

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV041119\
 Data File : VV010241.D
 Acq On : 11 Apr 2019 14:03
 Operator : SY/MD
 Sample : K2255-11
 Misc : 4.70G/10mL/MSVOA_V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFC18

Quant Time: Apr 12 01:28:15 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM041019S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 12 01:24:48 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	255187	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	230301	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	92155	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	58704	19.98	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	79.92%
7) Chloroethane-d5	1.57	69	55912	22.15	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.60%
10) 1,1-Dichloroethene-d2	2.13	63	118136	15.80	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	63.20%
20) 2-Butanone-d5	3.93	46	39054	52.54	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	105.08%
24) Chloroform-d	4.40	84	128856	22.11	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	88.44%
26) 1,2-Dichloroethane-d4	5.08	65	79615	23.99	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	95.96%
29) Benzene-d6	5.10	84	275738	24.83	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	99.32%
33) 1,2-Dichloropropane-d6	6.12	67	85160	25.78	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	103.12%
37) Toluene-d8	7.36	98	269747	24.91	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	99.64%
38) trans-1,3-Dichloropropene-	7.66	79	30167	21.91	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	87.64%
39) 2-Hexanone-d5	8.13	63	26894	47.14	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	94.28%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	73134	24.67	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	98.68%
61) 1,2-Dichlorobenzene-d4	11.67	152	88027	25.87	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	103.48%

Target Compounds

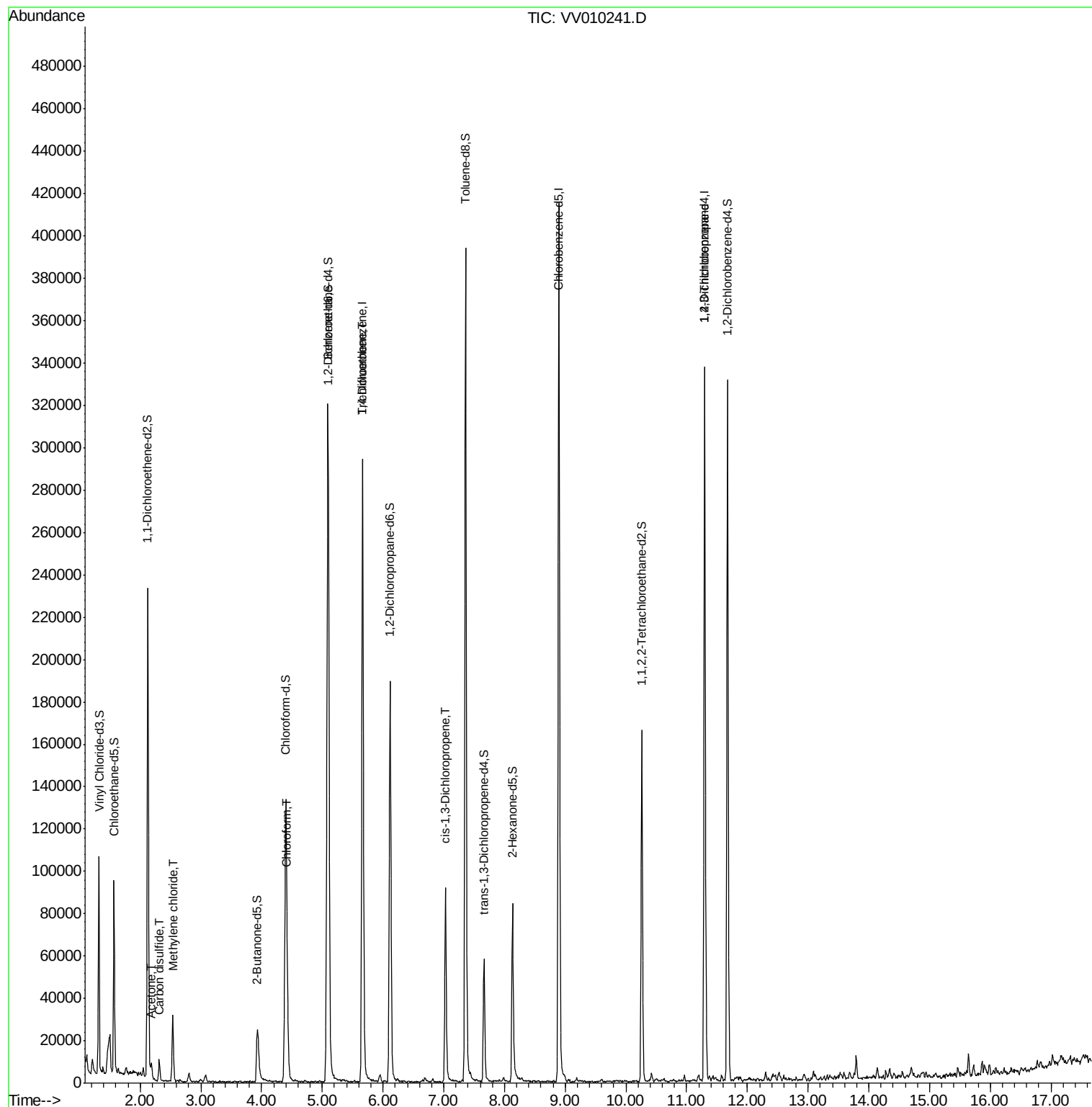
					Qvalue
13) Acetone	2.19	43	4531	5.705 ug/L	86
14) Carbon disulfide	2.32	76	8685	1.068 ug/L	97
16) Methylene chloride	2.54	84	13359	2.673 ug/L	99
25) Chloroform	4.43	83	13981	2.237 ug/L	93
35) Trichloroethene	5.66	95	6309	1.870 ug/L #	3
42) cis-1,3-Dichloropropene	7.03	75	2815	0.650 ug/L #	67
59) 1,2,3-Trichloropropane	11.30	75	12411	5.631 ug/L	97

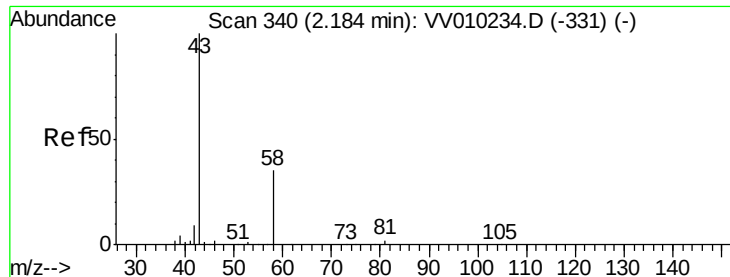
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 5.705 ug/L

RT: 2.19 min Scan# 342

Delta R.T. 0.00 min

Lab File: VV010241.D

Acq: 11 Apr 2019 14:03

Instrument :

MSVOA_V

ClientSampled :

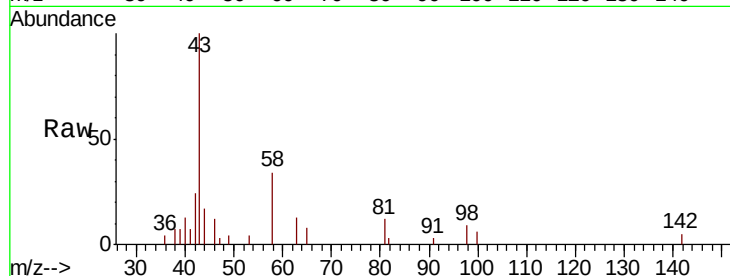
BFC18

Tgt Ion: 43 Resp: 4531

Ion Ratio Lower Upper

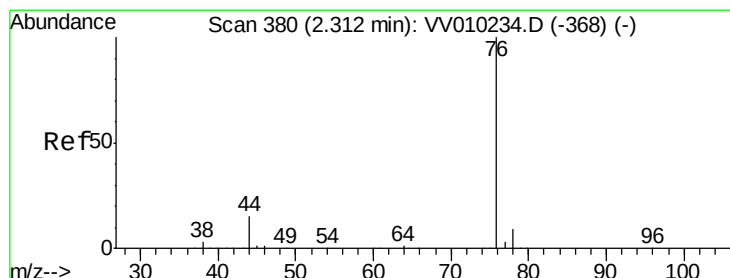
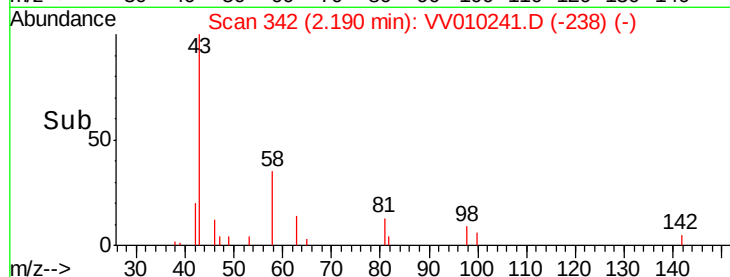
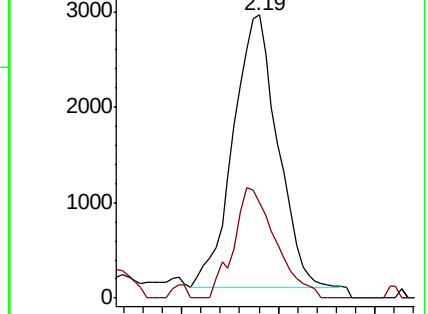
43 100

58 38.4 0.0 61.6



Abundance Ion 43.00 (42.70 to 43.70): VV010234.D (-331) (-)

Ion 58.00 (57.70 to 58.70): VV010234.D (-331) (-)



#14

Carbon disulfide

Concen: 1.068 ug/L

RT: 2.32 min Scan# 382

Delta R.T. 0.00 min

Lab File: VV010241.D

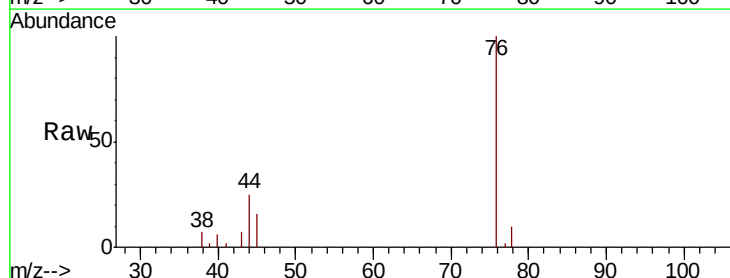
Acq: 11 Apr 2019 14:03

Tgt Ion: 76 Resp: 8685

Ion Ratio Lower Upper

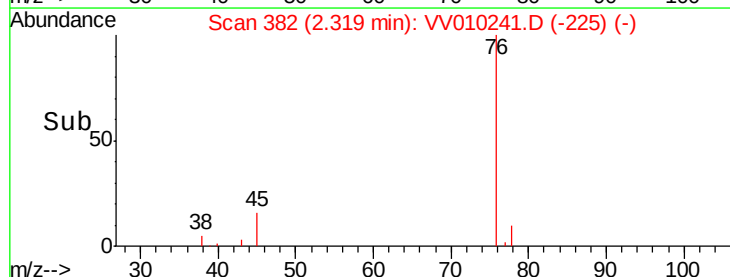
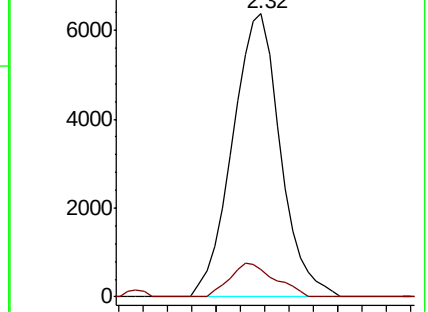
76 100

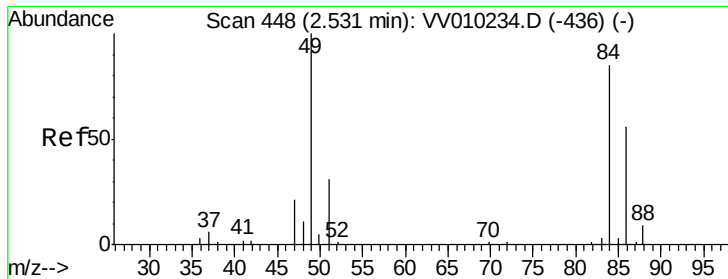
78 9.8 7.0 10.4



Abundance Ion 76.00 (75.70 to 76.70): VV010234.D (-368) (-)

Ion 78.00 (77.70 to 78.70): VV010234.D (-368) (-)

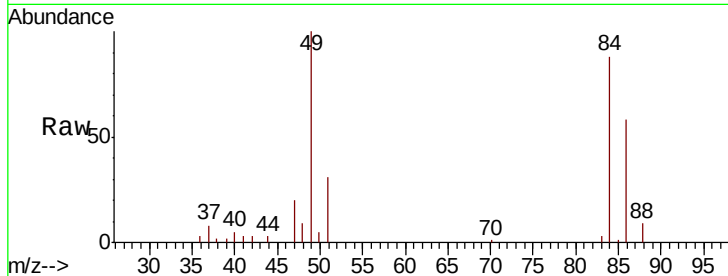




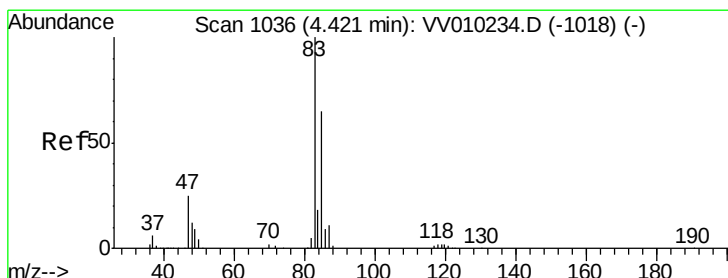
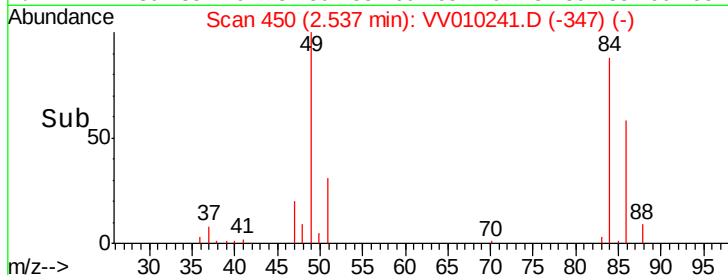
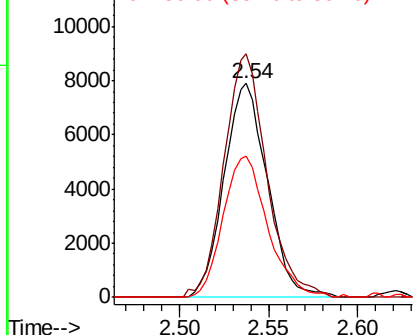
#16
Methylene chloride
Concen: 2.673 ug/L
RT: 2.54 min Scan# 450
Delta R.T. 0.00 min
Lab File: VV010241.D
Acq: 11 Apr 2019 14:03

Instrument :
MSVOA_V
ClientSampleId :
BFC18

Tgt Ion: 84 Resp: 13359
Ion Ratio Lower Upper
84 100
49 113.9 79.9 148.5
86 65.9 44.5 82.7

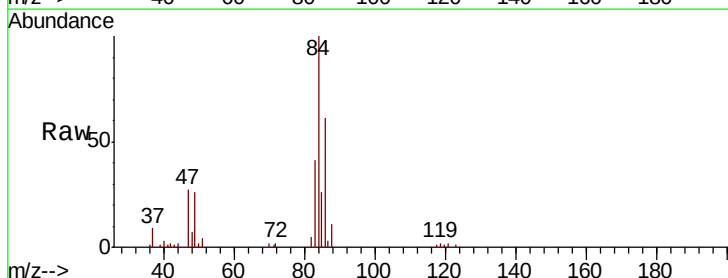


Abundance Ion 84.00 (83.70 to 84.70): VV0
Ion 49.00 (48.70 to 49.70): VV0
Ion 86.00 (85.70 to 86.70): VV0

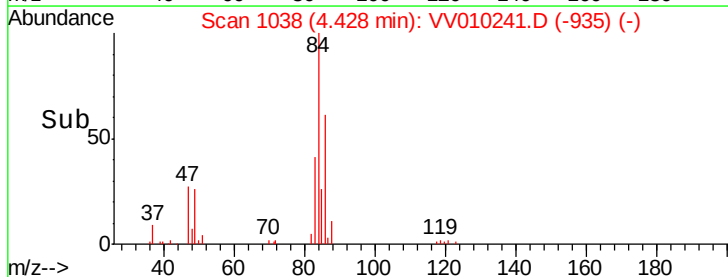
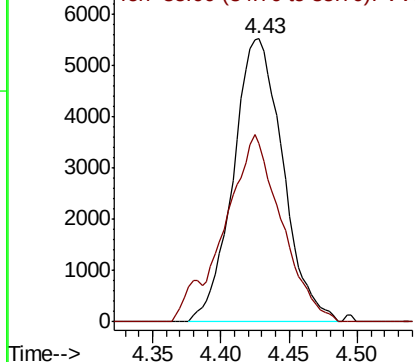


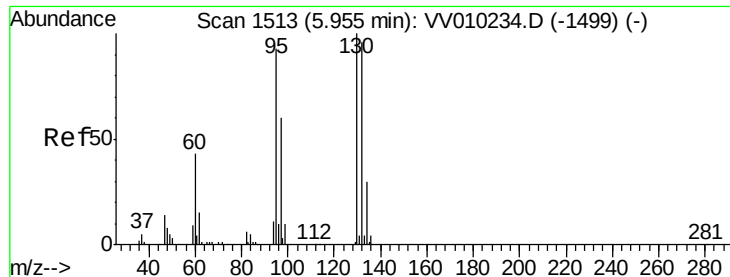
#25
Chloroform
Concen: 2.237 ug/L
RT: 4.43 min Scan# 1038
Delta R.T. 0.00 min
Lab File: VV010241.D
Acq: 11 Apr 2019 14:03

Tgt Ion: 83 Resp: 13981
Ion Ratio Lower Upper
83 100
85 70.7 45.4 84.2



Abundance Ion 83.00 (82.70 to 83.70): VV0
Ion 85.00 (84.70 to 85.70): VV0





#35

Trichloroethene

Concen: 1.870 ug/L

RT: 5.66 min Scan# 1422

Delta R.T. -0.30 min

Lab File: VV010241.D

Acq: 11 Apr 2019 14:03

Instrument :

MSVOA_V

ClientSampleId :

BFC18

Tgt Ion: 95 Resp: 6309

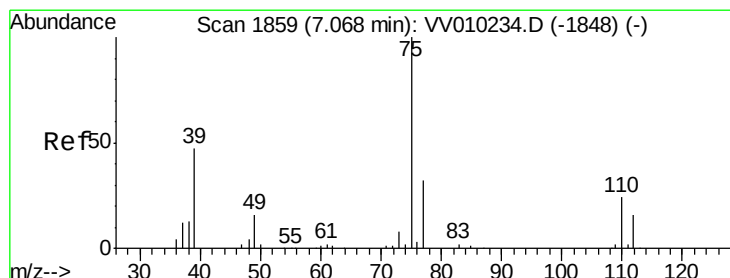
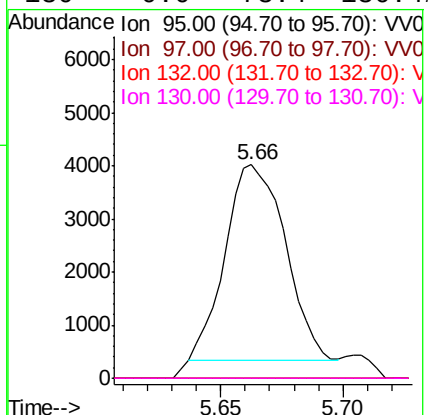
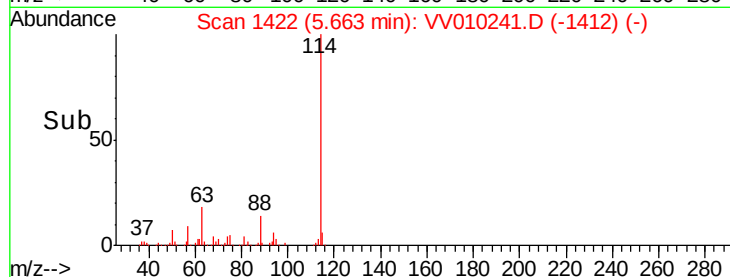
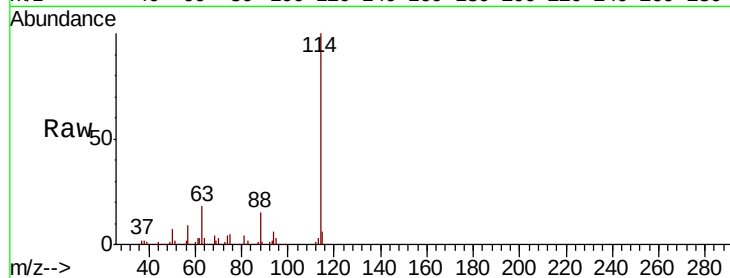
Ion Ratio Lower Upper

95 100

97 0.0 44.3 82.3#

132 0.0 71.3 132.3#

130 0.0 73.4 136.4#



#42

cis-1,3-Dichloropropene

Concen: 0.650 ug/L

RT: 7.03 min Scan# 1848

Delta R.T. -0.04 min

Lab File: VV010241.D

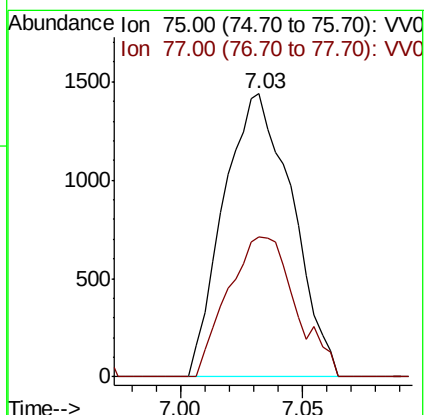
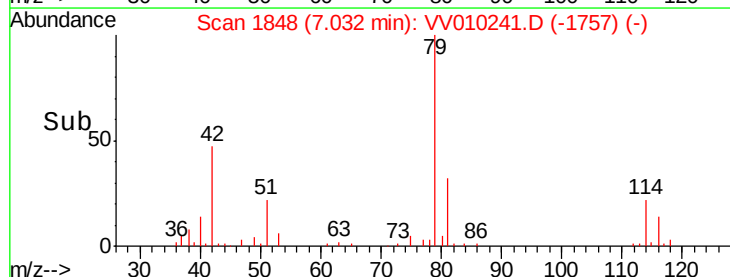
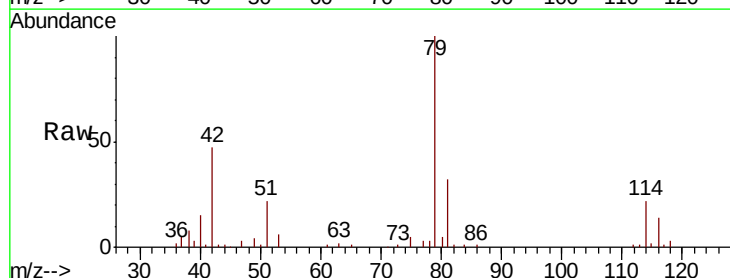
Acq: 11 Apr 2019 14:03

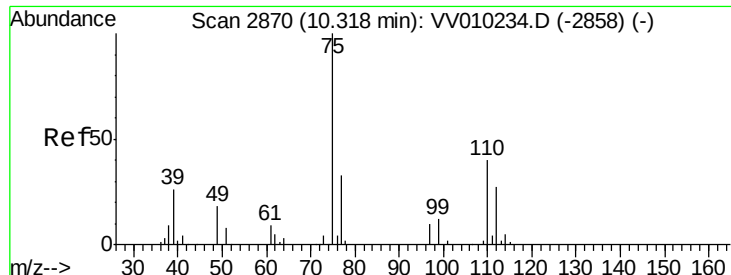
Tgt Ion: 75 Resp: 2815

Ion Ratio Lower Upper

75 100

77 49.7 21.9 40.7#





#59

1,2,3-Trichloropropane

Concen: 5.631 ug/L

RT: 11.30 min Scan# 3174

Delta R.T. 0.98 min

Lab File: VV010241.D

Acq: 11 Apr 2019 14:03

Instrument :

MSVOA_V

ClientSampleId :

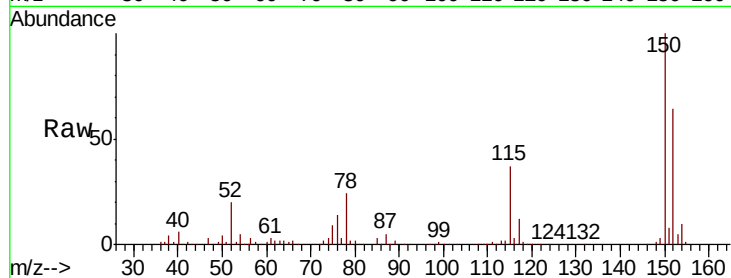
BFC18

Tgt Ion: 75 Resp: 12411

Ion Ratio Lower Upper

75 100

77 35.0 26.9 40.3



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0

