

Data File : VV009506.D
Acq On : 06 Mar 2019 00:31
Operator : SY/MD
Sample : K1736-03
Misc : 3.48G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BF621

Quant Time: Mar 06 04:17:53 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	114492	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	96254	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	32745	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	31347	22.75	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.00%
7) Chloroethane-d5	1.57	69	55038	27.61	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	110.44%
10) 1,1-Dichloroethene-d2	2.13	63	65207	18.18	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	72.72%
20) 2-Butanone-d5	3.95	46	23481	50.00	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	100.00%
24) Chloroform-d	4.40	84	76045	27.88	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	111.52%
26) 1,2-Dichloroethane-d4	5.08	65	50678	32.66	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	130.64%#
29) Benzene-d6	5.10	84	144925	30.40	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	121.60%
33) 1,2-Dichloropropane-d6	6.12	67	49791	35.39	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	141.56%#
37) Toluene-d8	7.36	98	123545	26.58	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	106.32%
38) trans-1,3-Dichloropropene-	7.67	79	14474	21.23	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	84.92%
39) 2-Hexanone-d5	8.14	63	17940	54.64	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	109.28%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	47091	31.41	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	125.64%#
61) 1,2-Dichlorobenzene-d4	11.68	152	33579	28.09	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	112.36%

Target Compounds

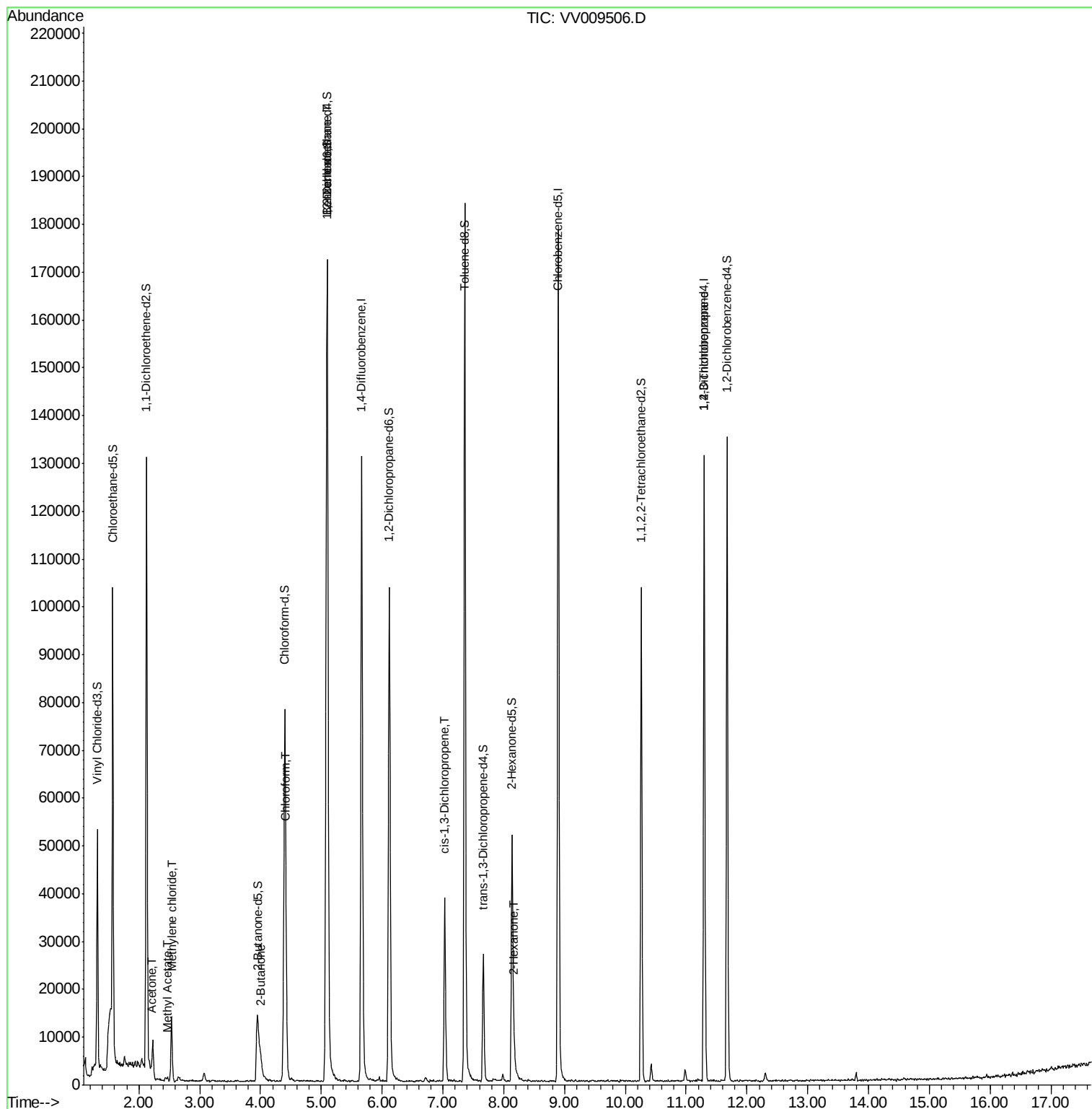
					Qvalue
13) Acetone	2.21	43	2951	6.180 ug/L	99
15) Methyl Acetate	2.47	43	440	0.569 ug/L #	48
16) Methylene chloride	2.53	84	5717	3.805 ug/L	88
21) 2-Butanone	4.01	43	1847	3.065 ug/L #	48
25) Chloroform	4.43	83	2036	0.757 ug/L #	59
27) 1,2-Dichloroethane	5.10	62	729	0.390 ug/L #	77
42) cis-1,3-Dichloropropene	7.03	75	1214	0.610 ug/L #	69
49) 2-Hexanone	8.17	43	4613	6.035 ug/L #	39
59) 1,2,3-Trichloropropane	11.30	75	4679	4.315 ug/L #	80

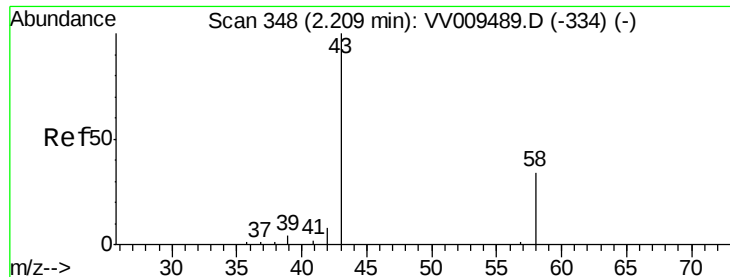
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 6.180 ug/L

RT: 2.21 min Scan# 347

Delta R.T. -0.00 min

Lab File: VV009506.D

Acq: 06 Mar 2019 00:31

Instrument :

MSVOA_V

ClientSampleId :

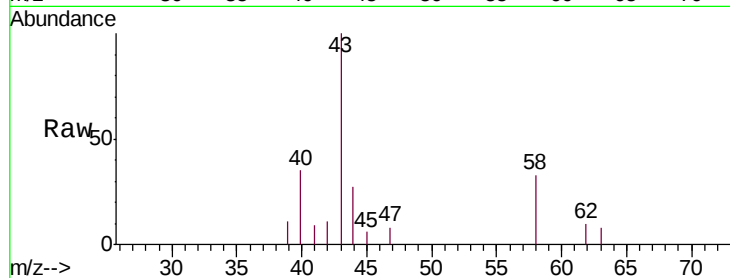
BF621

Tgt Ion: 43 Resp: 2951

Ion Ratio Lower Upper

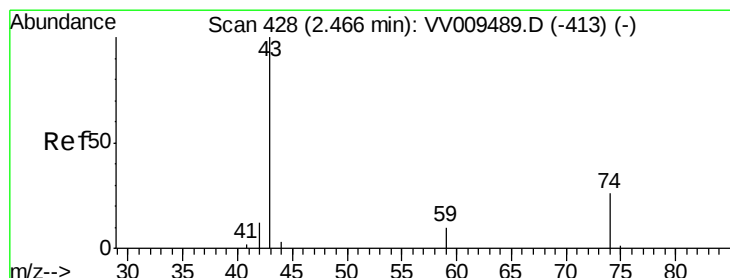
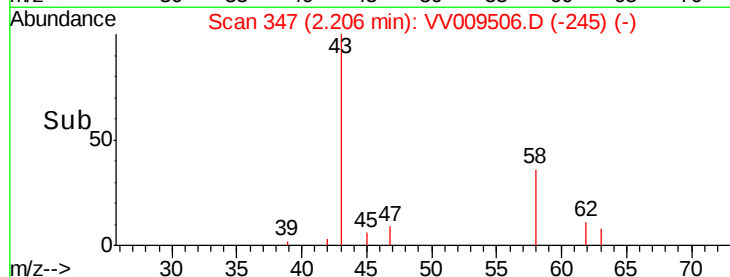
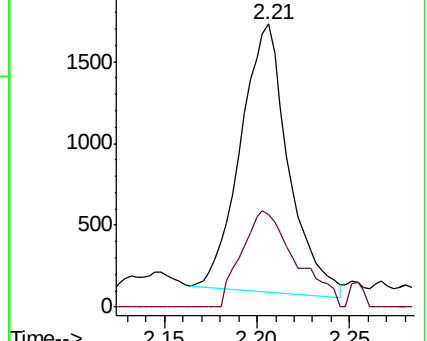
43 100

58 35.0 0.0 68.8



Abundance Ion 43.00 (42.70 to 43.70): VV009489.D (-334) (-)

Ion 58.00 (57.70 to 58.70): VV009489.D (-334) (-)



#15

Methyl Acetate

Concen: 0.569 ug/L

RT: 2.47 min Scan# 429

Delta R.T. 0.00 min

Lab File: VV009506.D

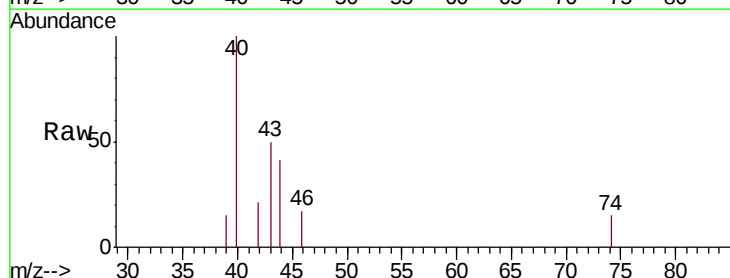
Acq: 06 Mar 2019 00:31

Tgt Ion: 43 Resp: 440

Ion Ratio Lower Upper

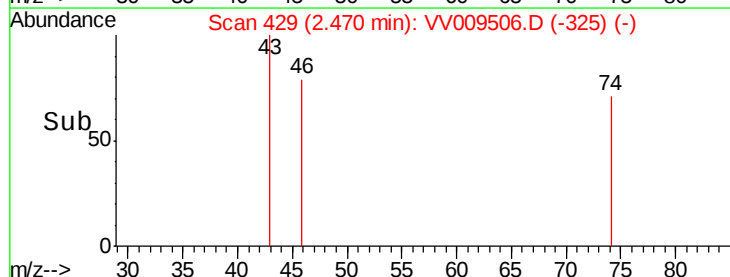
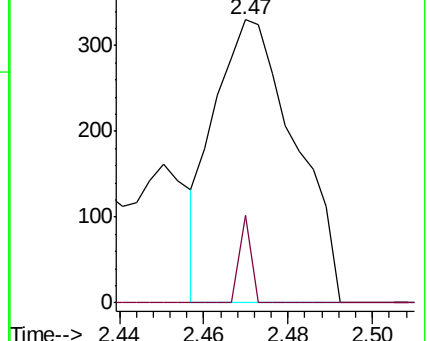
43 100

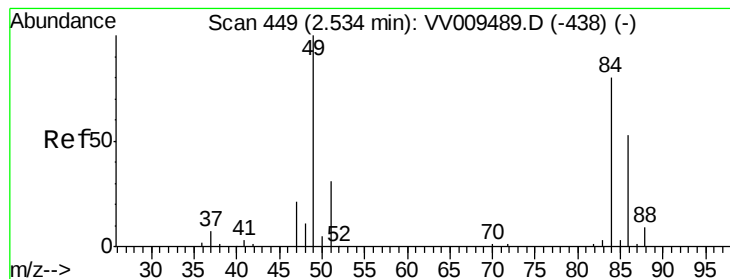
74 0.0 21.8 32.8#



Abundance Ion 43.00 (42.70 to 43.70): VV009489.D (-413) (-)

Ion 74.00 (73.70 to 74.70): VV009489.D (-413) (-)





#16

Methylene chloride

Concen: 3.805 ug/L

RT: 2.53 min Scan# 449

Delta R.T. 0.00 min

Lab File: VV009506.D

Acq: 06 Mar 2019 00:31

Instrument :

MSVOA_V

ClientSampled :

BF621

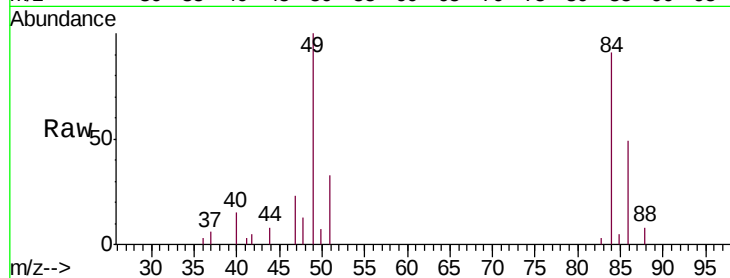
Tgt Ion: 84 Resp: 5717

Ion Ratio Lower Upper

84 100

49 109.7 84.6 157.0

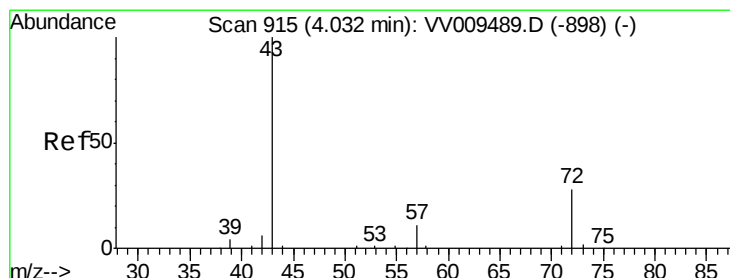
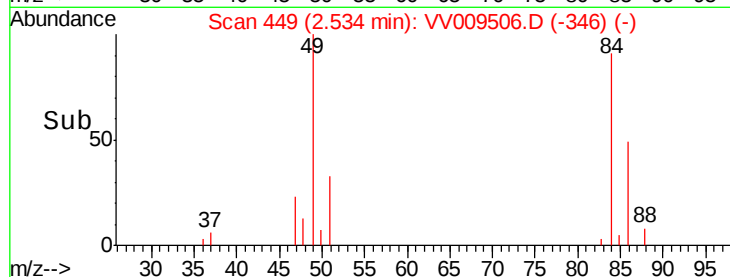
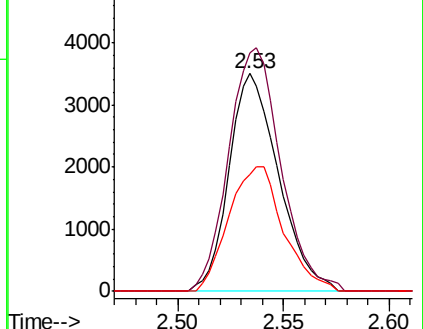
86 53.9 46.1 85.7



Abundance Ion 84.00 (83.70 to 84.70): VV009489.D (-438) (-)

Ion 49.00 (48.70 to 49.70): VV009489.D (-438) (-)

Ion 86.00 (85.70 to 86.70): VV009489.D (-438) (-)



#21

2-Butanone

Concen: 3.065 ug/L

RT: 4.01 min Scan# 907

Delta R.T. -0.03 min

Lab File: VV009506.D

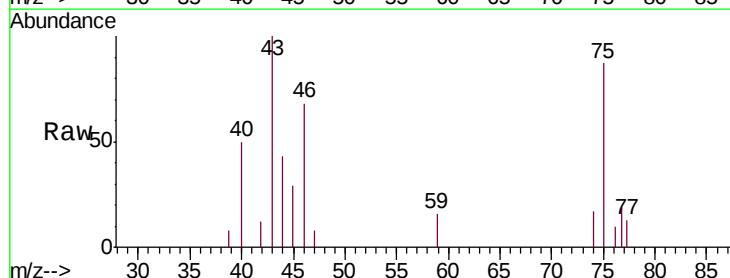
Acq: 06 Mar 2019 00:31

Tgt Ion: 43 Resp: 1847

Ion Ratio Lower Upper

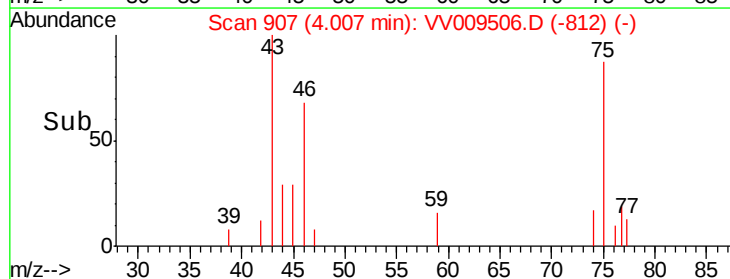
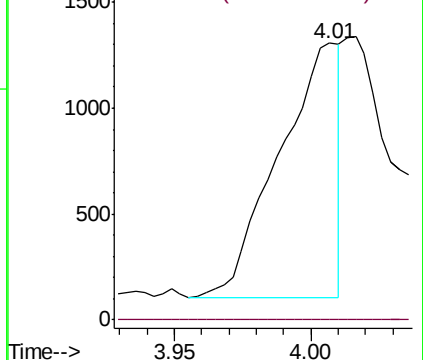
43 100

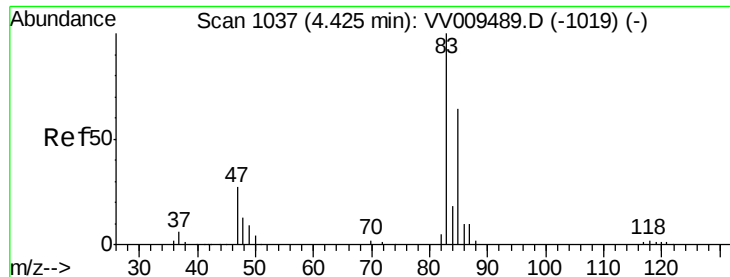
72 0.0 13.7 41.0#



Abundance Ion 43.00 (42.70 to 43.70): VV009489.D (-898) (-)

Ion 72.00 (71.70 to 72.70): VV009489.D (-898) (-)

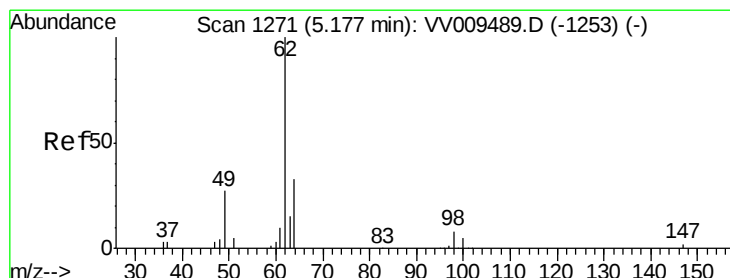
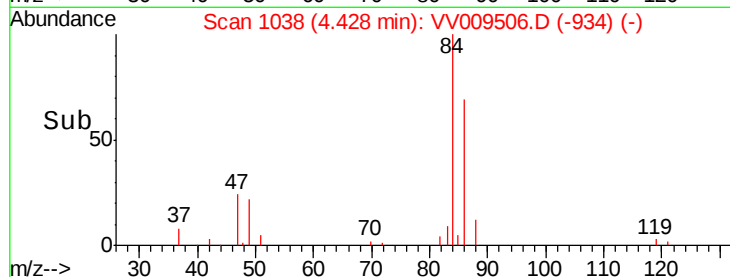
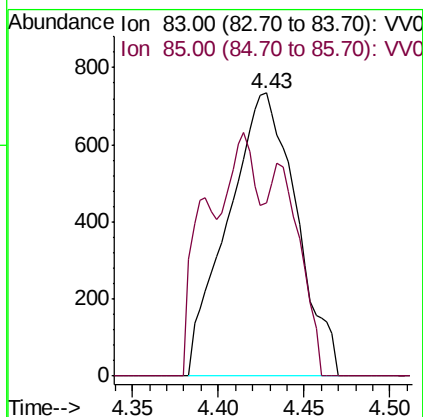
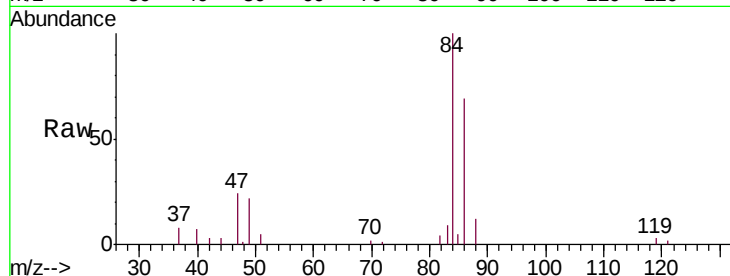




#25
Chloroform
Concen: 0.757 ug/L
RT: 4.43 min Scan# 1038
Delta R.T. 0.00 min
Lab File: VV009506.D
Acq: 06 Mar 2019 00:31

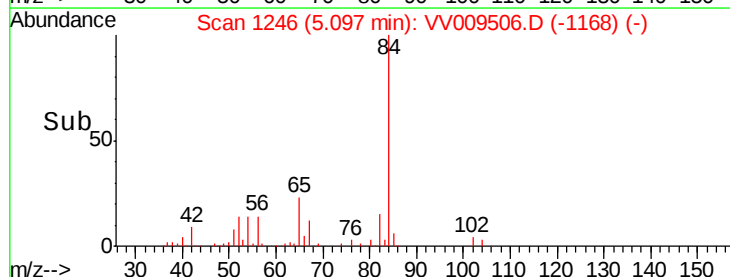
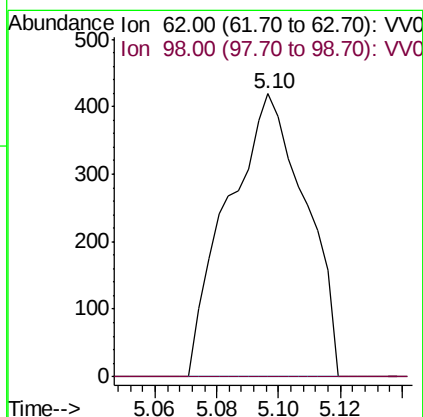
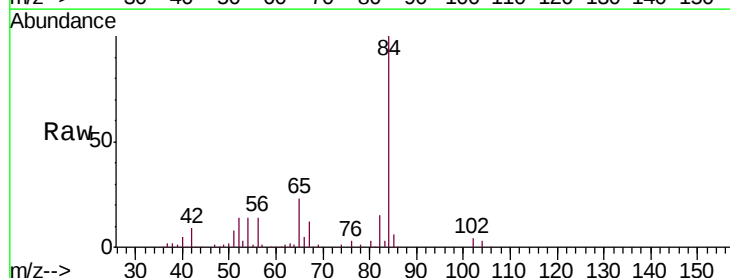
Instrument :
MSVOA_V
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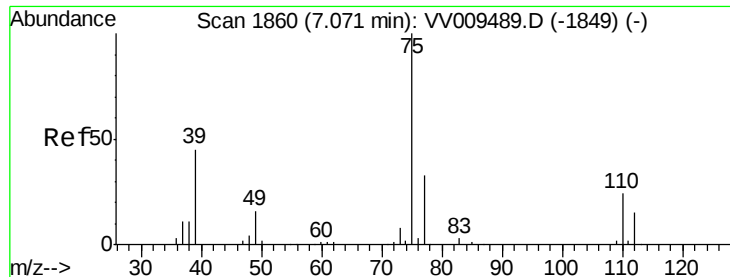
Tgt Ion: 83 Resp: 2036
Ion Ratio Lower Upper
83 100
85 32.5 45.4 84.2#



#27
1,2-Dichloroethane
Concen: 0.390 ug/L
RT: 5.10 min Scan# 1246
Delta R.T. -0.08 min
Lab File: VV009506.D
Acq: 06 Mar 2019 00:31

Tgt Ion: 62 Resp: 729
Ion Ratio Lower Upper
62 100
98 0.0 6.6 10.0#



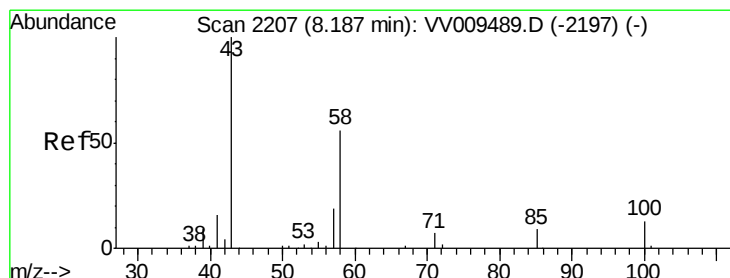
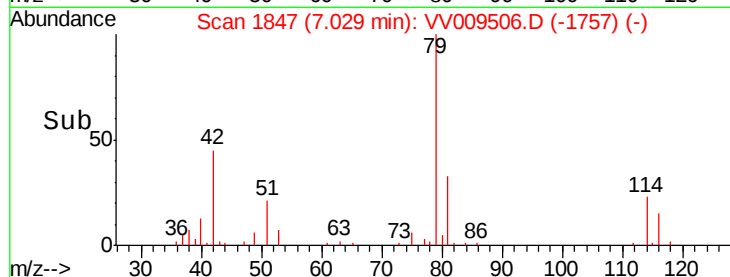
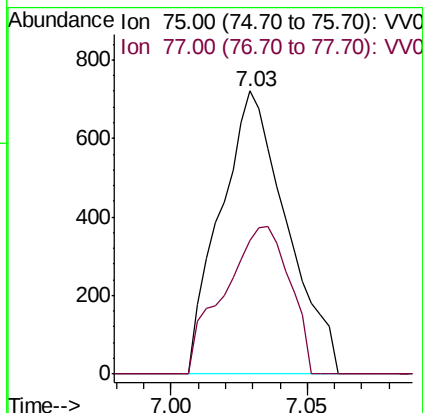
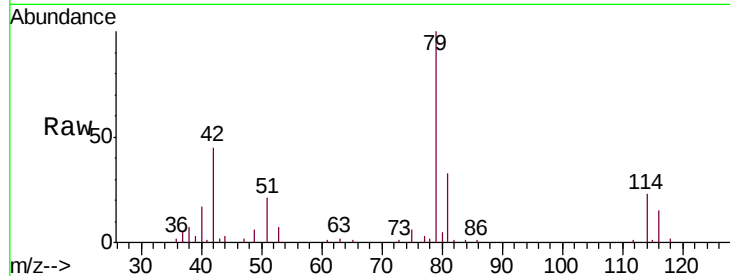


#42

cis-1,3-Dichloropropene
Concen: 0.610 ug/L
RT: 7.03 min Scan# 1847
Delta R.T. -0.04 min
Lab File: VV009506.D
Acq: 06 Mar 2019 00:31

Instrument :
MSVOA_V
ClientSampleId :
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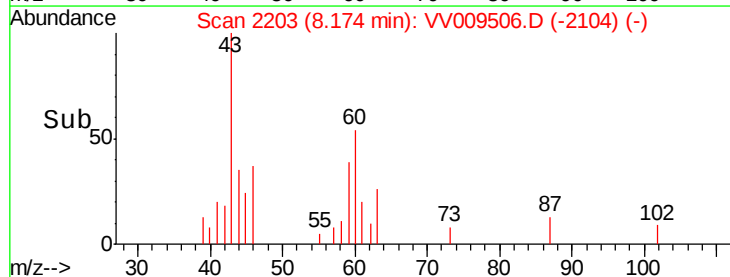
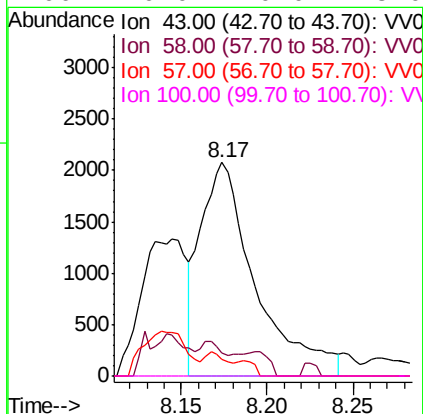
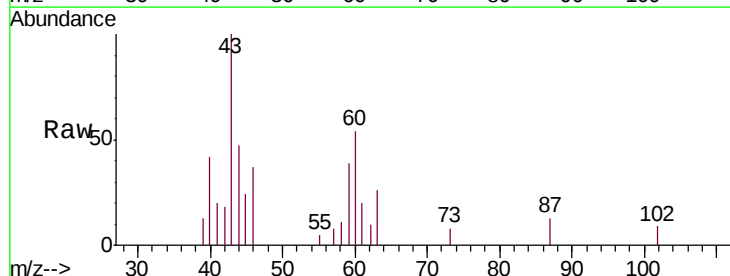
Tgt Ion: 75 Resp: 1214
Ion Ratio Lower Upper
75 100
77 47.3 21.4 39.8#

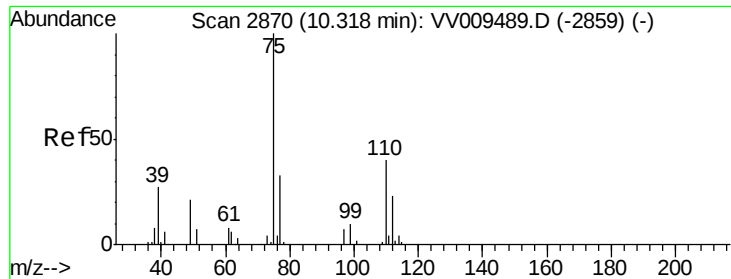


#49

2-Hexanone
Concen: 6.035 ug/L
RT: 8.17 min Scan# 2203
Delta R.T. -0.01 min
Lab File: VV009506.D
Acq: 06 Mar 2019 00:31

Tgt Ion: 43 Resp: 4613
Ion Ratio Lower Upper
43 100
58 2.7 46.3 69.5#
57 1.8 15.8 23.6#
100 0.0 10.0 15.0#





#59
 1,2,3-Trichloropropane
 Concen: 4.315 ug/L
 RT: 11.30 min Scan# 3174
 Delta R.T. 0.98 min
 Lab File: VV009506.D
 Acq: 06 Mar 2019 00:31

Instrument :
 MSVOA_V
 ClientSampleId :
 BF621

Tgt Ion: 75 Resp: 4679
 Ion Ratio Lower Upper
 75 100
 77 43.7 25.9 38.9#

