

Data File : VV009496.D
Acq On : 05 Mar 2019 20:07
Operator : SY/MD
Sample : K1662-09
Misc : 3.85G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFC63

Quant Time: Mar 06 04:16:04 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	168693	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	153782	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	60213	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	44500	21.91	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.64%
7) Chloroethane-d5	1.58	69	73852	25.15	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	100.60%
10) 1,1-Dichloroethene-d2	2.12	63	95497	18.07	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	72.28%
20) 2-Butanone-d5	3.95	46	31662	45.76	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	91.52%
24) Chloroform-d	4.40	84	102852	25.59	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	102.36%
26) 1,2-Dichloroethane-d4	5.08	65	62860	27.50	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	110.00%
29) Benzene-d6	5.10	84	208156	27.33	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	109.32%
33) 1,2-Dichloropropane-d6	6.12	67	63538	28.27	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	113.08%
37) Toluene-d8	7.36	98	193096	26.01	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	104.04%
38) trans-1,3-Dichloropropene-	7.66	79	23722	21.78	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	87.12%
39) 2-Hexanone-d5	8.14	63	27531	52.48	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	104.96%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	58305	24.34	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	97.36%
61) 1,2-Dichlorobenzene-d4	11.67	152	57823	26.31	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	105.24%

Target Compounds

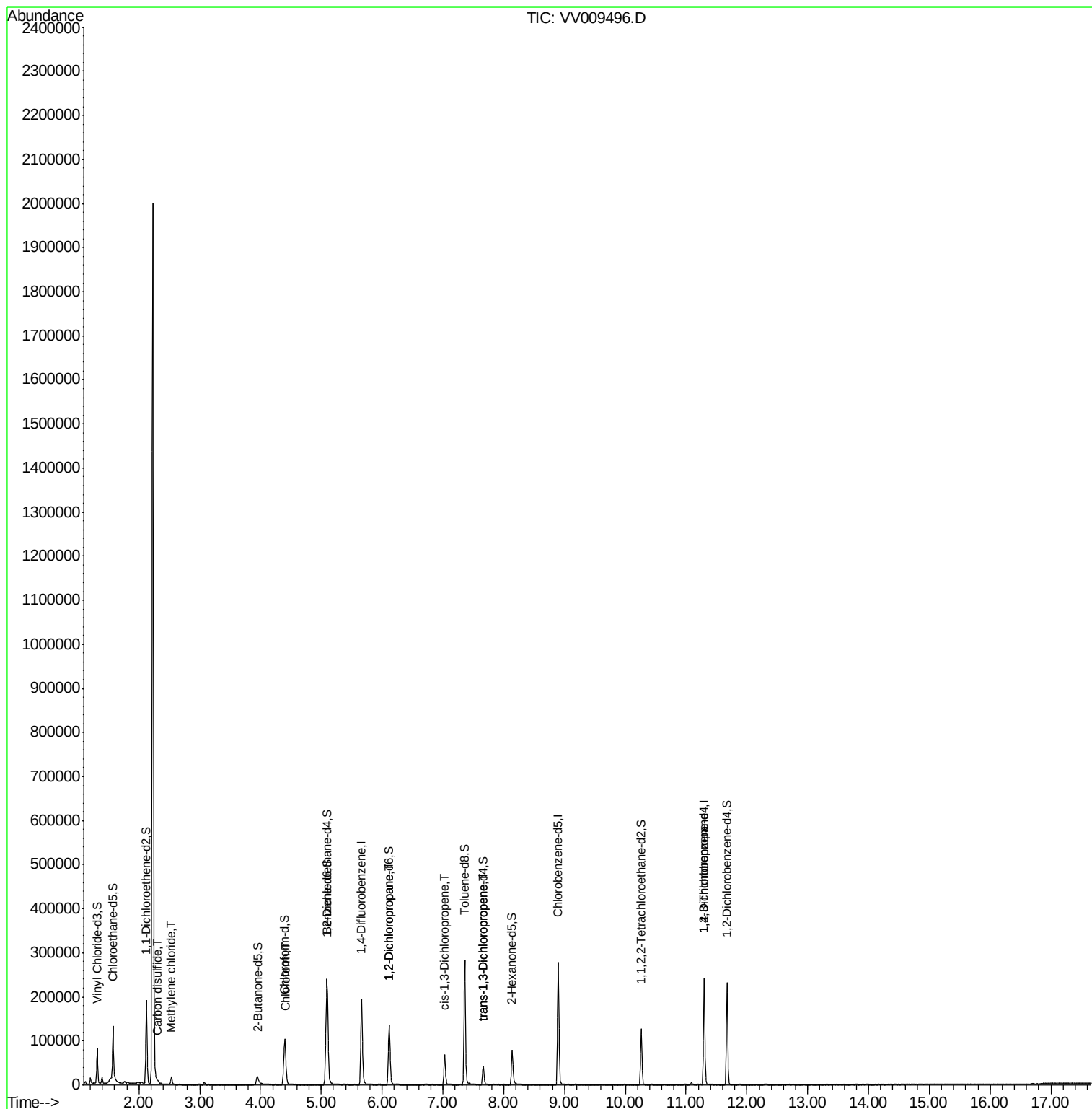
					Qvalue
14) Carbon disulfide	2.32	76	2205	0.388 ug/L	98
16) Methylene chloride	2.53	84	7317	3.305 ug/L	98
25) Chloroform	4.42	83	2401	0.606 ug/L #	27
40) 1,2-Dichloropropane	6.12	63	8120	3.963 ug/L #	89
42) cis-1,3-Dichloropropene	7.03	75	980	0.308 ug/L #	59
45) trans-1,3-Dichloropropene	7.66	75	1453	0.523 ug/L	96
59) 1,2,3-Trichloropropane	11.29	75	8574	4.949 ug/L #	84

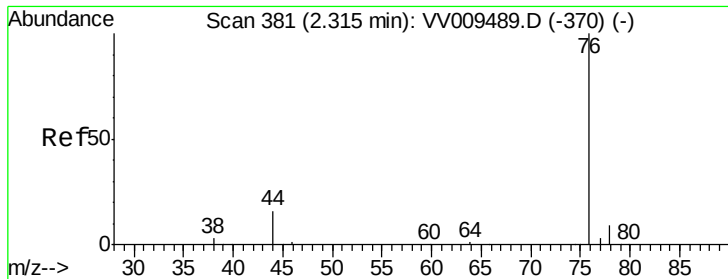
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#14

Carbon disulfide

Concen: 0.388 ug/L

RT: 2.32 min Scan# 381

Delta R.T. 0.00 min

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Instrument :

MSVOA_V

ClientSampleId :

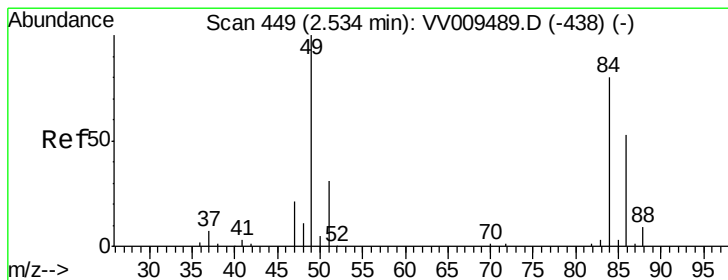
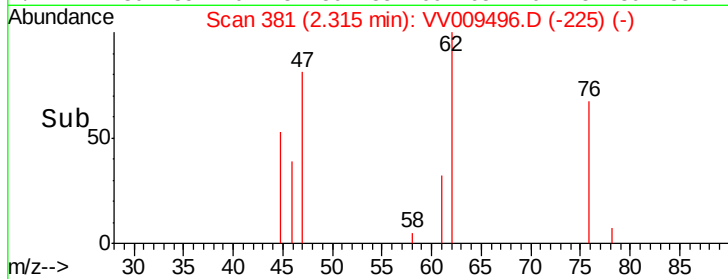
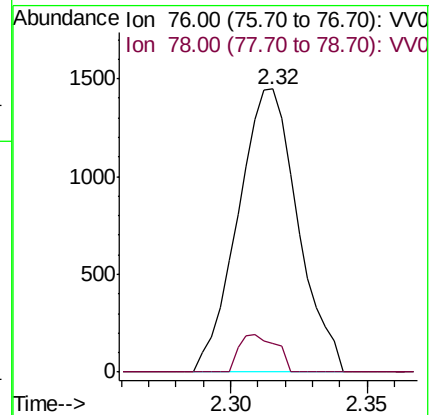
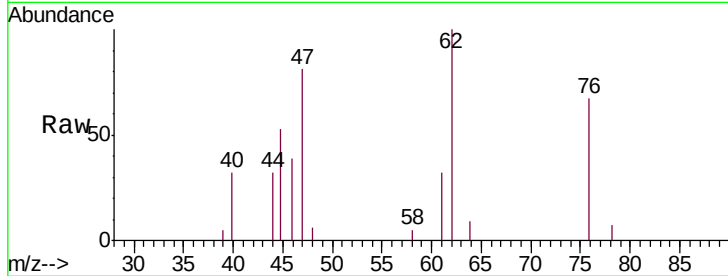
BFC63

Tgt Ion: 76 Resp: 2205

Ion Ratio Lower Upper

76 100

78 10.0 7.5 11.3



#16

Methylene chloride

Concen: 3.305 ug/L

RT: 2.53 min Scan# 449

Delta R.T. 0.00 min

Lab File: VV009496.D

Acq: 05 Mar 2019 20:07

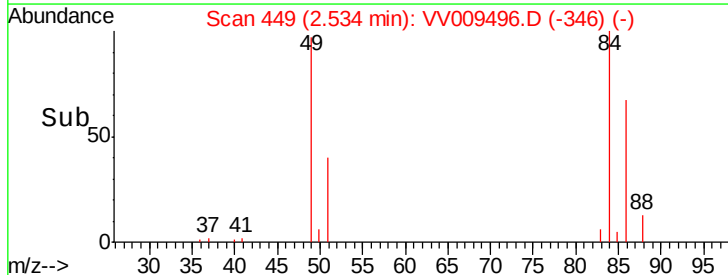
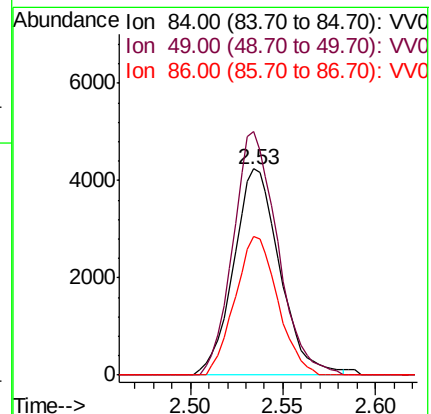
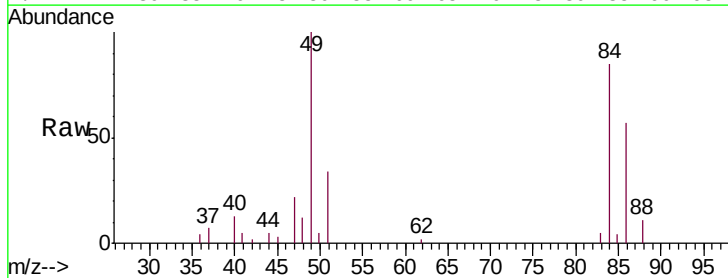
Tgt Ion: 84 Resp: 7317

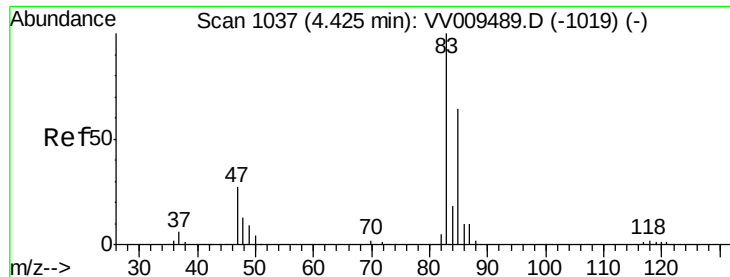
Ion Ratio Lower Upper

84 100

49 118.1 84.6 157.0

86 67.5 46.1 85.7

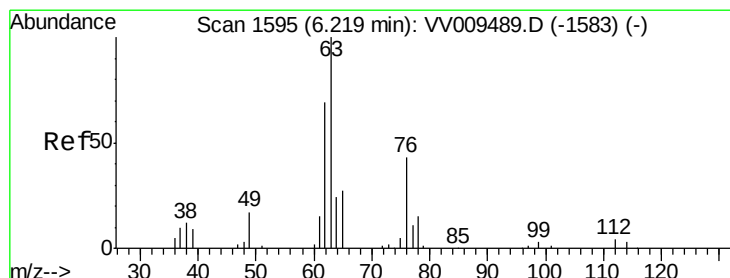
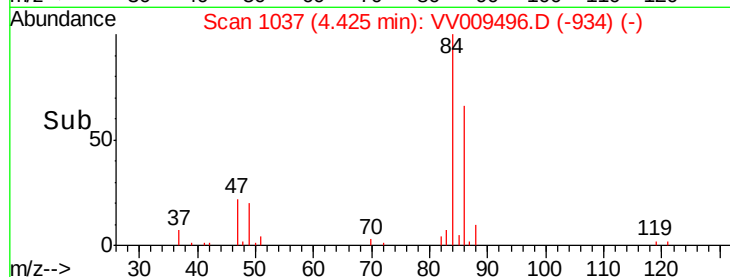
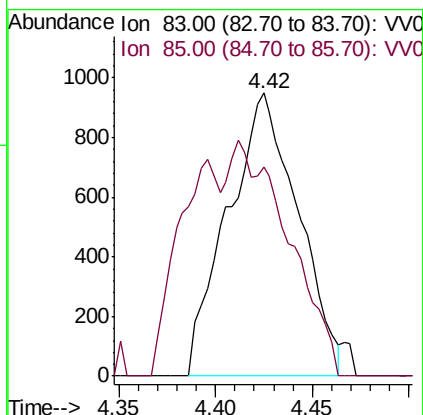
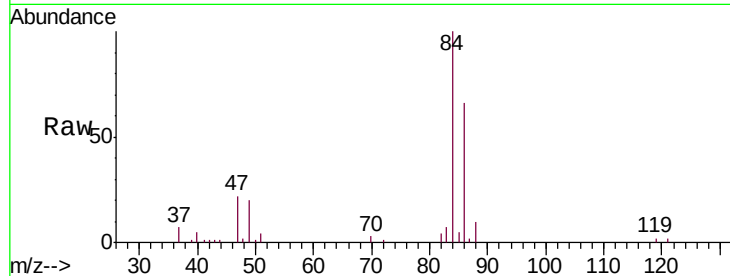




#25
Chloroform
Concen: 0.606 ug/L
RT: 4.42 min Scan# 1037
Delta R.T. 0.00 min
Lab File: VV009496.D
Acq: 05 Mar 2019 20:07

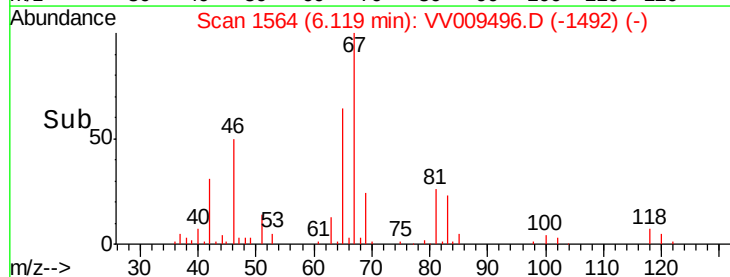
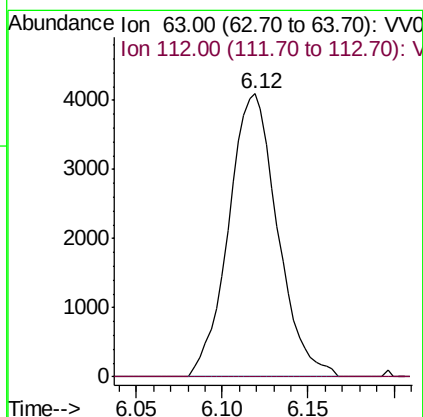
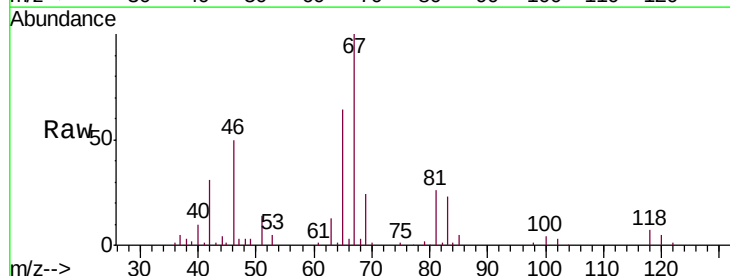
Instrument :
MSVOA_V
ClientSampled :
BFC63

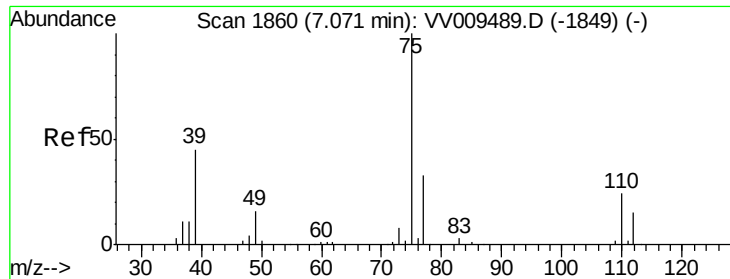
Tgt Ion: 83 Resp: 2401
Ion Ratio Lower Upper
83 100
85 7.2 45.4 84.2#



#40
1,2-Dichloropropane
Concen: 3.963 ug/L
RT: 6.12 min Scan# 1564
Delta R.T. -0.10 min
Lab File: VV009496.D
Acq: 05 Mar 2019 20:07

Tgt Ion: 63 Resp: 8120
Ion Ratio Lower Upper
63 100
112 0.0 3.0 4.4#



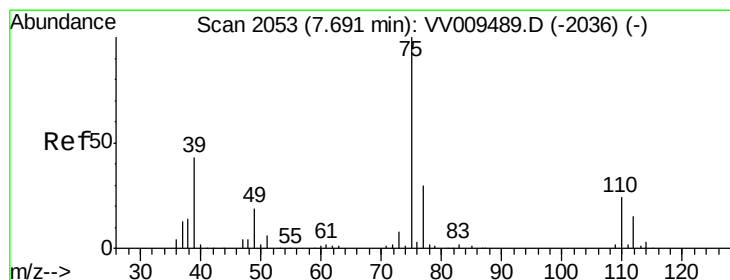
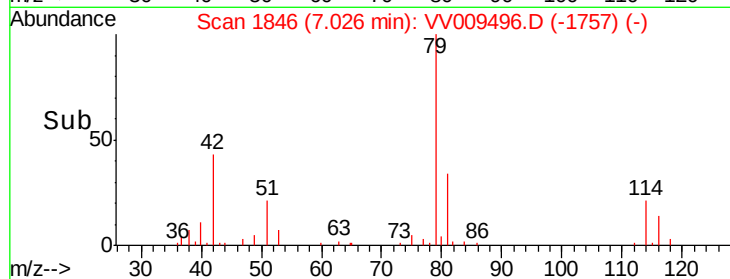
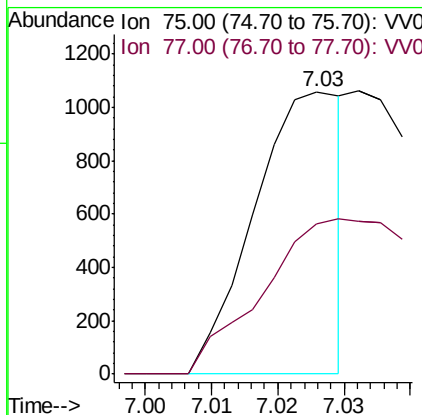
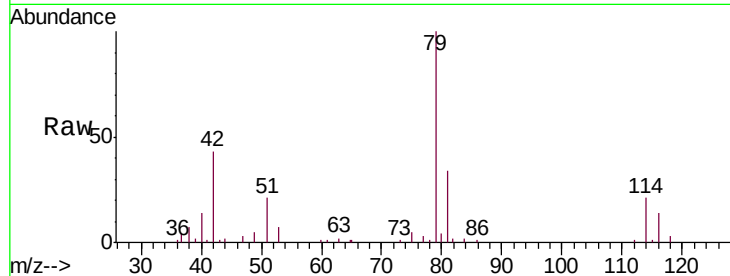


#42

cis-1,3-Dichloropropene
Concen: 0.308 ug/L
RT: 7.03 min Scan# 1846
Delta R.T. -0.04 min
Lab File: VV009496.D
Acq: 05 Mar 2019 20:07

Instrument :
MSVOA_V
ClientSampled :
BFC63

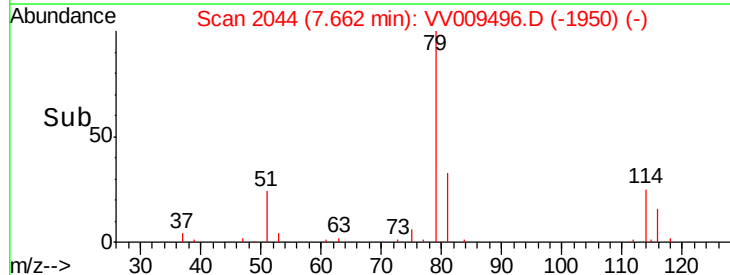
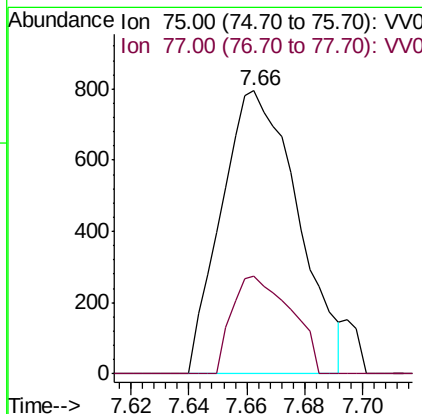
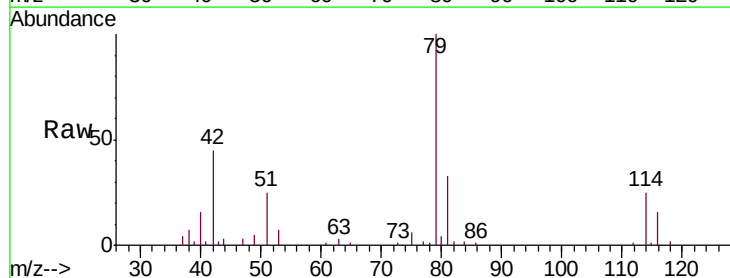
Tgt Ion: 75 Resp: 980
Ion Ratio Lower Upper
75 100
77 53.1 21.4 39.8#

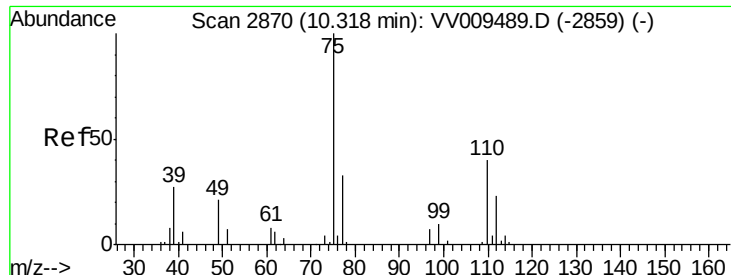


#45

trans-1,3-Dichloropropene
Concen: 0.523 ug/L
RT: 7.66 min Scan# 2044
Delta R.T. -0.03 min
Lab File: VV009496.D
Acq: 05 Mar 2019 20:07

Tgt Ion: 75 Resp: 1453
Ion Ratio Lower Upper
75 100
77 34.6 22.5 41.7





#59

1,2,3-Trichloropropane

Concen: 4.949 ug/L

RT: 11.29 min Scan# 3173

Delta R.T. 0.97 min

Lab File: VV009496.D

Acq: 05 Mar 2019 20:07

Instrument :

MSVOA_V

ClientSampleId :

BFC63

Tgt Ion: 75 Resp: 8574

Ion Ratio Lower Upper

75 100

77 41.4 25.9 38.9#

