

Data File : VV009963.D
Acq On : 28 Mar 2019 14:10
Operator : SY/MD
Sample : K2128-04
Misc : 5.20G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BF0L9

Quant Time: Mar 29 02:22:54 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	134091	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	123959	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	44513	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	40963	15.05	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	60.20%
7) Chloroethane-d5	1.55	69	46739	15.90	ug/L	-0.03
Spiked Amount	25.000	Range	30 - 150	Recovery	=	63.60%
10) 1,1-Dichloroethene-d2	2.11	63	135112	18.15	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	72.60%
20) 2-Butanone-d5	4.04	46	128	0.25	ug/L	0.09
Spiked Amount	50.000	Range	20 - 135	Recovery	=	0.50%#
24) Chloroform-d	4.39	84	45825	13.41	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	53.64%
26) 1,2-Dichloroethane-d4	5.07	65	50539	24.58	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	98.32%
29) Benzene-d6	5.09	84	170403	26.18	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	104.72%
33) 1,2-Dichloropropane-d6	6.11	67	50007	26.26	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	105.04%
37) Toluene-d8	7.36	98	149417	24.25	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	97.00%
38) trans-1,3-Dichloropropene-	7.66	79	16393	21.04	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	84.16%
39) 2-Hexanone-d5	8.13	63	16529	46.50	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	93.00%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	43666	23.16	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	92.64%
61) 1,2-Dichlorobenzene-d4	11.68	152	40572	23.94	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	95.76%

Target Compounds

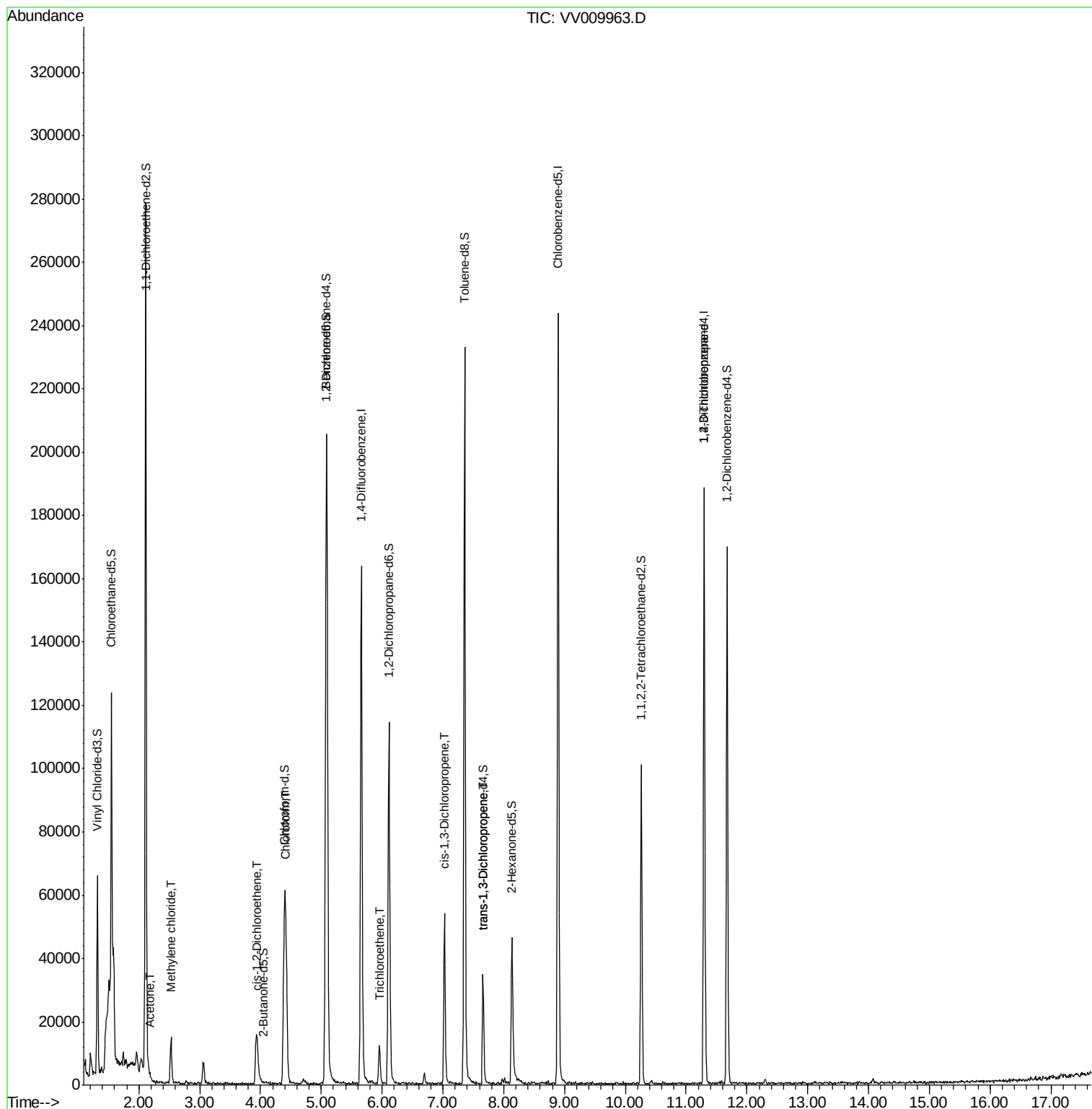
						Qvalue
13) Acetone	2.18	43	921	1.200	ug/L	80
16) Methylene chloride	2.53	84	5937	2.689	ug/L	100
22) cis-1,2-Dichloroethene	3.95	96	2060	1.062	ug/L #	80
25) Chloroform	4.42	83	34872	9.816	ug/L	98
35) Trichloroethene	5.95	95	1728	0.962	ug/L #	1
42) cis-1,3-Dichloropropene	7.02	75	1823	0.735	ug/L	87
45) trans-1,3-Dichloropropene	7.66	75	1215	0.599	ug/L #	39
59) 1,2,3-Trichloropropane	11.30	75	7347	5.368	ug/L	94

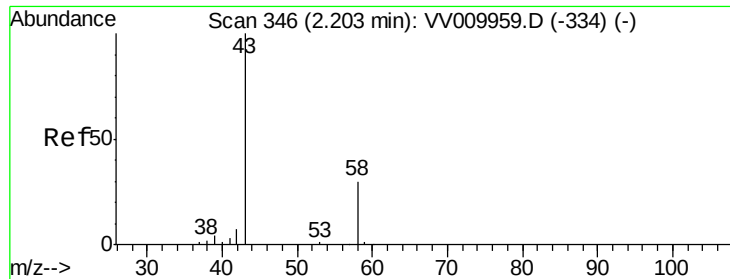
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Fri Mar 29 02:19:37 2019
Response via : Initial Calibration





#13

Acetone

Concen: 1.200 ug/L

RT: 2.18 min Scan# 340

Delta R.T. -0.02 min

Lab File: VV009963.D

Acq: 28 Mar 2019 14:10

Instrument :

MSVOA_V

ClientSampled :

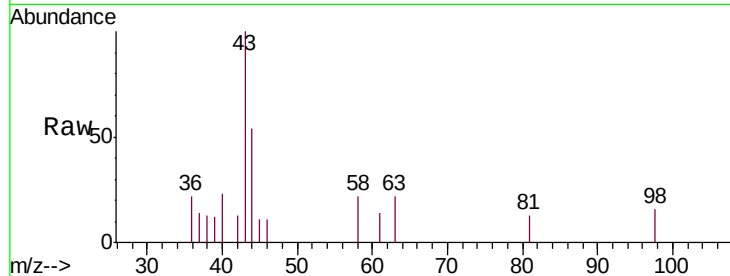
BF0L9

Tgt Ion: 43 Resp: 921

Ion Ratio Lower Upper

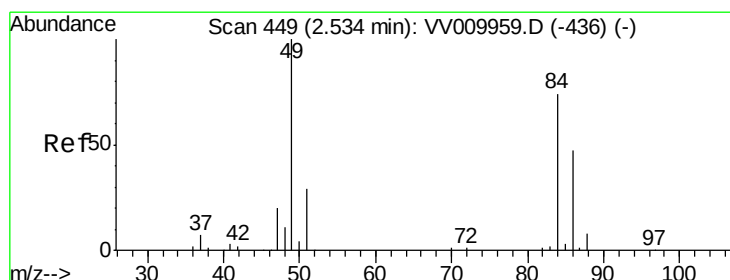
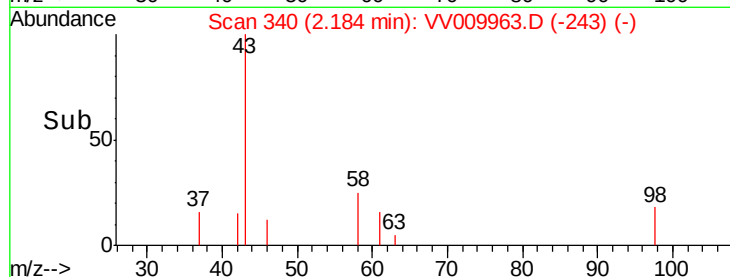
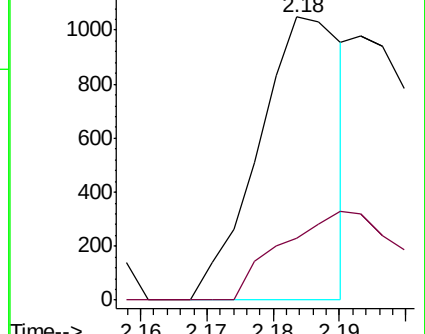
43 100

58 40.4 0.0 59.4



Abundance Ion 43.00 (42.70 to 43.70): VV009959.D (-334) (-)

Ion 58.00 (57.70 to 58.70): VV009959.D (-334) (-)



#16

Methylene chloride

Concen: 2.689 ug/L

RT: 2.53 min Scan# 447

Delta R.T. -0.01 min

Lab File: VV009963.D

Acq: 28 Mar 2019 14:10

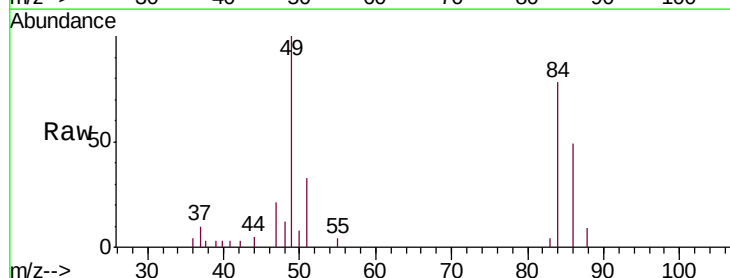
Tgt Ion: 84 Resp: 5937

Ion Ratio Lower Upper

84 100

49 128.9 90.4 167.8

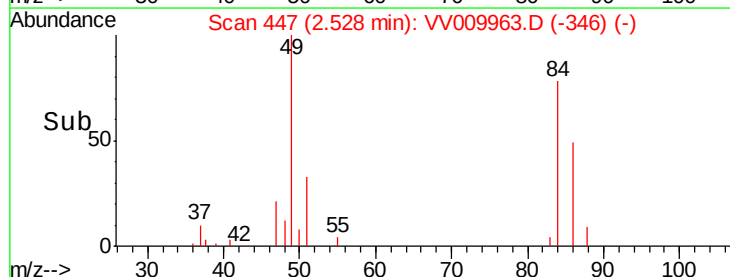
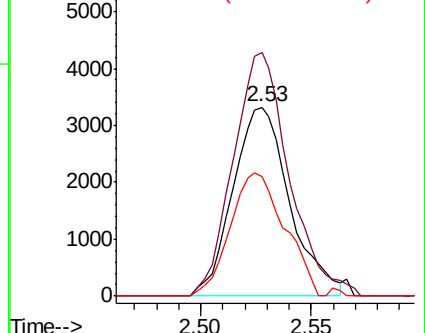
86 63.1 44.0 81.6

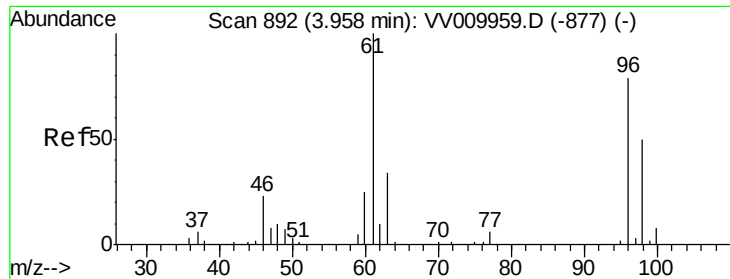


Abundance Ion 84.00 (83.70 to 84.70): VV009959.D (-436) (-)

Ion 49.00 (48.70 to 49.70): VV009959.D (-436) (-)

Ion 86.00 (85.70 to 86.70): VV009959.D (-436) (-)



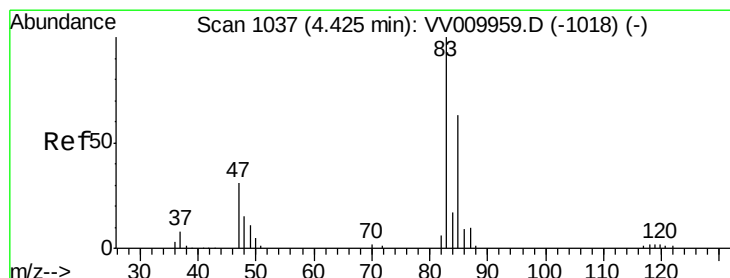
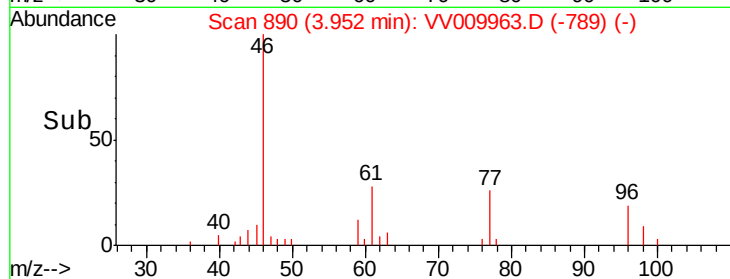
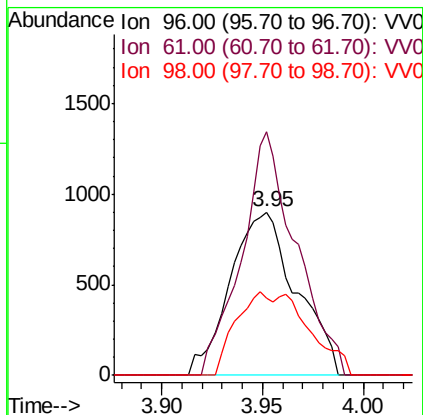
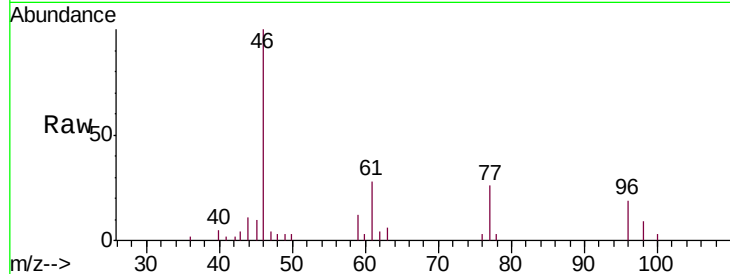


#22

cis-1,2-Dichloroethene
 Concen: 1.062 ug/L
 RT: 3.95 min Scan# 890
 Delta R.T. -0.01 min
 Lab File: VV009963.D
 Acq: 28 Mar 2019 14:10

Instrument :
 MSVOA_V
 ClientSampled :
 BF0L9

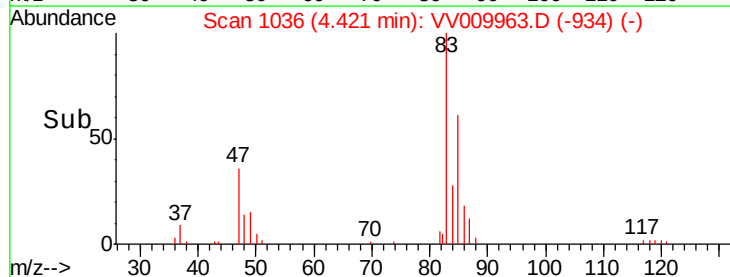
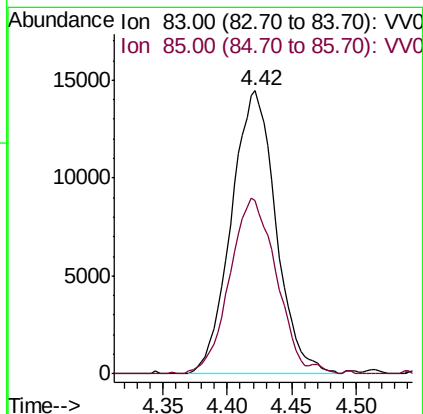
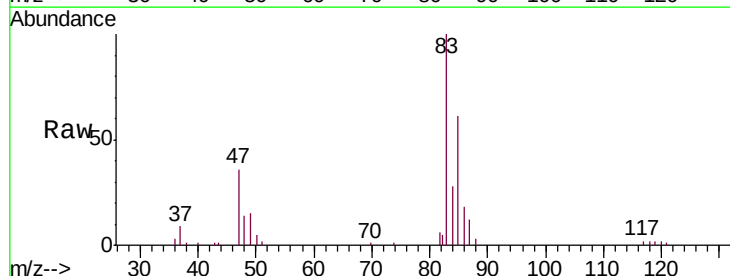
Tgt Ion: 96 Resp: 2060
 Ion Ratio Lower Upper
 96 100
 61 149.4 91.4 169.8
 98 47.2 48.0 89.2#

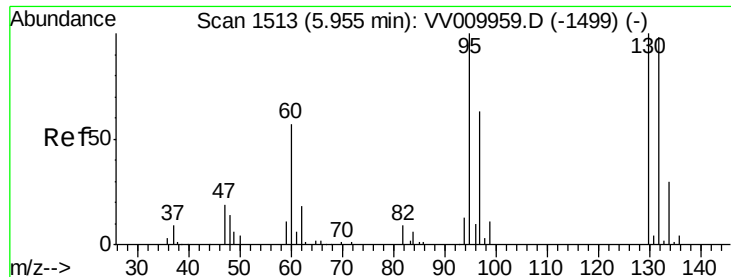


#25

Chloroform
 Concen: 9.816 ug/L
 RT: 4.42 min Scan# 1036
 Delta R.T. -0.00 min
 Lab File: VV009963.D
 Acq: 28 Mar 2019 14:10

Tgt Ion: 83 Resp: 34872
 Ion Ratio Lower Upper
 83 100
 85 64.1 46.1 85.7

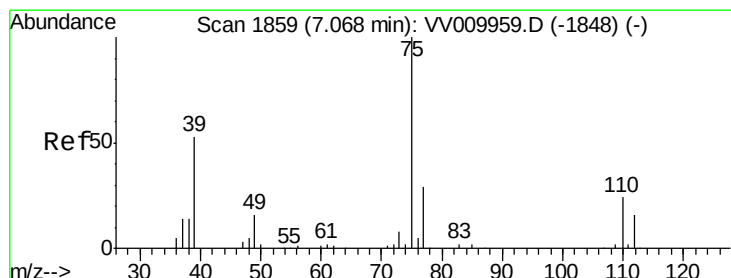
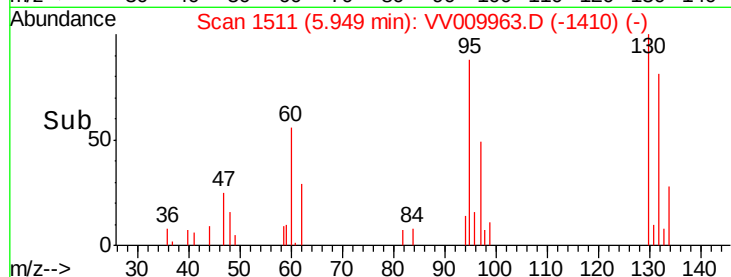
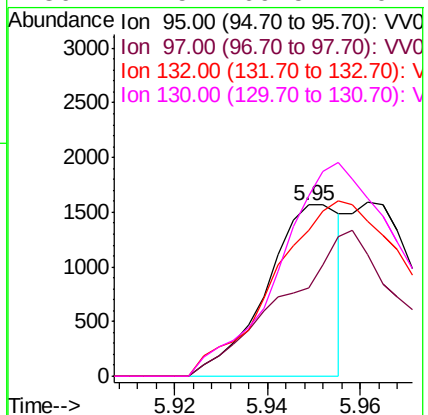
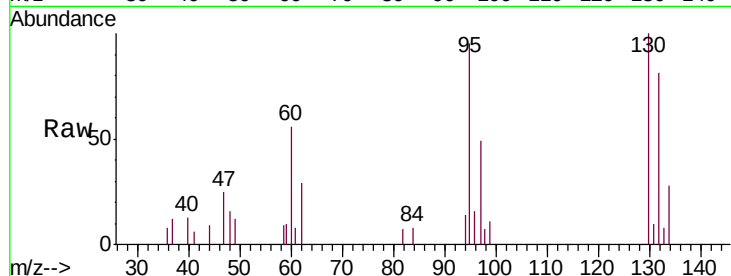




#35
 Trichloroethene
 Concen: 0.962 ug/L
 RT: 5.95 min Scan# 1511
 Delta R.T. -0.01 min
 Lab File: VV009963.D
 Acq: 28 Mar 2019 14:10

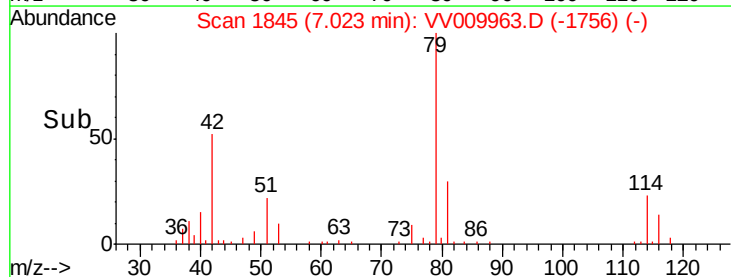
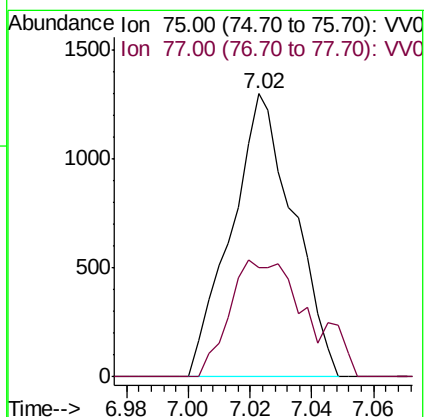
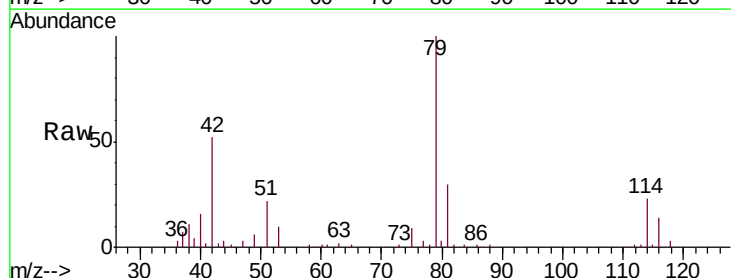
Instrument :
 MSVOA_V
 ClientSampleId :
 BF0L9

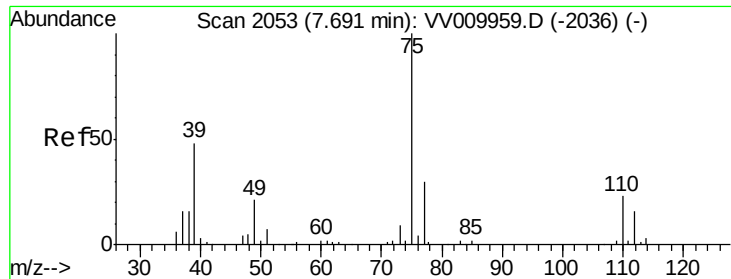
Tgt Ion: 95 Resp: 1728
 Ion Ratio Lower Upper
 95 100
 97 132.8 46.3 85.9#
 132 186.6 69.3 128.7#
 130 221.5 69.5 129.1#



#42
 cis-1,3-Dichloropropene
 Concen: 0.735 ug/L
 RT: 7.02 min Scan# 1845
 Delta R.T. -0.05 min
 Lab File: VV009963.D
 Acq: 28 Mar 2019 14:10

Tgt Ion: 75 Resp: 1823
 Ion Ratio Lower Upper
 75 100
 77 38.5 21.8 40.6





#45

trans-1,3-Dichloropropene

Concen: 0.599 ug/L

RT: 7.66 min Scan# 2043

Delta R.T. -0.03 min

Lab File: VV009963.D

Acq: 28 Mar 2019 14:10

Instrument :

MSVOA_V

ClientSampleId :

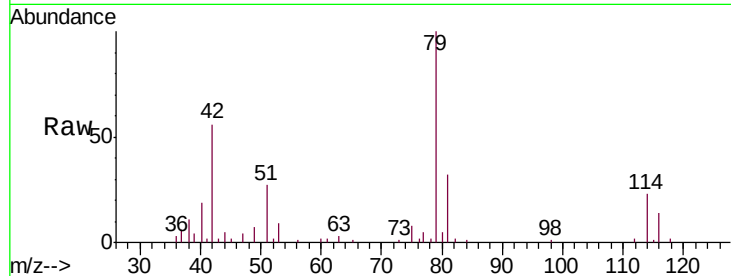
BF0L9

Tgt Ion: 75 Resp: 1215

Ion Ratio Lower Upper

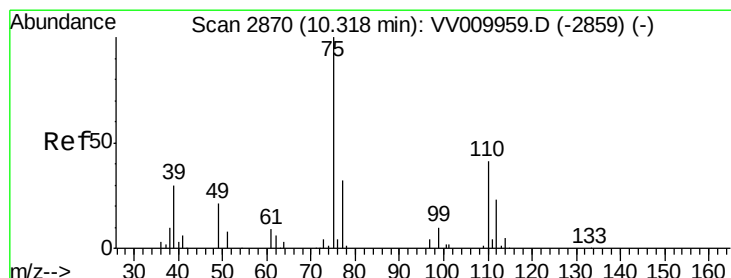
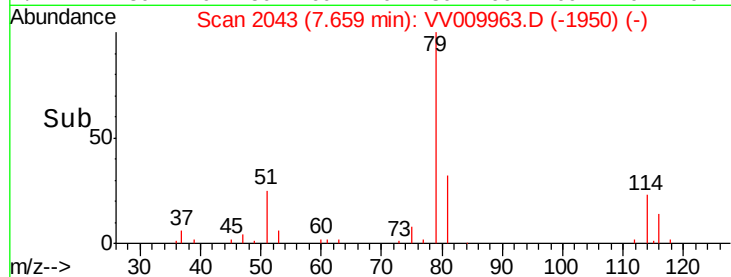
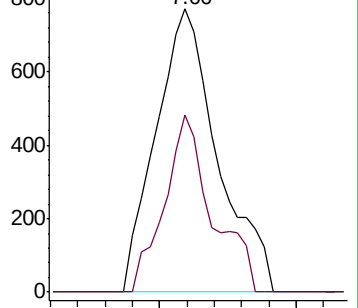
75 100

77 62.6 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: 5.368 ug/L

RT: 11.30 min Scan# 3175

Delta R.T. 0.98 min

Lab File: VV009963.D

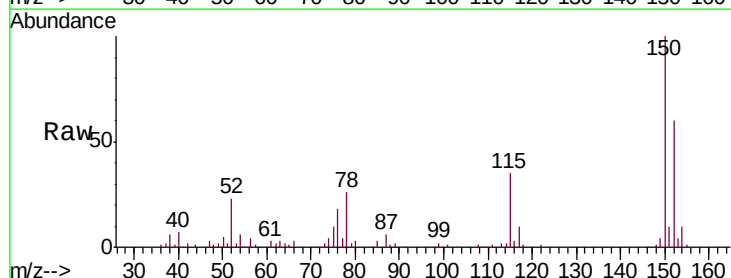
Acq: 28 Mar 2019 14:10

Tgt Ion: 75 Resp: 7347

Ion Ratio Lower Upper

75 100

77 35.8 26.2 39.2



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0

