

Data File : VV009964.D
Acq On : 28 Mar 2019 14:36
Operator : SY/MD
Sample : K2128-08
Misc : 5.85G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BF0Q7

Quant Time: Mar 29 02:23:04 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	188142	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	179816	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	75146	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	87707	22.97	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.88%
7) Chloroethane-d5	1.56	69	95637	23.19	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.76%
10) 1,1-Dichloroethene-d2	2.13	63	198607	19.02	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	76.08%
20) 2-Butanone-d5	3.93	46	30432	42.77	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	85.54%
24) Chloroform-d	4.40	84	97743	20.39	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	81.56%
26) 1,2-Dichloroethane-d4	5.08	65	68633	23.79	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	95.16%
29) Benzene-d6	5.10	84	244840	25.93	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	103.72%
33) 1,2-Dichloropropane-d6	6.12	67	72157	26.12	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	104.48%
37) Toluene-d8	7.36	98	224728	25.14	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	100.56%
38) trans-1,3-Dichloropropene-	7.66	79	24474	21.65	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	86.60%
39) 2-Hexanone-d5	8.13	63	21024	40.77	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	81.54%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	57512	21.03	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	84.12%
61) 1,2-Dichlorobenzene-d4	11.67	152	72640	25.39	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	101.56%

Target Compounds

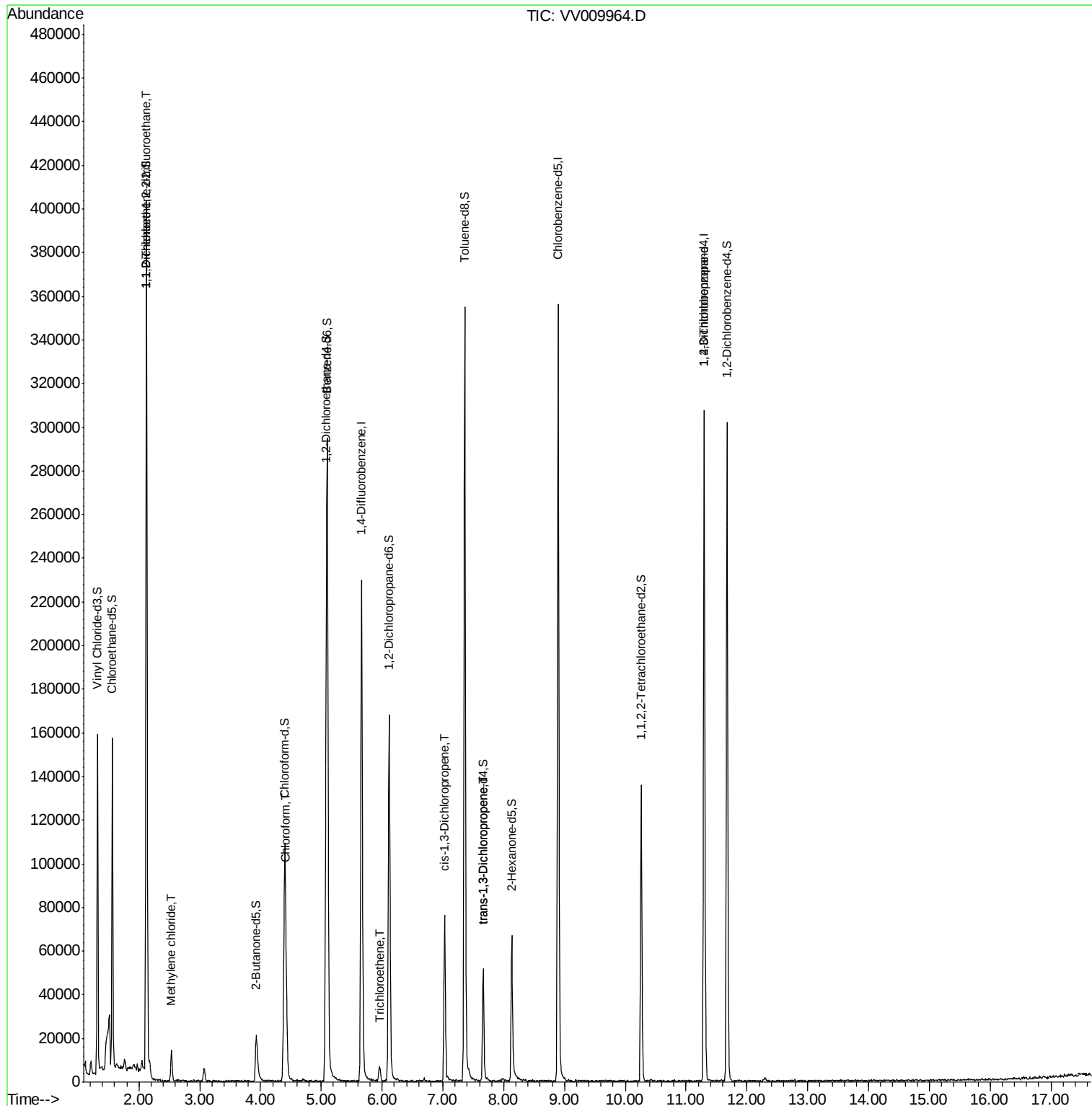
					Qvalue	
11) 1,1,2-Trichloro-1,2,2-trif	2.13	101	3336	0.615	ug/L #	66
16) Methylene chloride	2.53	84	5450	1.759	ug/L	98
25) Chloroform	4.42	83	20387	4.090	ug/L	99
35) Trichloroethene	5.96	95	2048	0.786	ug/L #	72
42) cis-1,3-Dichloropropene	7.03	75	2488	0.692	ug/L #	82
45) trans-1,3-Dichloropropene	7.67	75	1381	0.469	ug/L	94
59) 1,2,3-Trichloropropane	11.30	75	11532	5.809	ug/L #	82

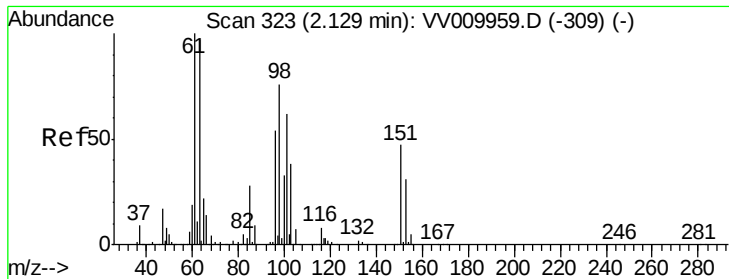
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#11

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.615 ug/L

RT: 2.13 min Scan# 323

Delta R.T. 0.00 min

Lab File: VV009964.D

Acq: 28 Mar 2019 14:36

Instrument :

MSVOA_V

ClientSampled :

BF0Q7

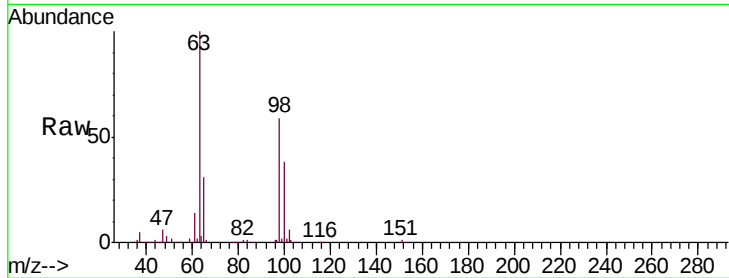
Tgt Ion:101 Resp: 3336

Ion Ratio Lower Upper

101 100

85 31.9 36.9 55.3#

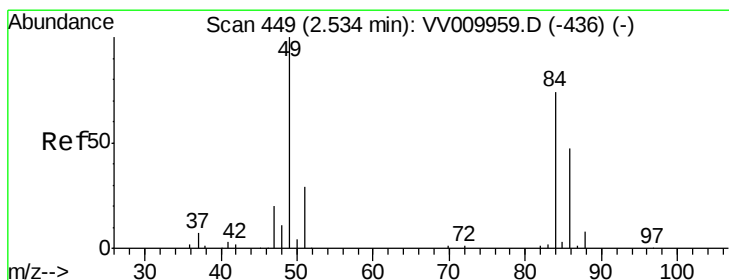
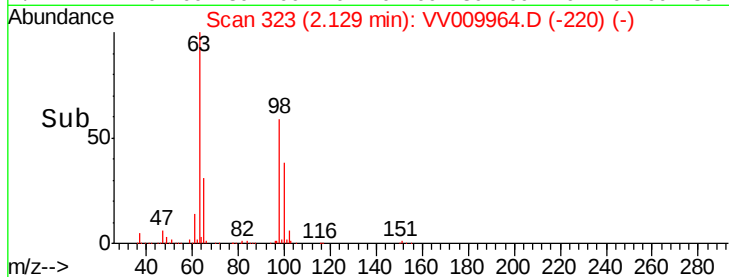
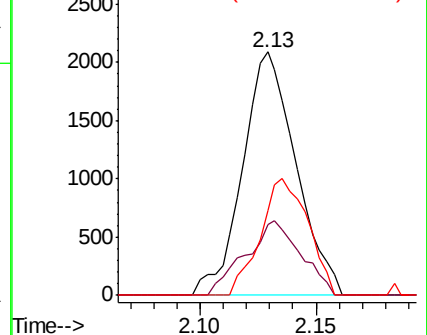
151 42.7 63.6 95.4#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VV0

Ion 151.00 (150.70 to 151.70): V



#16

Methylene chloride

Concen: 1.759 ug/L

RT: 2.53 min Scan# 448

Delta R.T. -0.00 min

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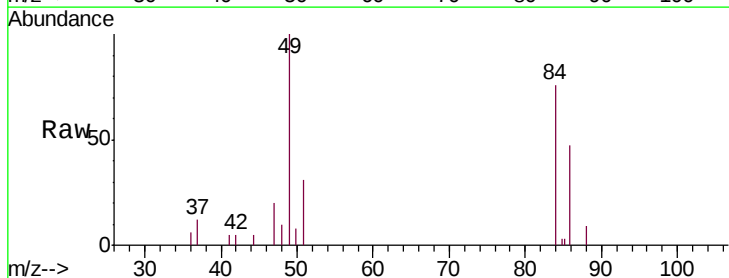
Tgt Ion: 84 Resp: 5450

Ion Ratio Lower Upper

84 100

49 130.9 90.4 167.8

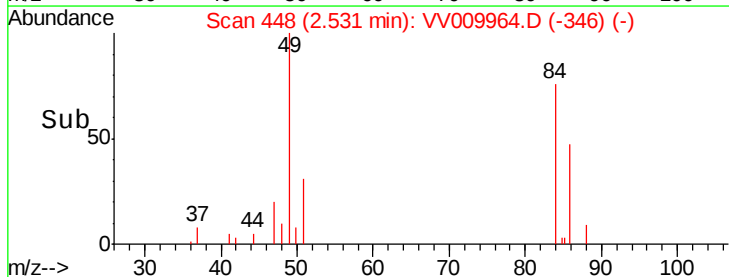
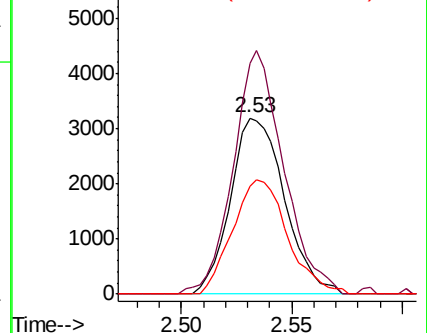
86 61.3 44.0 81.6

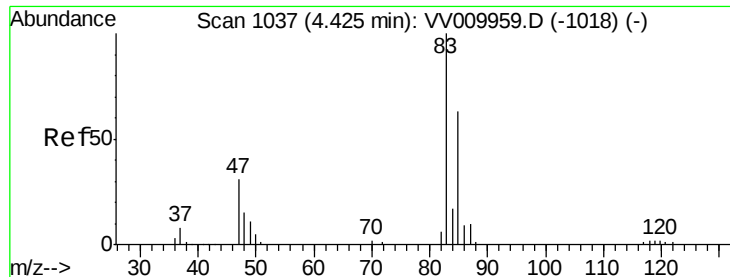


Abundance Ion 84.00 (83.70 to 84.70): VV0

Ion 49.00 (48.70 to 49.70): VV0

Ion 86.00 (85.70 to 86.70): VV0

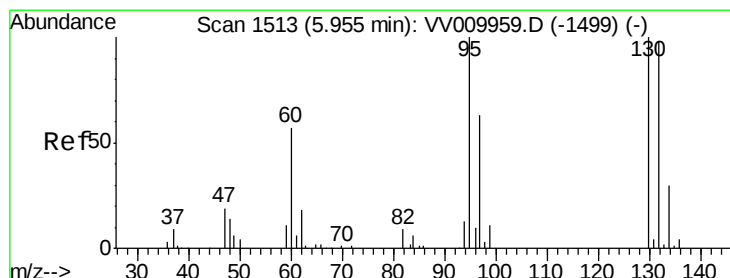
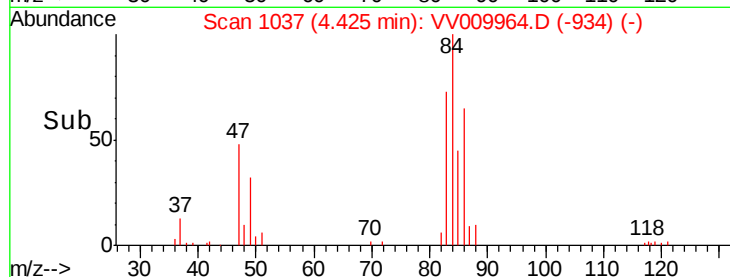
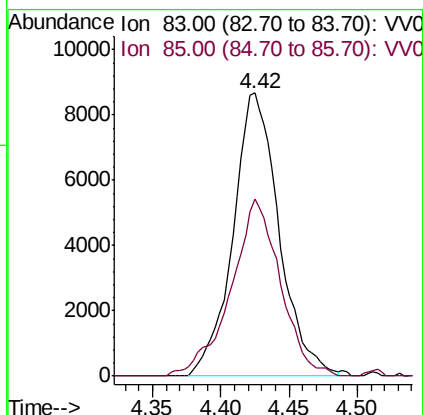
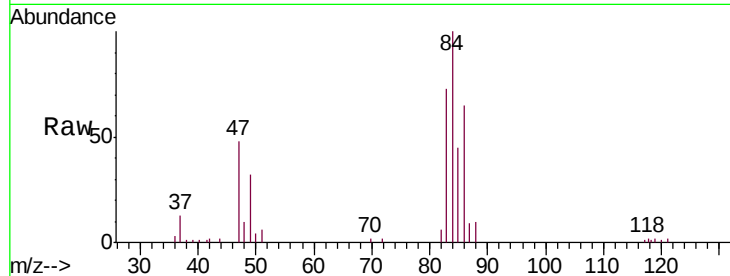




#25
Chloroform
Concen: 4.090 ug/L
RT: 4.42 min Scan# 1037
Delta R.T. 0.00 min
Lab File: VV009964.D
Acq: 28 Mar 2019 14:36

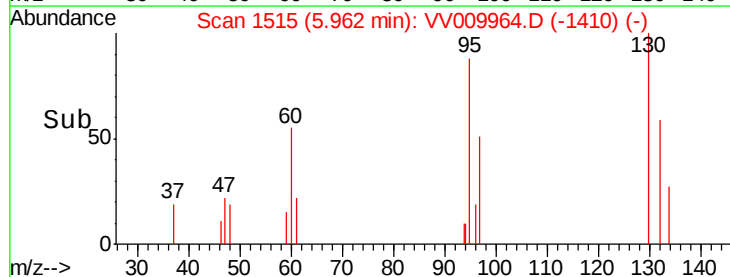
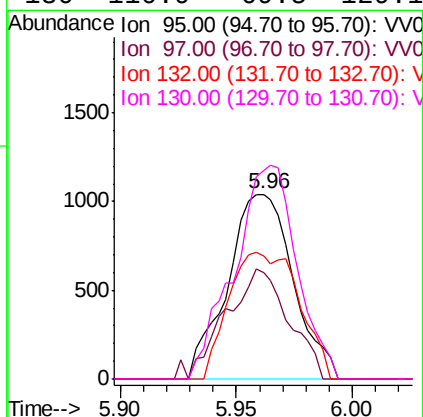
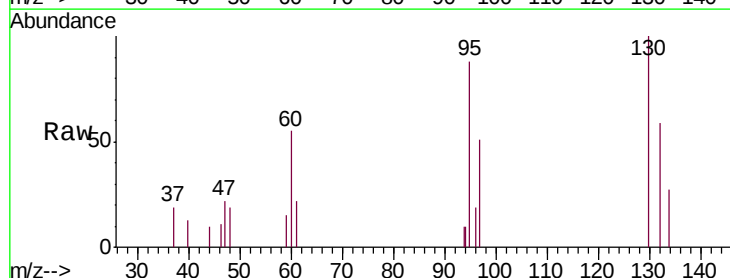
Instrument :
MSVOA_V
ClientSampleId :
BF0Q7

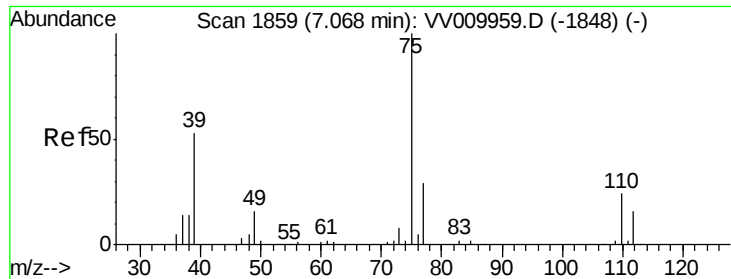
Tgt Ion: 83 Resp: 20387
Ion Ratio Lower Upper
83 100
85 66.8 46.1 85.7



#35
Trichloroethene
Concen: 0.786 ug/L
RT: 5.96 min Scan# 1515
Delta R.T. 0.01 min
Lab File: VV009964.D
Acq: 28 Mar 2019 14:36

Tgt Ion: 95 Resp: 2048
Ion Ratio Lower Upper
95 100
97 56.7 46.3 85.9
132 44.8 69.3 128.7#
130 110.9 69.5 129.1



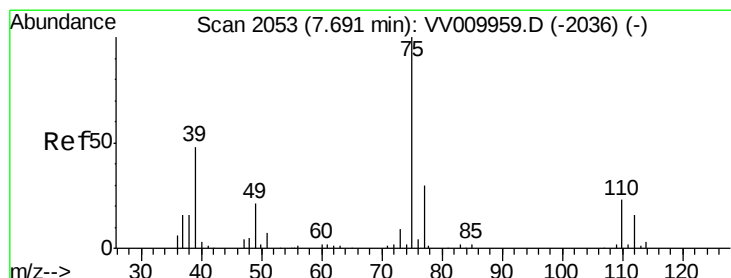
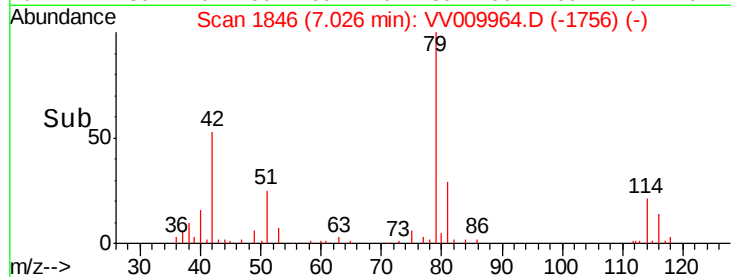
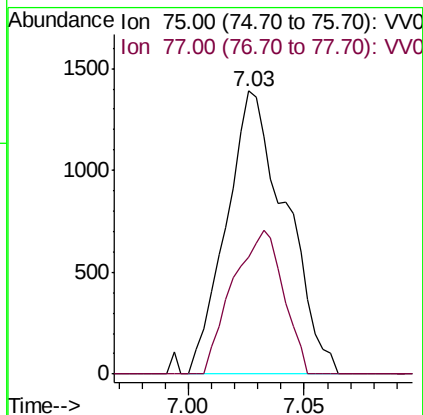
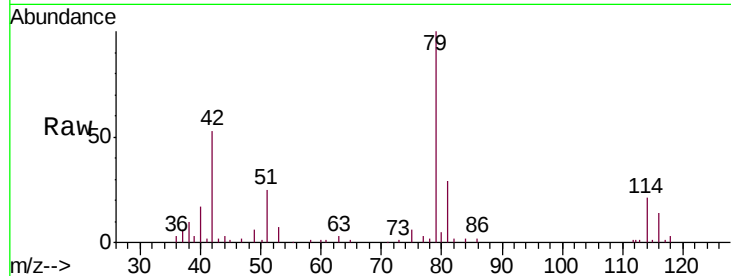


#42

cis-1,3-Dichloropropene
Concen: 0.692 ug/L
RT: 7.03 min Scan# 1846
Delta R.T. -0.04 min
Lab File: VV009964.D
Acq: 28 Mar 2019 14:36

Instrument :
MSVOA_V
ClientSampleId :
BF0Q7

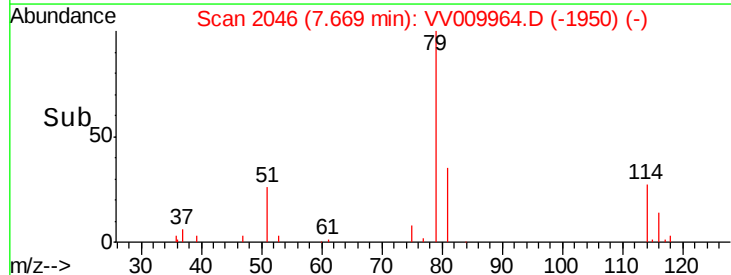
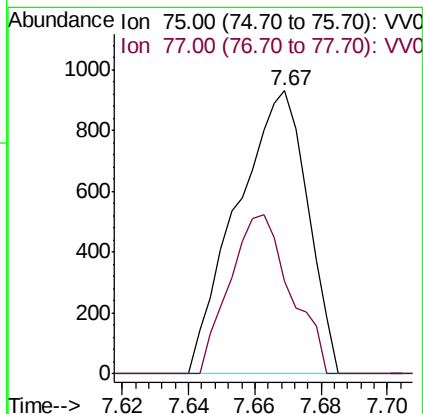
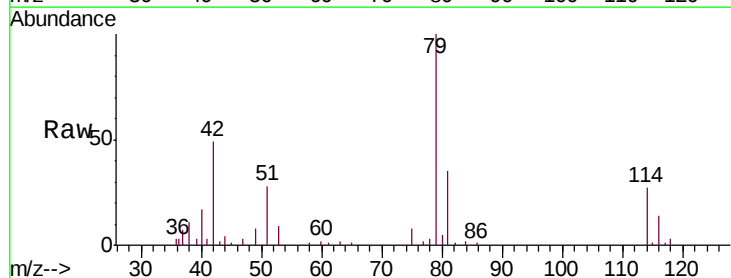
Tgt Ion: 75 Resp: 2488
Ion Ratio Lower Upper
75 100
77 41.3 21.8 40.6#

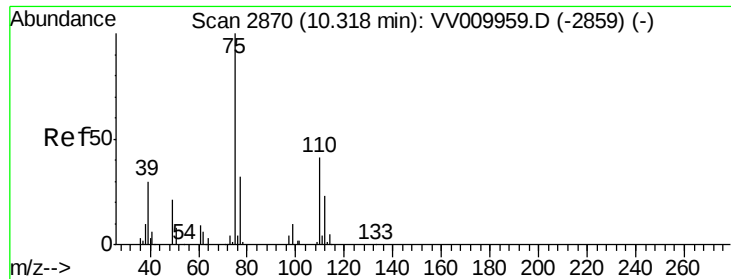


#45

trans-1,3-Dichloropropene
Concen: 0.469 ug/L
RT: 7.67 min Scan# 2046
Delta R.T. -0.02 min
Lab File: VV009964.D
Acq: 28 Mar 2019 14:36

Tgt Ion: 75 Resp: 1381
Ion Ratio Lower Upper
75 100
77 32.8 20.7 38.5





#59

1,2,3-Trichloropropane

Concen: 5.809 ug/L

RT: 11.30 min Scan# 3174

Delta R.T. 0.98 min

Lab File: VV009964.D

Acq: 28 Mar 2019 14:36

Instrument :

MSVOA_V

ClientSampleId :

BF0Q7

Tgt Ion: 75 Resp: 11532

Ion Ratio Lower Upper

75 100

77 43.0 26.2 39.2#

