

Data File : VV009500.D
Acq On : 05 Mar 2019 21:53
Operator : SY/MD
Sample : K1720-01
Misc : 3.25G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BF8A5

Quant Time: Mar 06 04:16:42 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM030519S.M
Quant Title : VOC Analysis
QLast Update : Wed Mar 06 04:12:03 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	142361	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	128345	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	49916	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	35673	20.82	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.28%
7) Chloroethane-d5	1.57	69	59765	24.12	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	96.48%
10) 1,1-Dichloroethene-d2	2.13	63	79383	17.80	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	71.20%
20) 2-Butanone-d5	3.96	46	17394	29.79	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	59.58%
24) Chloroform-d	4.40	84	91280	26.91	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	107.64%
26) 1,2-Dichloroethane-d4	5.08	65	55313	28.67	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	114.68%
29) Benzene-d6	5.10	84	177926	27.99	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	111.96%
33) 1,2-Dichloropropane-d6	6.12	67	57639	30.73	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	122.92%#
37) Toluene-d8	7.36	98	166213	26.82	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	107.28%
38) trans-1,3-Dichloropropene-	7.67	79	19358	21.29	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	85.16%
39) 2-Hexanone-d5	8.14	63	14243	32.53	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	65.06%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	47869	23.95	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	95.80%
61) 1,2-Dichlorobenzene-d4	11.67	152	48264	26.49	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	105.96%

Target Compounds

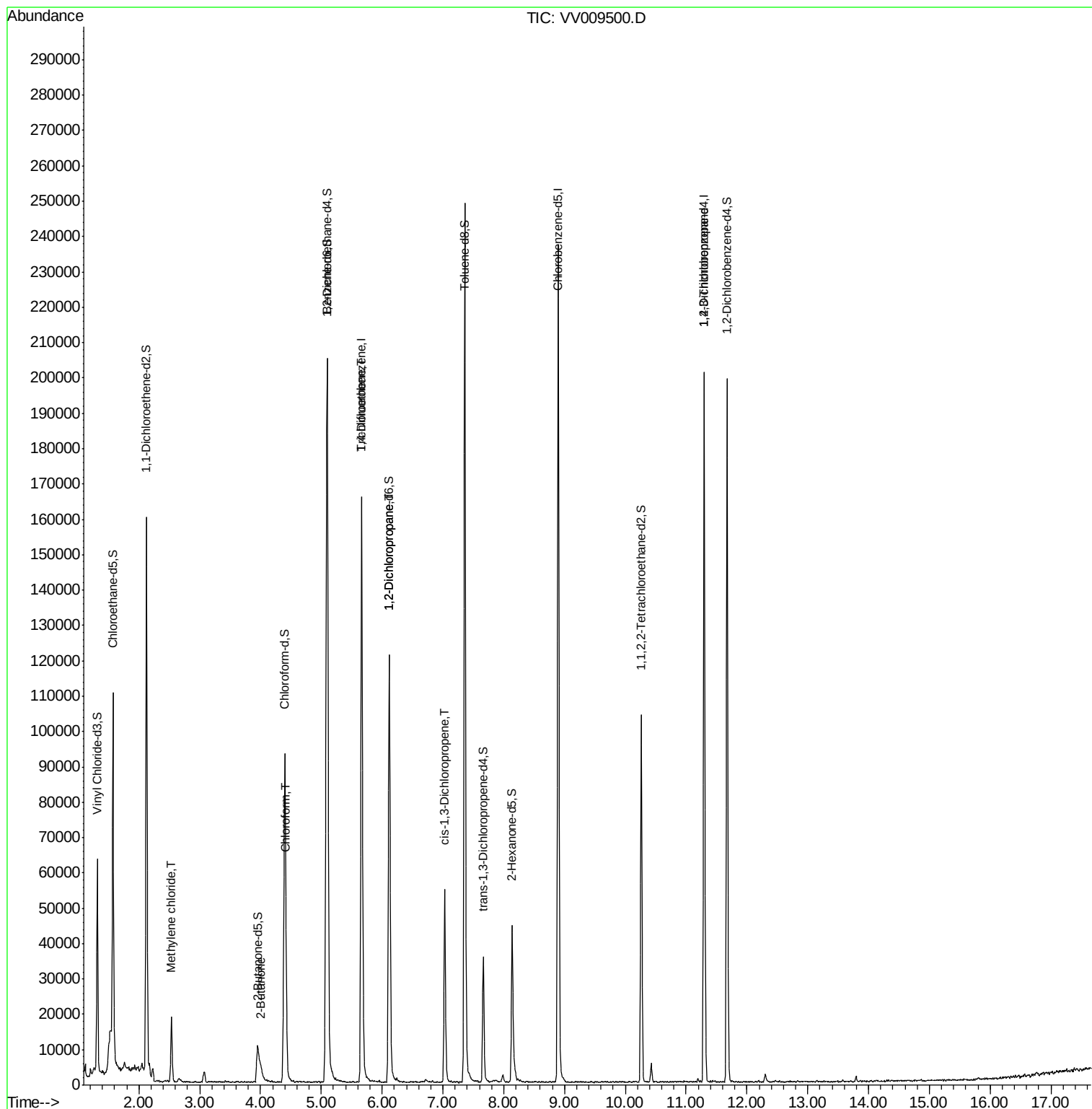
						Qvalue
16) Methylene chloride	2.53	84	7696	4.119	ug/L	91
21) 2-Butanone	4.00	43	1489	1.987	ug/L #	48
25) Chloroform	4.43	83	3011	0.901	ug/L #	18
35) Trichloroethene	5.66	95	3852	2.021	ug/L #	6
40) 1,2-Dichloropropane	6.12	63	7047	4.121	ug/L #	89
42) cis-1,3-Dichloropropene	7.03	75	1050	0.396	ug/L #	70
59) 1,2,3-Trichloropropene	11.30	75	7372	5.098	ug/L	91

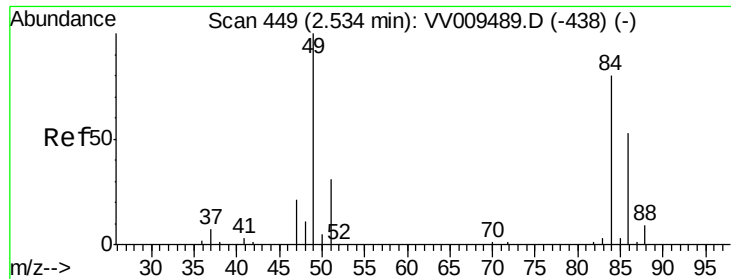
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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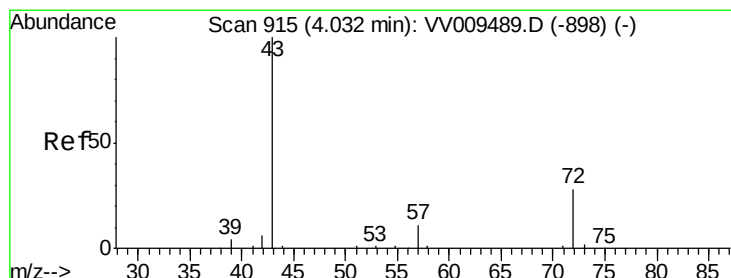
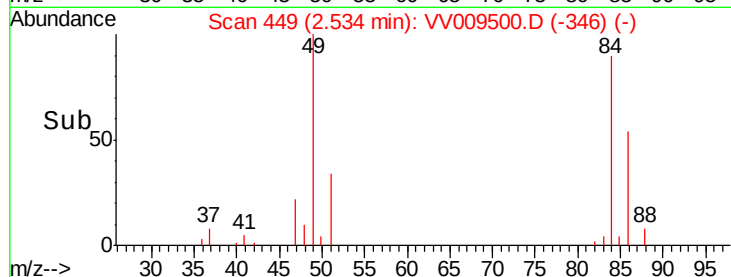
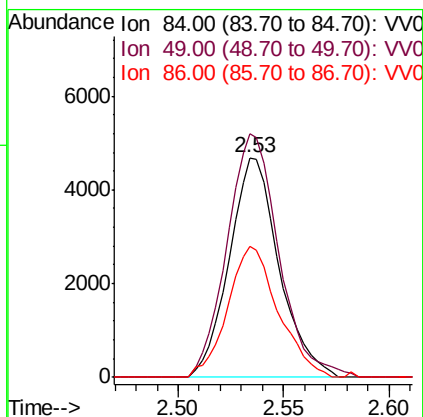
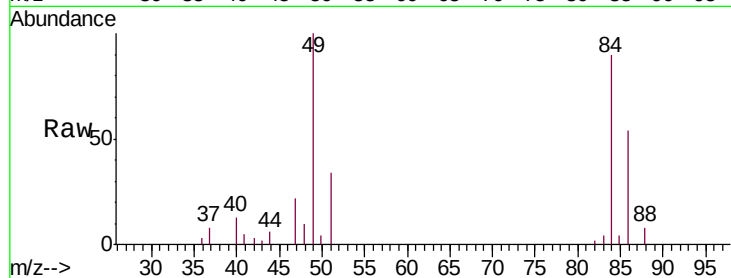




#16
Methylene chloride
Concen: 4.119 ug/L
RT: 2.53 min Scan# 449
Delta R.T. -0.00 min
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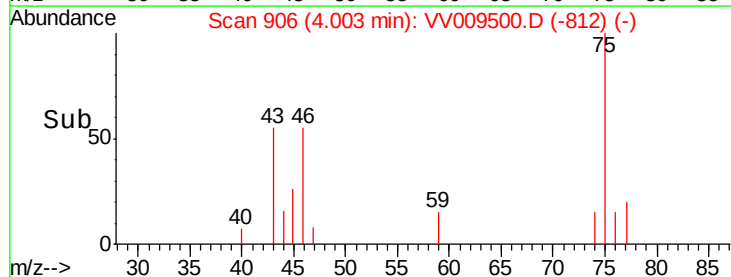
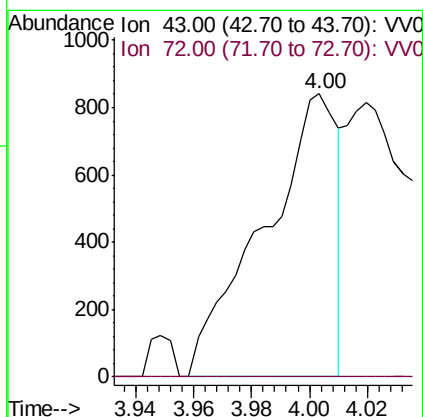
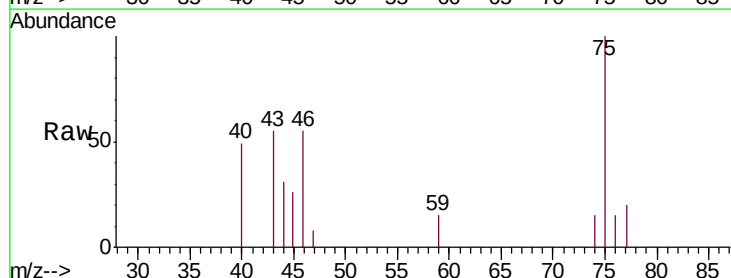
Instrument :
MSVOA_V
ClientSampled :
BF8A5

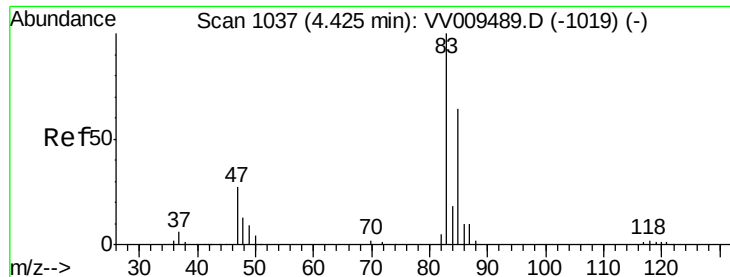
Tgt Ion: 84 Resp: 7696
Ion Ratio Lower Upper
84 100
49 111.0 84.6 157.0
86 59.5 46.1 85.7



#21
2-Butanone
Concen: 1.987 ug/L
RT: 4.00 min Scan# 906
Delta R.T. -0.03 min
Lab File: VV009500.D
Acq: 05 Mar 2019 21:53

Tgt Ion: 43 Resp: 1489
Ion Ratio Lower Upper
43 100
72 0.0 13.7 41.0#

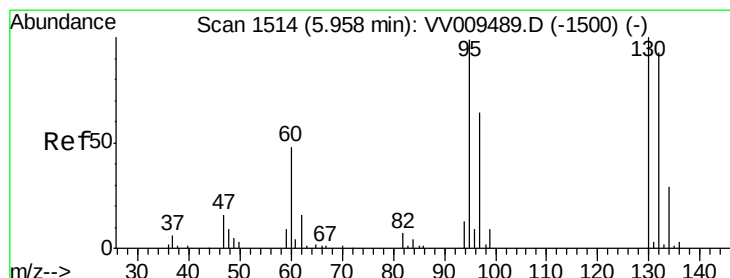
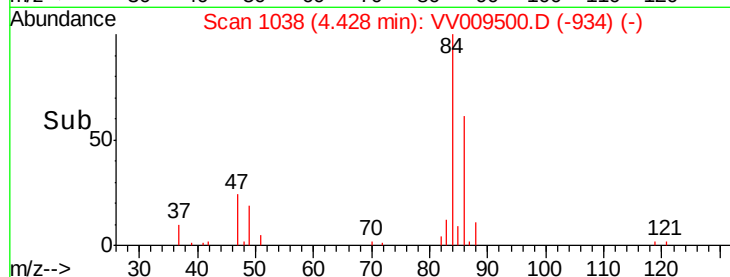
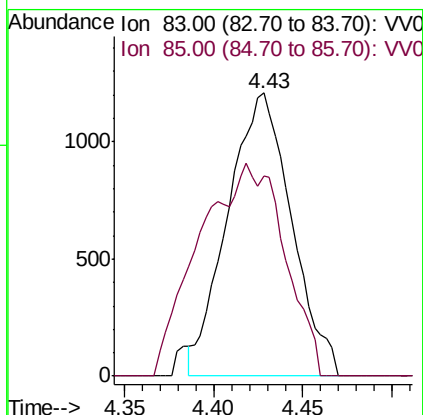
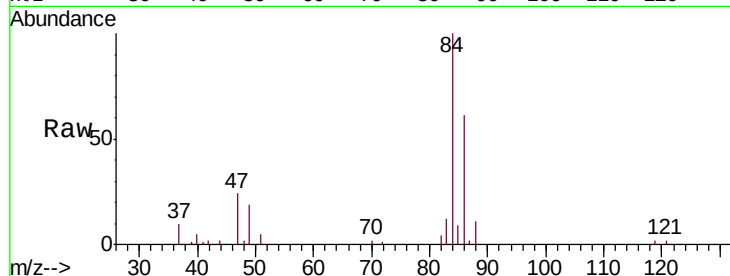




#25
Chloroform
Concen: 0.901 ug/L
RT: 4.43 min Scan# 1038
Delta R.T. 0.00 min
Lab File: VV009500.D
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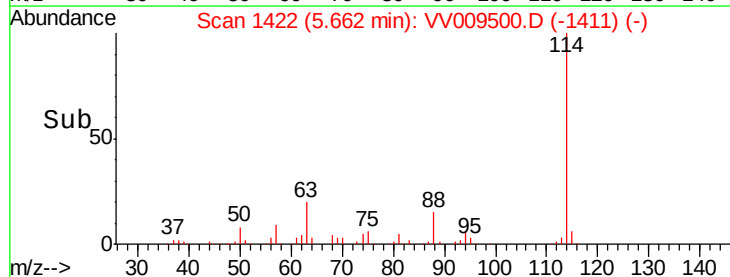
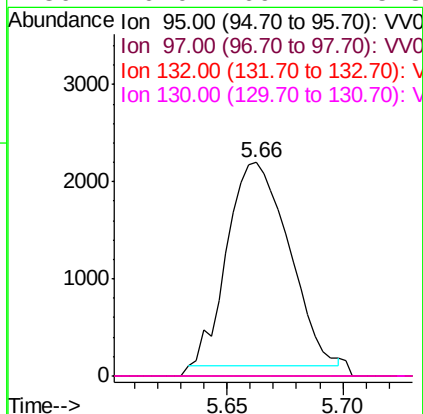
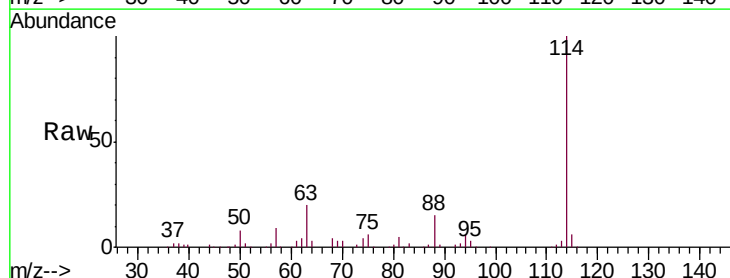
Instrument :
MSVOA_V
ClientSampled :
BF8A5

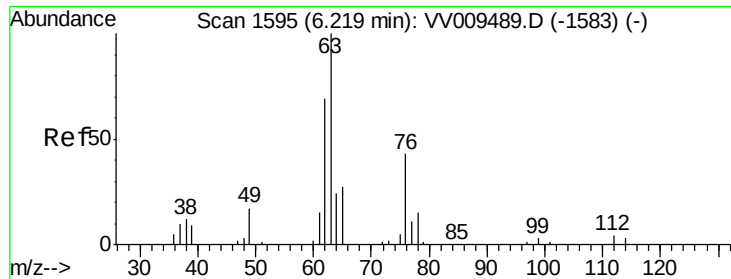
Tgt Ion: 83 Resp: 3011
Ion Ratio Lower Upper
83 100
85 0.0 45.4 84.2#



#35
Trichloroethene
Concen: 2.021 ug/L
RT: 5.66 min Scan# 1422
Delta R.T. -0.30 min
Lab File: VV009500.D
Acq: 05 Mar 2019 21:53

Tgt Ion: 95 Resp: 3852
Ion Ratio Lower Upper
95 100
97 0.0 44.3 82.3#
132 0.0 64.4 119.6#
130 0.0 69.4 128.8#

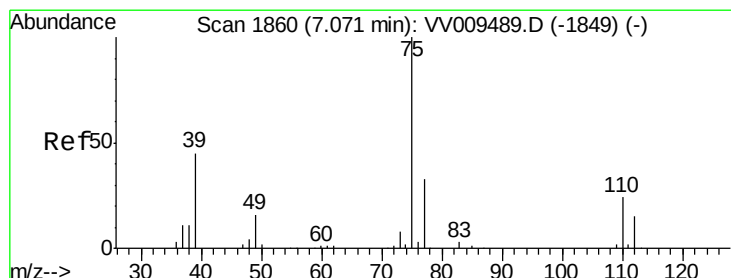
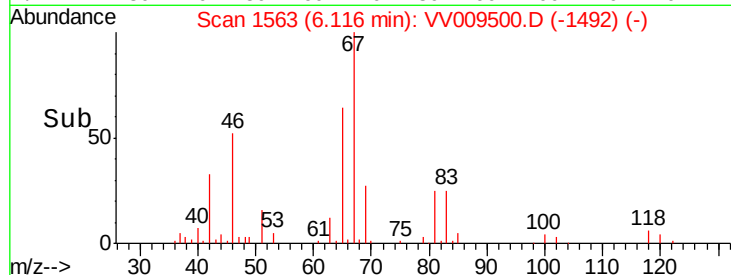
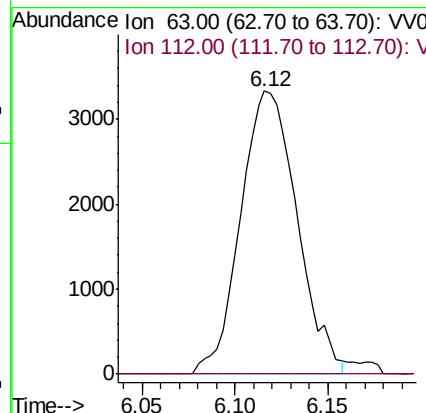
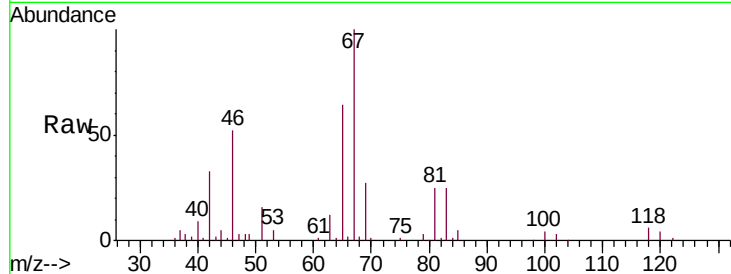




#40
 1,2-Dichloropropane
 Concen: 4.121 ug/L
 RT: 6.12 min Scan# 1563
 Delta R.T. -0.10 min
 Lab File: VV009500.D
 Acq: 05 Mar 2019 21:53

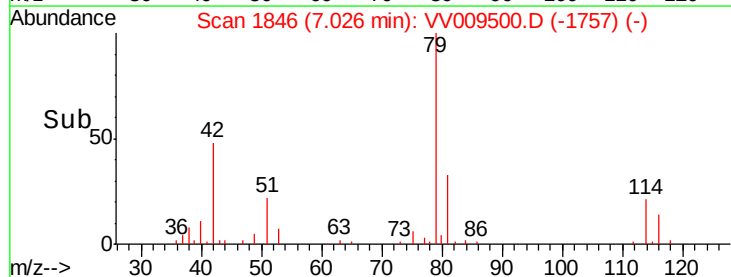
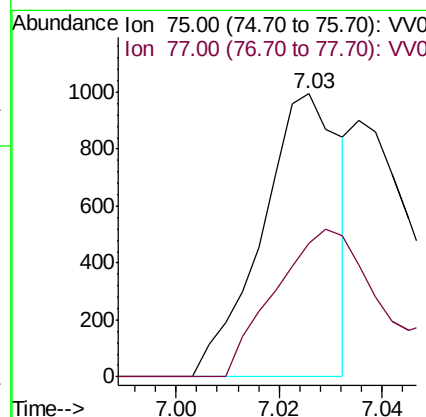
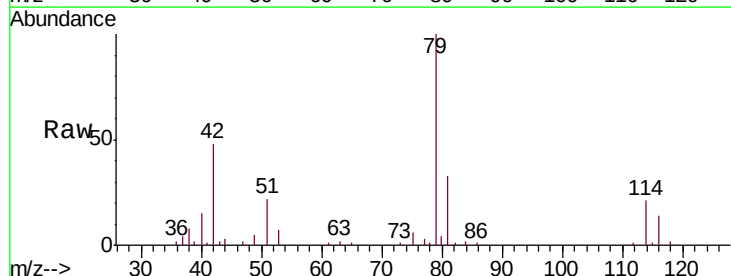
Instrument :
 MSVOA_V
 ClientSampled :
 BF8A5

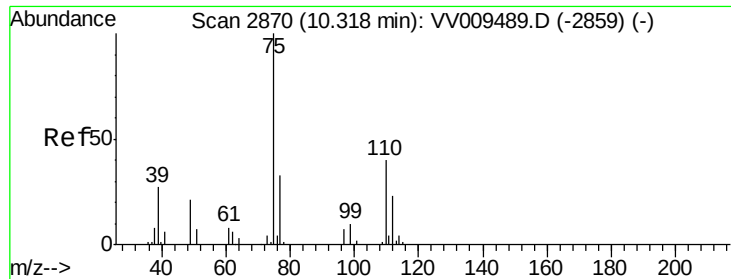
Tgt Ion: 63 Resp: 7047
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.0 4.4#



#42
 cis-1,3-Dichloropropene
 Concen: 0.396 ug/L
 RT: 7.03 min Scan# 1846
 Delta R.T. -0.05 min
 Lab File: VV009500.D
 Acq: 05 Mar 2019 21:53

Tgt Ion: 75 Resp: 1050
 Ion Ratio Lower Upper
 75 100
 77 47.1 21.4 39.8#





#59

1,2,3-Trichloropropane

Concen: 5.098 ug/L

RT: 11.30 min Scan# 3174

Delta R.T. 0.98 min

Lab File: VV009500.D

Acq: 05 Mar 2019 21:53

Instrument :

MSVOA_V

ClientSampleId :

BF8A5

Tgt Ion: 75 Resp: 7372

Ion Ratio Lower Upper

75 100

77 37.5 25.9 38.9

