

Data File : VV010307.D
Acq On : 13 Apr 2019 01:03
Operator : SY/MD
Sample : K2352-01
Misc : 5.11G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DB742

Quant Time: Apr 13 05:54:28 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM041019S.M
Quant Title : VOC Analysis
QLast Update : Sat Apr 13 05:50:22 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	270426	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	266484	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	111109	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	39030	12.54	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	50.16%
7) Chloroethane-d5	1.55	69	54046	20.20	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	80.80%
10) 1,1-Dichloroethene-d2	2.11	63	87645	11.06	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	44.24%#
20) 2-Butanone-d5	3.93	46	47253	59.98	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	119.96%
24) Chloroform-d	4.39	84	119687	19.38	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	77.52%
26) 1,2-Dichloroethane-d4	5.07	65	81375	23.14	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	92.56%
29) Benzene-d6	5.09	84	245635	19.12	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	76.48%
33) 1,2-Dichloropropane-d6	6.11	67	79821	20.88	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	83.52%
37) Toluene-d8	7.36	98	216762	17.30	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	69.20%
38) trans-1,3-Dichloropropene-	7.66	79	27958	17.54	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	70.16%
39) 2-Hexanone-d5	8.13	63	30942	46.87	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	93.74%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	77317	22.54	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	90.16%
61) 1,2-Dichlorobenzene-d4	11.67	152	85483	20.83	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	83.32%

Target Compounds

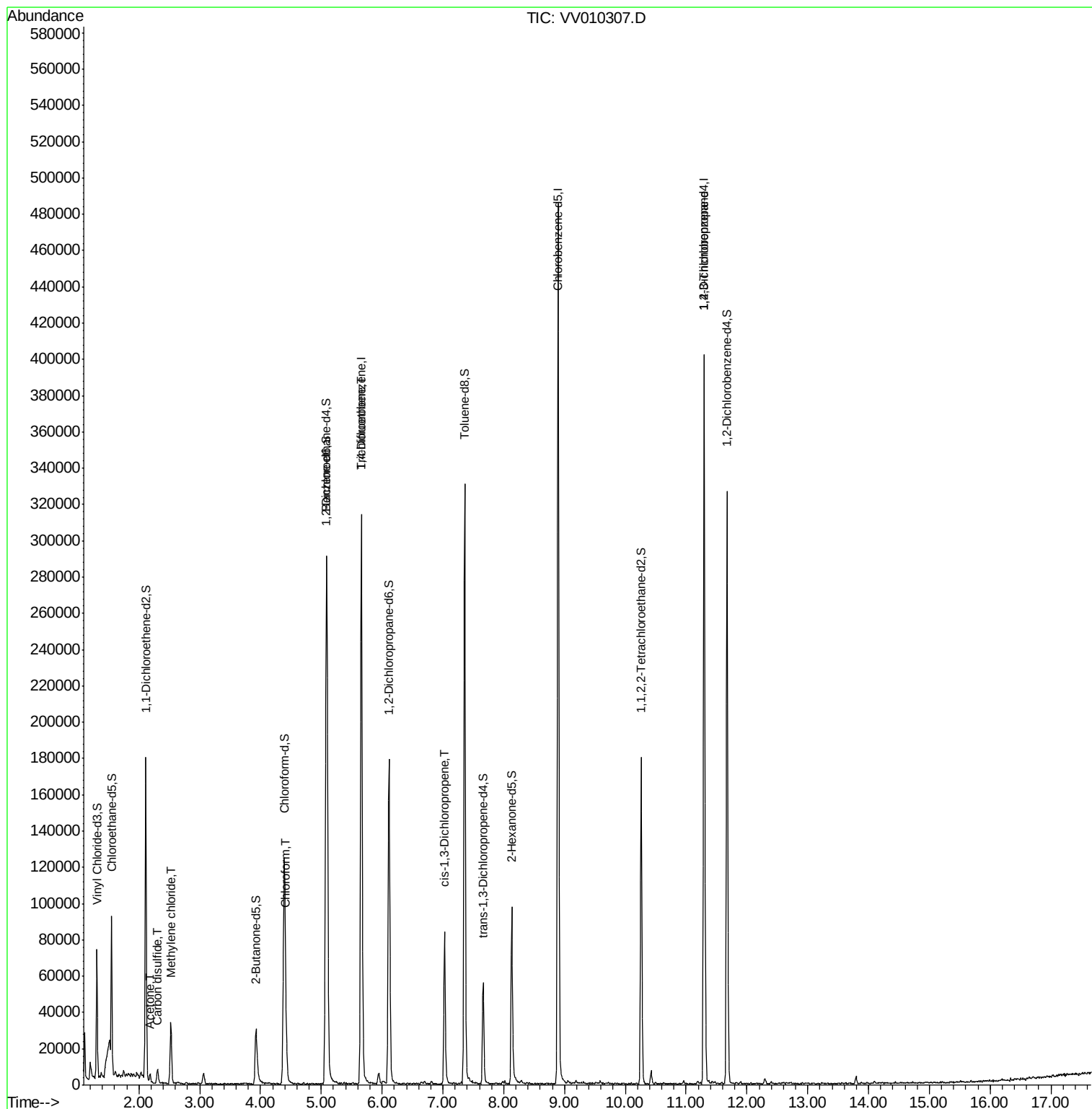
						Qvalue
13) Acetone	2.18	43	4218	5.011	ug/L	78
14) Carbon disulfide	2.30	76	6197	0.719	ug/L	99
16) Methylene chloride	2.53	84	14082	2.659	ug/L	97
25) Chloroform	4.42	83	16438	2.482	ug/L	97
35) Trichloroethene	5.66	95	7823	2.004	ug/L #	3
42) cis-1,3-Dichloropropene	7.03	75	2881	0.575	ug/L	92
59) 1,2,3-Trichloropropane	11.30	75	13616	5.339	ug/L	90

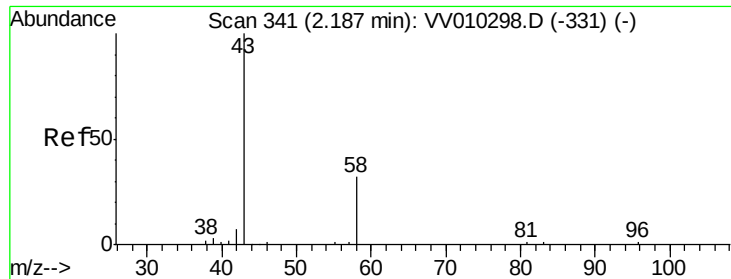
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 5.011 ug/L

RT: 2.18 min Scan# 340

Delta R.T. -0.00 min

Lab File: VV010307.D

Acq: 13 Apr 2019 01:03

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MSVOA_V

ClientSampleId :

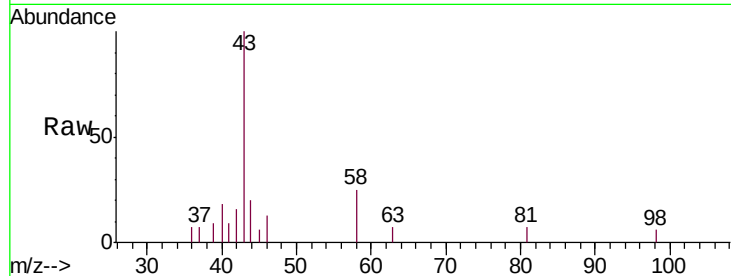
DB742

Tgt Ion: 43 Resp: 4218

Ion Ratio Lower Upper

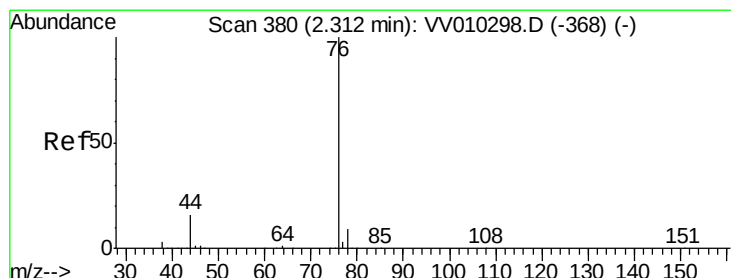
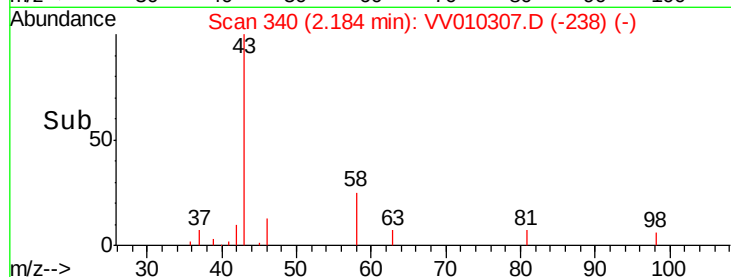
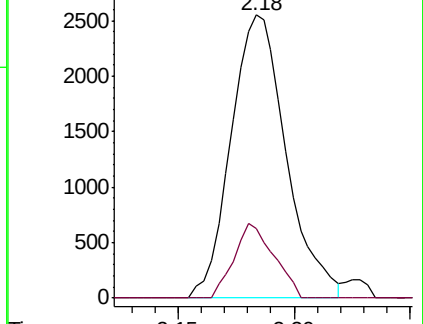
43 100

58 18.9 0.0 61.6



Abundance Ion 43.00 (42.70 to 43.70): VV010298.D (-331) (-)

Ion 58.00 (57.70 to 58.70): VV010298.D (-331) (-)



#14

Carbon disulfide

Concen: 0.719 ug/L

RT: 2.30 min Scan# 377

Delta R.T. -0.01 min

Lab File: VV010307.D

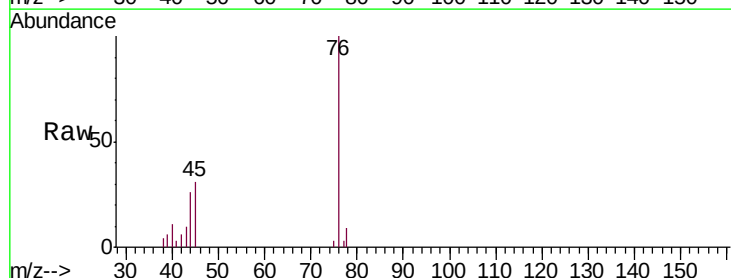
Acq: 13 Apr 2019 01:03

Tgt Ion: 76 Resp: 6197

Ion Ratio Lower Upper

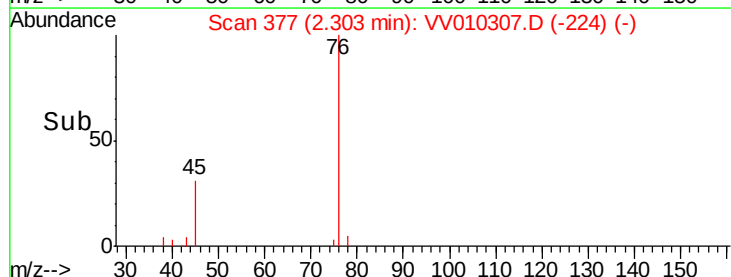
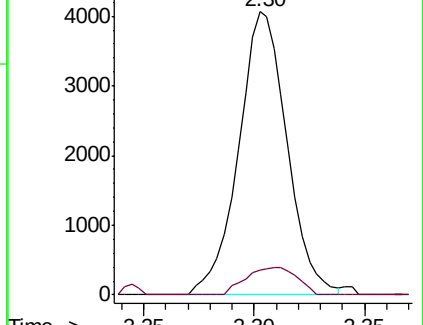
76 100

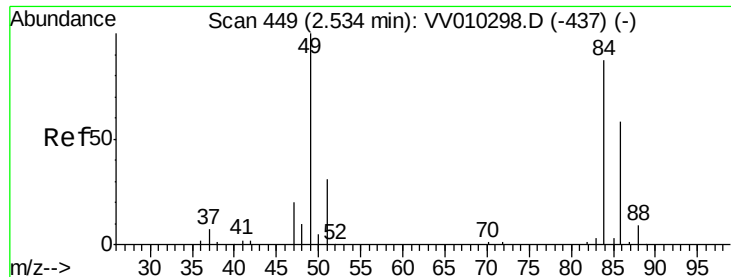
78 8.9 7.0 10.4



Abundance Ion 76.00 (75.70 to 76.70): VV010298.D (-368) (-)

Ion 78.00 (77.70 to 78.70): VV010298.D (-368) (-)

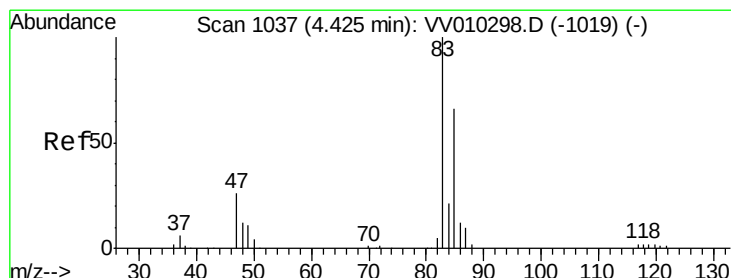
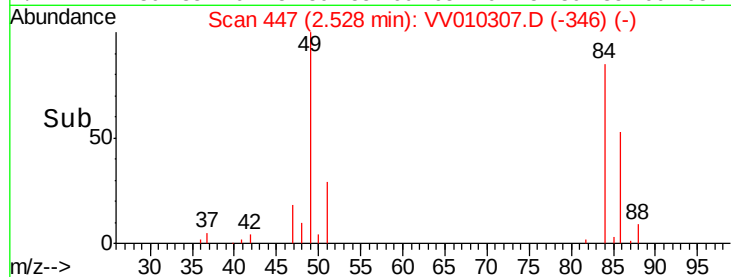
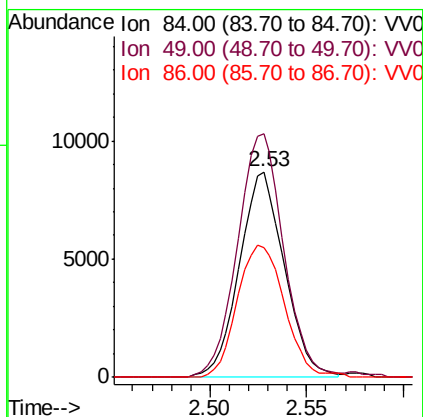
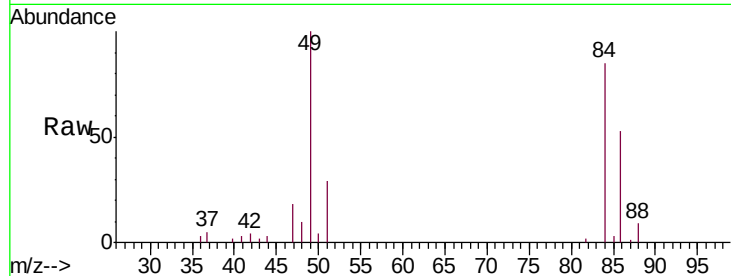




#16
Methylene chloride
Concen: 2.659 ug/L
RT: 2.53 min Scan# 447
Delta R.T. -0.01 min
Lab File: VV010307.D
Acq: 13 Apr 2019 01:03

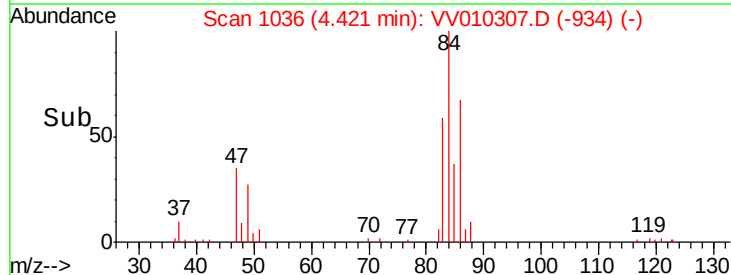
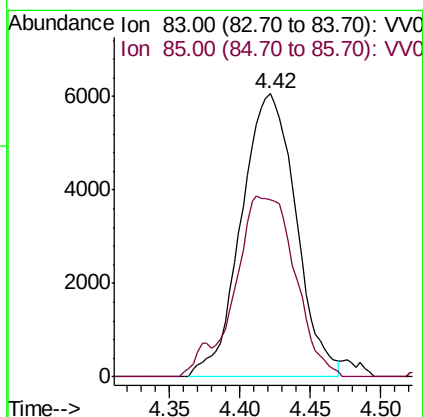
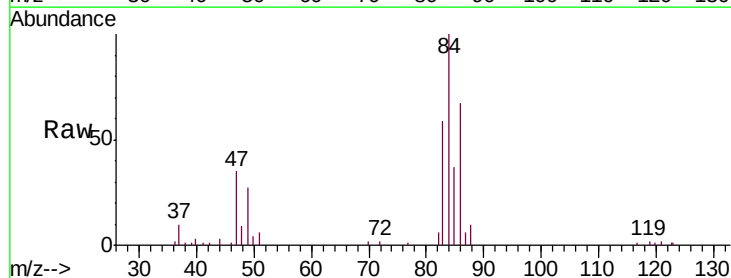
Instrument :
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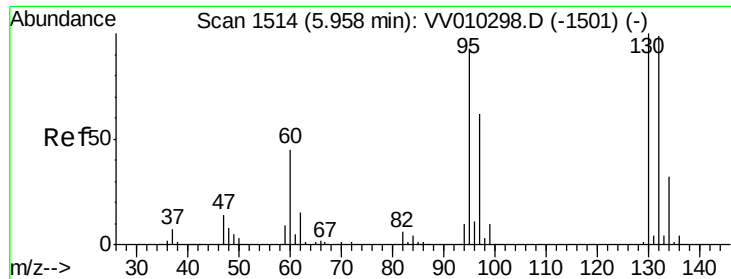
Tgt Ion: 84 Resp: 14082
Ion Ratio Lower Upper
84 100
49 118.3 79.9 148.5
86 62.9 44.5 82.7



#25
Chloroform
Concen: 2.482 ug/L
RT: 4.42 min Scan# 1036
Delta R.T. -0.00 min
Lab File: VV010307.D
Acq: 13 Apr 2019 01:03

Tgt Ion: 83 Resp: 16438
Ion Ratio Lower Upper
83 100
85 66.9 45.4 84.2





#35

Trichloroethene

Concen: 2.004 ug/L

RT: 5.66 min Scan# 1422

Delta R.T. -0.30 min

Lab File: VV010307.D

Acq: 13 Apr 2019 01:03

Instrument :

MSVOA_V

ClientSampleId :

DB742

Tgt Ion: 95 Resp: 7823

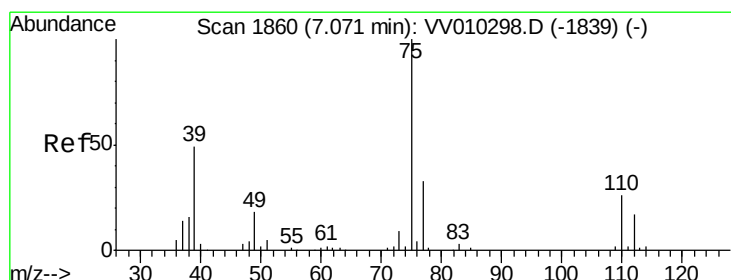
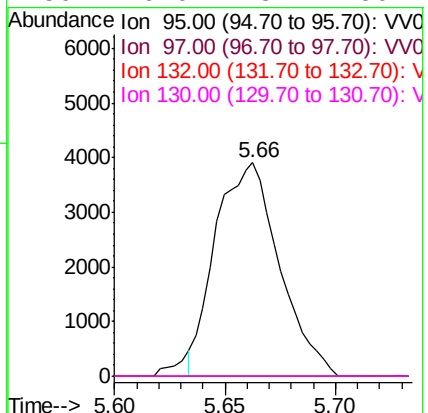
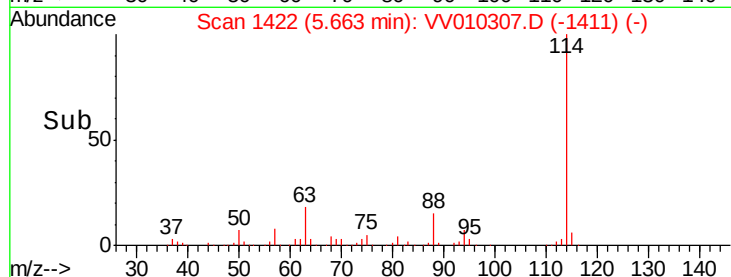
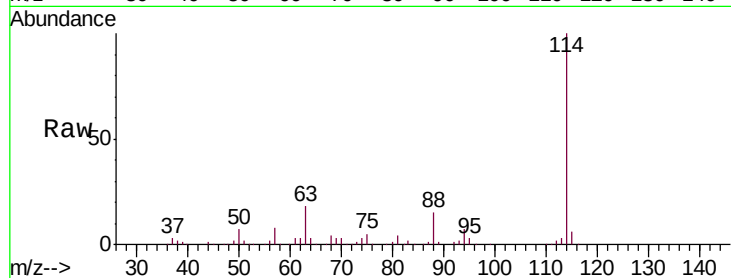
Ion Ratio Lower Upper

95 100

97 0.0 44.3 82.3#

132 0.0 71.3 132.3#

130 0.0 73.4 136.4#



#42

cis-1,3-Dichloropropene

Concen: 0.575 ug/L

RT: 7.03 min Scan# 1846

Delta R.T. -0.05 min

Lab File: VV010307.D

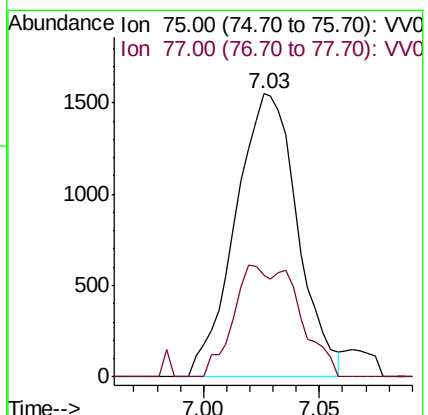
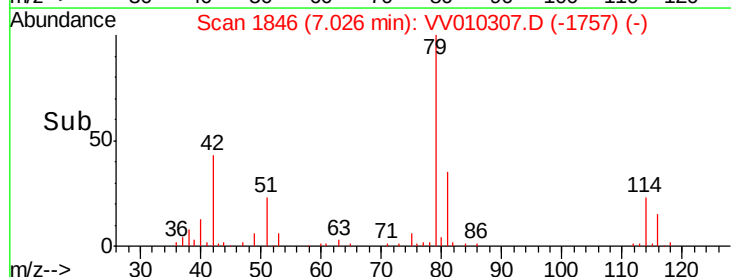
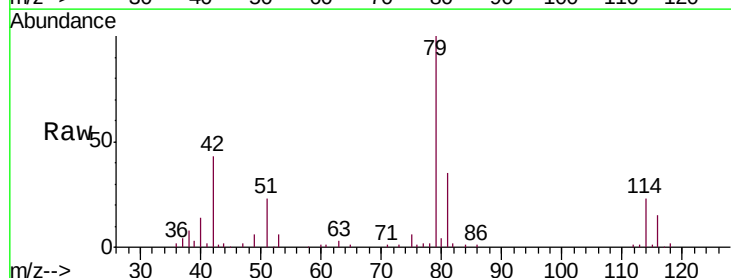
Acq: 13 Apr 2019 01:03

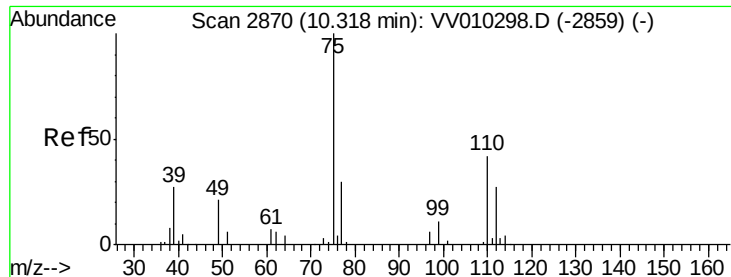
Tgt Ion: 75 Resp: 2881

Ion Ratio Lower Upper

75 100

77 35.9 21.9 40.7





#59

1,2,3-Trichloropropane

Concen: 5.339 ug/L

RT: 11.30 min Scan# 3174

Delta R.T. 0.98 min

Lab File: VV010307.D

Acq: 13 Apr 2019 01:03

Instrument :

MSVOA_V

ClientSampleId :

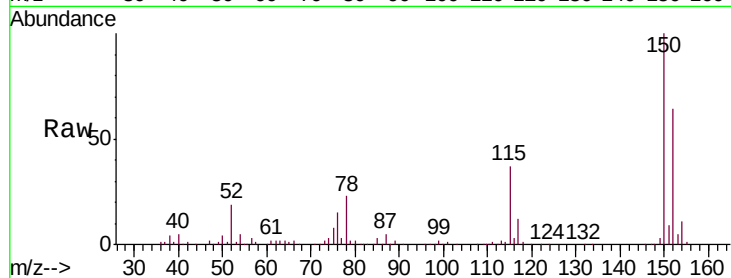
DB742

Tgt Ion: 75 Resp: 13616

Ion Ratio Lower Upper

75 100

77 39.5 26.9 40.3



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0

