

Data File : VV009972.D
Acq On : 28 Mar 2019 18:05
Operator : SY/MD
Sample : K2085-03
Misc : 5.40G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BF7X0

Quant Time: Mar 29 02:24:36 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM032619S.M
Quant Title : VOC Analysis
QLast Update : Fri Mar 29 02:19:37 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	124771	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	124896	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	51198	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	54538	21.54	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.16%
7) Chloroethane-d5	1.57	69	62087	22.70	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.80%
10) 1,1-Dichloroethene-d2	2.13	63	122773	17.73	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	70.92%
20) 2-Butanone-d5	3.94	46	33512	71.03	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	142.06%#
24) Chloroform-d	4.40	84	71759	22.57	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	90.28%
26) 1,2-Dichloroethane-d4	5.08	65	53190	27.80	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	111.20%
29) Benzene-d6	5.10	84	158489	24.16	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	96.64%
33) 1,2-Dichloropropane-d6	6.12	67	48535	25.29	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	101.16%
37) Toluene-d8	7.36	98	139579	22.48	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	89.92%
38) trans-1,3-Dichloropropene-	7.67	79	17528	22.33	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	89.32%
39) 2-Hexanone-d5	8.13	63	22153	61.85	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	123.70%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	50617	26.64	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	106.56%
61) 1,2-Dichlorobenzene-d4	11.68	152	51136	26.23	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	104.92%

Target Compounds

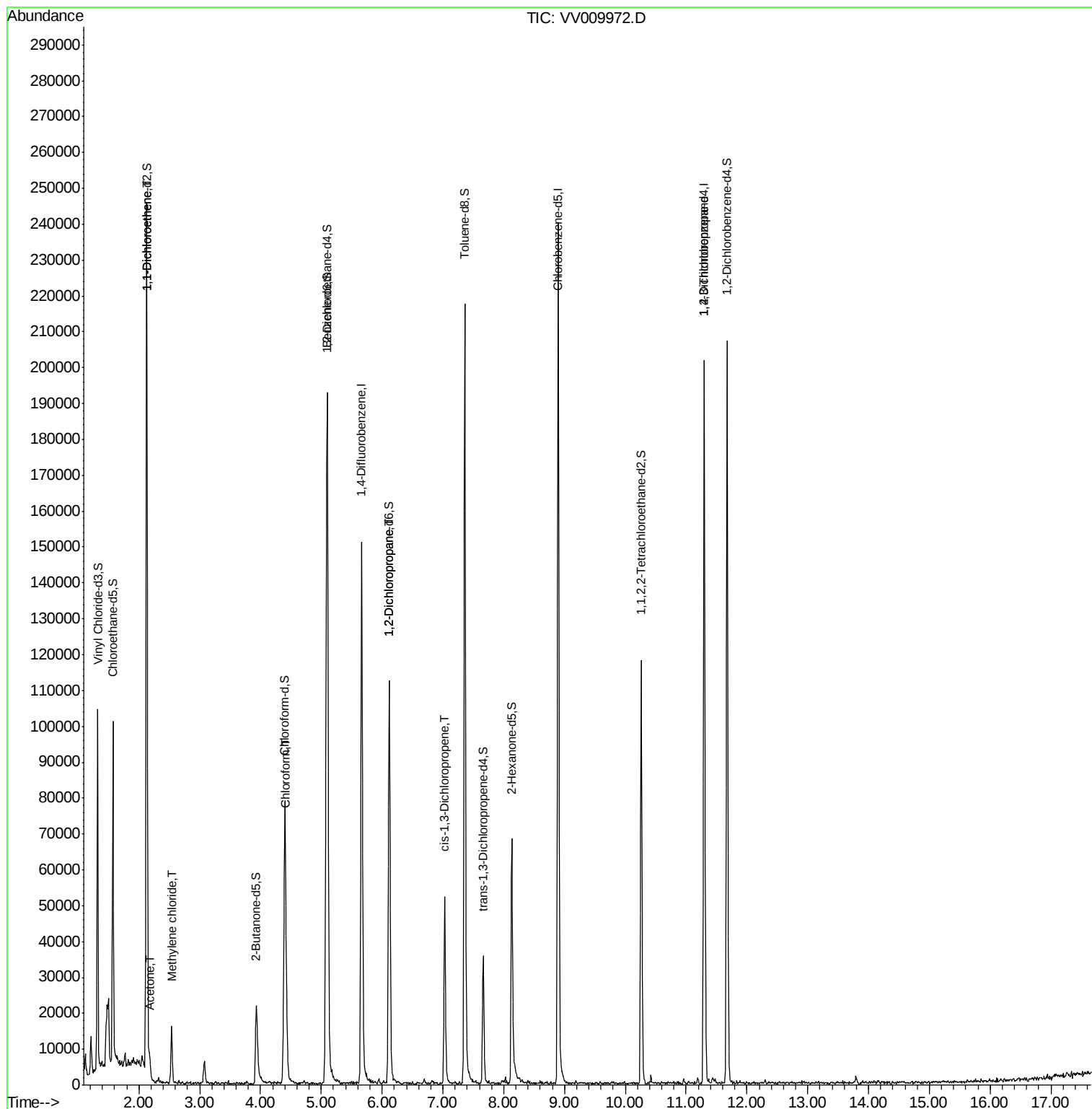
					Qvalue
12) 1,1-Dichloroethene	2.13	96	1431	0.469 ug/L #	1
13) Acetone	2.19	43	1993	2.790 ug/L	91
16) Methylene chloride	2.54	84	6139	2.988 ug/L	92
25) Chloroform	4.42	83	3485	1.054 ug/L #	1
40) 1,2-Dichloropropane	6.12	63	6029	3.518 ug/L #	92
42) cis-1,3-Dichloropropene	7.03	75	1523	0.610 ug/L	84
59) 1,2,3-Trichloropropane	11.30	75	8398	6.090 ug/L	94

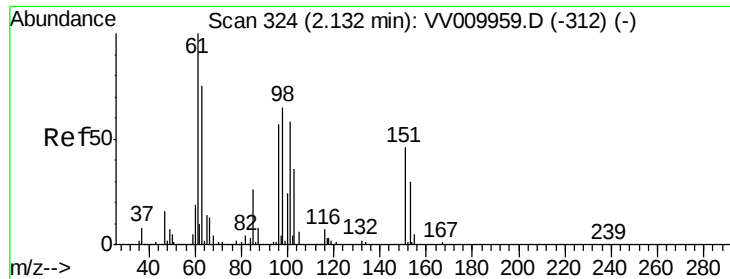
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.469 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.00 min

Lab File: VV009972.D

Acq: 28 Mar 2019 18:05

Instrument :

MSVOA_V

ClientSampled :

BF7X0

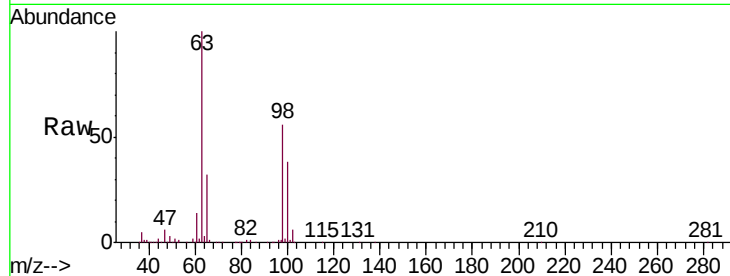
Tgt Ion: 96 Resp: 1431

Ion Ratio Lower Upper

96 100

61 1289.3 124.3 230.8#

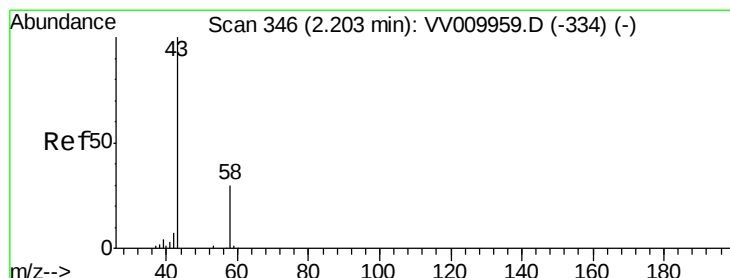
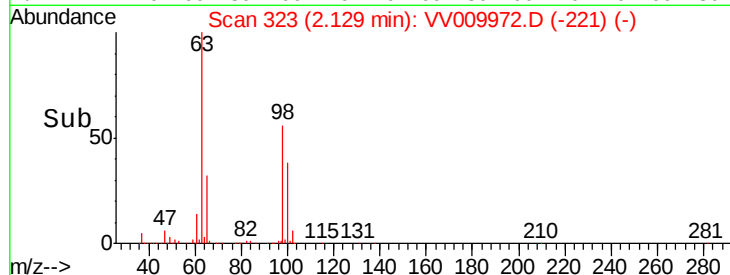
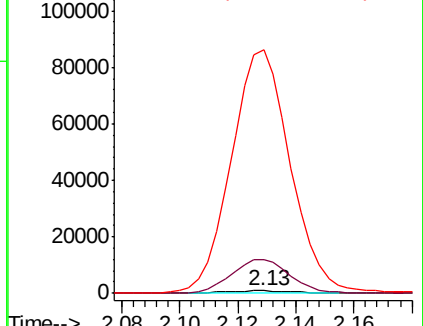
63 9205.1 88.2 163.8#



Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 63.00 (62.70 to 63.70): VV0



#13

Acetone

Concen: 2.790 ug/L

RT: 2.19 min Scan# 341

Delta R.T. -0.02 min

Lab File: VV009972.D

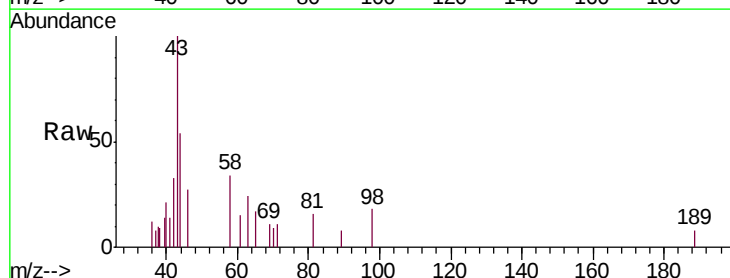
Acq: 28 Mar 2019 18:05

Tgt Ion: 43 Resp: 1993

Ion Ratio Lower Upper

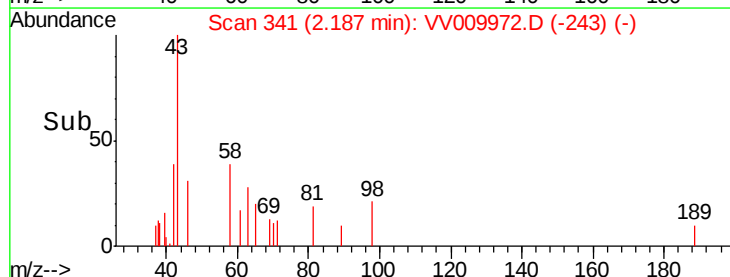
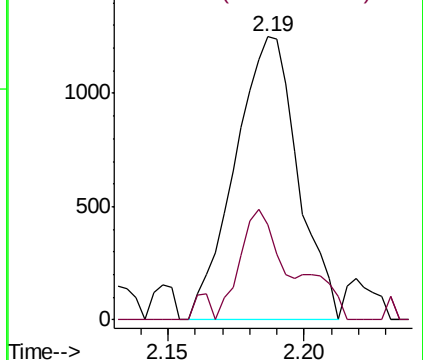
43 100

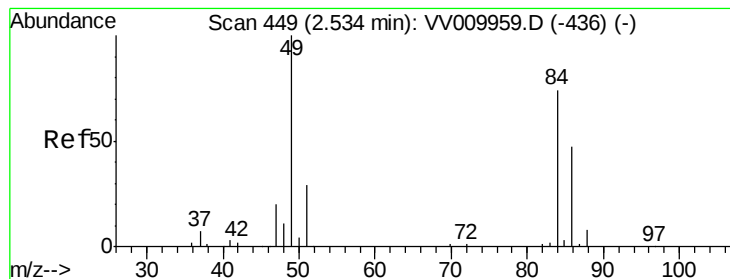
58 24.8 0.0 59.4



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0





#16

Methylene chloride

Concen: 2.988 ug/L

RT: 2.54 min Scan# 451

Delta R.T. 0.01 min

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Instrument :

MSVOA_V

ClientSampled :

BF7X0

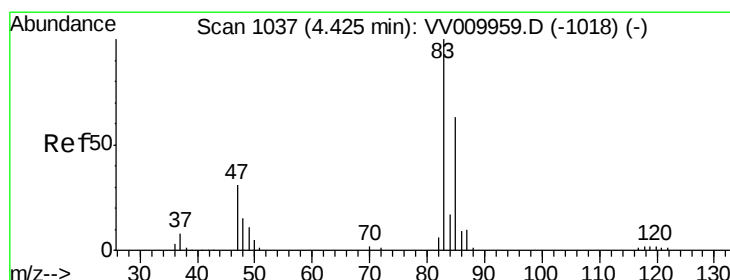
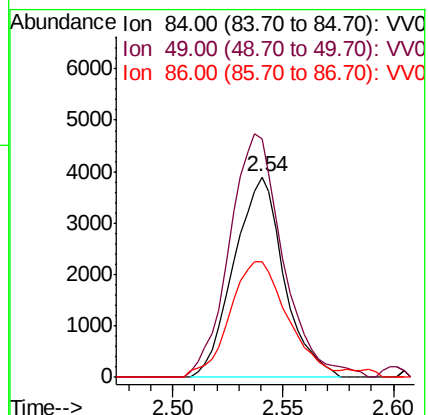
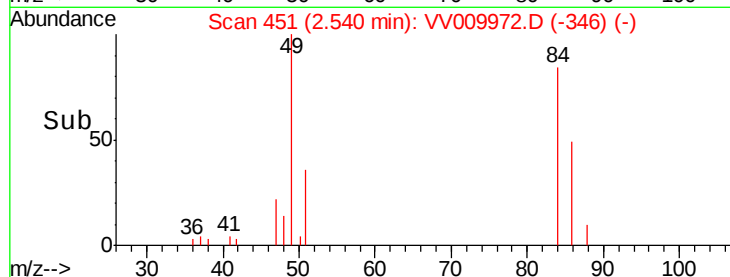
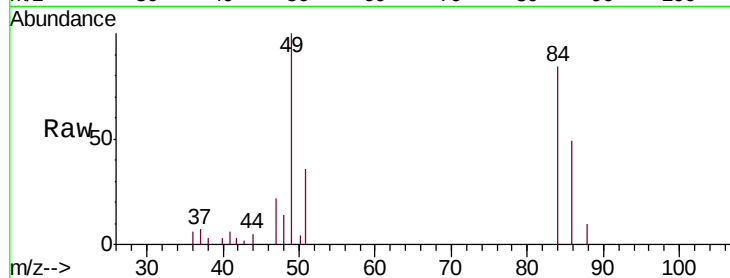
Tgt Ion: 84 Resp: 6139

Ion Ratio Lower Upper

84 100

49 119.2 90.4 167.8

86 58.0 44.0 81.6



#25

Chloroform

Concen: 1.054 ug/L

RT: 4.42 min Scan# 1036

Delta R.T. -0.00 min

Lab File: VV009972.D

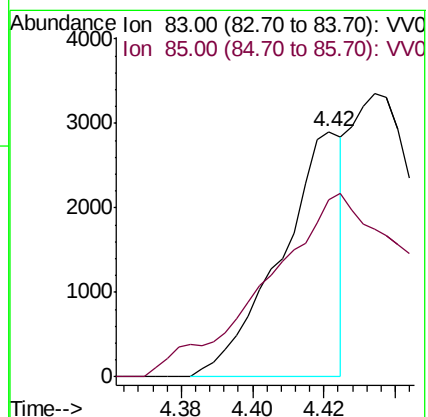
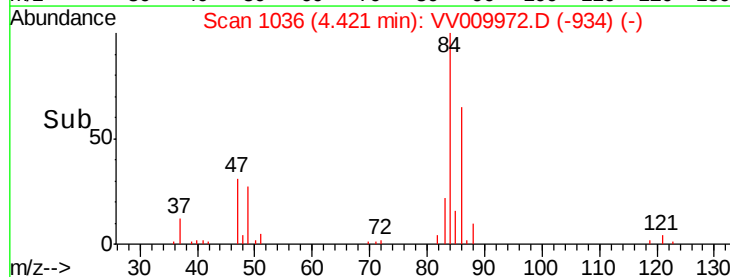
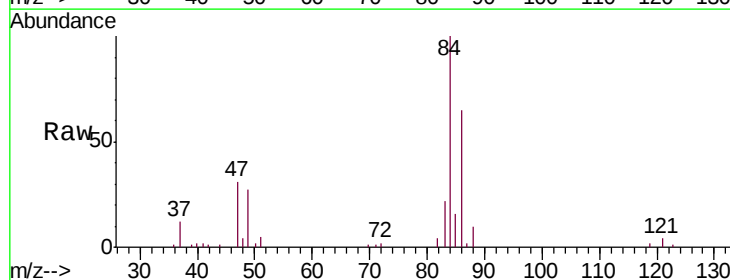
Acq: 28 Mar 2019 18:05

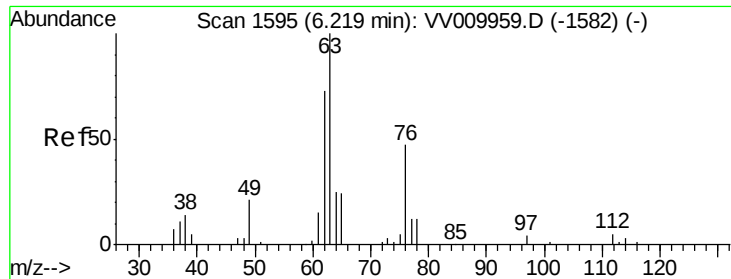
Tgt Ion: 83 Resp: 3485

Ion Ratio Lower Upper

83 100

85 159.7 46.1 85.7#

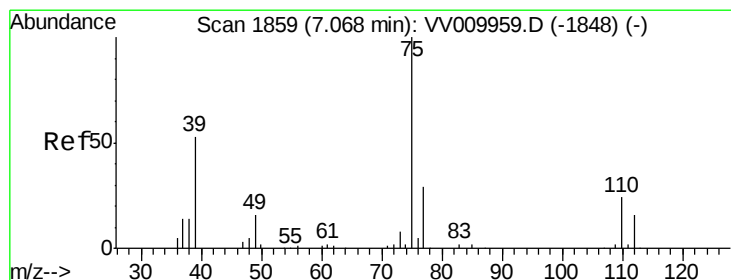
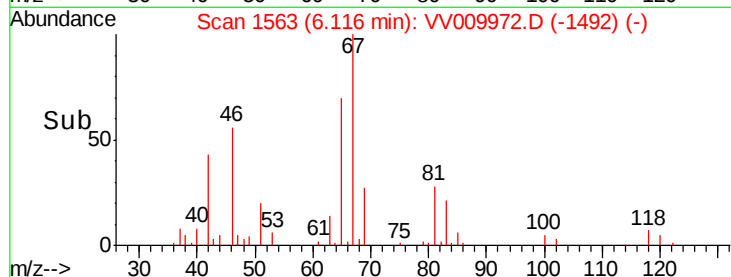
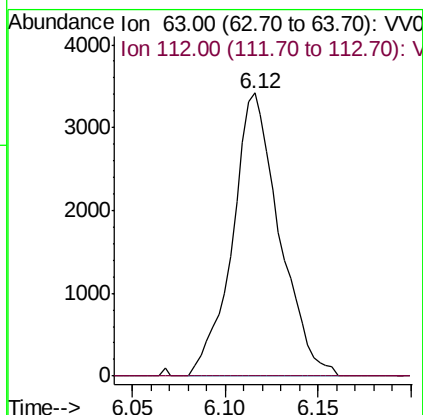
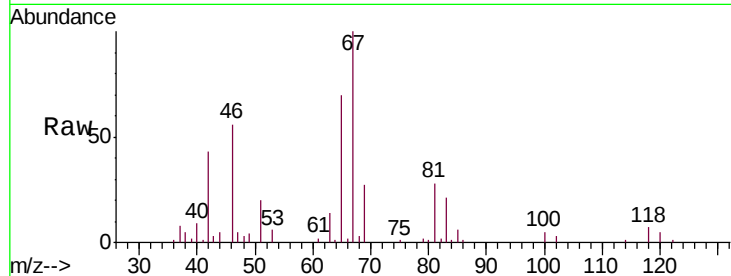




#40
 1,2-Dichloropropane
 Concen: 3.518 ug/L
 RT: 6.12 min Scan# 1563
 Delta R.T. -0.10 min
 Lab File: VV009972.D
 Acq: 28 Mar 2019 18:05

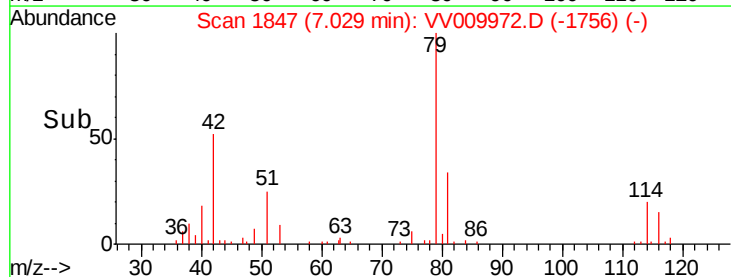
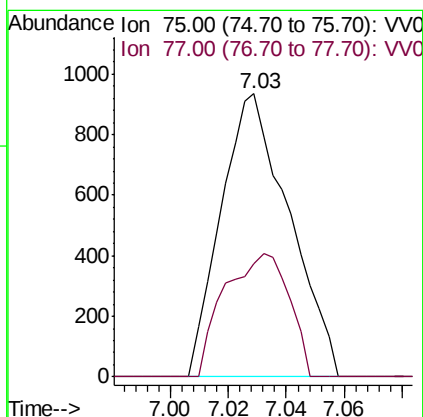
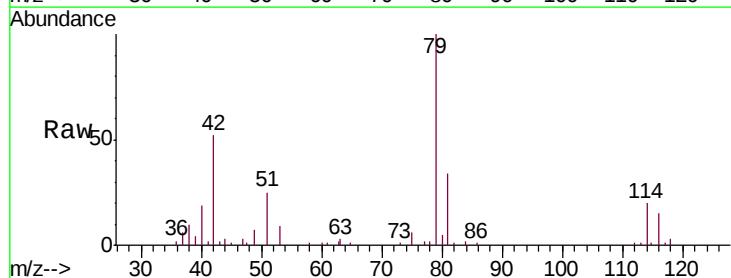
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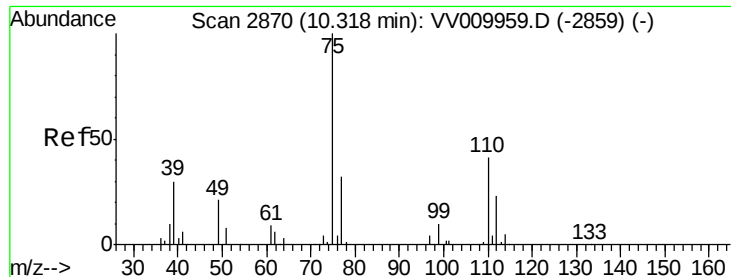
Tgt Ion: 63 Resp: 6029
 Ion Ratio Lower Upper
 63 100
 112 0.0 2.1 3.1#



#42
 cis-1,3-Dichloropropene
 Concen: 0.610 ug/L
 RT: 7.03 min Scan# 1847
 Delta R.T. -0.04 min
 Lab File: VV009972.D
 Acq: 28 Mar 2019 18:05

Tgt Ion: 75 Resp: 1523
 Ion Ratio Lower Upper
 75 100
 77 39.9 21.8 40.6





#59

1,2,3-Trichloropropane

Concen: 6.090 ug/L

RT: 11.30 min Scan# 3175

Delta R.T. 0.98 min

Lab File: VV009972.D

Acq: 28 Mar 2019 18:05

Instrument :

MSVOA_V

ClientSampleId :

BF7X0

Tgt Ion: 75 Resp: 8398

Ion Ratio Lower Upper

75 100

77 36.2 26.2 39.2

