

Data File : VV009975.D
Acq On : 28 Mar 2019 19:23
Operator : SY/MD
Sample : K2085-10
Misc : 6.06G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BF7T5RE

Quant Time: Mar 29 02:25:09 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	5.67	114	69228	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	71658	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	28588	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	27376	19.49	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	77.96%
7) Chloroethane-d5	1.58	69	32579	21.47	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.88%
10) 1,1-Dichloroethene-d2	2.13	63	62998	16.39	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	65.56%
20) 2-Butanone-d5	3.99	46	309	1.18	ug/L	0.05
Spiked Amount	50.000	Range	20 - 135	Recovery	=	2.36%#
24) Chloroform-d	4.40	84	46496	26.36	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	105.44%
26) 1,2-Dichloroethane-d4	5.09	65	34181	32.20	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	128.80%
29) Benzene-d6	5.10	84	92196	24.50	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	98.00%
33) 1,2-Dichloropropane-d6	6.12	67	30972	28.13	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	112.52%
37) Toluene-d8	7.36	98	77580	21.78	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	87.12%
38) trans-1,3-Dichloropropene-	7.67	79	10030	22.27	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	89.08%
39) 2-Hexanone-d5	8.13	63	11263	54.81	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	109.62%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	31256	28.67	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	114.68%
61) 1,2-Dichlorobenzene-d4	11.68	152	29330	26.95	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	107.80%

Target Compounds

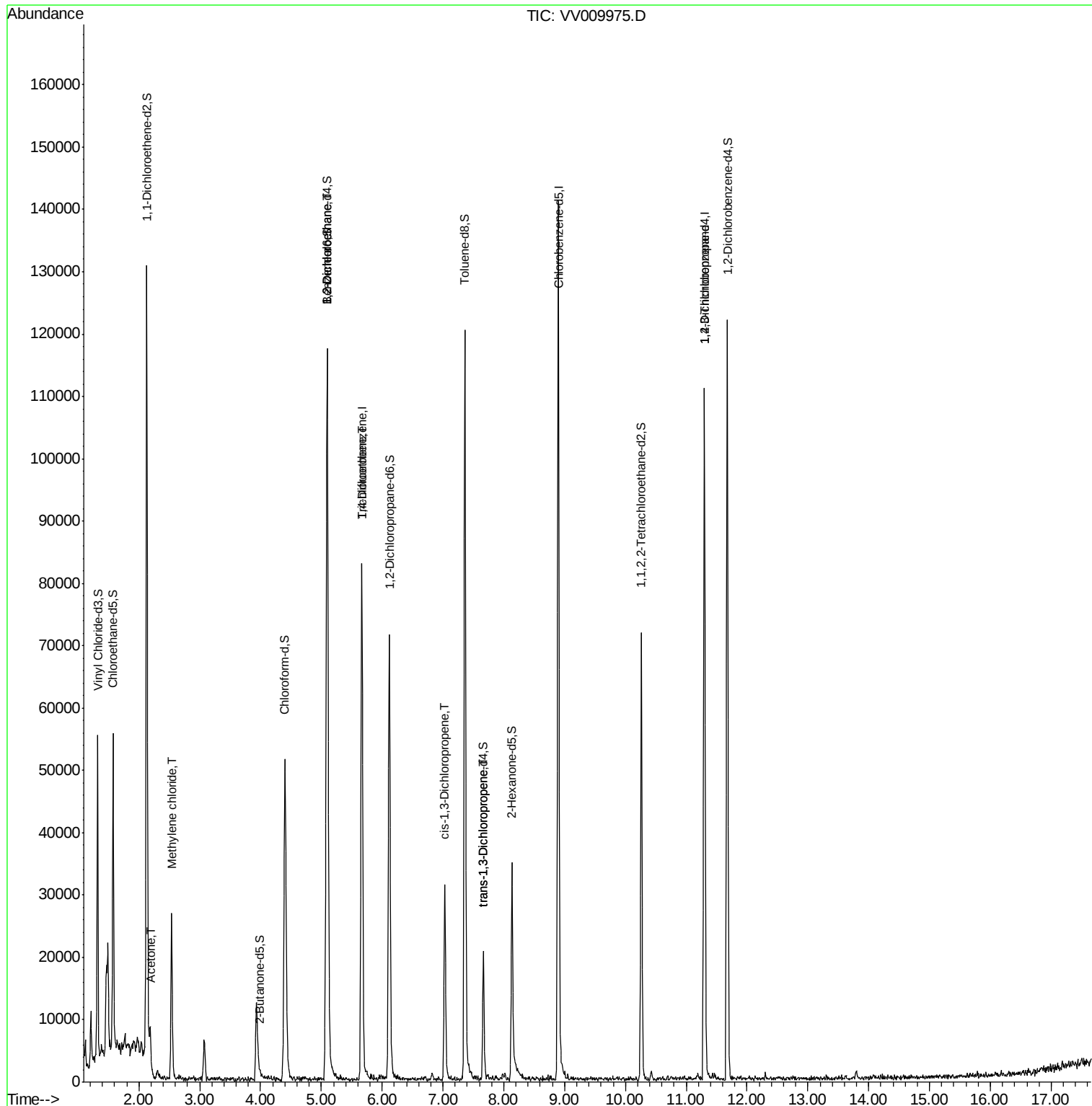
					Qvalue
13) Acetone	2.19	43	2598	6.555 ug/L	97
16) Methylene chloride	2.54	84	9811	8.606 ug/L	99
27) 1,2-Dichloroethane	5.09	62	333	0.256 ug/L #	75
35) Trichloroethene	5.67	95	1787	1.722 ug/L #	5
42) cis-1,3-Dichloropropene	7.03	75	1216	0.848 ug/L	100
45) trans-1,3-Dichloropropene	7.67	75	778	0.663 ug/L	90
59) 1,2,3-Trichloropropane	11.30	75	4341	5.487 ug/L	98

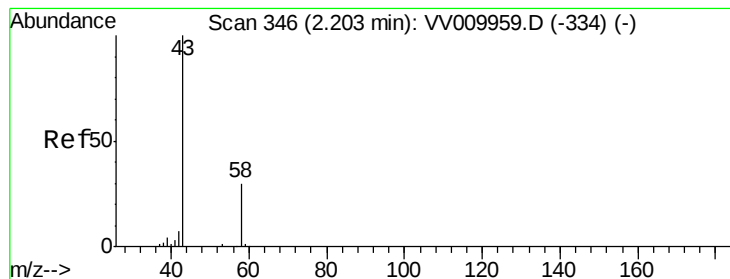
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 6.555 ug/L

RT: 2.19 min Scan# 341

Delta R.T. -0.02 min

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MSVOA_V

ClientSampleId :

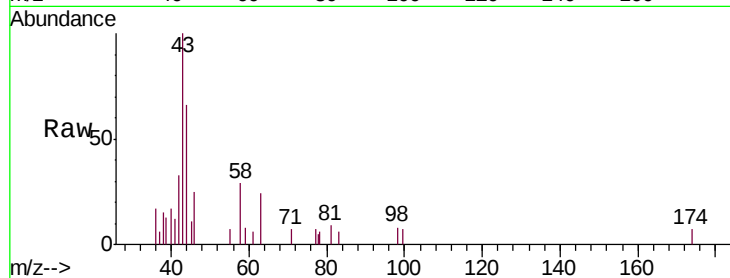
BF7T5RE

Tgt Ion: 43 Resp: 2598

Ion Ratio Lower Upper

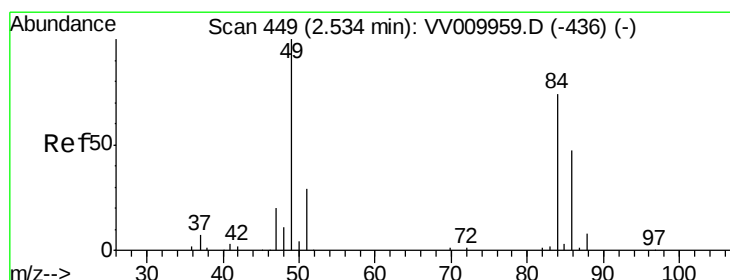
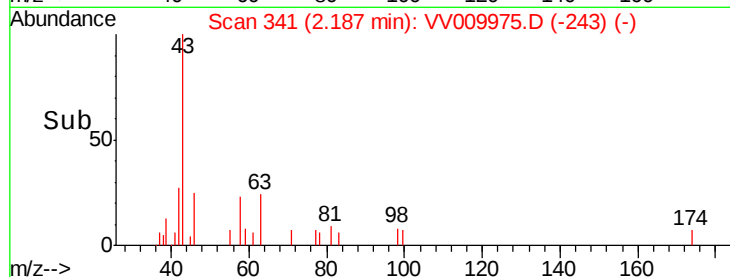
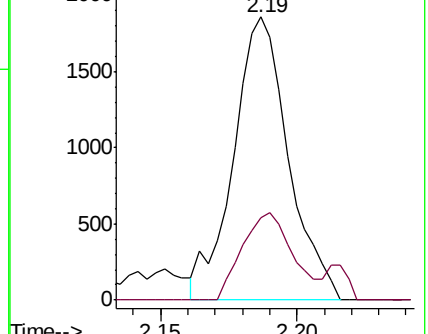
43 100

58 28.0 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: 8.606 ug/L

RT: 2.54 min Scan# 450

Delta R.T. 0.00 min

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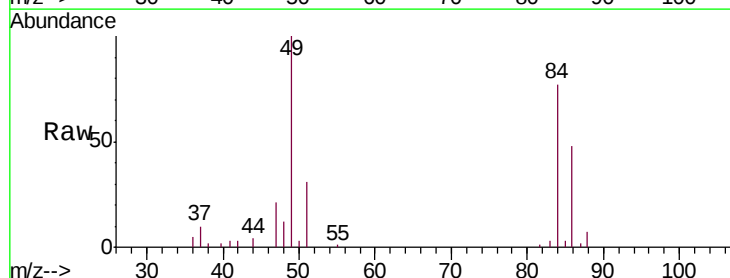
Tgt Ion: 84 Resp: 9811

Ion Ratio Lower Upper

84 100

49 130.2 90.4 167.8

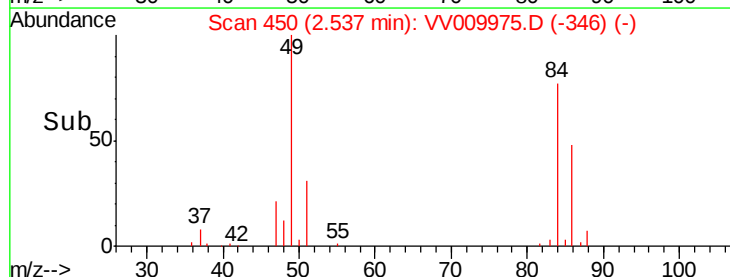
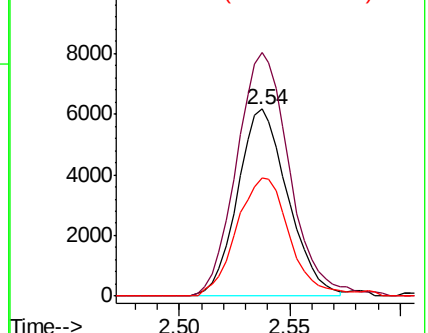
86 63.0 44.0 81.6

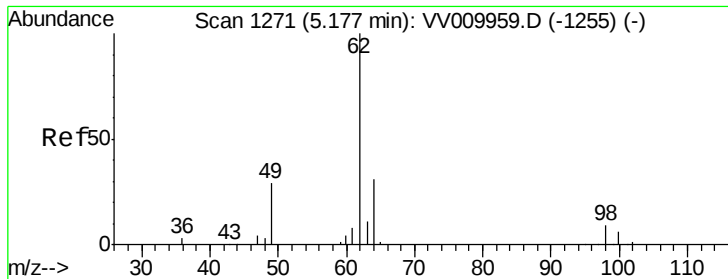


Abundance Ion 84.00 (83.70 to 84.70): VV0

Ion 49.00 (48.70 to 49.70): VV0

Ion 86.00 (85.70 to 86.70): VV0

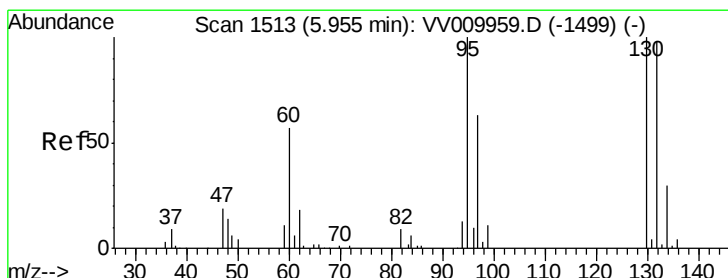
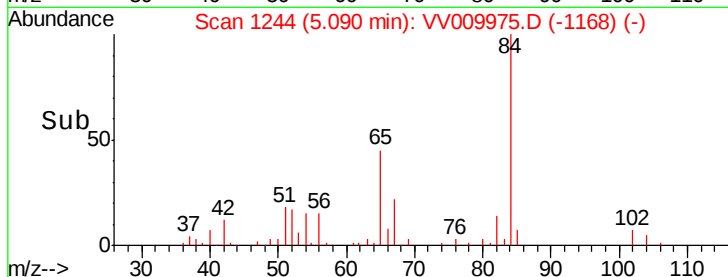
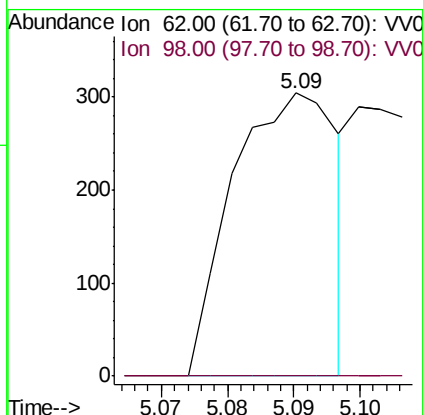
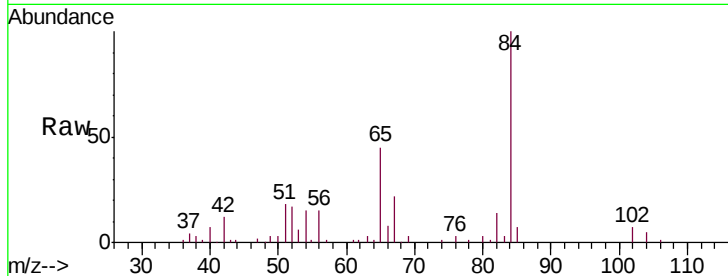




#27
 1,2-Dichloroethane
 Concen: 0.256 ug/L
 RT: 5.09 min Scan# 1244
 Delta R.T. -0.09 min
 Lab File: VV009975.D
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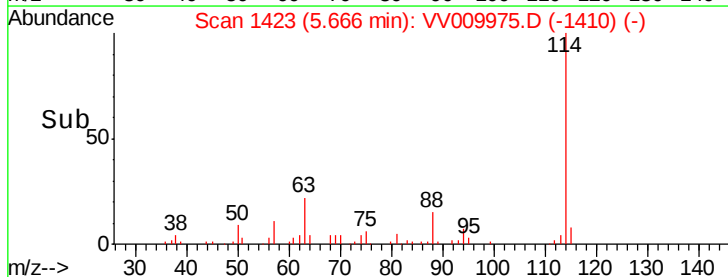
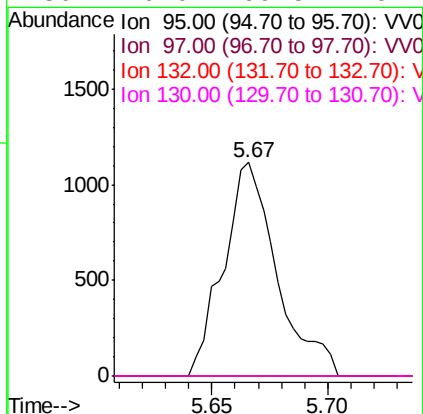
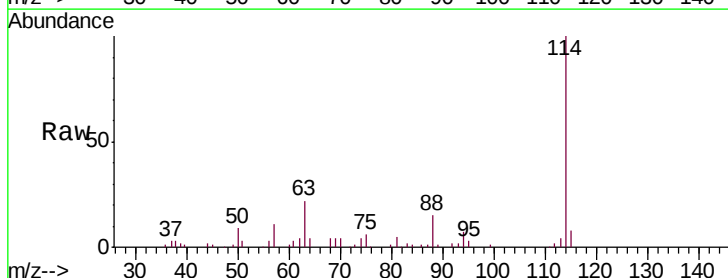
Instrument :
 MSVOA_V
 ClientSampleId :
 BF7T5RE

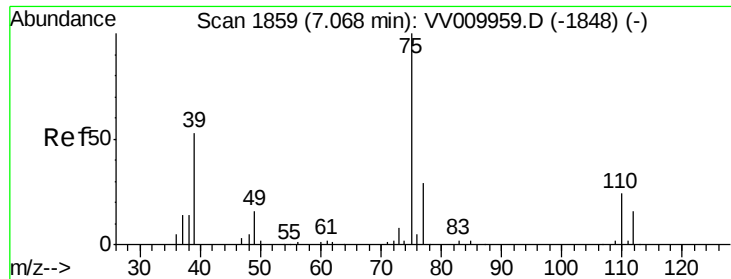
Tgt Ion: 62 Resp: 333
 Ion Ratio Lower Upper
 62 100
 98 0.0 7.2 10.8#



#35
 Trichloroethene
 Concen: 1.722 ug/L
 RT: 5.67 min Scan# 1423
 Delta R.T. -0.29 min
 Lab File: VV009975.D
 Acq: 28 Mar 2019 19:23

Tgt Ion: 95 Resp: 1787
 Ion Ratio Lower Upper
 95 100
 97 0.0 46.3 85.9#
 132 0.0 69.3 128.7#
 130 0.0 69.5 129.1#



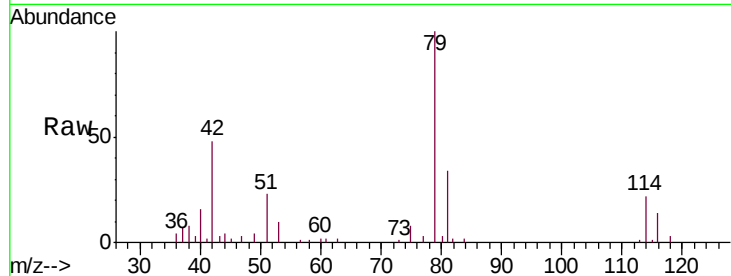


#42

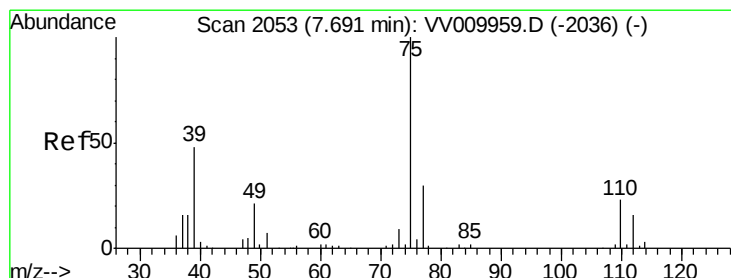
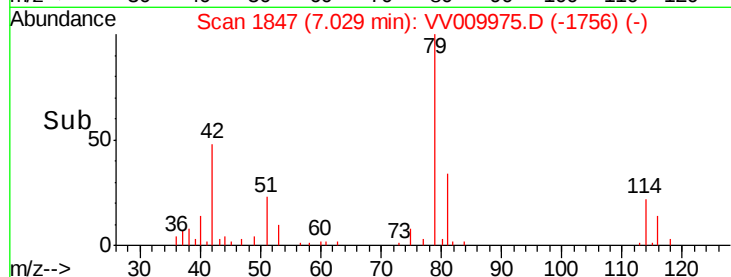
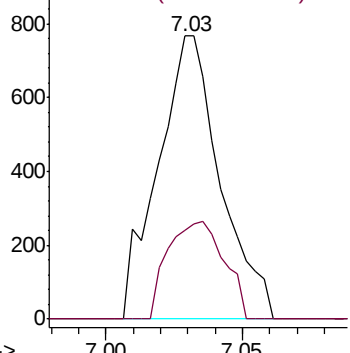
cis-1,3-Dichloropropene
Concen: 0.848 ug/L
RT: 7.03 min Scan# 1847
Delta R.T. -0.04 min
Lab File: VV009975.D
Acq: 28 Mar 2019 19:23

Instrument :
MSVOA_V
ClientSampleId :
BF7T5RE

Tgt Ion: 75 Resp: 1216
Ion Ratio Lower Upper
75 100
77 31.4 21.8 40.6



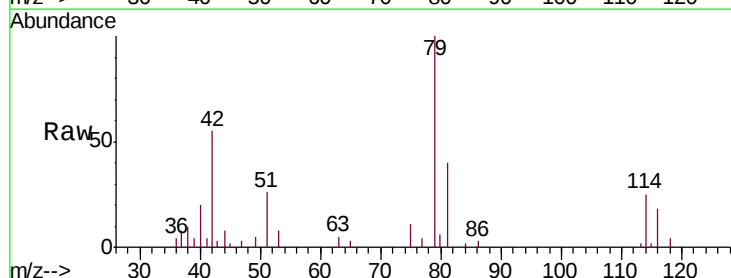
Abundance Ion 75.00 (74.70 to 75.70): VV0
Ion 77.00 (76.70 to 77.70): VV0



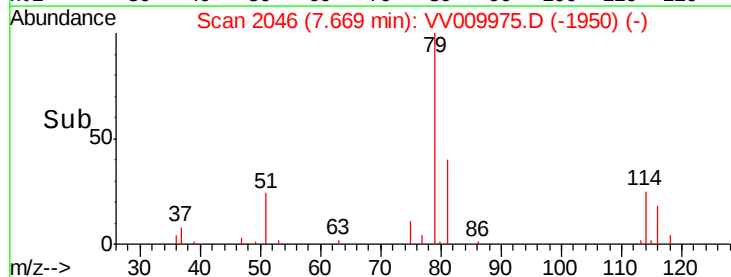
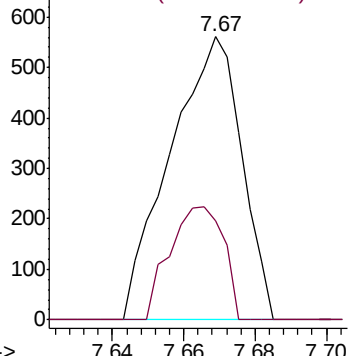
#45

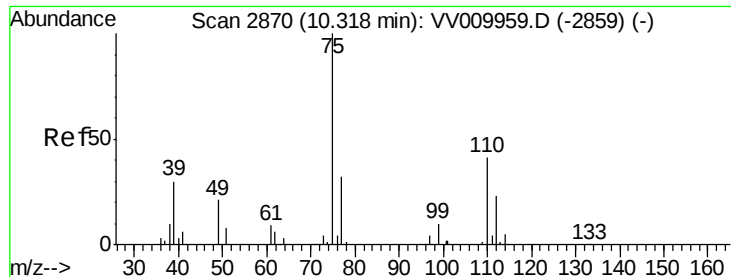
trans-1,3-Dichloropropene
Concen: 0.663 ug/L
RT: 7.67 min Scan# 2046
Delta R.T. -0.02 min
Lab File: VV009975.D
Acq: 28 Mar 2019 19:23

Tgt Ion: 75 Resp: 778
Ion Ratio Lower Upper
75 100
77 35.1 20.7 38.5



Abundance Ion 75.00 (74.70 to 75.70): VV0
Ion 77.00 (76.70 to 77.70): VV0





#59

1,2,3-Trichloropropane

Concen: 5.487 ug/L

RT: 11.30 min Scan# 3174

Delta R.T. 0.98 min

Lab File: VV009975.D

Acq: 28 Mar 2019 19:23

Instrument :

MSVOA_V

ClientSampleId :

BF7T5RE

Tgt Ion: 75 Resp: 4341

Ion Ratio Lower Upper

75 100

77 34.0 26.2 39.2

