

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV033019\
 Data File : VV010024.D
 Acq On : 30 Mar 2019 17:10
 Operator : SY/MD
 Sample : K2166-09
 Misc : 6.27G/10mL/MSVOA_V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BF0L4

Quant Time: Mar 30 23:35:43 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM032619S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Mar 30 23:31:11 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	155441	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	156551	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	62085	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	69779	22.12	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.48%
7) Chloroethane-d5	1.56	69	83776	24.59	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.36%
10) 1,1-Dichloroethene-d2	2.12	63	154539	17.91	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	71.64%
20) 2-Butanone-d5	3.93	46	39724	67.58	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	135.16%#
24) Chloroform-d	4.40	84	102870	25.98	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	103.92%
26) 1,2-Dichloroethane-d4	5.08	65	73827	30.98	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	123.92%
29) Benzene-d6	5.10	84	213049	25.91	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	103.64%
33) 1,2-Dichloropropane-d6	6.12	67	68519	28.49	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	113.96%
37) Toluene-d8	7.36	98	178231	22.90	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	91.60%
38) trans-1,3-Dichloropropene-	7.66	79	20837	21.18	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	84.72%
39) 2-Hexanone-d5	8.13	63	27617	61.51	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	123.02%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	67711	28.43	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	113.72%
61) 1,2-Dichlorobenzene-d4	11.67	152	64468	27.27	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	109.08%

Target Compounds

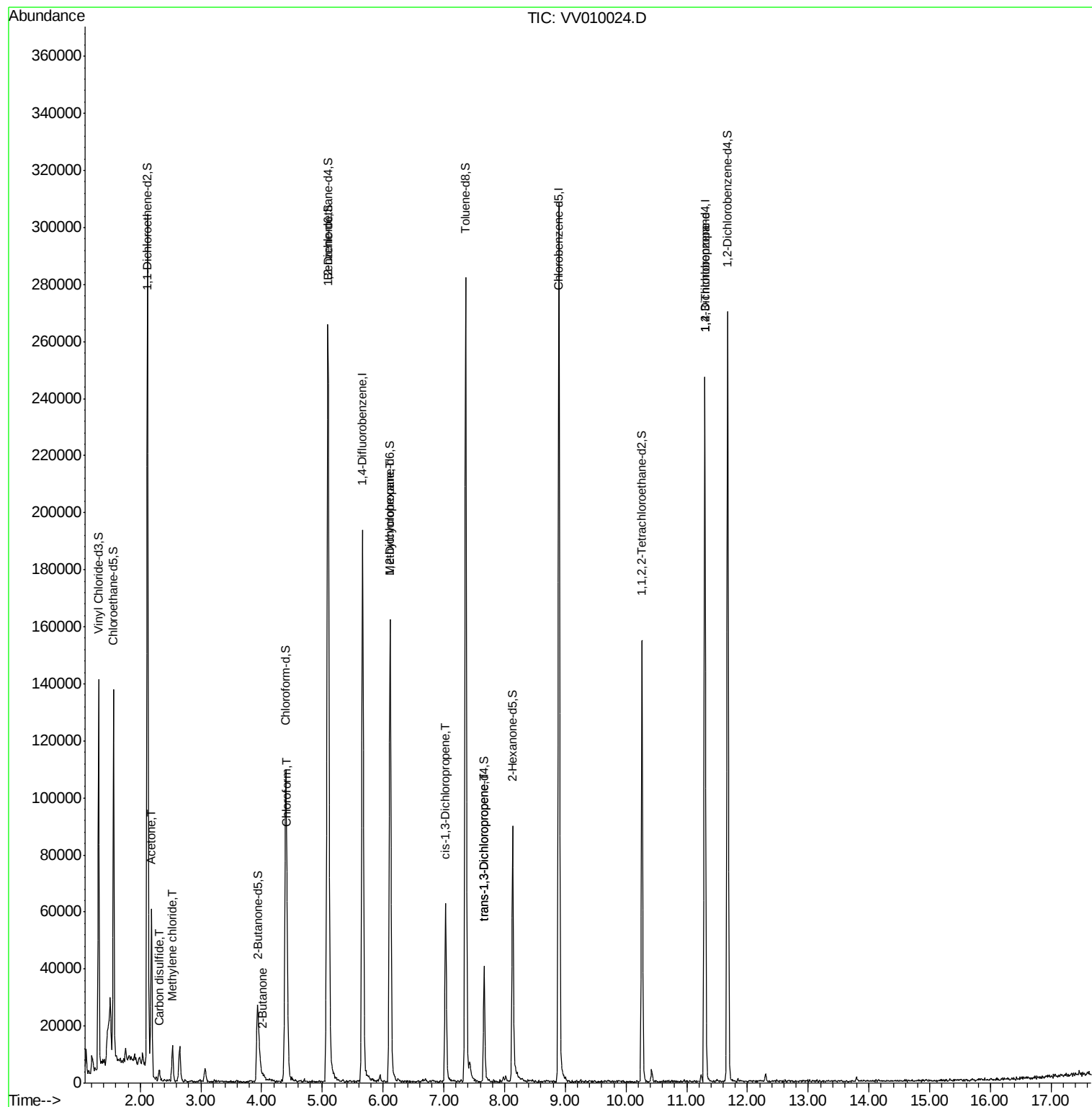
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
13) Acetone	2.19	43	46621	52.386	ug/L	99
14) Carbon disulfide	2.31	76	1752	0.341	ug/L #	82
16) Methylene chloride	2.53	84	4882	1.907	ug/L	89
21) 2-Butanone	4.02	43	757	0.955	ug/L	78
25) Chloroform	4.42	83	13528	3.285	ug/L #	74
36) Methylcyclohexane	6.11	83	16754	4.709	ug/L #	20
42) cis-1,3-Dichloropropene	7.04	75	2026	0.647	ug/L #	72
45) trans-1,3-Dichloropropene	7.67	75	1201	0.468	ug/L #	76
59) 1,2,3-Trichloropropane	11.30	75	8722	5.046	ug/L	89

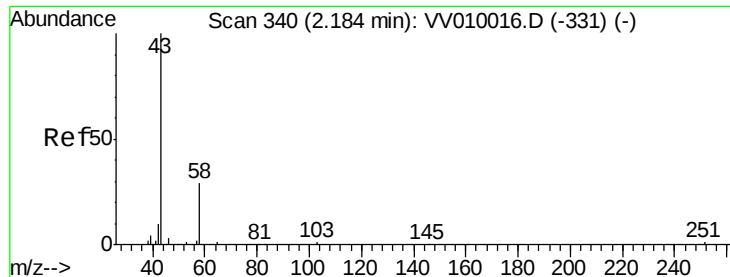
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_V\DATA\VV033019\
Data File : VV010024.D
Acq On : 30 Mar 2019 17:10
Operator : SY/MD
Sample : K2166-09
Misc : 6.27G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BF0L4

Quant Time: Mar 30 23:35:43 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM032619S.M
Quant Title : VOC Analysis
QLast Update : Sat Mar 30 23:31:11 2019
Response via : Initial Calibration





#13

Acetone

Concen: 52.386 ug/L

RT: 2.19 min Scan# 341

Delta R.T. 0.00 min

Lab File: VV010024.D

Acq: 30 Mar 2019 17:10

Instrument :

MSVOA_V

ClientSampleId :

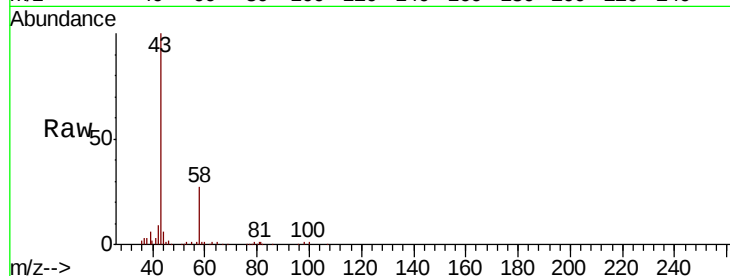
BF0L4

Tgt Ion: 43 Resp: 46621

Ion Ratio Lower Upper

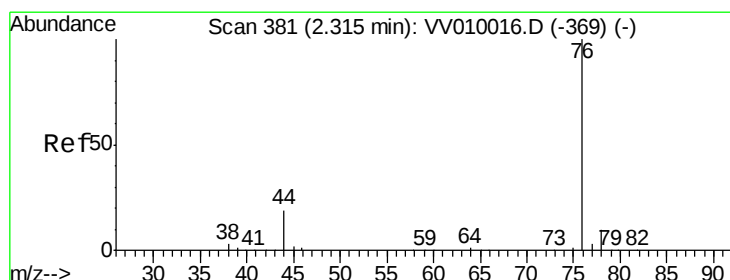
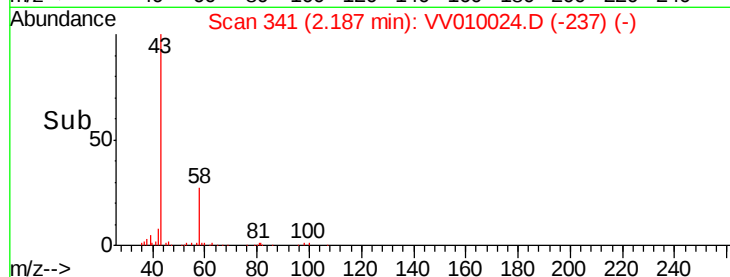
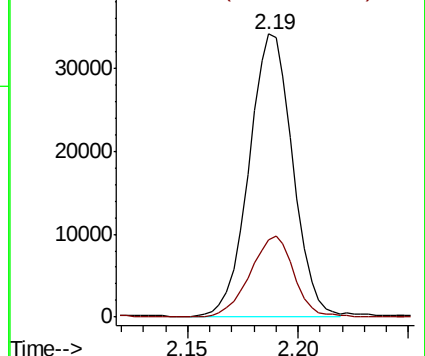
43 100

58 29.1 0.0 59.4



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0



#14

Carbon disulfide

Concen: 0.341 ug/L

RT: 2.31 min Scan# 380

Delta R.T. -0.00 min

Lab File: VV010024.D

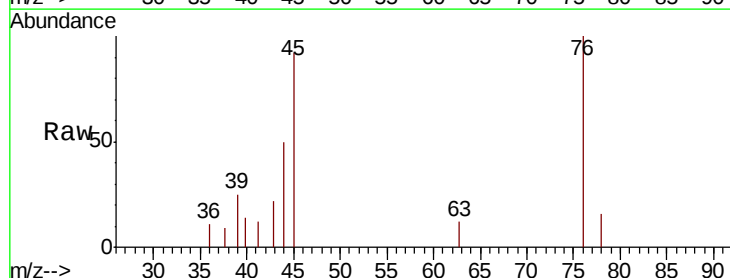
Acq: 30 Mar 2019 17:10

Tgt Ion: 76 Resp: 1752

Ion Ratio Lower Upper

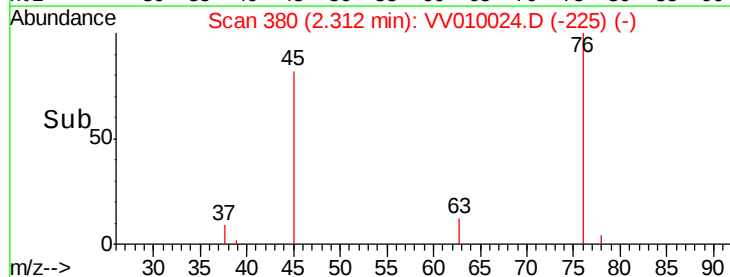
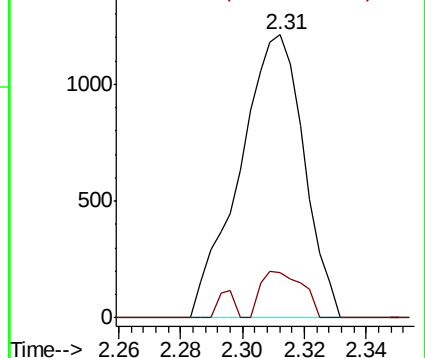
76 100

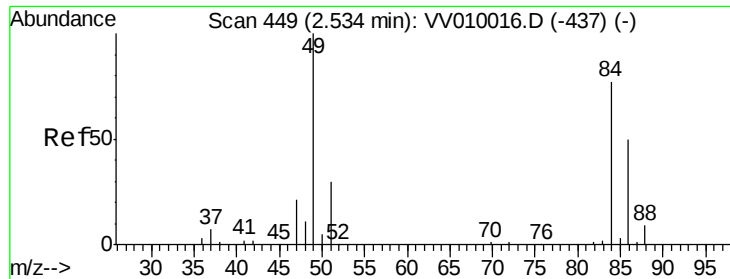
78 16.0 7.5 11.3#



Abundance Ion 76.00 (75.70 to 76.70): VV0

Ion 78.00 (77.70 to 78.70): VV0

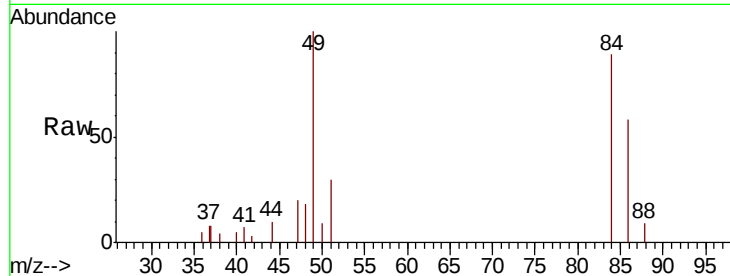




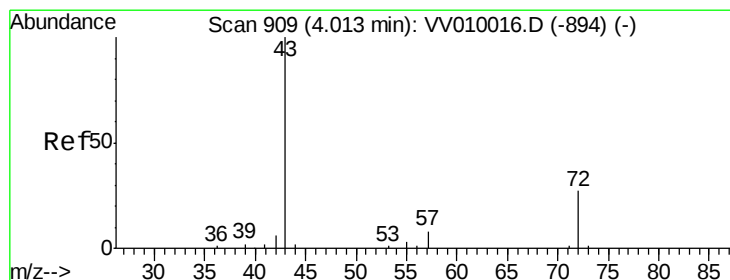
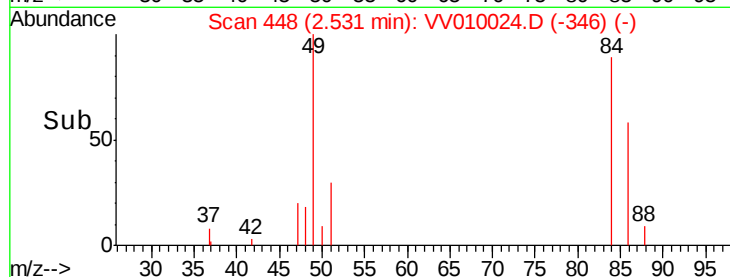
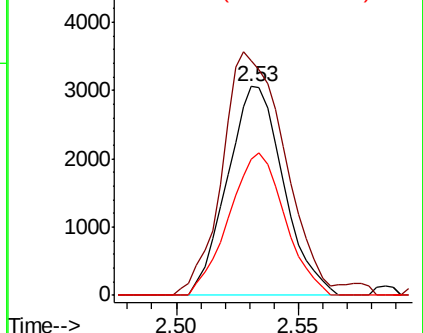
#16
Methylene chloride
Concen: 1.907 ug/L
RT: 2.53 min Scan# 448
Delta R.T. -0.00 min
Lab File: VV010024.D
Acq: 30 Mar 2019 17:10

Instrument :
MSVOA_V
ClientSampleId :
BF0L4

Tgt Ion: 84 Resp: 4882
Ion Ratio Lower Upper
84 100
49 112.5 90.4 167.8
86 65.3 44.0 81.6

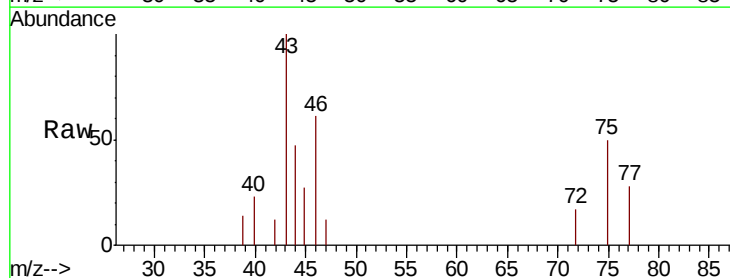


Abundance Ion 84.00 (83.70 to 84.70): VV0
Ion 49.00 (48.70 to 49.70): VV0
Ion 86.00 (85.70 to 86.70): VV0

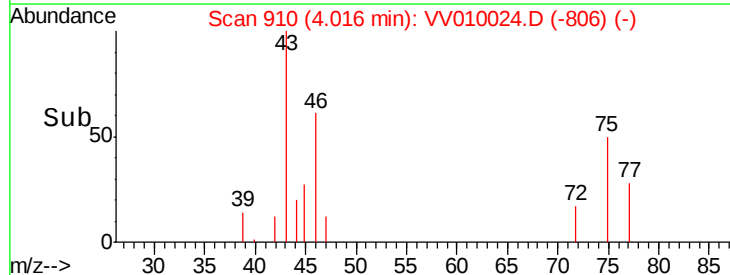
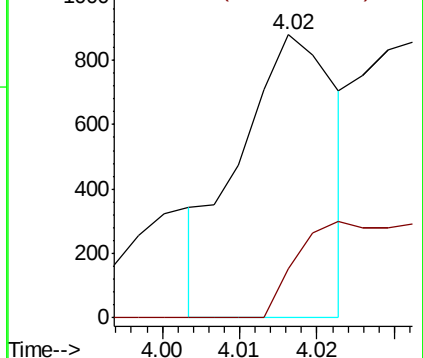


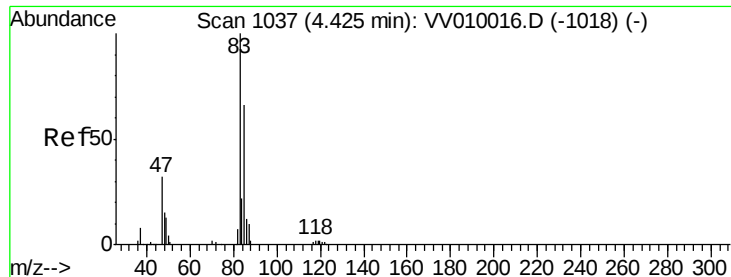
#21
2-Butanone
Concen: 0.955 ug/L
RT: 4.02 min Scan# 910
Delta R.T. 0.00 min
Lab File: VV010024.D
Acq: 30 Mar 2019 17:10

Tgt Ion: 43 Resp: 757
Ion Ratio Lower Upper
43 100
72 32.5 11.1 33.1



Abundance Ion 43.00 (42.70 to 43.70): VV0
Ion 72.00 (71.70 to 72.70): VV0





#25

Chloroform

Concen: 3.285 ug/L

RT: 4.42 min Scan# 1037

Delta R.T. 0.00 min

Lab File: VV010024.D

Acq: 30 Mar 2019 17:10

Instrument :

MSVOA_V

ClientSampleId :

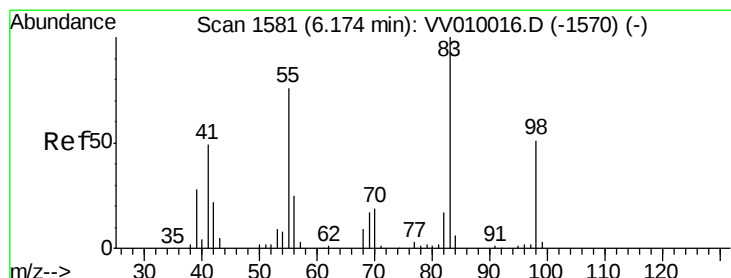
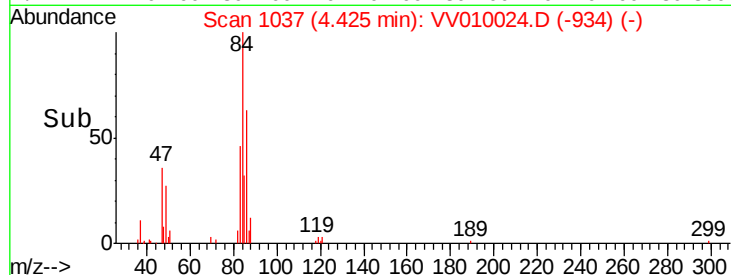
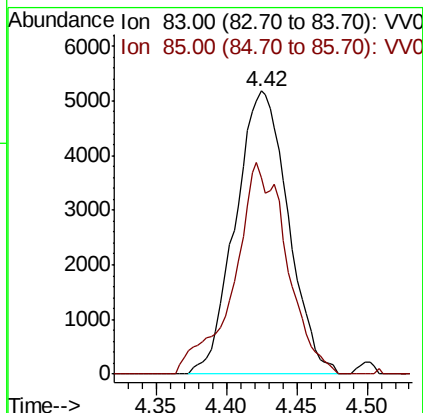
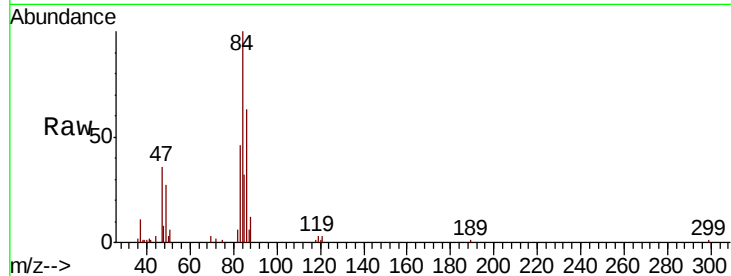
BF0L4

Tgt Ion: 83 Resp: 13528

Ion Ratio Lower Upper

83 100

85 45.2 46.1 85.7#



#36

Methylcyclohexane

Concen: 4.709 ug/L

RT: 6.11 min Scan# 1562

Delta R.T. -0.06 min

Lab File: VV010024.D

Acq: 30 Mar 2019 17:10

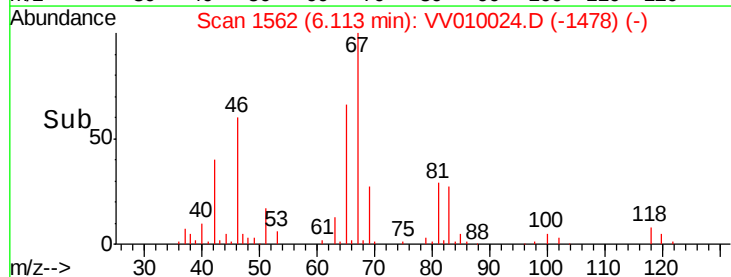
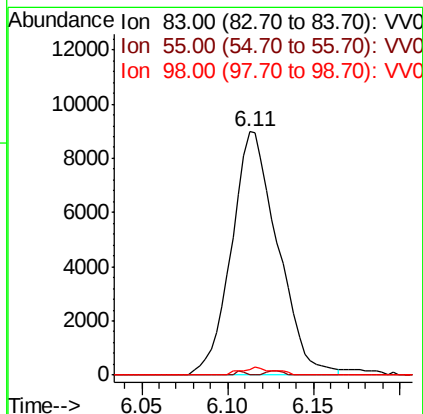
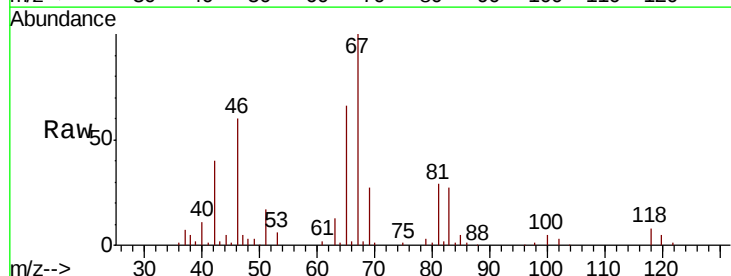
Tgt Ion: 83 Resp: 16754

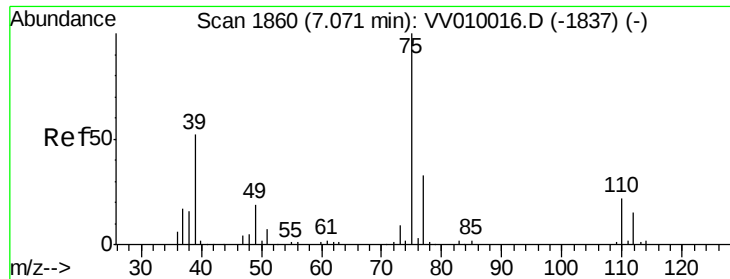
Ion Ratio Lower Upper

83 100

55 0.6 57.3 85.9#

98 0.7 39.2 58.8#



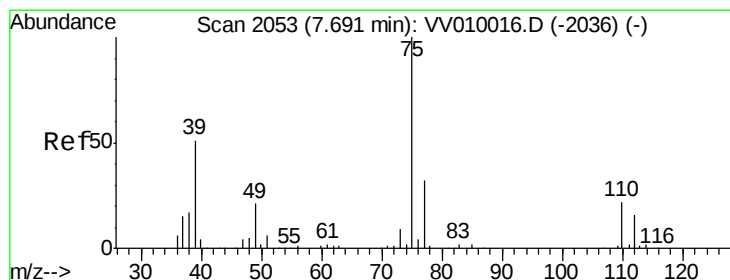
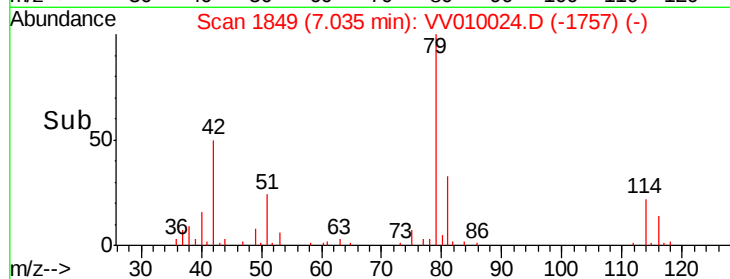
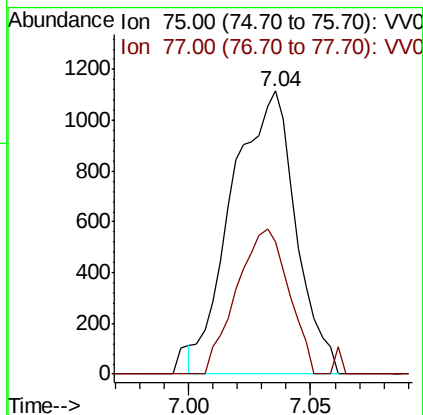
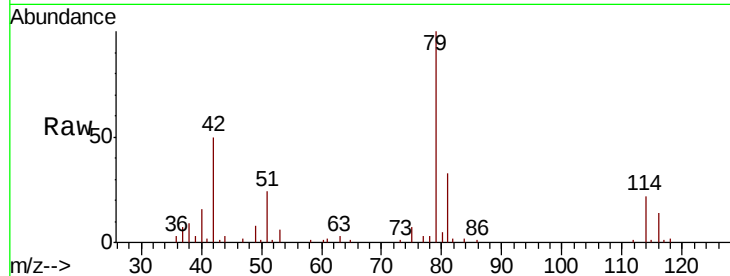


#42

cis-1,3-Dichloropropene
Concen: 0.647 ug/L
RT: 7.04 min Scan# 1849
Delta R.T. -0.04 min
Lab File: VV010024.D
Acq: 30 Mar 2019 17:10

Instrument :
MSVOA_V
ClientSampled :
BF0L4

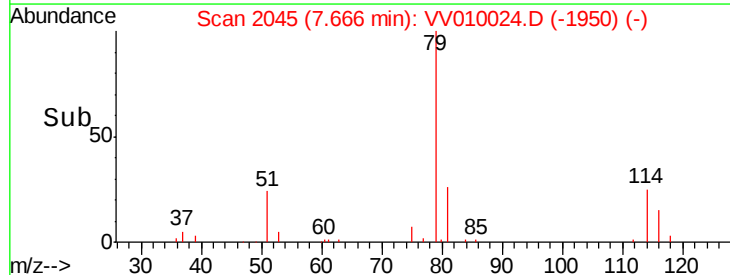
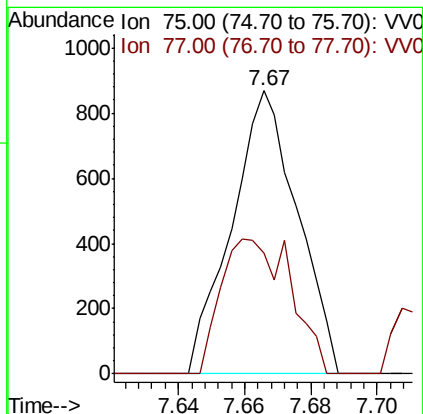
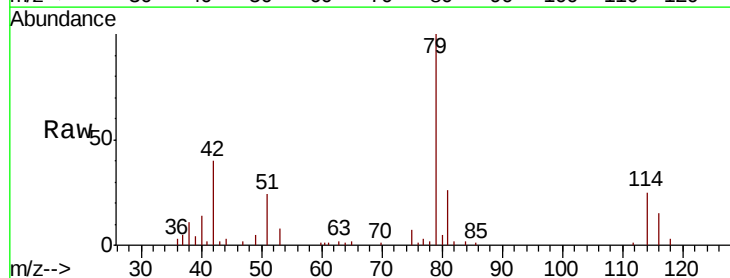
Tgt Ion: 75 Resp: 2026
Ion Ratio Lower Upper
75 100
77 46.9 21.8 40.6#

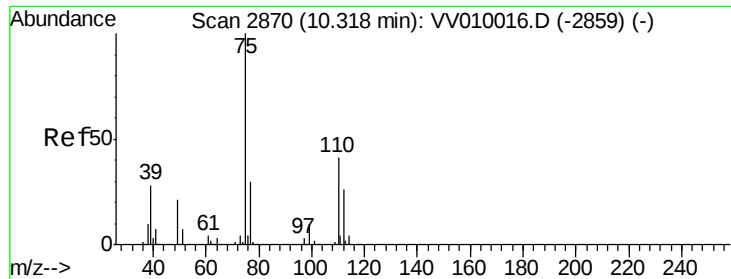


#45

trans-1,3-Dichloropropene
Concen: 0.468 ug/L
RT: 7.67 min Scan# 2045
Delta R.T. -0.03 min
Lab File: VV010024.D
Acq: 30 Mar 2019 17:10

Tgt Ion: 75 Resp: 1201
Ion Ratio Lower Upper
75 100
77 42.6 20.7 38.5#





#59
 1,2,3-Trichloropropane
 Concen: 5.046 ug/L
 RT: 11.30 min Scan# 3174
 Delta R.T. 0.98 min
 Lab File: VV010024.D
 Acq: 30 Mar 2019 17:10

Instrument :
 MSVOA_V
 ClientSampleId :
 BF0L4

Tgt Ion: 75 Resp: 8722
 Ion Ratio Lower Upper
 75 100
 77 39.1 26.2 39.2

