19.91	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	79.64%
39) 2-Hexanone-d5	8.13	63	26521	35.05	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	70.10%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	77907	19.82	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	79.28%
61) 1,2-Dichlorobenzene-d4	11.67	152	119852	23.20	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	92.80%

Target Compounds

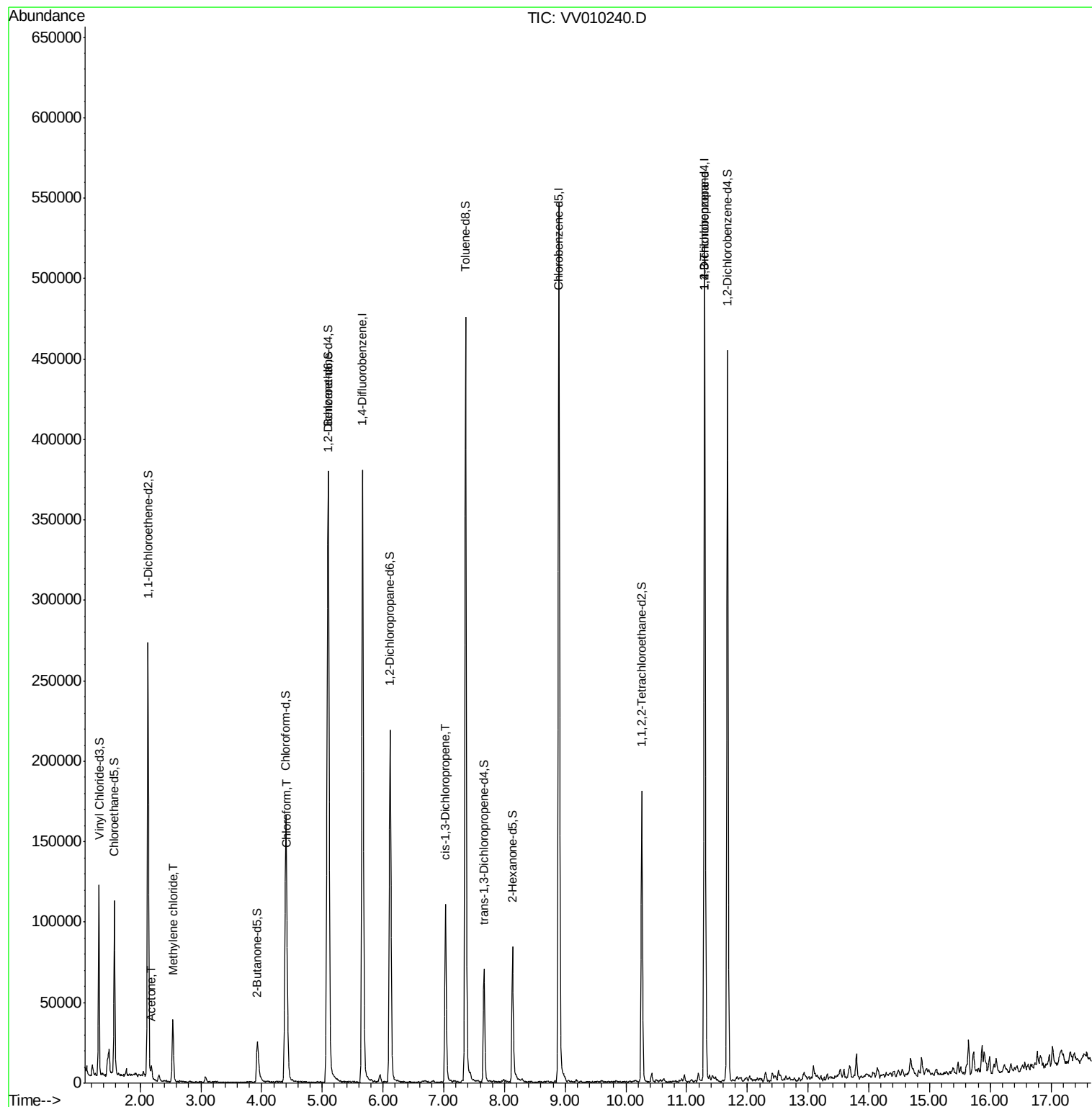
					Qvalue
13) Acetone	2.19	43	4609	4.436 ug/L	90
16) Methylene chloride	2.54	84	16651	2.547 ug/L	96
25) Chloroform	4.42	83	13555	1.658 ug/L	88
42) cis-1,3-Dichloropropene	7.03	75	3178	0.554 ug/L #	58
59) 1,2,3-Trichloropropane	11.30	75	16926	5.791 ug/L	91

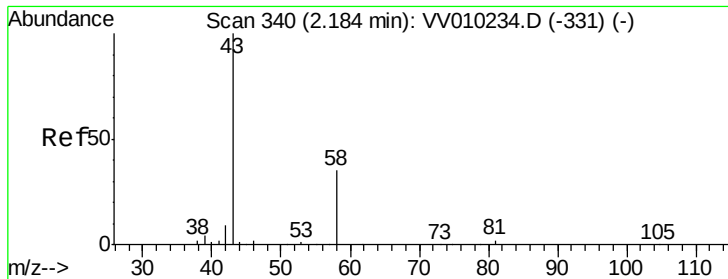
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 4.436 ug/L

RT: 2.19 min Scan# 341

Delta R.T. 0.00 min

Lab File: VV010240.D

Acq: 11 Apr 2019 13:36

Instrument :

MSVOA_V

ClientSampleId :

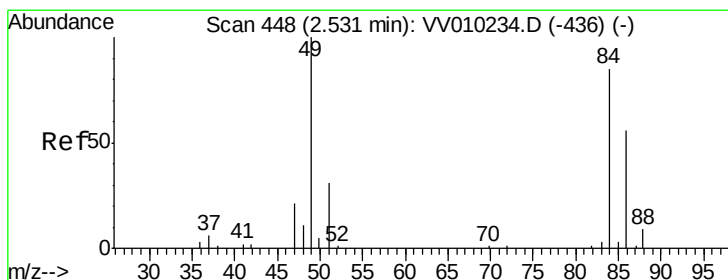
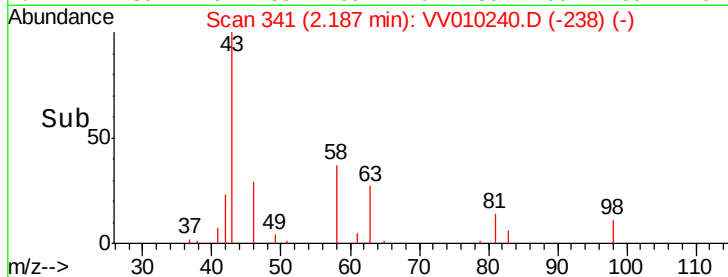
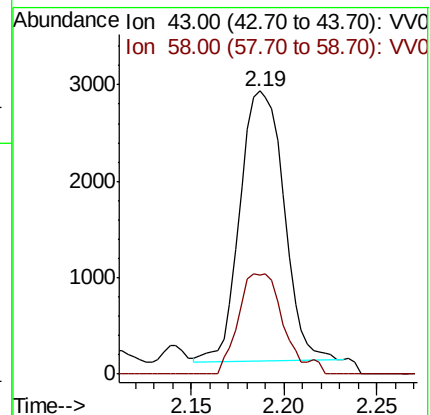
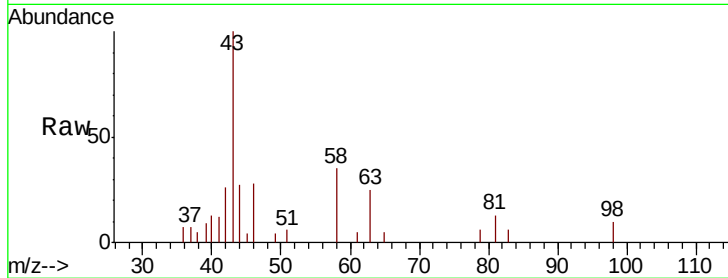
BF8C6

Tgt Ion: 43 Resp: 4609

Ion Ratio Lower Upper

43 100

58 36.4 0.0 61.6



#16

Methylene chloride

Concen: 2.547 ug/L

RT: 2.54 min Scan# 451

Delta R.T. 0.00 min

Lab File: VV010240.D

Acq: 11 Apr 2019 13:36

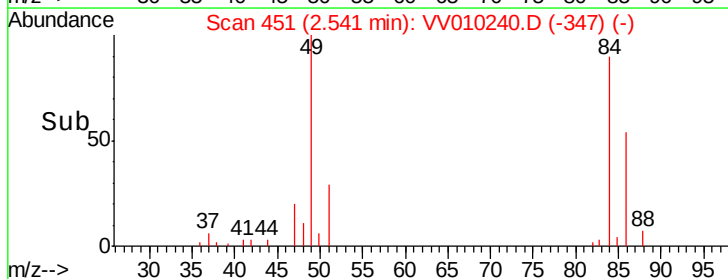
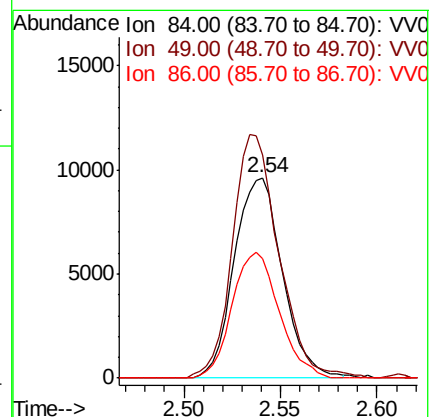
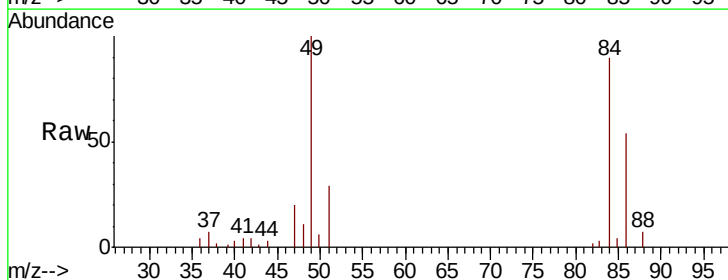
Tgt Ion: 84 Resp: 16651

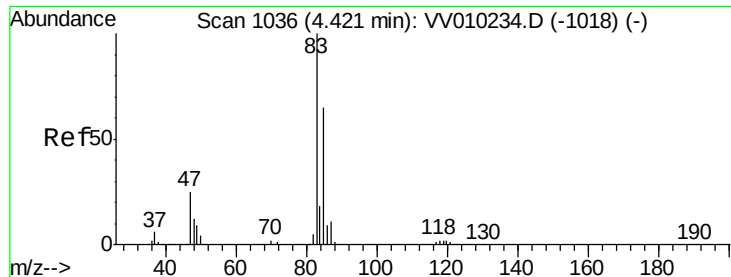
Ion Ratio Lower Upper

84 100

49 111.1 79.9 148.5

86 59.6 44.5 82.7

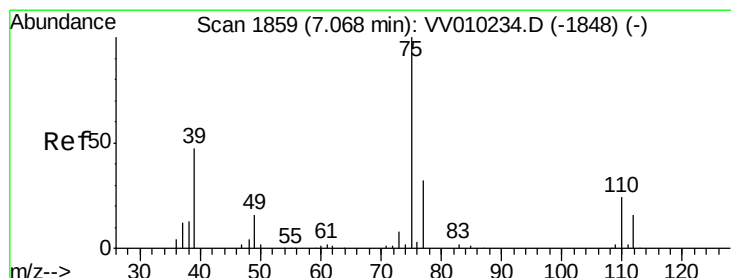
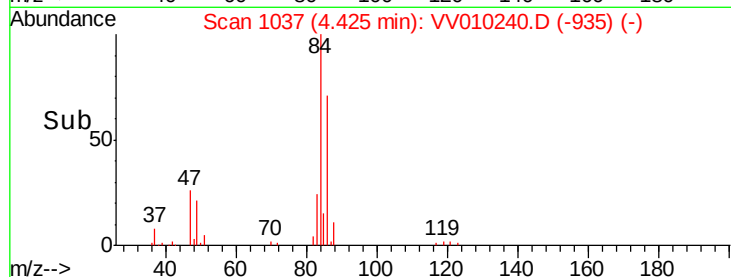
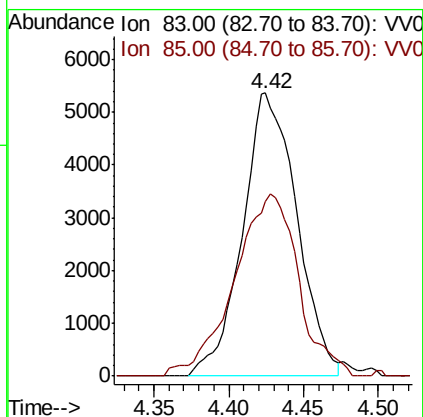
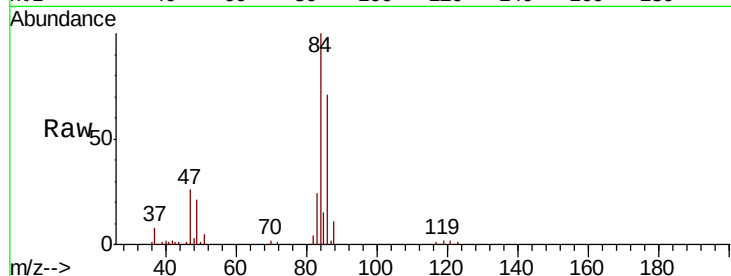




#25
Chloroform
Concen: 1.658 ug/L
RT: 4.42 min Scan# 1037
Delta R.T. -0.00 min
Lab File: VV010240.D
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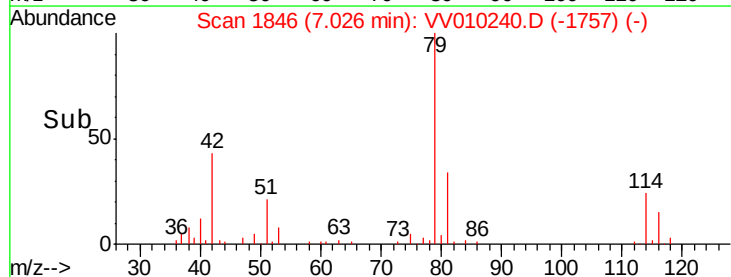
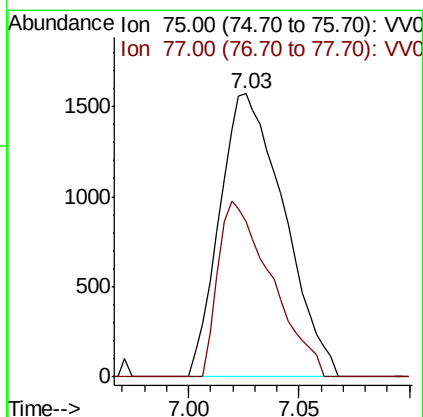
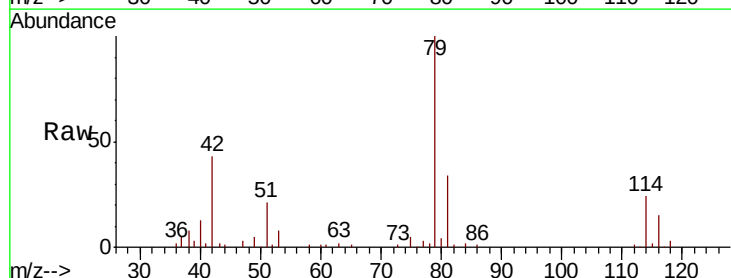
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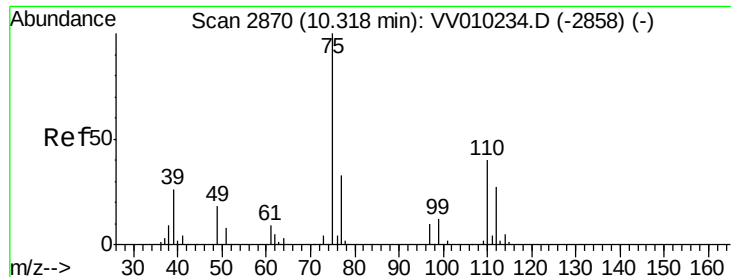
Tgt Ion: 83 Resp: 13555
Ion Ratio Lower Upper
83 100
85 74.5 45.4 84.2



#42
cis-1,3-Dichloropropene
Concen: 0.554 ug/L
RT: 7.03 min Scan# 1846
Delta R.T. -0.04 min
Lab File: VV010240.D
Acq: 11 Apr 2019 13:36

Tgt Ion: 75 Resp: 3178
Ion Ratio Lower Upper
75 100
77 54.7 21.9 40.7#





#59

1,2,3-Trichloropropane

Concen: 5.791 ug/L

RT: 11.30 min Scan# 3174

Delta R.T. 0.98 min

Lab File: VV010240.D

Acq: 11 Apr 2019 13:36

Instrument :

MSVOA_V

ClientSampleId :

BF8C6

Tgt Ion: 75 Resp: 16926

Ion Ratio Lower Upper

75 100

77 39.0 26.9 40.3

