

Data File : VV009674.D
Acq On : 14 Mar 2019 18:58
Operator : SY/MD
Sample : K1885-11
Misc : 5.15G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BF195

Quant Time: Mar 15 04:34:41 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM031319S.M
Quant Title : VOC Analysis
QLast Update : Fri Mar 15 04:30:02 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	120616	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	115581	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	48145	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	36845	23.89	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	95.56%
7) Chloroethane-d5	1.56	69	37041	19.47	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	77.88%
10) 1,1-Dichloroethene-d2	2.12	63	75145	18.02	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	72.08%
20) 2-Butanone-d5	3.93	46	26411	65.38	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	130.76%
24) Chloroform-d	4.40	84	67942	22.10	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	88.40%
26) 1,2-Dichloroethane-d4	5.08	65	47714	27.42	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	109.68%
29) Benzene-d6	5.10	84	153936	25.39	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	101.56%
33) 1,2-Dichloropropane-d6	6.12	67	46048	25.99	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	103.96%
37) Toluene-d8	7.36	98	144506	24.63	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	98.52%
38) trans-1,3-Dichloropropene-	7.66	79	19302	23.71	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	94.84%
39) 2-Hexanone-d5	8.13	63	20093	61.60	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	123.20%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	47736	28.46	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	113.84%
61) 1,2-Dichlorobenzene-d4	11.68	152	47025	25.22	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	100.88%

Target Compounds

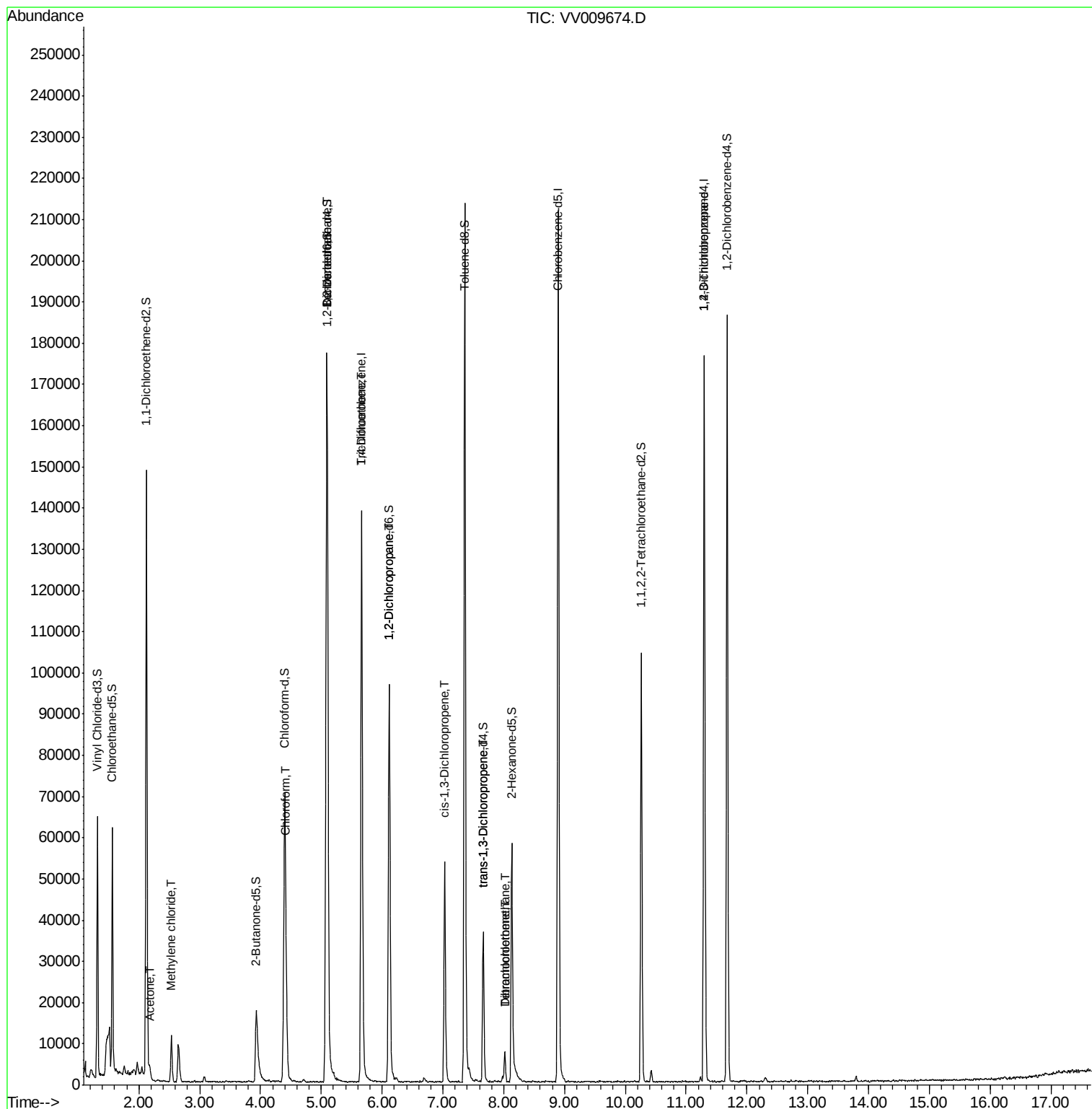
					Qvalue
13) Acetone	2.19	43	1065	2.187 ug/L	92
16) Methylene chloride	2.53	84	4809	2.739 ug/L	93
25) Chloroform	4.42	83	8368	2.670 ug/L #	58
27) 1,2-Dichloroethane	5.10	62	657	0.304 ug/L #	75
35) Trichloroethene	5.66	95	3402	1.870 ug/L #	5
40) 1,2-Dichloropropane	6.12	63	5633	3.538 ug/L #	88
42) cis-1,3-Dichloropropene	7.03	75	1723	0.713 ug/L #	74
45) trans-1,3-Dichloropropene	7.66	75	1116	0.535 ug/L	93
47) Tetrachloroethene	8.02	164	1487	1.035 ug/L	87
50) Dibromochloromethane	8.02	129	1406	0.932 ug/L #	10
59) 1,2,3-Trichloropropane	11.30	75	6724	5.431 ug/L #	85

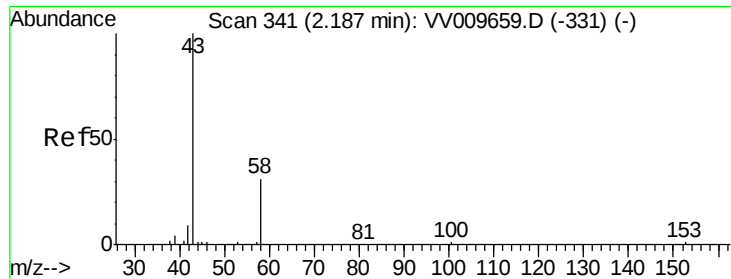
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.187 ug/L

RT: 2.19 min Scan# 341

Delta R.T. 0.00 min

Lab File: VV009674.D

Acq: 14 Mar 2019 18:58

Instrument :

MSVOA_V

ClientSampled :

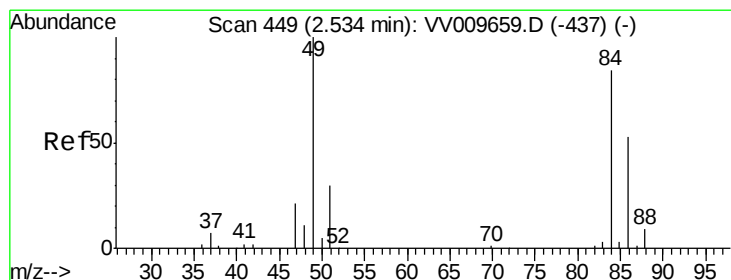
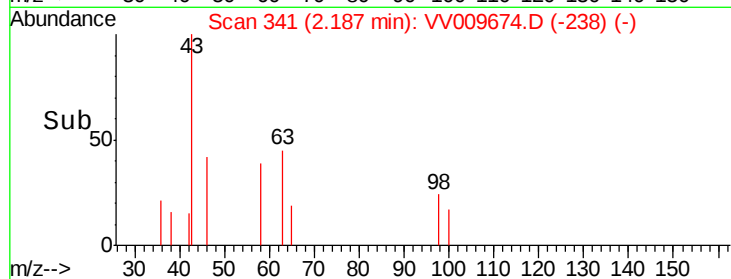
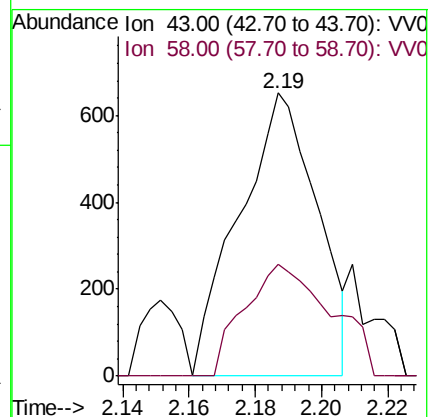
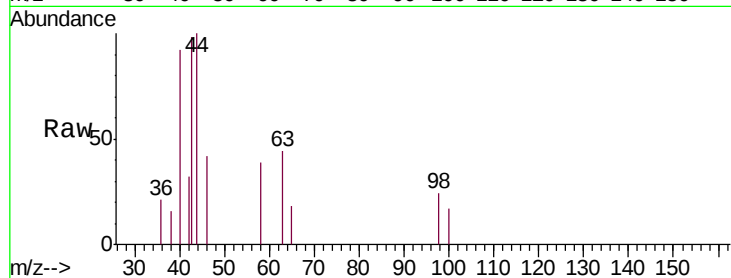
BF195

Tgt Ion: 43 Resp: 1065

Ion Ratio Lower Upper

43 100

58 36.7 0.0 64.8



#16

Methylene chloride

Concen: 2.739 ug/L

RT: 2.53 min Scan# 449

Delta R.T. 0.00 min

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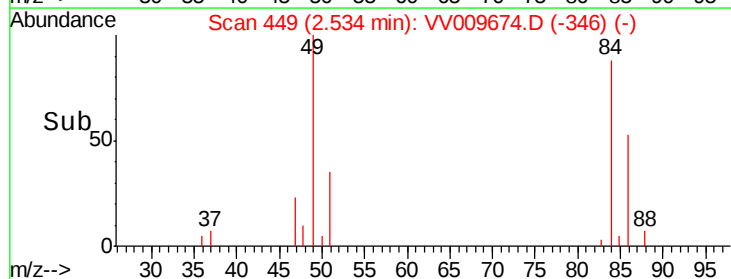
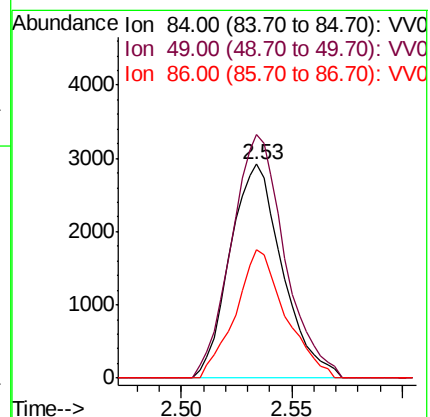
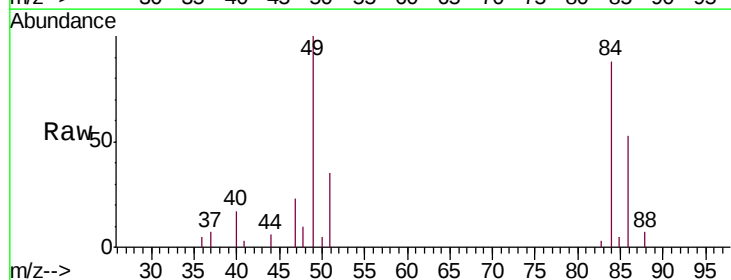
Tgt Ion: 84 Resp: 4809

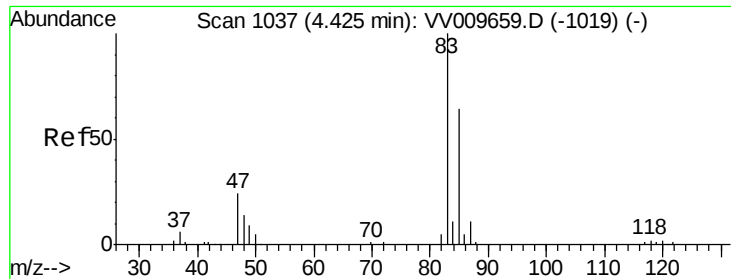
Ion Ratio Lower Upper

84 100

49 113.9 86.1 159.9

86 59.8 45.2 84.0

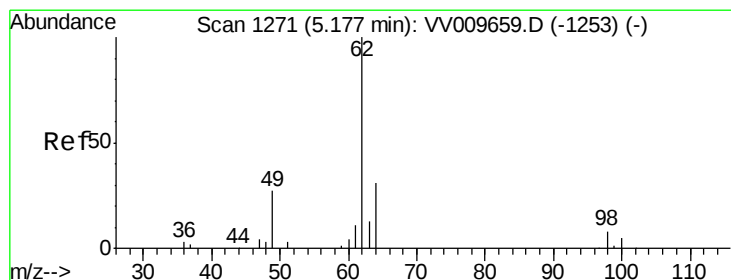
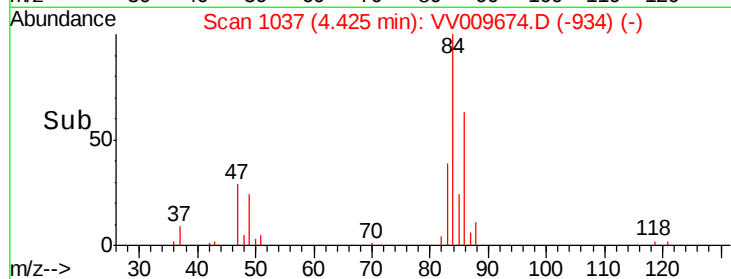
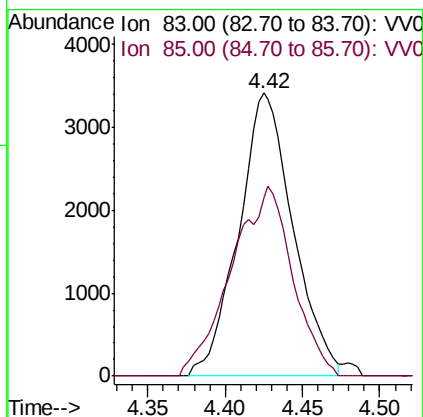
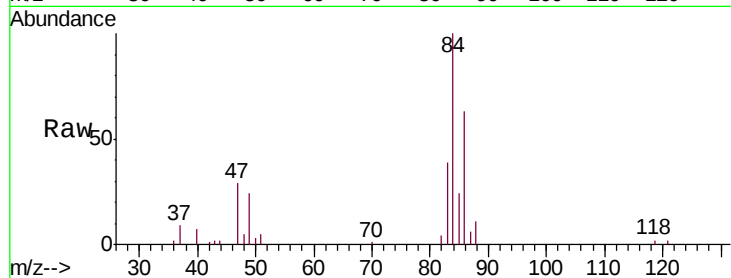




#25
Chloroform
Concen: 2.670 ug/L
RT: 4.42 min Scan# 1037
Delta R.T. 0.00 min
Lab File: VV009674.D
Acq: 14 Mar 2019 18:58

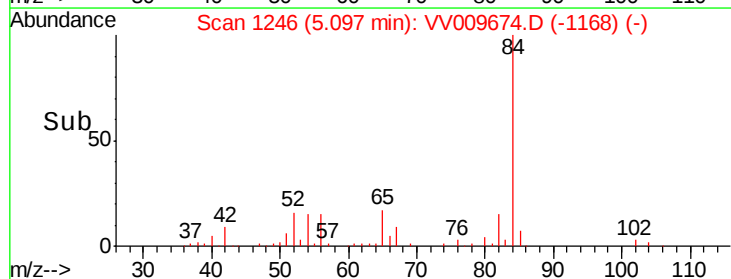
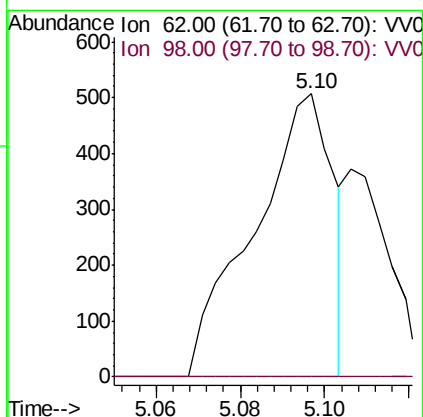
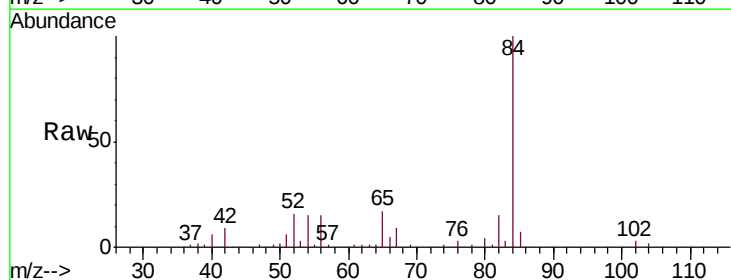
Instrument :
MSVOA_V
ClientSampleId :
BF195

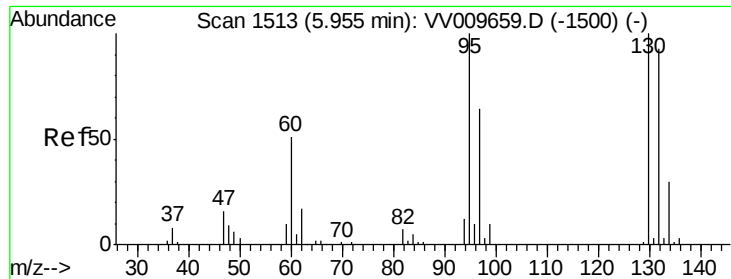
Tgt Ion: 83 Resp: 8368
Ion Ratio Lower Upper
83 100
85 32.6 46.4 86.2#



#27
1,2-Dichloroethane
Concen: 0.304 ug/L
RT: 5.10 min Scan# 1246
Delta R.T. -0.08 min
Lab File: VV009674.D
Acq: 14 Mar 2019 18:58

Tgt Ion: 62 Resp: 657
Ion Ratio Lower Upper
62 100
98 0.0 7.2 10.8#

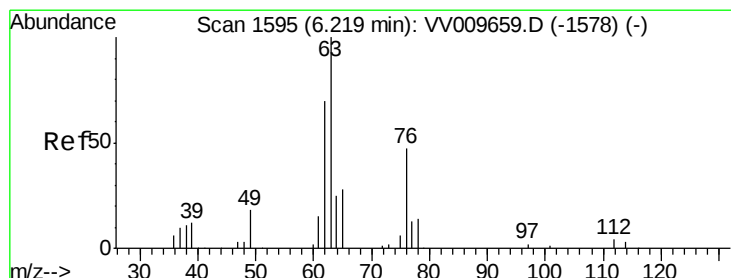
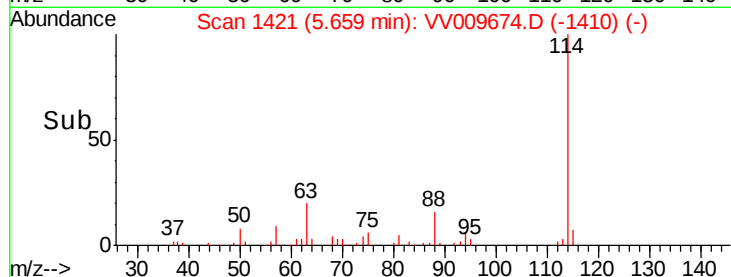
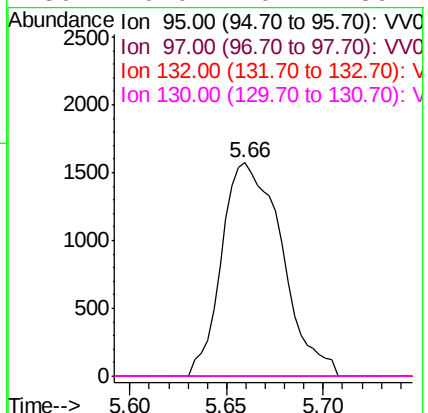
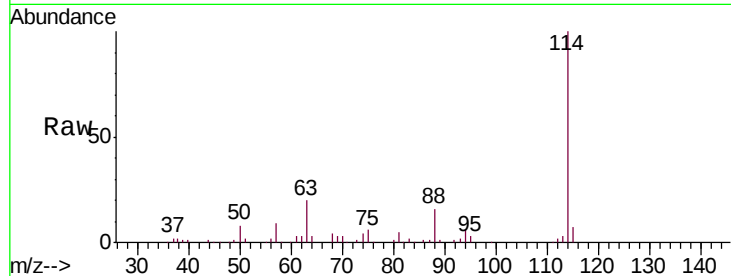




#35
 Trichloroethene
 Concen: 1.870 ug/L
 RT: 5.66 min Scan# 1421
 Delta R.T. -0.30 min
 Lab File: VV009674.D
 Acq: 14 Mar 2019 18:58

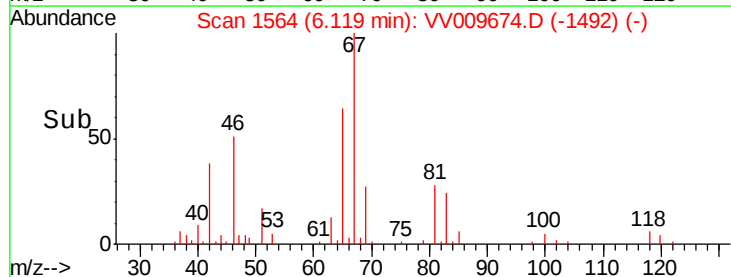
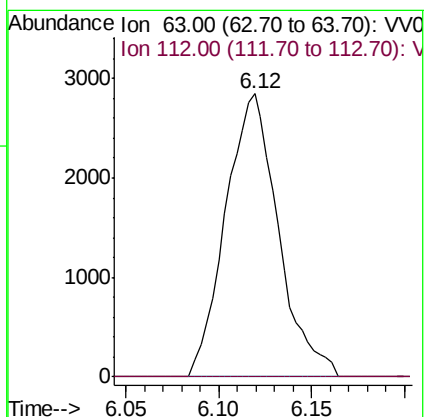
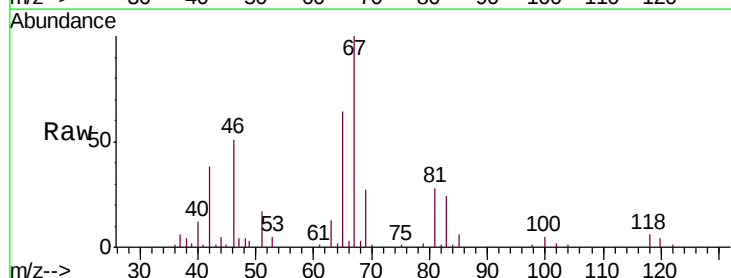
Instrument :
 MSVOA_V
 ClientSampleId :
 BF195

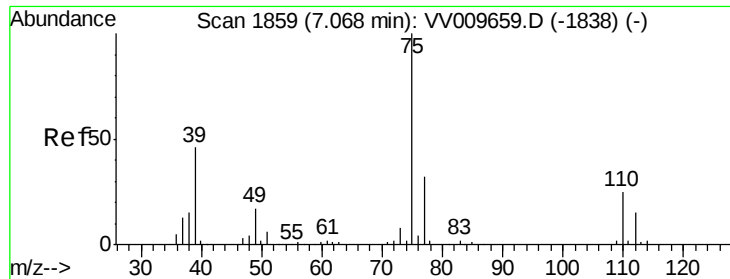
Tgt Ion: 95 Resp: 3402
 Ion Ratio Lower Upper
 95 100
 97 0.0 44.9 83.5#
 132 0.0 66.4 123.2#
 130 0.0 70.2 130.4#



#40
 1,2-Dichloropropane
 Concen: 3.538 ug/L
 RT: 6.12 min Scan# 1564
 Delta R.T. -0.10 min
 Lab File: VV009674.D
 Acq: 14 Mar 2019 18:58

Tgt Ion: 63 Resp: 5633
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.2 4.8#



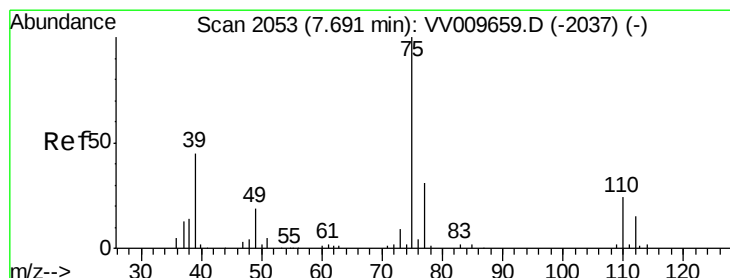
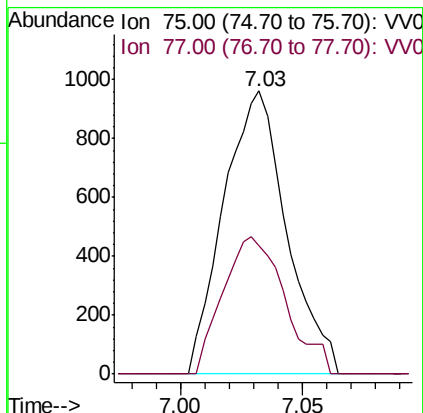
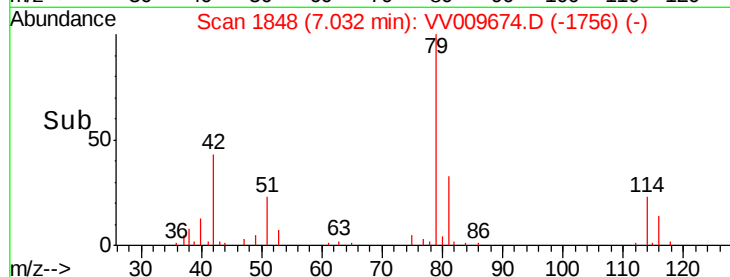
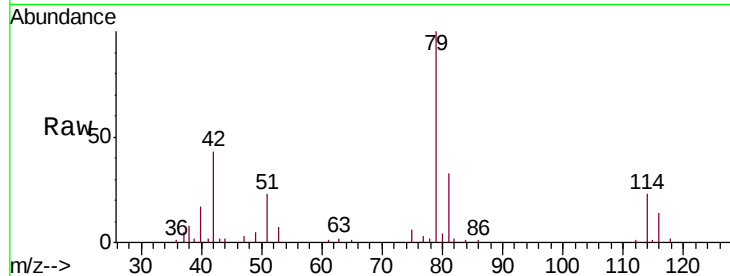


#42

cis-1,3-Dichloropropene
Concen: 0.713 ug/L
RT: 7.03 min Scan# 1848
Delta R.T. -0.04 min
Lab File: VV009674.D
Acq: 14 Mar 2019 18:58

Instrument :
MSVOA_V
ClientSampleId :
BF195

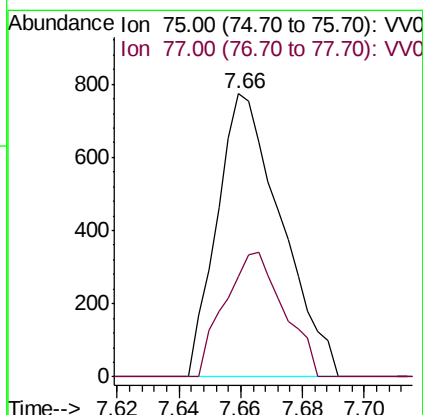
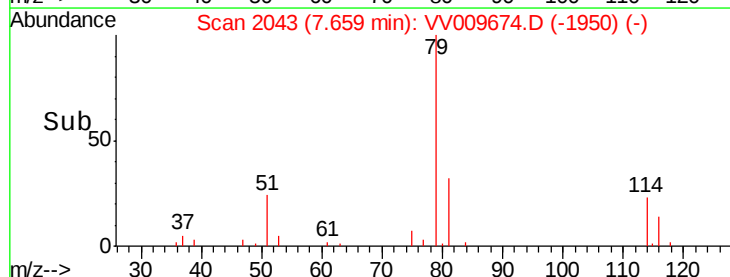
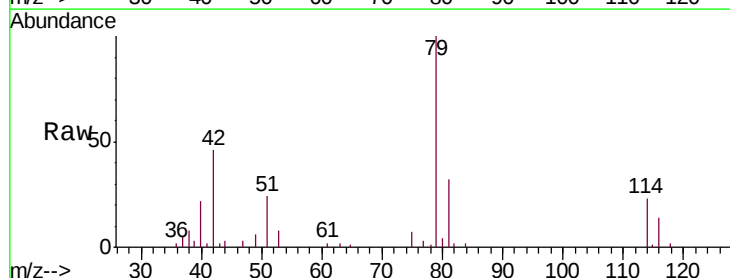
Tgt Ion: 75 Resp: 1723
Ion Ratio Lower Upper
75 100
77 45.5 22.0 40.8#

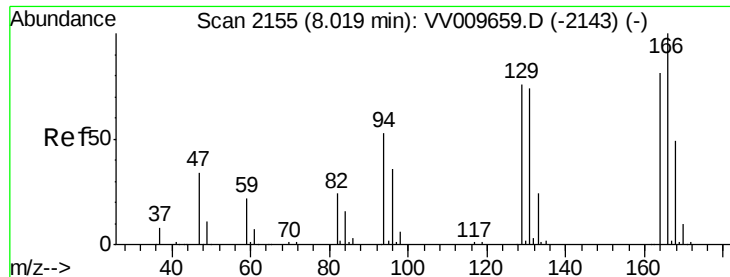


#45

trans-1,3-Dichloropropene
Concen: 0.535 ug/L
RT: 7.66 min Scan# 2043
Delta R.T. -0.03 min
Lab File: VV009674.D
Acq: 14 Mar 2019 18:58

Tgt Ion: 75 Resp: 1116
Ion Ratio Lower Upper
75 100
77 35.4 22.0 40.8





#47

Tetrachloroethene

Concen: 1.035 ug/L

RT: 8.02 min Scan# 2154

Delta R.T. -0.00 min

Lab File: VV009674.D

Acq: 14 Mar 2019 18:58

Instrument :

MSVOA_V

ClientSampleId :

BF195

Tgt Ion:164 Resp: 1487

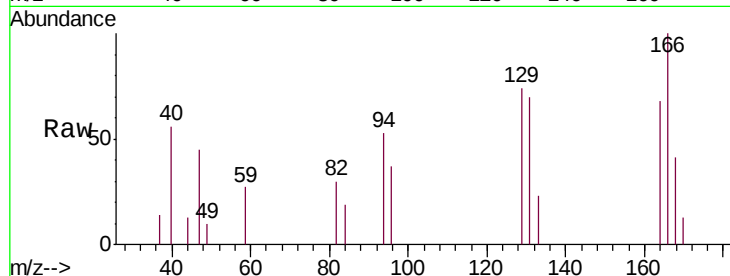
Ion Ratio Lower Upper

164 100

129 109.6 69.0 128.1

131 103.7 65.7 122.1

166 148.0 89.4 166.0

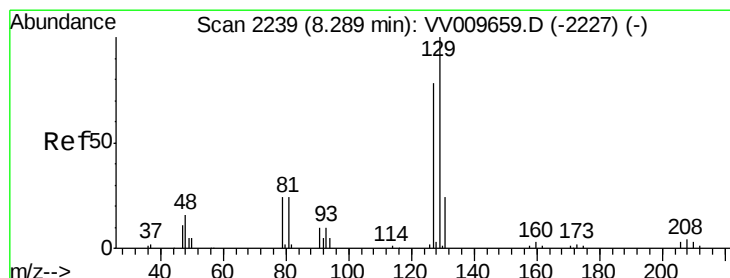
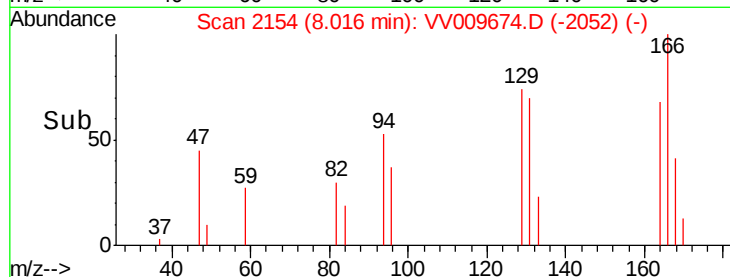
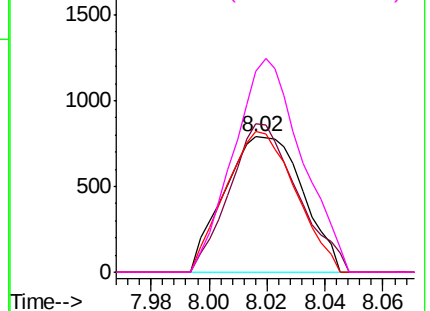


Abundance Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V



#50

Dibromochloromethane

Concen: 0.932 ug/L

RT: 8.02 min Scan# 2154

Delta R.T. -0.27 min

Lab File: VV009674.D

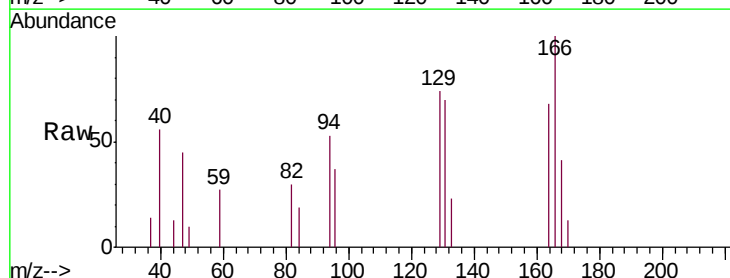
Acq: 14 Mar 2019 18:58

Tgt Ion:129 Resp: 1406

Ion Ratio Lower Upper

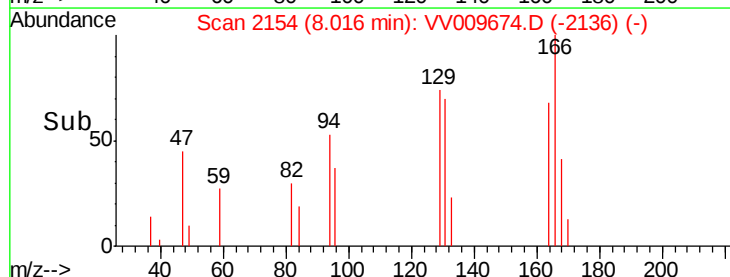
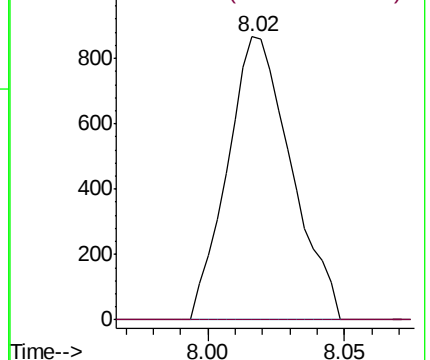
129 100

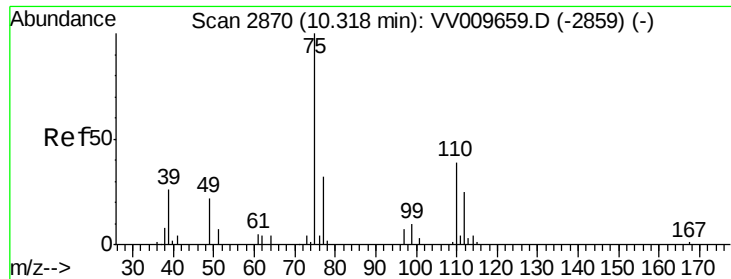
127 0.0 55.4 102.8#



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V





#59

1,2,3-Trichloropropane

Concen: 5.431 ug/L

RT: 11.30 min Scan# 3174

Delta R.T. 0.98 min

Lab File: VV009674.D

Acq: 14 Mar 2019 18:58

Instrument :

MSVOA_V

ClientSampleId :

BF195

Tgt Ion: 75 Resp: 6724

Ion Ratio Lower Upper

75 100

77 40.0 25.3 37.9#

