

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV010819\
 Data File : VV009202.D
 Acq On : 08 Jan 2019 19:14
 Operator : SY/MD
 Sample : K1051-02
 Misc : 7.09 G/10ML/MSVOA_V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BE9X0

Quant Time: Jan 09 00:43:50 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM010819S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jan 09 00:40:20 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	220514	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	211338	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	94553	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	29588	14.65	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	58.60%
7) Chloroethane-d5	1.58	69	30743	17.55	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	70.20%
10) 1,1-Dichloroethene-d2	2.13	63	75200	13.63	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	54.52%
20) 2-Butanone-d5	3.96	46	41883	47.87	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	95.74%
24) Chloroform-d	4.40	84	115176	22.45	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	89.80%
26) 1,2-Dichloroethane-d4	5.08	65	67709	24.26	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	97.04%
29) Benzene-d6	5.10	84	223905	21.13	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	84.52%
33) 1,2-Dichloropropane-d6	6.12	67	70159	23.13	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	92.52%
37) Toluene-d8	7.36	98	195993	19.55	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	78.20%
38) trans-1,3-Dichloropropene-	7.67	79	28652	19.22	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	76.88%
39) 2-Hexanone-d5	8.14	63	26888	48.52	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	97.04%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	72474	24.55	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	98.20%
61) 1,2-Dichlorobenzene-d4	11.67	152	81752	23.00	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	92.00%

Target Compounds

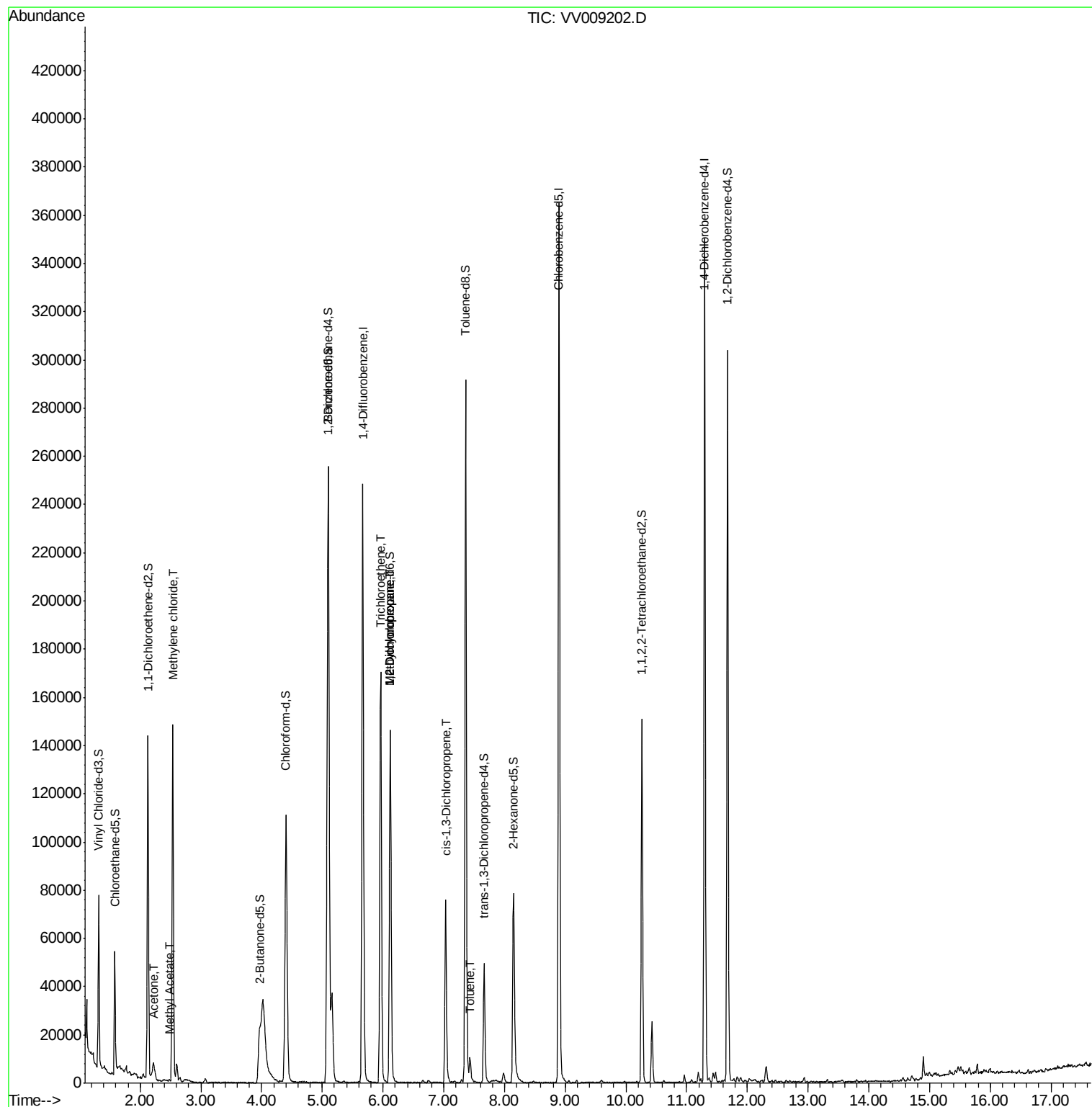
					Qvalue
13) Acetone	2.22	43	13335	10.213 ug/L	88
15) Methyl Acetate	2.48	43	1511	0.956 ug/L #	86
16) Methylene chloride	2.54	84	62766	19.691 ug/L	89
35) Trichloroethene	5.96	95	58572	18.442 ug/L	99
36) Methylcyclohexane	6.12	83	18348	3.422 ug/L #	20
40) 1,2-Dichloropropane	6.12	63	7601	2.805 ug/L #	85
42) cis-1,3-Dichloropropene	7.03	75	1823	0.428 ug/L #	69
44) Toluene	7.43	91	7275	0.609 ug/L	98

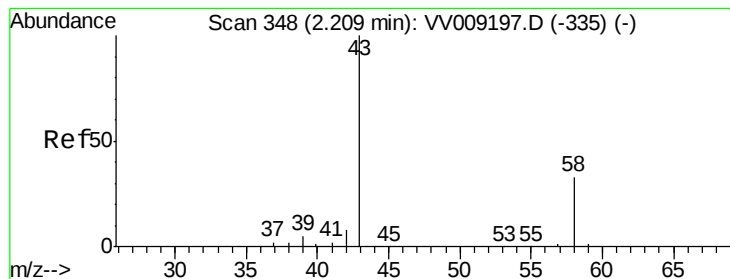
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 10.213 ug/L

RT: 2.22 min Scan# 351

Delta R.T. 0.01 min

Lab File: VV009202.D

Acq: 08 Jan 2019 19:14

Instrument :

MSVOA_V

ClientSampled :

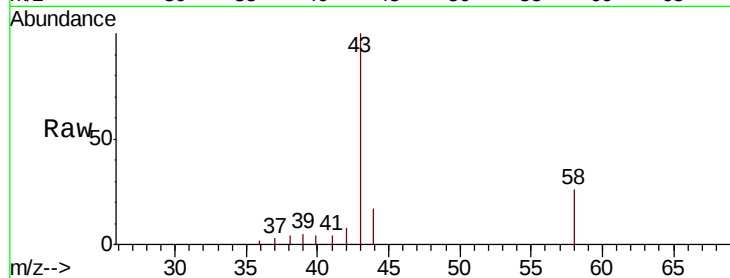
BE9X0

Tgt Ion: 43 Resp: 13335

Ion Ratio Lower Upper

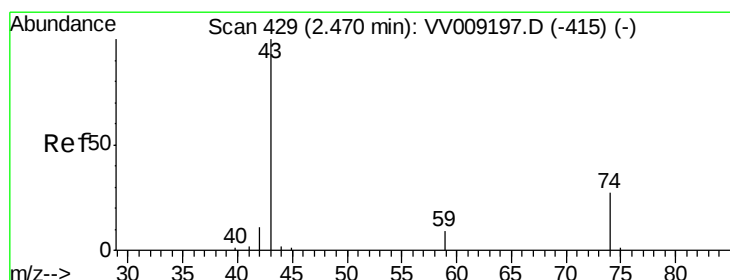
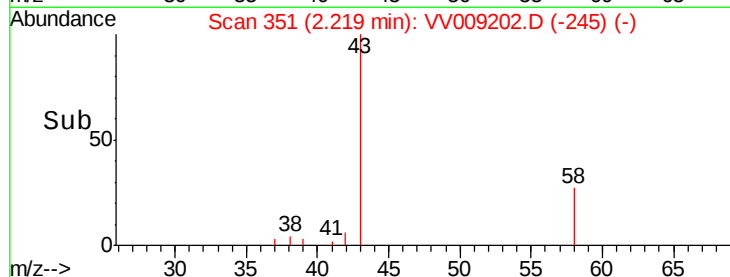
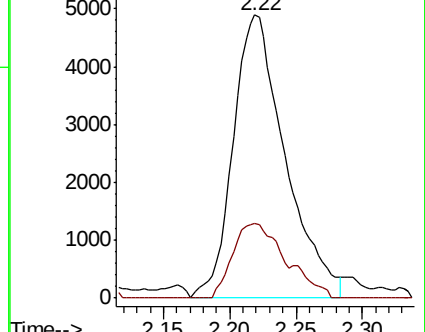
43 100

58 22.7 0.0 57.8



Abundance Ion 43.00 (42.70 to 43.70): VV009202.D (-351) (-)

Ion 58.00 (57.70 to 58.70): VV009202.D (-351) (-)



#15

Methyl Acetate

Concen: 0.956 ug/L

RT: 2.48 min Scan# 432

Delta R.T. 0.01 min

Lab File: VV009202.D

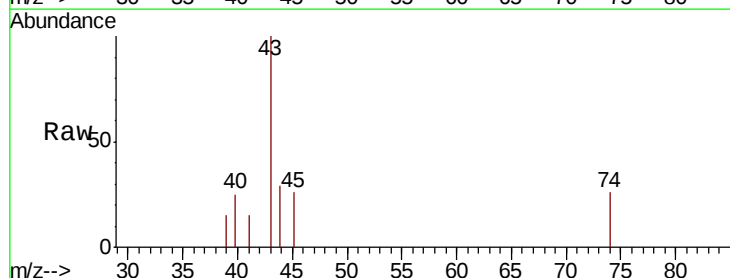
Acq: 08 Jan 2019 19:14

Tgt Ion: 43 Resp: 1511

Ion Ratio Lower Upper

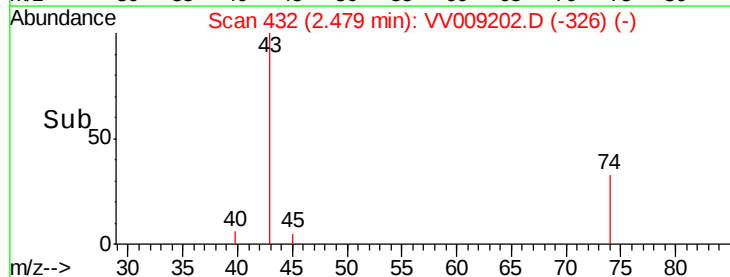
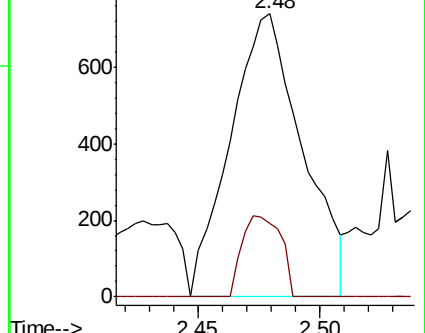
43 100

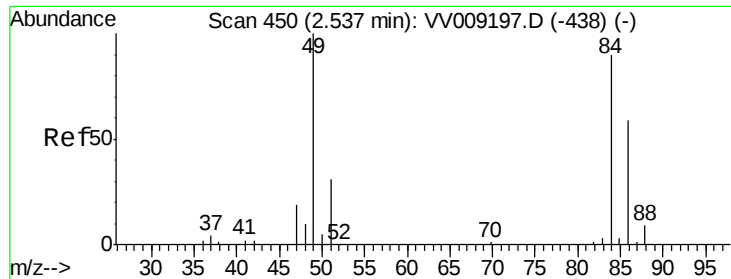
74 15.4 17.8 26.8#



Abundance Ion 43.00 (42.70 to 43.70): VV009202.D (-432) (-)

Ion 74.00 (73.70 to 74.70): VV009202.D (-432) (-)

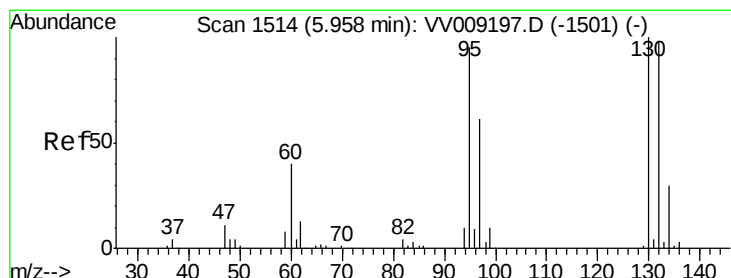
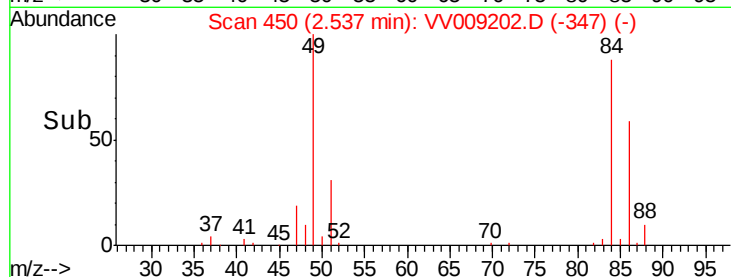
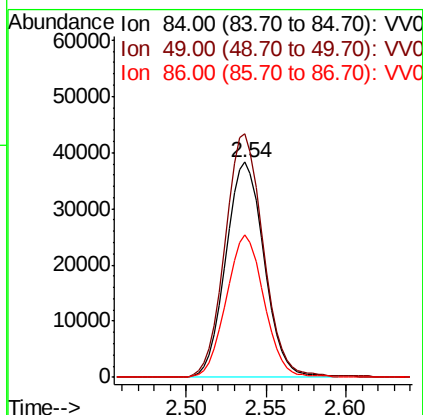
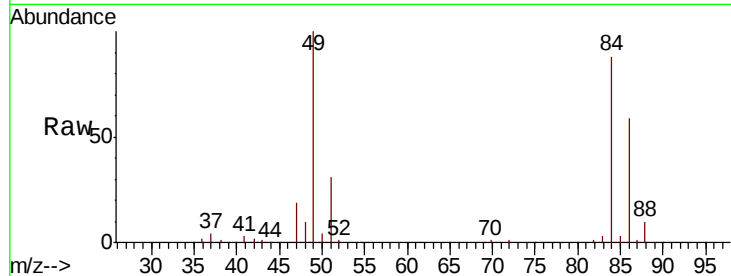




#16
Methylene chloride
Concen: 19.691 ug/L
RT: 2.54 min Scan# 450
Delta R.T. 0.00 min
Lab File: VV009202.D
Acq: 08 Jan 2019 19:14

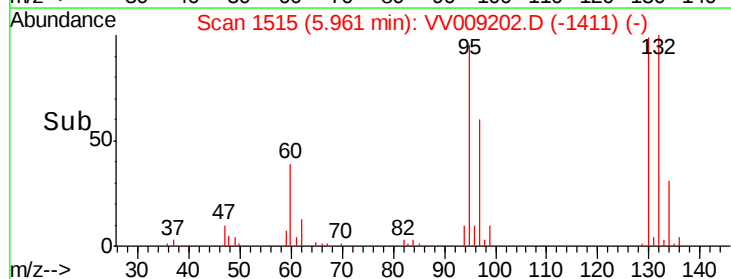
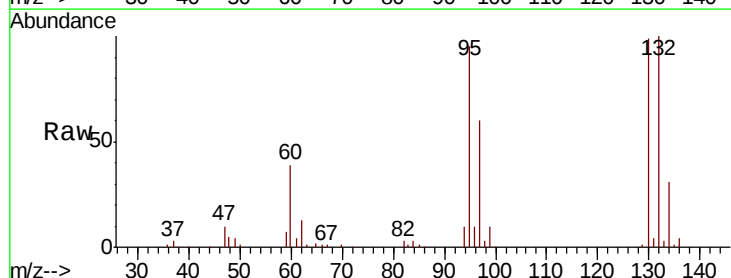
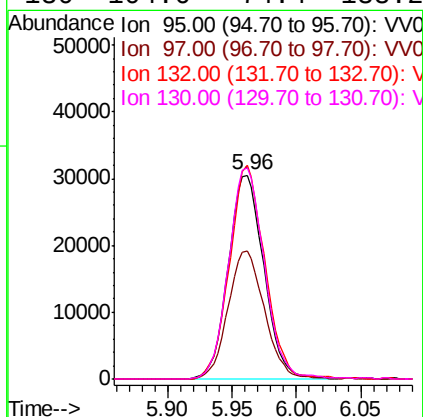
Instrument :
MSVOA_V
ClientSampleId :
BE9X0

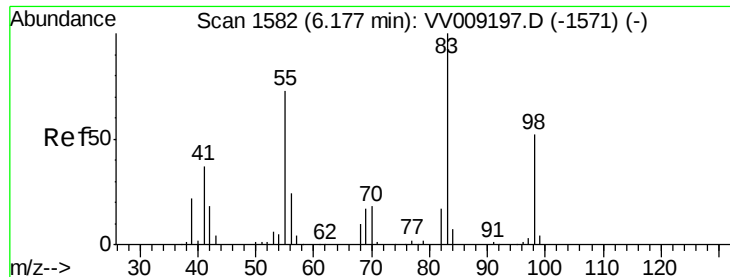
Tgt Ion: 84 Resp: 62766
Ion Ratio Lower Upper
84 100
49 113.1 92.0 170.9
86 66.2 44.9 83.3



#35
Trichloroethene
Concen: 18.442 ug/L
RT: 5.96 min Scan# 1515
Delta R.T. 0.00 min
Lab File: VV009202.D
Acq: 08 Jan 2019 19:14

Tgt Ion: 95 Resp: 58572
Ion Ratio Lower Upper
95 100
97 64.0 44.7 82.9
132 103.4 71.2 132.2
130 104.6 74.4 138.2

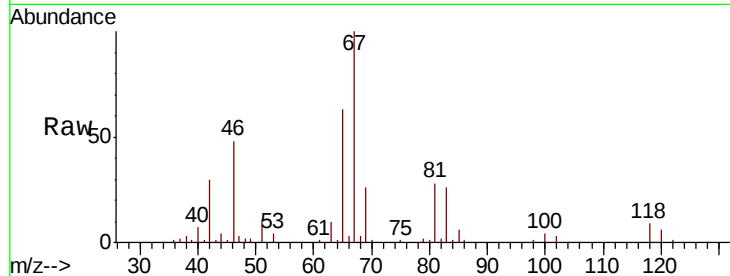




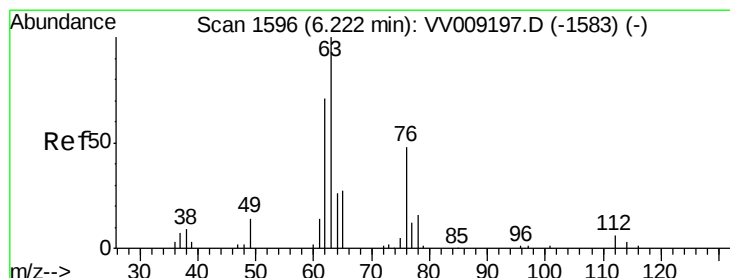
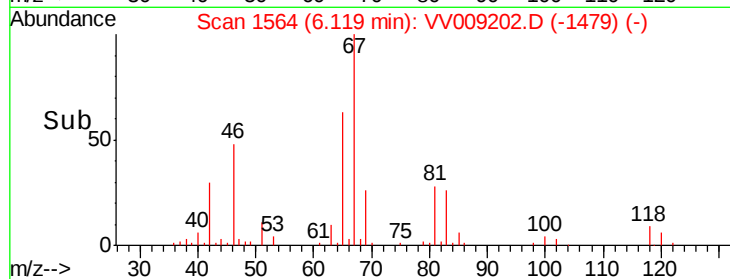
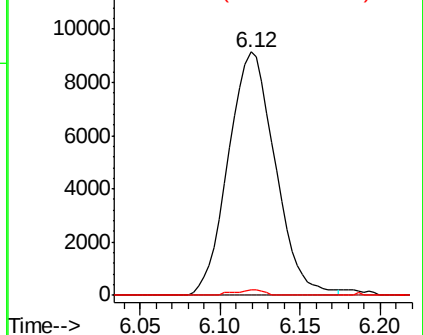
#36
Methylcyclohexane
Concen: 3.422 ug/L
RT: 6.12 min Scan# 1564
Delta R.T. -0.06 min
Lab File: VV009202.D
Acq: 08 Jan 2019 19:14

Instrument :
MSVOA_V
ClientSampleId :
BE9X0

Tgt Ion: 83 Resp: 18348
Ion Ratio Lower Upper
83 100
55 0.0 57.6 86.4#
98 1.0 41.0 61.6#

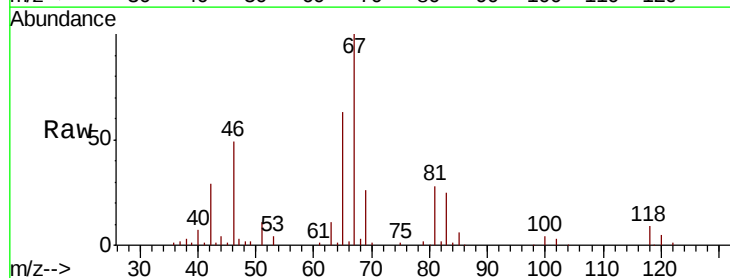


Abundance Ion 83.00 (82.70 to 83.70): VV0
Ion 55.00 (54.70 to 55.70): VV0
Ion 98.00 (97.70 to 98.70): VV0

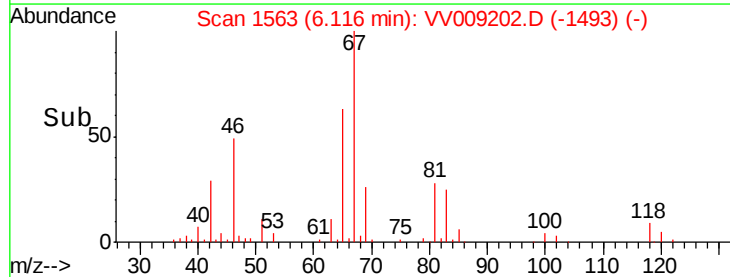
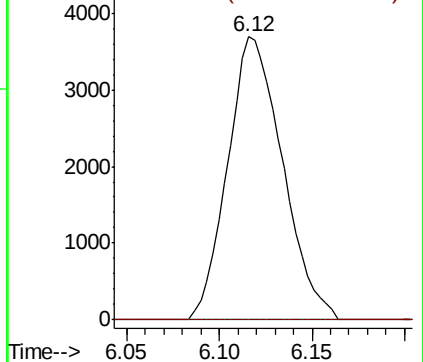


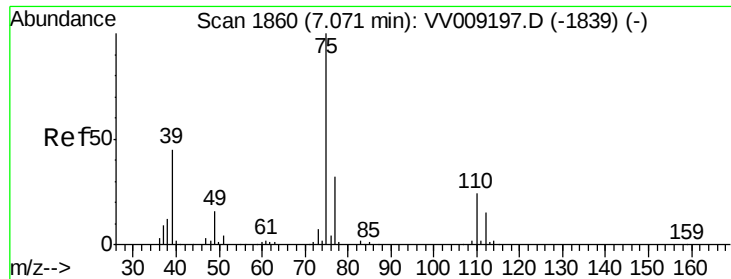
#40
1,2-Dichloropropane
Concen: 2.805 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.11 min
Lab File: VV009202.D
Acq: 08 Jan 2019 19:14

Tgt Ion: 63 Resp: 7601
Ion Ratio Lower Upper
63 100
112 0.0 4.1 6.1#



Abundance Ion 63.00 (62.70 to 63.70): VV0
Ion 112.00 (111.70 to 112.70): V





#42

cis-1,3-Dichloropropene

Concen: 0.428 ug/L

RT: 7.03 min Scan# 1848

Delta R.T. -0.04 min

Lab File: VV009202.D

Acq: 08 Jan 2019 19:14

Instrument :

MSVOA_V

ClientSampleId :

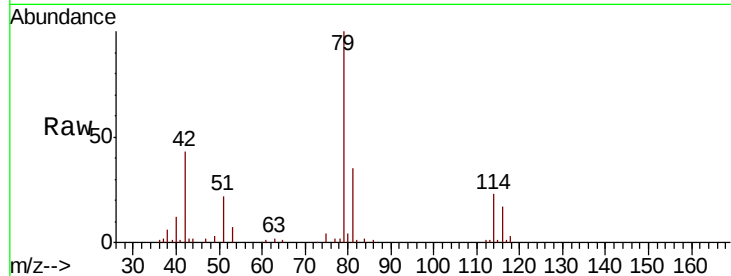
BE9X0

Tgt Ion: 75 Resp: 1823

Ion Ratio Lower Upper

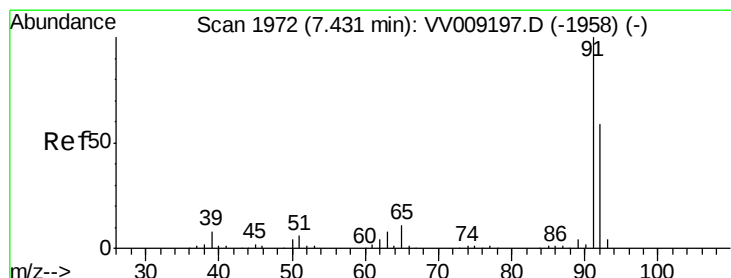
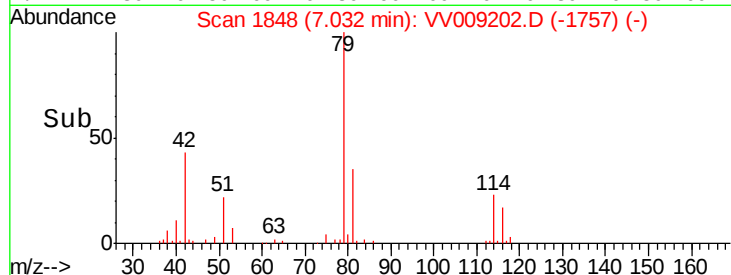
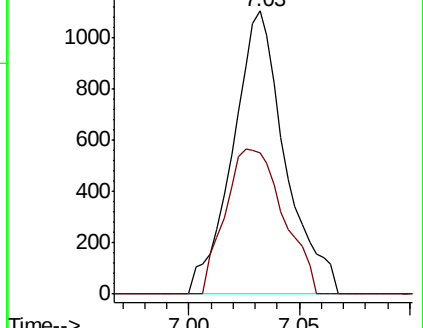
75 100

77 50.1 22.7 42.3#



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0



#44

Toluene

Concen: 0.609 ug/L

RT: 7.43 min Scan# 1973

Delta R.T. 0.00 min

Lab File: VV009202.D

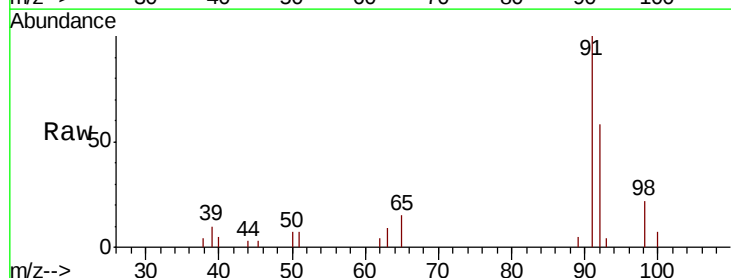
Acq: 08 Jan 2019 19:14

Tgt Ion: 91 Resp: 7275

Ion Ratio Lower Upper

91 100

92 58.3 41.8 77.6



Abundance Ion 91.00 (90.70 to 91.70): VV0

Ion 92.00 (91.70 to 92.70): VV0

