

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV010819\
 Data File : VV009199.D
 Acq On : 08 Jan 2019 17:55
 Operator : SY/MD
 Sample : K1051-05
 Misc : 6.73 G/10ML/MSVOA_V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BE9X3

Quant Time: Jan 09 00:43:31 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	260345	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	242892	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	121151	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	61819	25.93	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	103.72%
7) Chloroethane-d5	1.58	69	45400	21.95	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.80%
10) 1,1-Dichloroethene-d2	2.13	63	124508	19.12	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	76.48%
20) 2-Butanone-d5	3.96	46	52218	50.55	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	101.10%
24) Chloroform-d	4.40	84	149140	24.62	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	98.48%
26) 1,2-Dichloroethane-d4	5.08	65	87313	26.50	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	106.00%
29) Benzene-d6	5.10	84	312688	25.67	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	102.68%
33) 1,2-Dichloropropane-d6	6.12	67	91916	26.36	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	105.44%
37) Toluene-d8	7.36	98	286065	24.82	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	99.28%
38) trans-1,3-Dichloropropene-	7.66	79	43515	25.39	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	101.56%
39) 2-Hexanone-d5	8.14	63	35170	55.22	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	110.44%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	90581	26.70	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	106.80%
61) 1,2-Dichlorobenzene-d4	11.68	152	114399	25.12	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	100.48%

Target Compounds

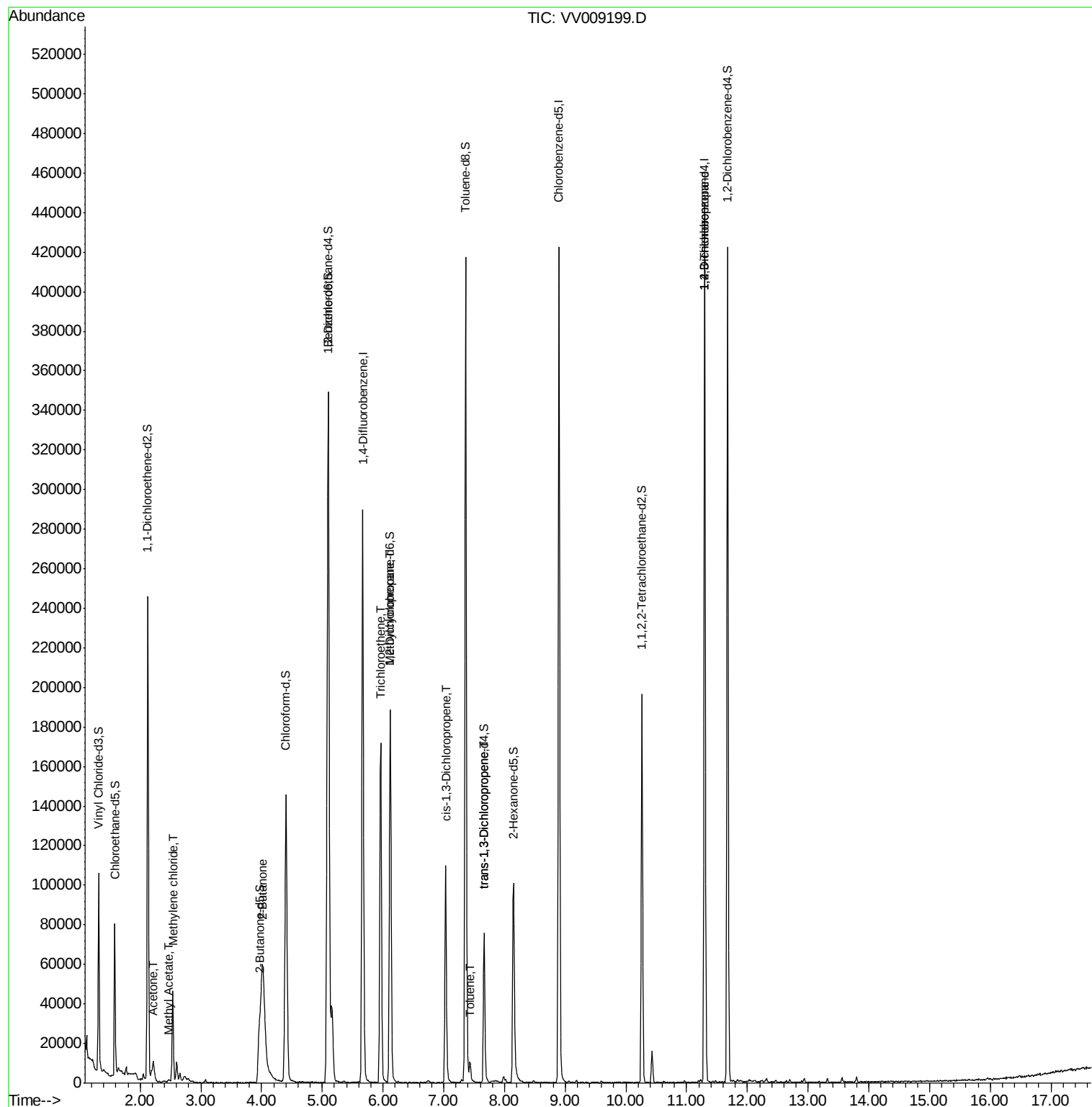
					Qvalue
13) Acetone	2.22	43	16311	10.581 ug/L	94
15) Methyl Acetate	2.48	43	1362	0.730 ug/L #	89
16) Methylene chloride	2.54	84	19408	5.157 ug/L	89
21) 2-Butanone	4.03	43	1870	1.245 ug/L	86
35) Trichloroethene	5.96	95	59800	16.383 ug/L	99
36) Methylcyclohexane	6.12	83	22609	3.668 ug/L #	20
42) cis-1,3-Dichloropropene	7.03	75	2868	0.586 ug/L #	70
44) Toluene	7.43	91	6866	0.500 ug/L	96
45) trans-1,3-Dichloropropene	7.66	75	2010	0.467 ug/L #	74
59) 1,2,3-Trichloropropane	11.30	75	13027	4.874 ug/L	92

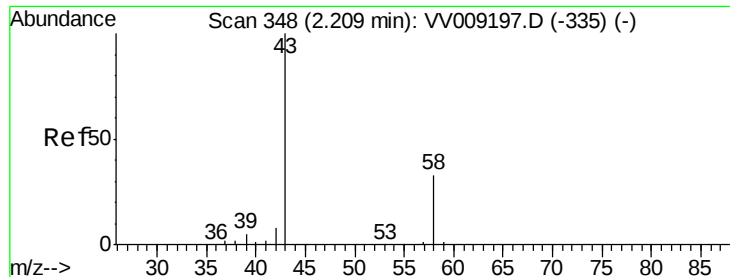
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 10.581 ug/L

RT: 2.22 min Scan# 350

Delta R.T. 0.01 min

Lab File: VV009199.D

Acq: 08 Jan 2019 17:55

Instrument :

MSVOA_V

ClientSampled :

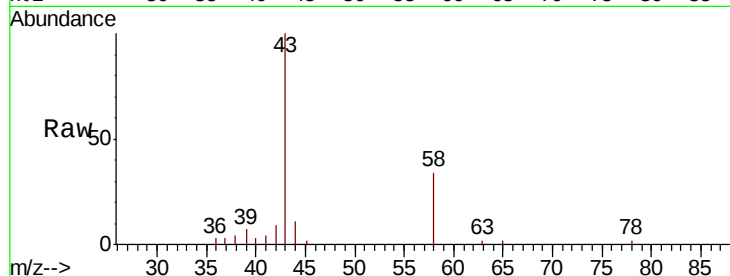
BE9X3

Tgt Ion: 43 Resp: 16311

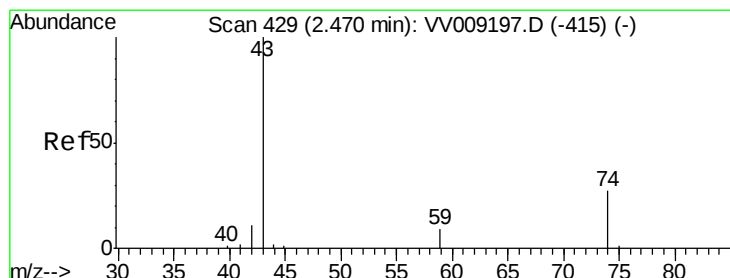
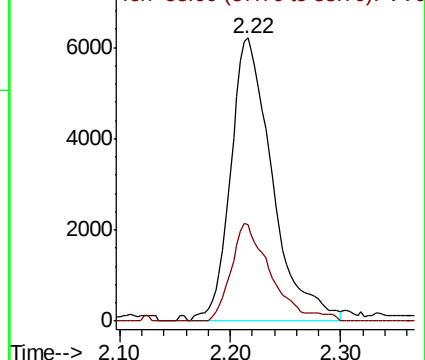
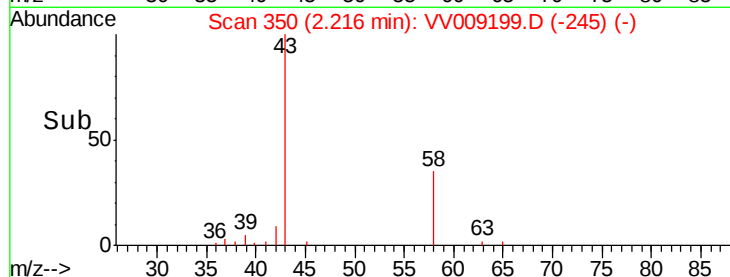
Ion Ratio Lower Upper

43 100

58 31.9 0.0 57.8



Abundance Ion 43.00 (42.70 to 43.70): VV009199.D (-245) (-)



#15

Methyl Acetate

Concen: 0.730 ug/L

RT: 2.48 min Scan# 431

Delta R.T. 0.01 min

Lab File: VV009199.D

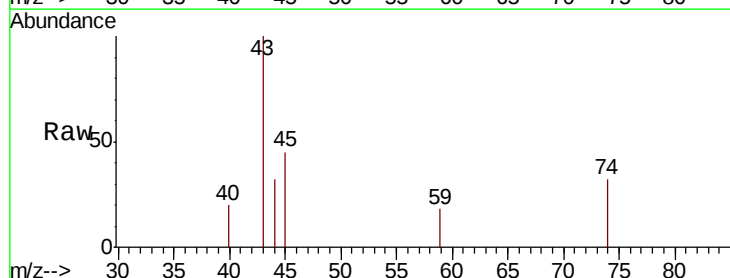
Acq: 08 Jan 2019 17:55

Tgt Ion: 43 Resp: 1362

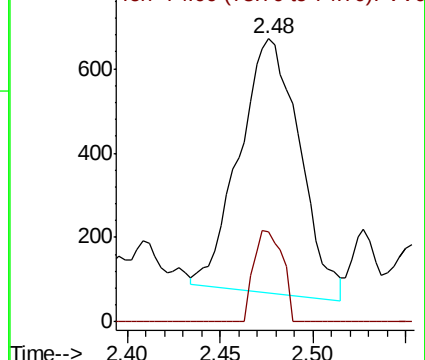
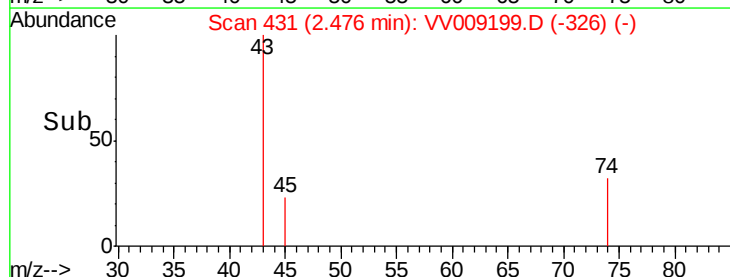
Ion Ratio Lower Upper

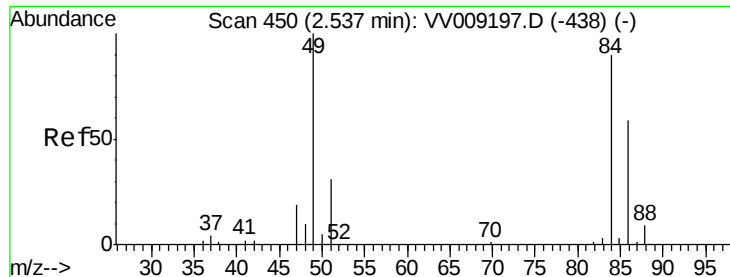
43 100

74 17.0 17.8 26.8#



Abundance Ion 43.00 (42.70 to 43.70): VV009199.D (-326) (-)

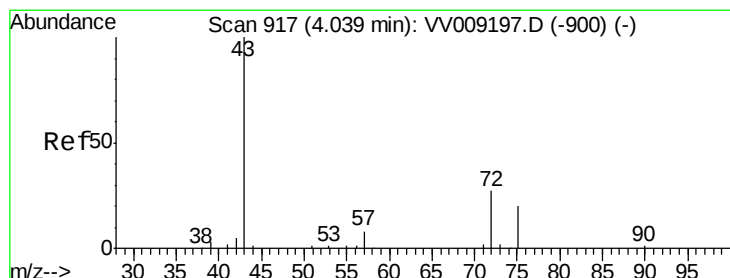
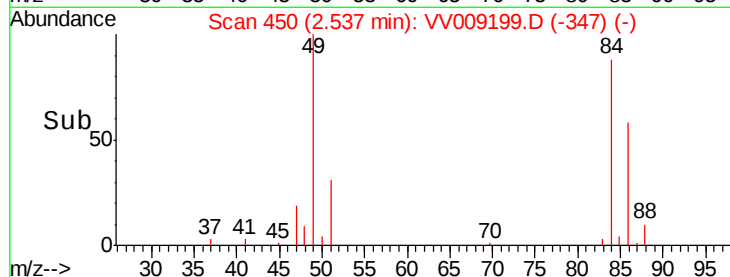
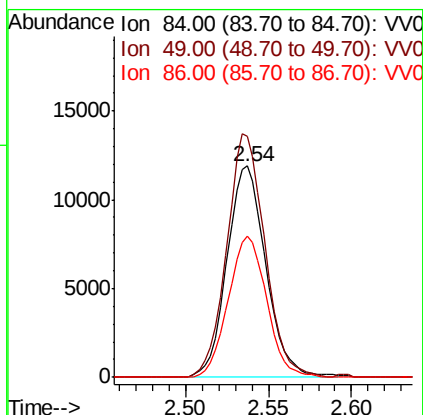
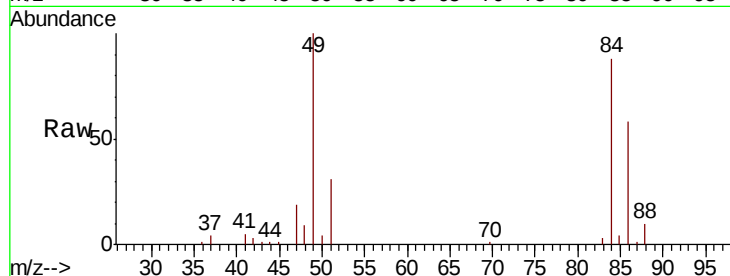




#16
Methylene chloride
Concen: 5.157 ug/L
RT: 2.54 min Scan# 450
Delta R.T. 0.00 min
Lab File: VV009199.D
Acq: 08 Jan 2019 17:55

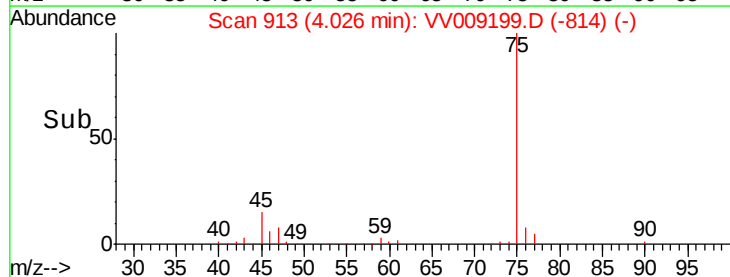
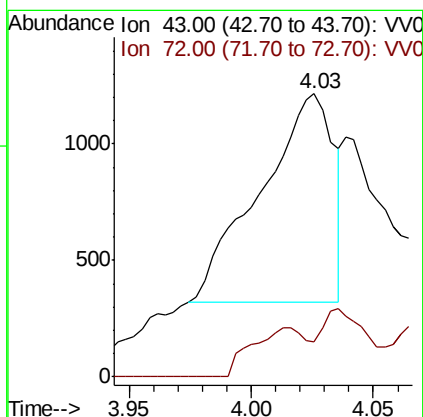
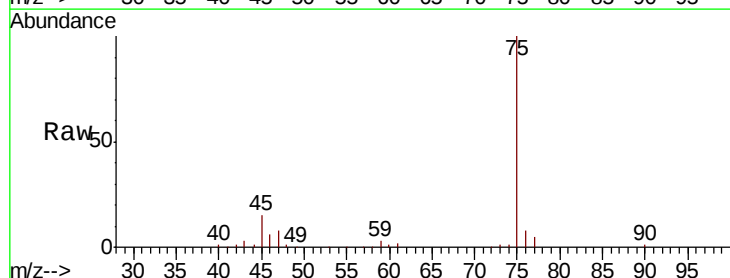
Instrument :
MSVOA_V
ClientSampleId :
BE9X3

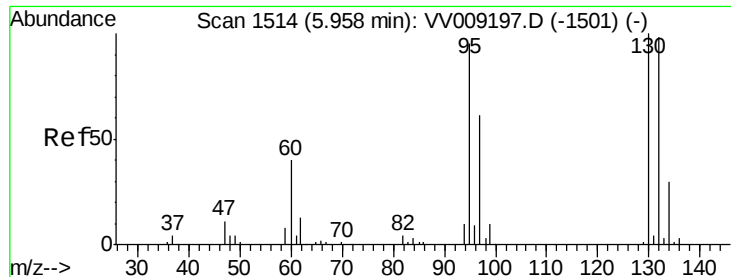
Tgt Ion: 84 Resp: 19408
Ion Ratio Lower Upper
84 100
49 114.2 92.0 170.9
86 66.6 44.9 83.3



#21
2-Butanone
Concen: 1.245 ug/L
RT: 4.03 min Scan# 913
Delta R.T. -0.01 min
Lab File: VV009199.D
Acq: 08 Jan 2019 17:55

Tgt Ion: 43 Resp: 1870
Ion Ratio Lower Upper
43 100
72 18.7 12.9 38.6

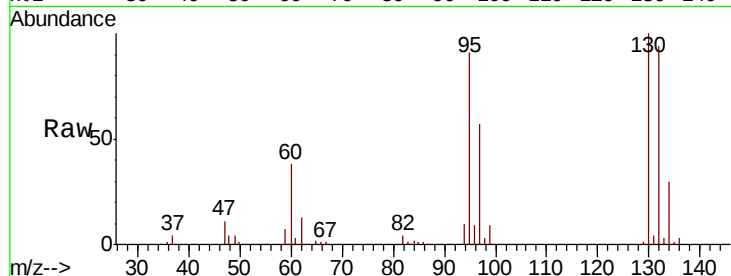




#35
 Trichloroethene
 Concen: 16.383 ug/L
 RT: 5.96 min Scan# 1515
 Delta R.T. 0.00 min
 Lab File: VV009199.D
 Acq: 08 Jan 2019 17:55

Instrument :
 MSVOA_V
 ClientSampleId :
 BE9X3

Tgt Ion:	95	Resp:	59800
Ion	Ratio	Lower	Upper
95	100		
97	62.4	44.7	82.9
132	100.9	71.2	132.2
130	106.8	74.4	138.2



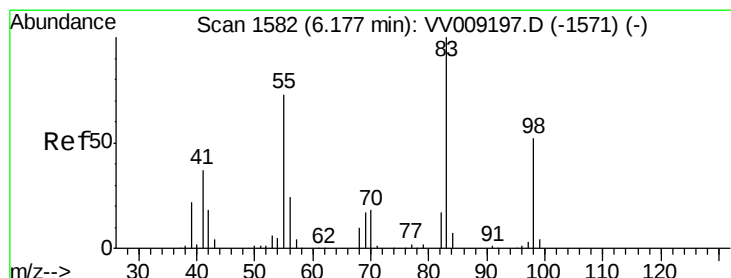
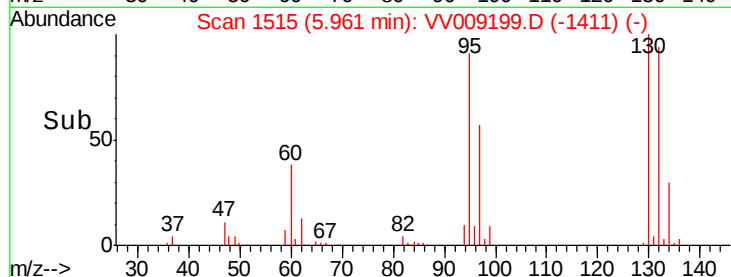
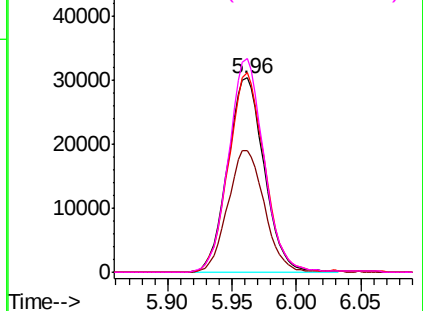
Abundance

Ion 95.00 (94.70 to 95.70): VV009199.D (-1501) (-)

Ion 97.00 (96.70 to 97.70): VV009199.D (-1501) (-)

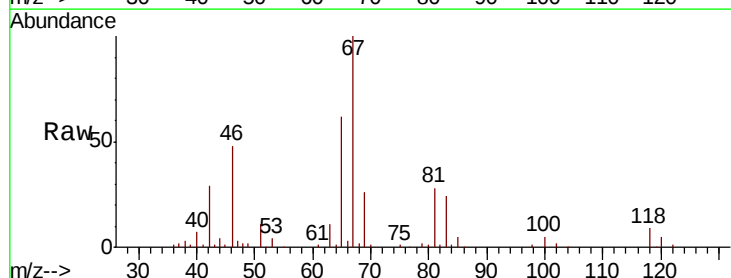
Ion 132.00 (131.70 to 132.70): VV009199.D (-1501) (-)

Ion 130.00 (129.70 to 130.70): VV009199.D (-1501) (-)



#36
 Methylcyclohexane
 Concen: 3.668 ug/L
 RT: 6.12 min Scan# 1564
 Delta R.T. -0.06 min
 Lab File: VV009199.D
 Acq: 08 Jan 2019 17:55

Tgt Ion:	83	Resp:	22609
Ion	Ratio	Lower	Upper
83	100		
55	0.4	57.6	86.4#
98	0.9	41.0	61.6#

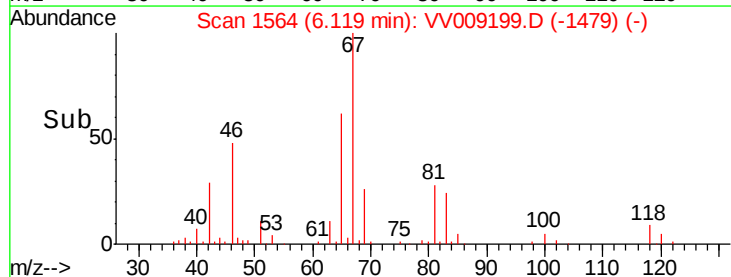
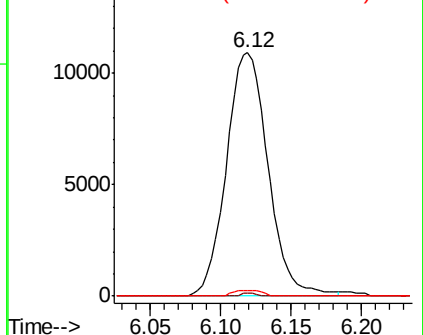


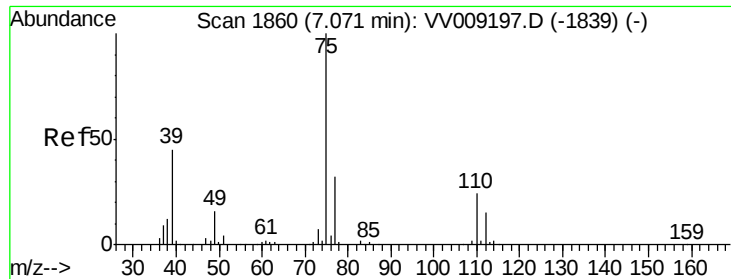
Abundance

Ion 83.00 (82.70 to 83.70): VV009199.D (-1479) (-)

Ion 55.00 (54.70 to 55.70): VV009199.D (-1479) (-)

Ion 98.00 (97.70 to 98.70): VV009199.D (-1479) (-)





#42

cis-1,3-Dichloropropene

Concen: 0.586 ug/L

RT: 7.03 min Scan# 1848

Delta R.T. -0.04 min

Lab File: VV009199.D

Acq: 08 Jan 2019 17:55

Instrument :

MSVOA_V

ClientSampleId :

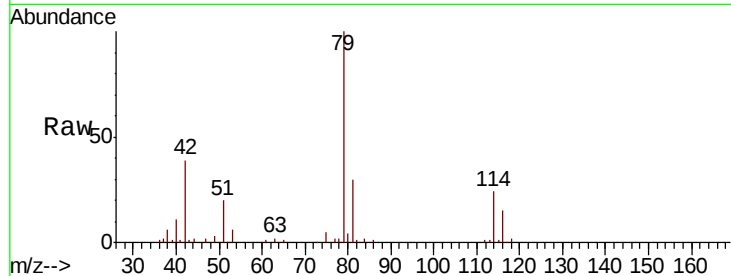
BE9X3

Tgt Ion: 75 Resp: 2868

Ion Ratio Lower Upper

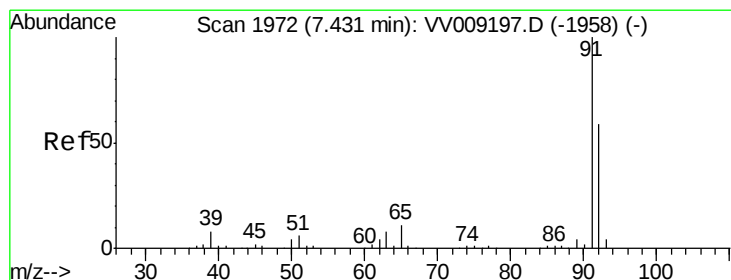
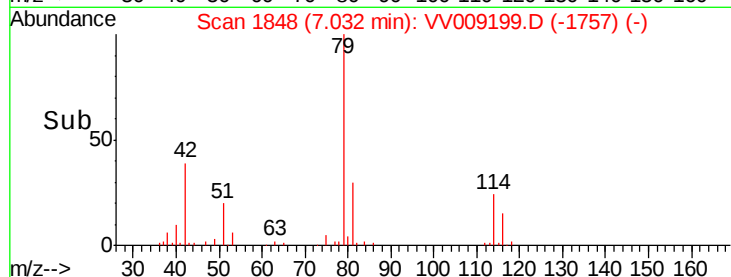
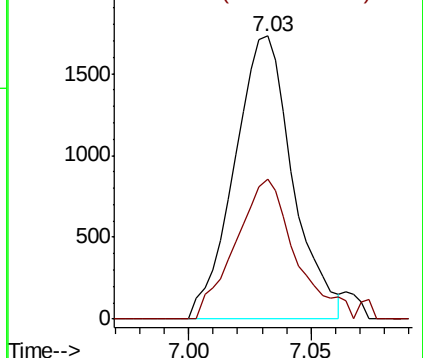
75 100

77 49.5 22.7 42.3#



Abundance Ion 75.00 (74.70 to 75.70): VV009199.D (-1839) (-)

Ion 77.00 (76.70 to 77.70): VV009199.D (-1839) (-)



#44

Toluene

Concen: 0.500 ug/L

RT: 7.43 min Scan# 1973

Delta R.T. 0.00 min

Lab File: VV009199.D

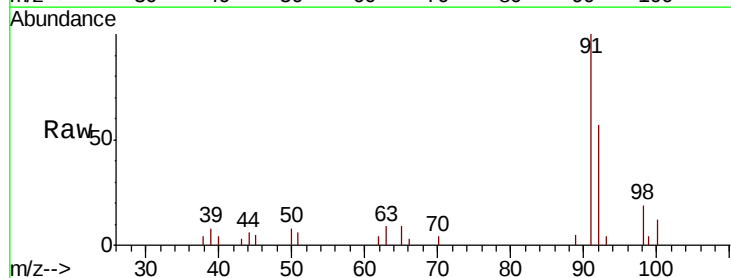
Acq: 08 Jan 2019 17:55

Tgt Ion: 91 Resp: 6866

Ion Ratio Lower Upper

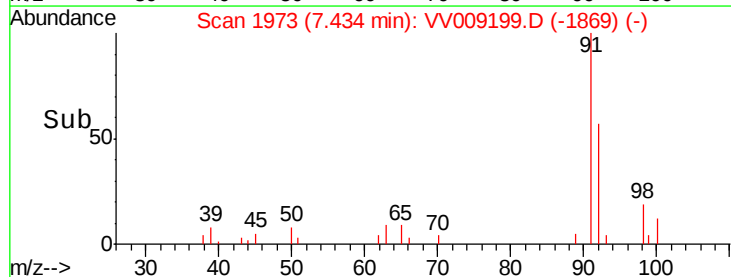
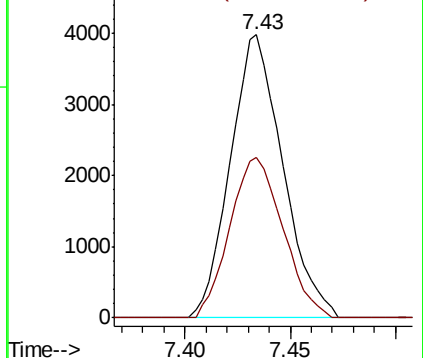
91 100

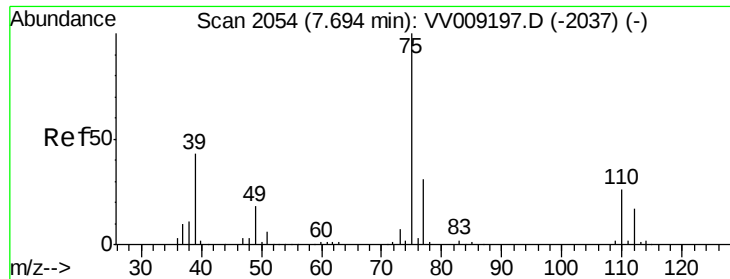
92 56.5 41.8 77.6



Abundance Ion 91.00 (90.70 to 91.70): VV009199.D (-1869) (-)

Ion 92.00 (91.70 to 92.70): VV009199.D (-1869) (-)





#45

trans-1,3-Dichloropropene

Concen: 0.467 ug/L

RT: 7.66 min Scan# 2044

Delta R.T. -0.03 min

Lab File: VV009199.D

Acq: 08 Jan 2019 17:55

Instrument :

MSVOA_V

ClientSampleId :

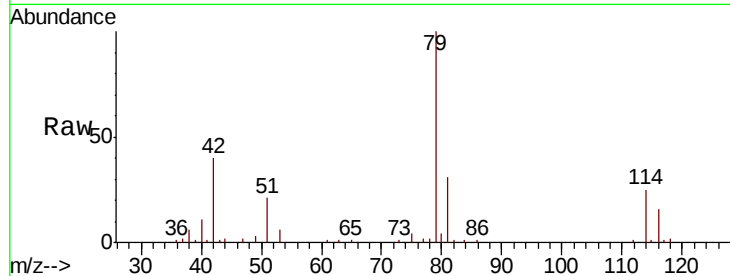
BE9X3

Tgt Ion: 75 Resp: 2010

Ion Ratio Lower Upper

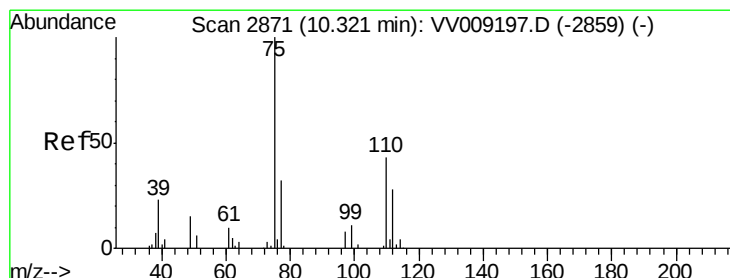
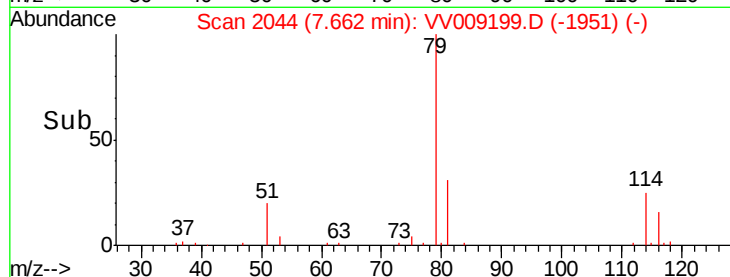
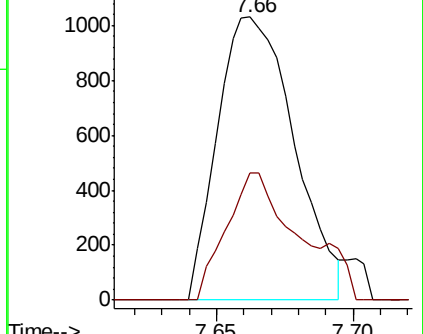
75 100

77 45.1 21.5 39.9#



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0



#59

1,2,3-Trichloropropane

Concen: 4.874 ug/L

RT: 11.30 min Scan# 3174

Delta R.T. 0.97 min

Lab File: VV009199.D

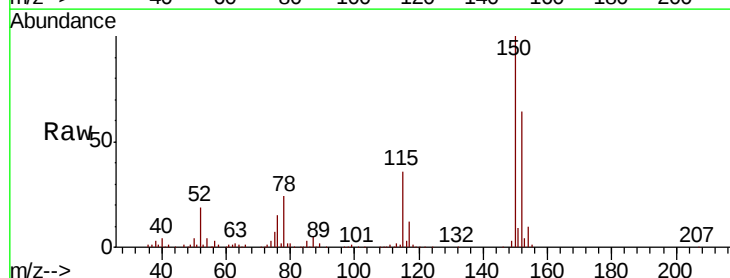
Acq: 08 Jan 2019 17:55

Tgt Ion: 75 Resp: 13027

Ion Ratio Lower Upper

75 100

77 37.3 26.3 39.5



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0

