

Data File : VV008715.D
Acq On : 26 Nov 2018 15:20
Operator : SY/MD
Sample : J6036-04
Misc : 5.0 mL/MSVOA_V/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0927

Quant Time: Nov 27 03:14:19 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM112018WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Nov 27 03:11:05 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	268759	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	246478	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	101917	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	83368	43.97	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	87.94%
7) Chloroethane-d5	1.57	69	65270	63.02	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	126.04%
11) 1,1-Dichloroethene-d2	2.13	63	115849	37.02	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	74.04%
21) 2-Butanone-d5	3.93	46	148322	95.98	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	95.98%
24) Chloroform-d	4.41	84	185656	48.35	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.70%
26) 1,2-Dichloroethane-d4	5.08	65	123827	50.41	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.82%
32) Benzene-d6	5.10	84	386351	50.39	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.78%
36) 1,2-Dichloropropane-d6	6.12	67	122955	51.30	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	102.60%
41) Toluene-d8	7.36	98	347230	50.46	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.92%
43) trans-1,3-Dichloropropene-	7.67	79	52840	49.29	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	98.58%
47) 2-Hexanone-d5	8.13	63	100333	92.59	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	92.59%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	156400	47.84	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.68%
64) 1,2-Dichlorobenzene-d4	11.68	152	121027	54.40	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	108.80%

Target Compounds

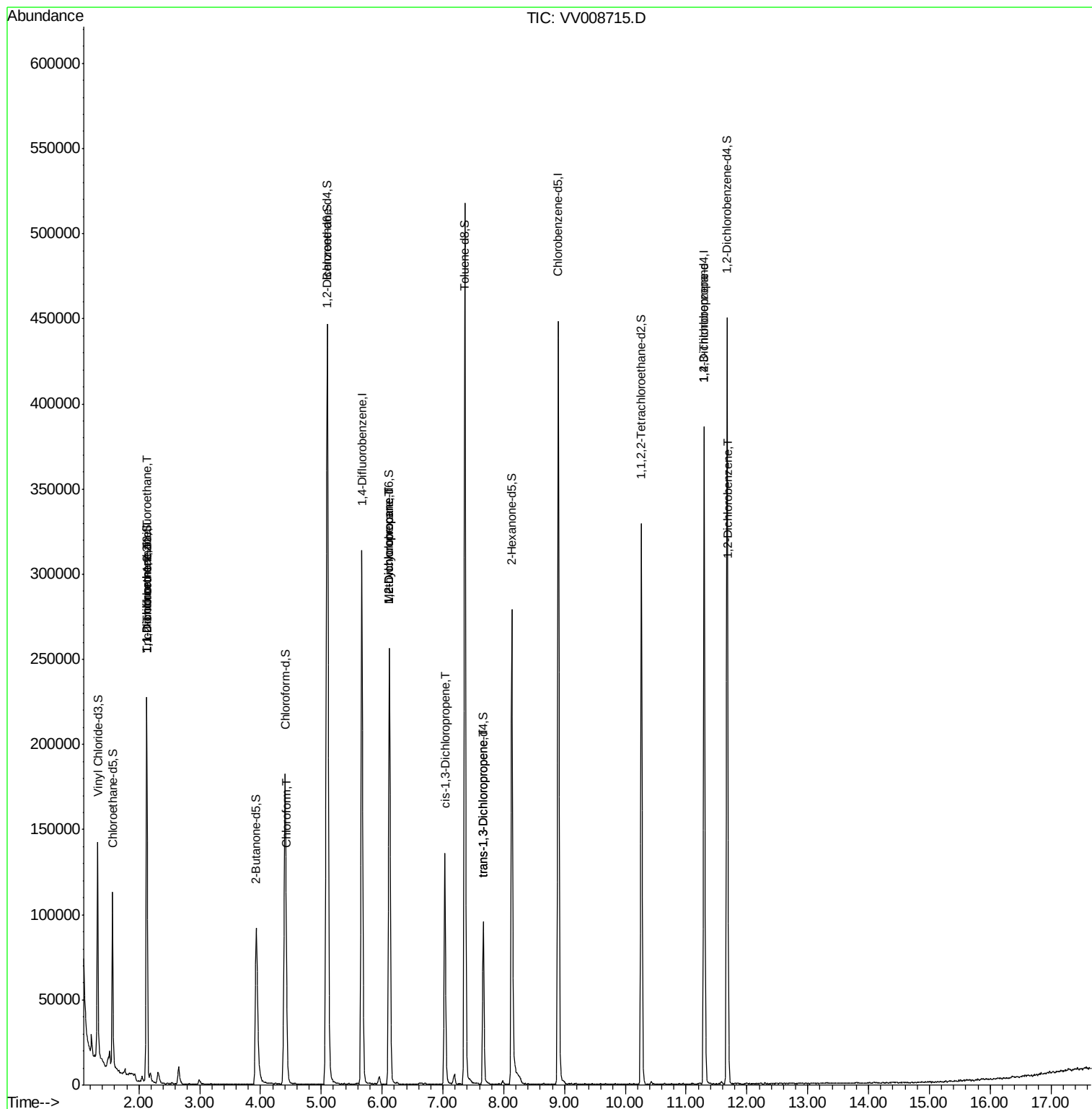
					Qvalue
9) Trichlorofluoromethane	2.13	101	1075	0.408 ug/L #	34
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	1075	0.707 ug/L #	17
12) 1,1-Dichloroethene	2.13	96	925	0.678 ug/L #	1
25) Chloroform	4.43	83	10550	2.792 ug/L	93
35) Methylcyclohexane	6.12	83	29335	8.460 ug/L #	19
37) 1,2-Dichloropropane	6.12	63	13100	6.121 ug/L #	94
39) cis-1,3-Dichloropropene	7.03	75	3218	1.058 ug/L #	69
44) trans-1,3-Dichloropropene	7.67	75	1943	0.702 ug/L	86
59) 1,2,3-Trichloropropane	11.30	75	11849	4.371 ug/L	98
65) 1,2-Dichlorobenzene	11.69	146	2004	0.569 ug/L #	65

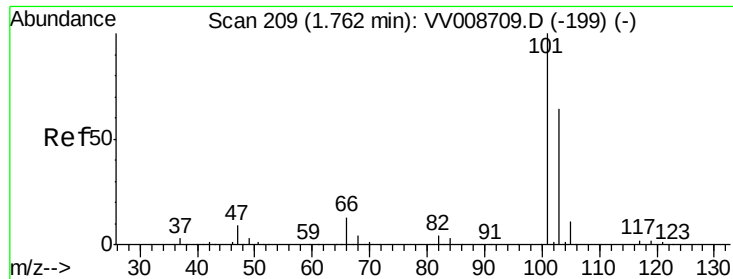
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#9

Trichlorofluoromethane

Concen: 0.408 ug/L

RT: 2.13 min Scan# 323

Delta R.T. 0.37 min

Lab File: VV008715.D

Acq: 26 Nov 2018 15:20

Instrument :

MSVOA_V

ClientSampleId :

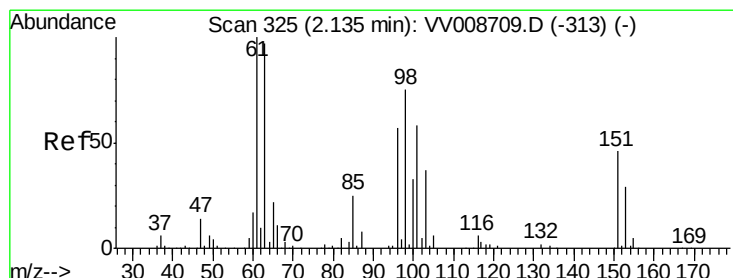
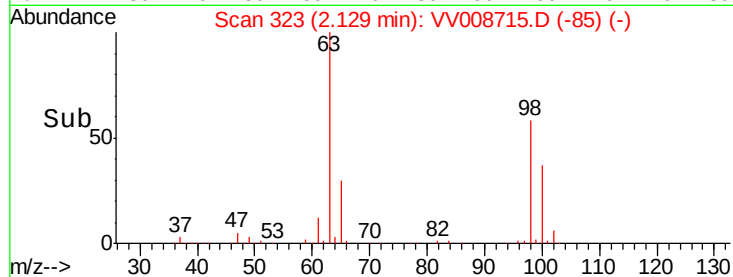
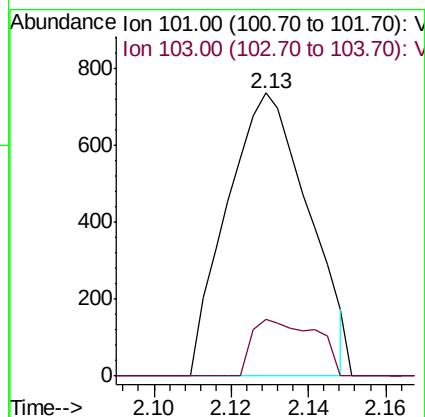
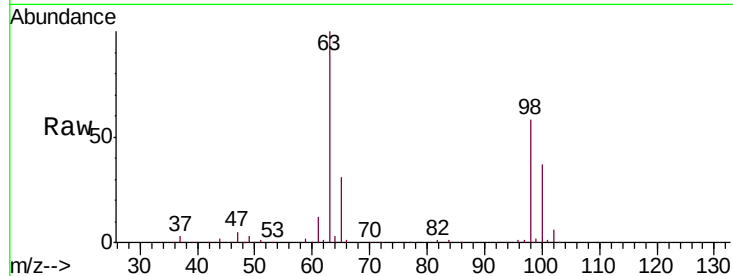
C0927

Tgt Ion:101 Resp: 1075

Ion Ratio Lower Upper

101 100

103 11.6 50.2 75.4#



#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.707 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.01 min

Lab File: VV008715.D

Acq: 26 Nov 2018 15:20

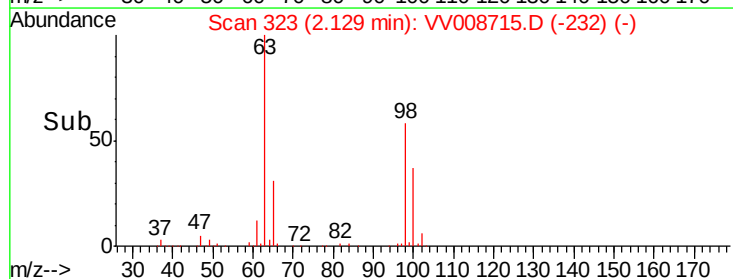
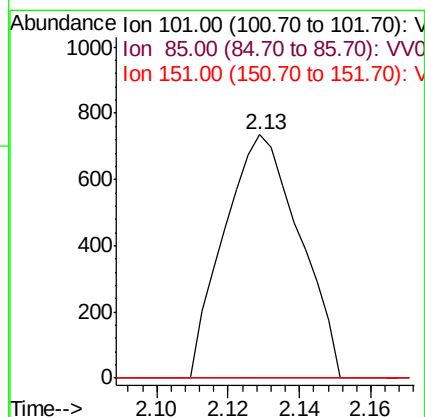
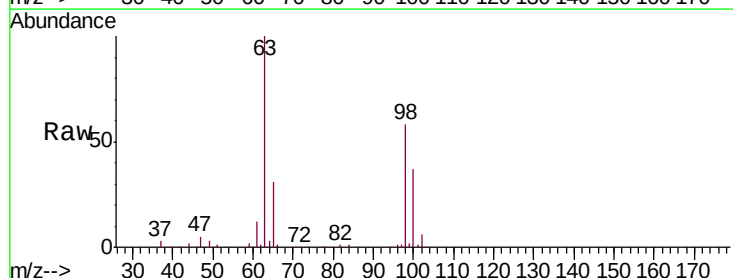
Tgt Ion:101 Resp: 1075

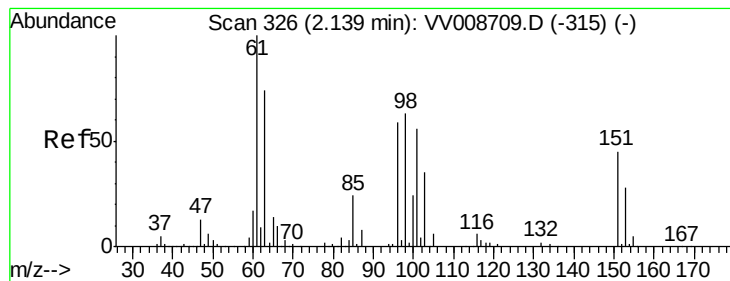
Ion Ratio Lower Upper

101 100

85 0.0 37.0 55.6#

151 0.0 63.8 95.8#

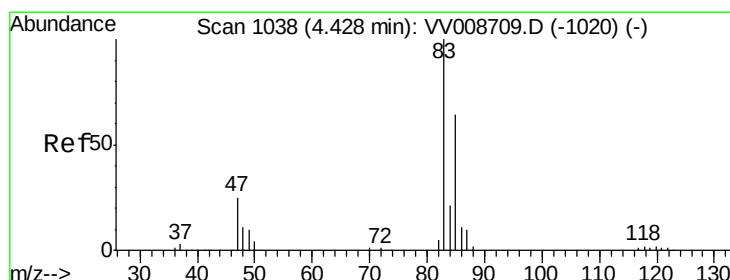
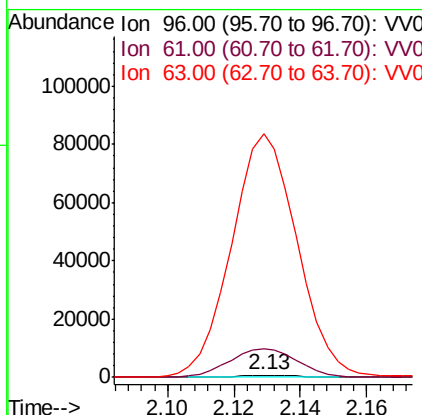
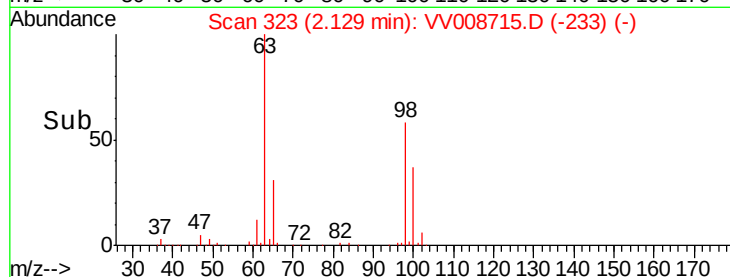
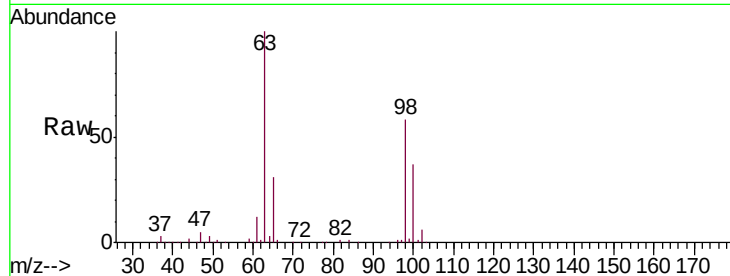




#12
 1,1-Dichloroethene
 Concen: 0.678 ug/L
 RT: 2.13 min Scan# 323
 Delta R.T. -0.01 min
 Lab File: VV008715.D
 Acq: 26 Nov 2018 15:20

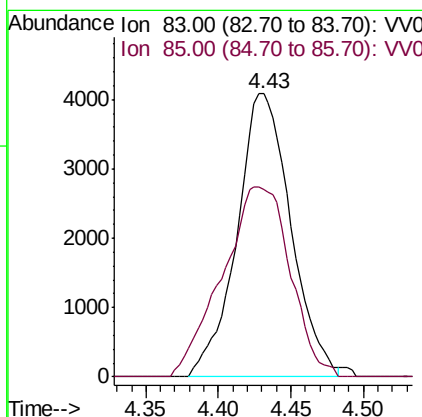
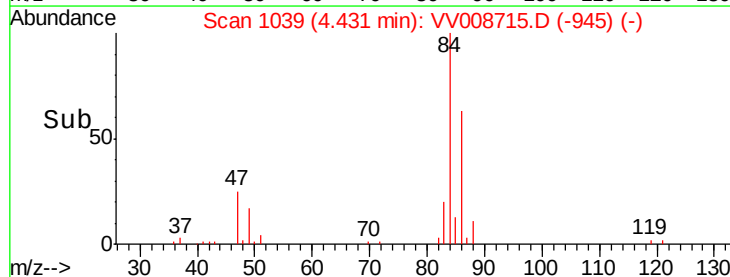
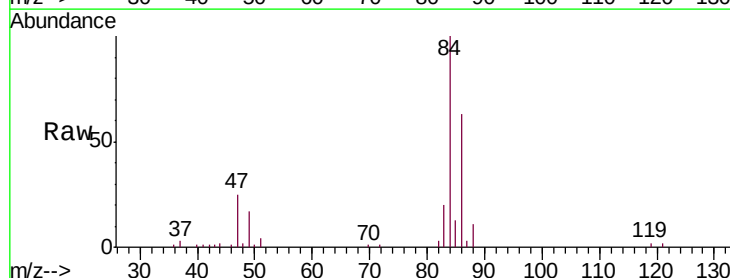
Instrument :
 MSVOA_V
 ClientSampled :
 C0927

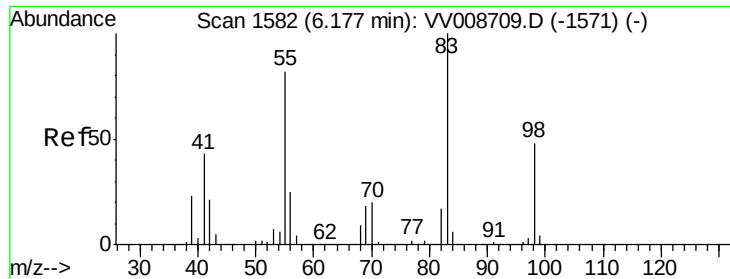
Tgt Ion: 96 Resp: 925
 Ion Ratio Lower Upper
 96 100
 61 1446.5 120.3 223.3#
 63 12065.8 113.3 210.5#



#25
 Chloroform
 Concen: 2.792 ug/L
 RT: 4.43 min Scan# 1039
 Delta R.T. 0.00 min
 Lab File: VV008715.D
 Acq: 26 Nov 2018 15:20

Tgt Ion: 83 Resp: 10550
 Ion Ratio Lower Upper
 83 100
 85 66.3 42.8 79.4

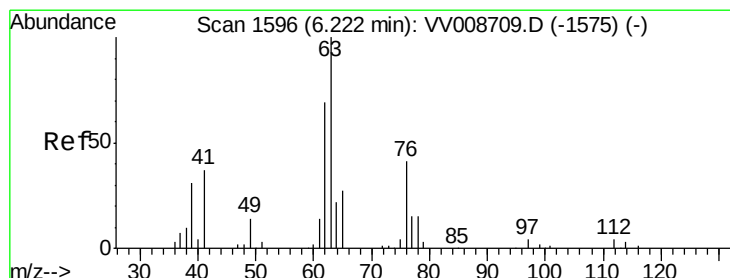
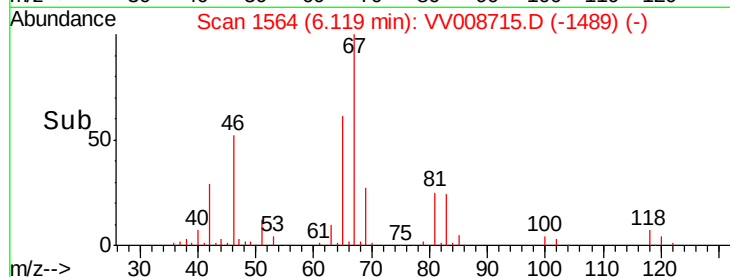
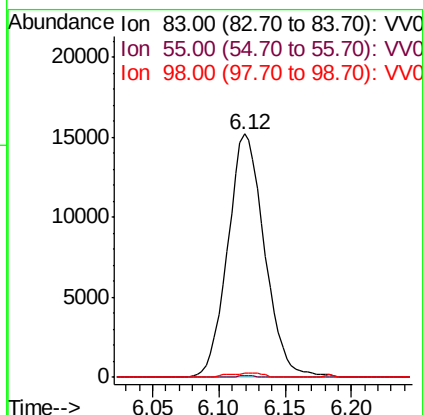
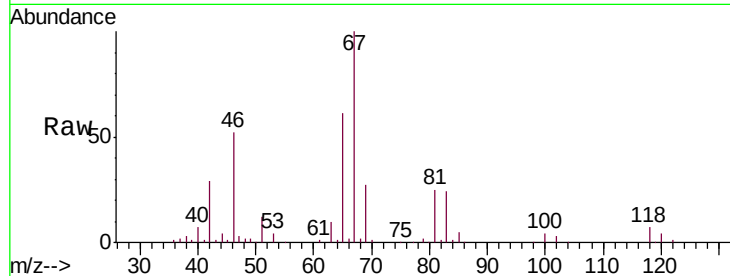




#35
Methylcyclohexane
Concen: 8.460 ug/L
RT: 6.12 min Scan# 1564
Delta R.T. -0.06 min
Lab File: VV008715.D
Acq: 26 Nov 2018 15:20

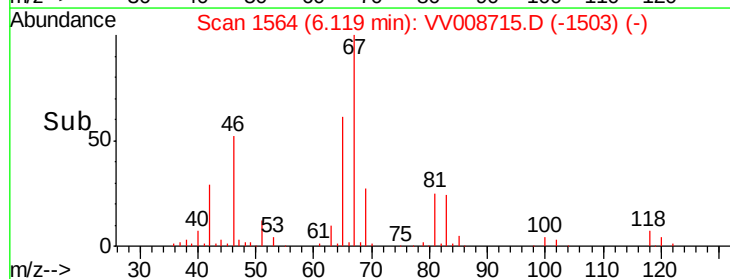
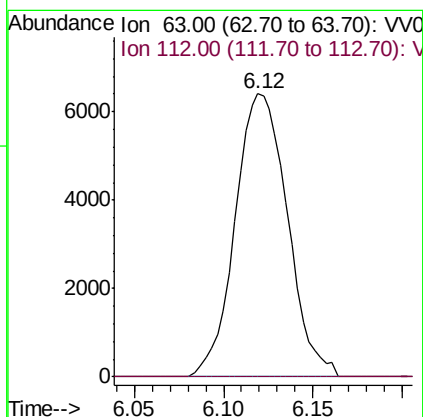
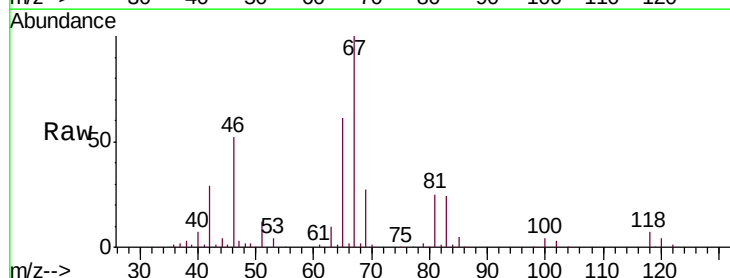
Instrument :
MSVOA_V
ClientSampleId :
C0927

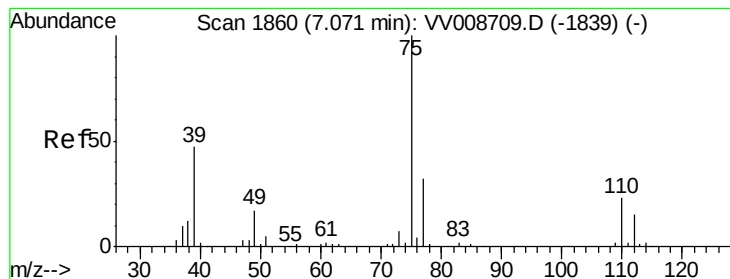
Tgt Ion: 83 Resp: 29335
Ion Ratio Lower Upper
83 100
55 0.3 63.0 94.6#
98 1.7 35.4 53.0#



#37
1,2-Dichloropropane
Concen: 6.121 ug/L
RT: 6.12 min Scan# 1564
Delta R.T. -0.10 min
Lab File: VV008715.D
Acq: 26 Nov 2018 15:20

Tgt Ion: 63 Resp: 13100
Ion Ratio Lower Upper
63 100
112 0.0 1.6 2.4#





#39

cis-1,3-Dichloropropene

Concen: 1.058 ug/L

RT: 7.03 min Scan# 1848

Delta R.T. -0.04 min

Lab File: VV008715.D

Acq: 26 Nov 2018 15:20

Instrument :

MSVOA_V

ClientSampleId :

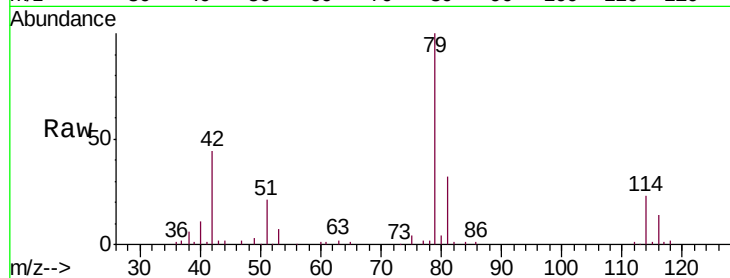
C0927

Tgt Ion: 75 Resp: 3218

Ion Ratio Lower Upper

75 100

77 45.0 20.2 37.4#



Abundance Ion 75.00 (74.70 to 75.70): VV008709.D (-1839) (-)

Ion 77.00 (76.70 to 77.70): VV008709.D (-1839) (-)

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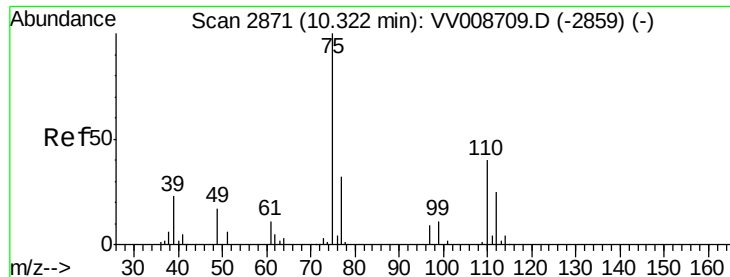
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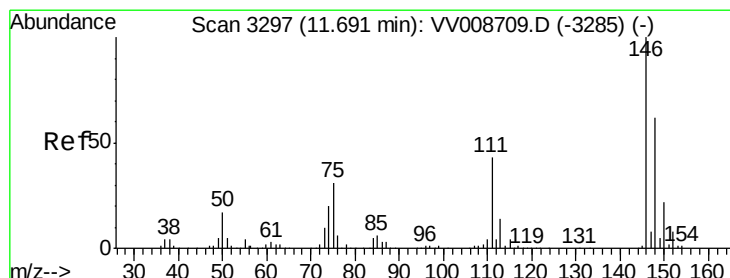
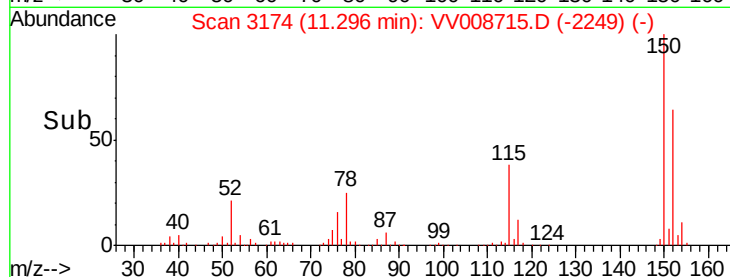
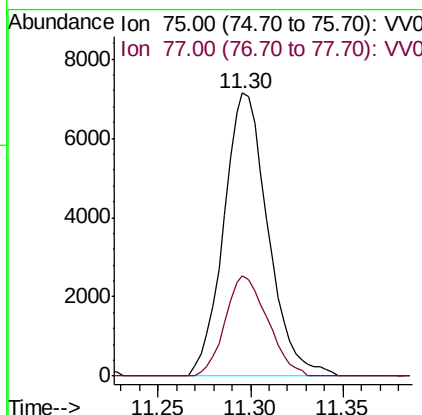
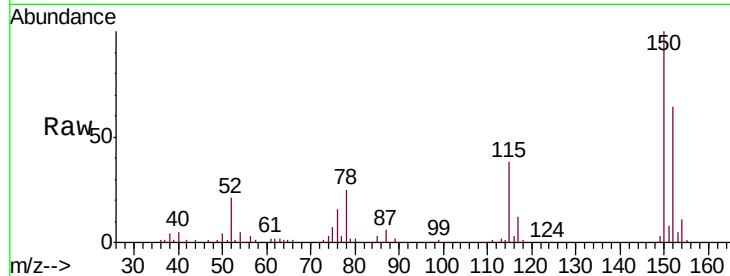
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#59
 1,2,3-Trichloropropane
 Concen: 4.371 ug/L
 RT: 11.30 min Scan# 3174
 Delta R.T. 0.97 min
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 Acq: 26 Nov 2018 15:20

Instrument :
 MSVOA_V
 ClientSampleId :
 C0927

Tgt Ion: 75 Resp: 11849
 Ion Ratio Lower Upper
 75 100
 77 33.9 26.0 39.0



#65
 1,2-Dichlorobenzene
 Concen: 0.569 ug/L
 RT: 11.69 min Scan# 3298
 Delta R.T. 0.00 min
 Lab File: VV008715.D
 Acq: 26 Nov 2018 15:20

Tgt Ion: 146 Resp: 2004
 Ion Ratio Lower Upper
 146 100
 111 72.2 36.5 54.7#
 148 84.7 48.7 73.1#

