

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV080418\
 Data File : VV006891.D
 Acq On : 04 Aug 2018 19:12
 Operator : SY/MD
 Sample : J4227-01DL 10X
 Misc : 25 mL/MSVOA V/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 06 03:25:33 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR080218WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Aug 06 03:23:10 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	258839	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	253372	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	97808	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	98852	5.51	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	110.20%
7) Chloroethane-d5	1.58	69	91455	5.87	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	117.40%
11) 1,1-Dichloroethene-d2	2.13	63	139703	4.20	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	84.00%
20) 2-Butanone-d5	3.98	46	285775	65.73	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	131.46%#
24) Chloroform-d	4.41	84	181608	5.79	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	115.80%
26) 1,2-Dichloroethane-d4	5.09	65	96102	6.07	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	121.40%
32) Benzene-d6	5.10	84	337854	4.94	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.80%
36) 1,2-Dichloropropane-d6	6.12	67	116372	5.15	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.00%
41) Toluene-d8	7.37	98	248538	4.07	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.40%
43) trans-1,3-Dichloropropene-	7.67	79	36078	4.52	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.40%
46) 2-Hexanone-d5	8.15	63	165699	46.59	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.18%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	97880	5.82	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	116.40%
64) 1,2-Dichlorobenzene-d4	11.68	152	90869	5.01	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.20%

Target Compounds

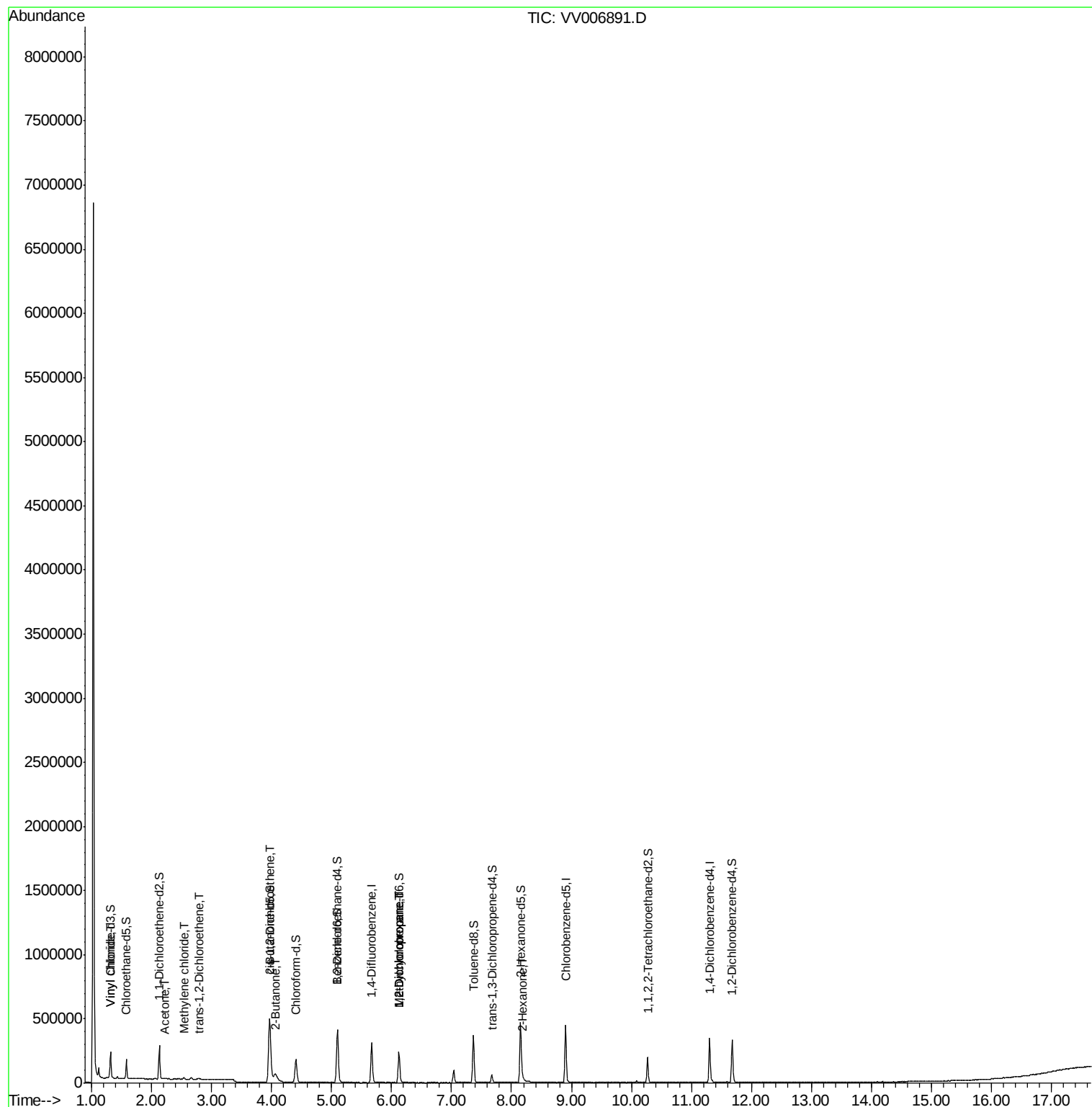
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	1.32	62	34952	1.505	ug/L	94
13) Acetone	2.22	43	3126	1.019	ug/L	74
16) Methylene chloride	2.54	84	5129	0.259	ug/L	93
18) trans-1,2-Dichloroethene	2.79	96	3686	0.205	ug/L	84
21) 2-Butanone	4.05	43	1052	0.225	ug/L	92
22) cis-1,2-Dichloroethene	3.97	96	213965	11.060	ug/L #	97
35) Methylcyclohexane	6.13	83	26949	0.857	ug/L #	19
37) 1,2-Dichloropropane	6.13	63	13014	0.638	ug/L #	90
48) 2-Hexanone	8.20	43	5142	0.671	ug/L #	45

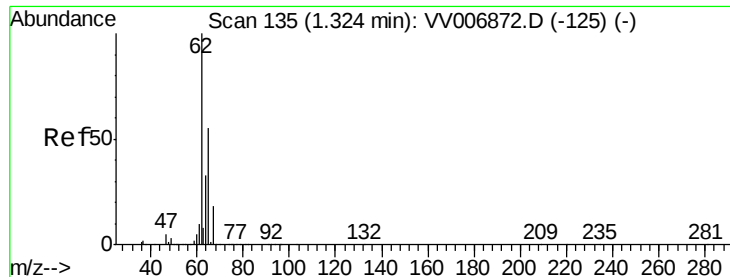
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 1.505 ug/L

RT: 1.32 min Scan# 134

Delta R.T. -0.00 min

Lab File: VV006891.D

Acq: 04 Aug 2018 19:12

Instrument :

MSVOA_V

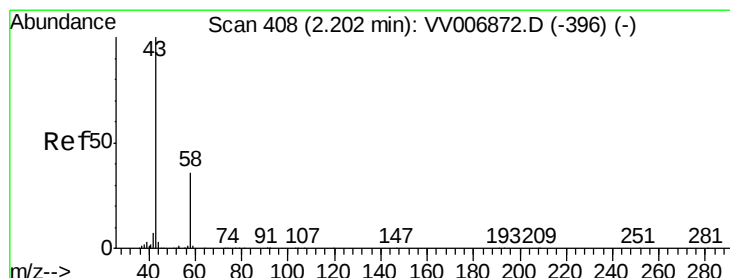
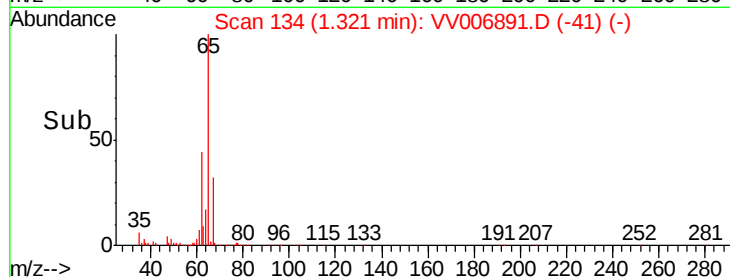
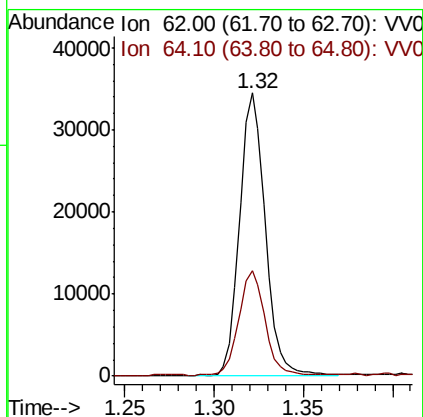
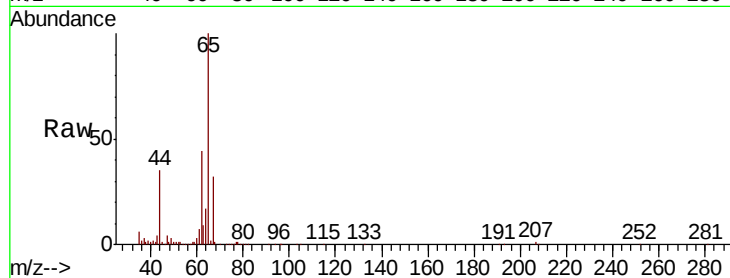
ClientSampleId :

Tot Ion: 62 Resp: 34952

Ion Ratio Lower Upper

62 100

64 37.2 23.7 43.9



#13

Acetone

Concen: 1.019 ug/L

RT: 2.22 min Scan# 414

Delta R.T. 0.02 min

Lab File: VV006891.D

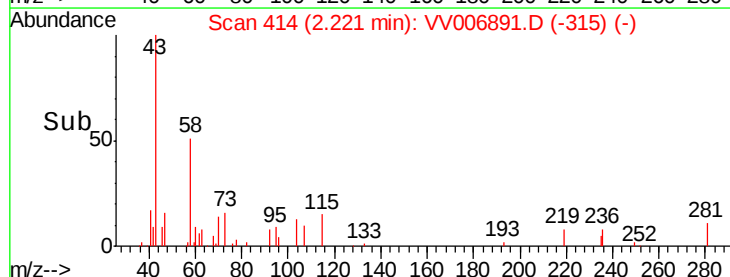
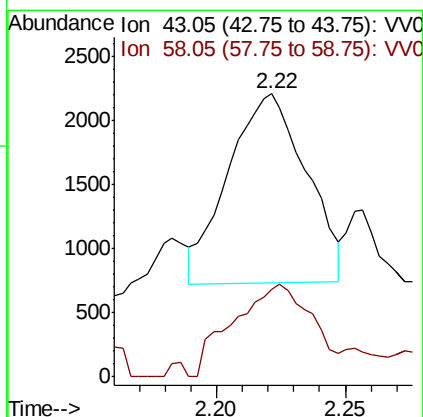
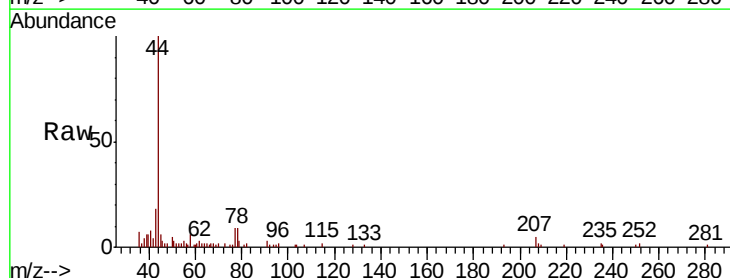
Acq: 04 Aug 2018 19:12

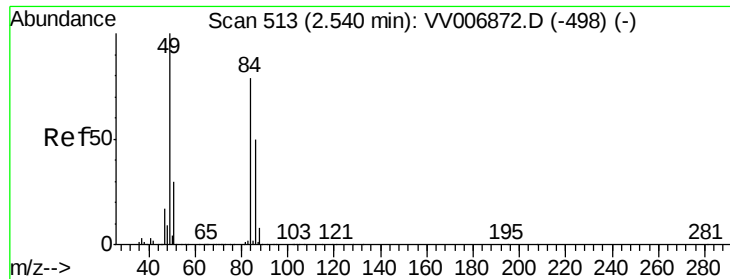
Tgt Ion: 43 Resp: 3126

Ion Ratio Lower Upper

43 100

58 49.4 0.0 69.0

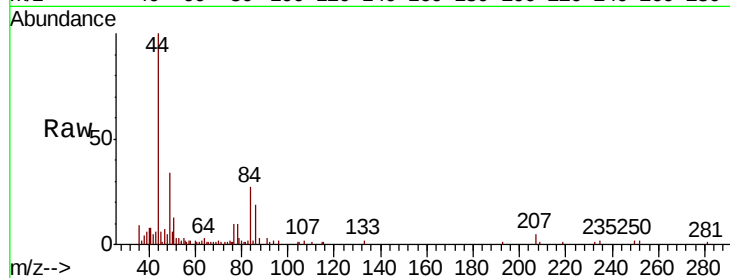




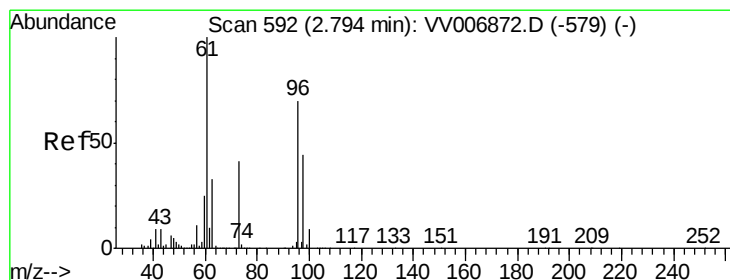
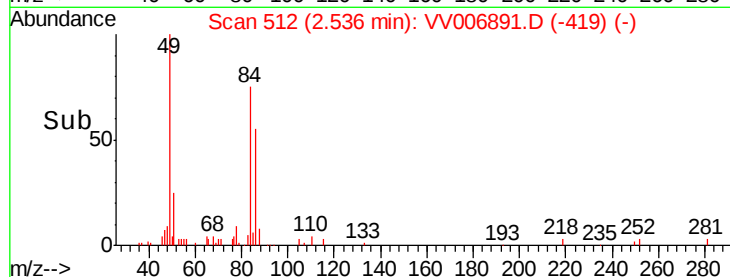
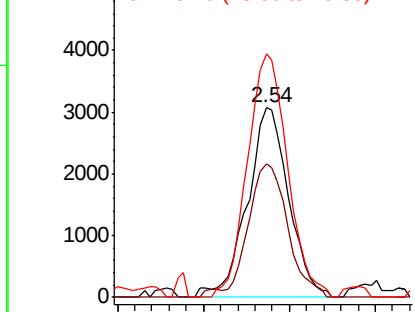
#16
Methvlene chloride
Concen: 0.259 ug/L
RT: 2.54 min Scan# 512
Delta R.T. -0.00 min
Lab File: VV006891.D
Acq: 04 Aug 2018 19:12

Instrument :
MSVOA_V
ClientSampled :

Tot Ion: 84 Resp: 5129
Ion Ratio Lower Upper
84 100
86 70.4 43.8 81.3
49 128.4 85.3 158.5

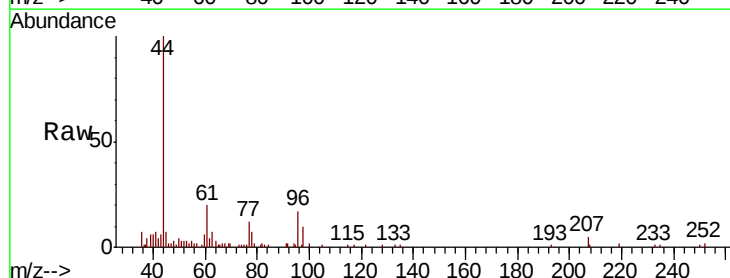


Abundance Ion 84.05 (83.75 to 84.75): VV0
Ion 86.00 (85.70 to 86.70): VV0
Ion 49.10 (48.80 to 49.80): VV0

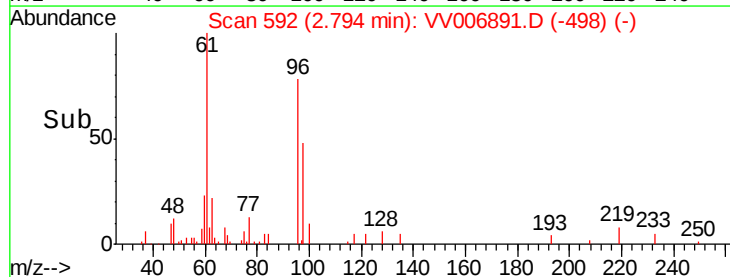
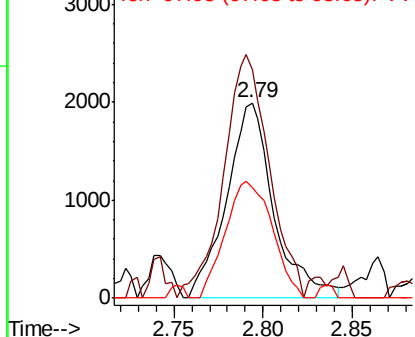


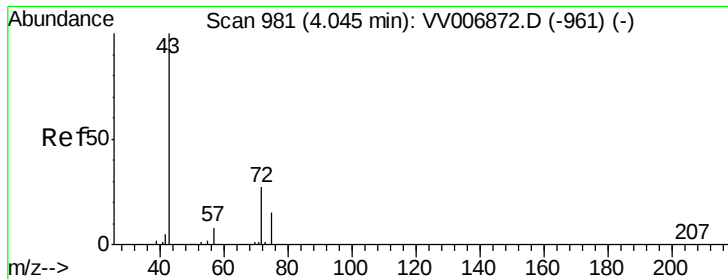
#18
trans-1,2-Dichloroethene
Concen: 0.205 ug/L
RT: 2.79 min Scan# 592
Delta R.T. 0.00 min
Lab File: VV006891.D
Acq: 04 Aug 2018 19:12

Tgt Ion: 96 Resp: 3686
Ion Ratio Lower Upper
96 100
61 116.9 99.0 183.8
98 56.7 42.8 79.4



Abundance Ion 96.00 (95.70 to 96.70): VV0
Ion 61.05 (60.75 to 61.75): VV0
Ion 97.95 (97.65 to 98.65): VV0





#21

2-Butanone

Concen: 0.225 ug/L

RT: 4.05 min Scan# 984

Delta R.T. 0.01 min

Lab File: VV006891.D

Acq: 04 Aug 2018 19:12

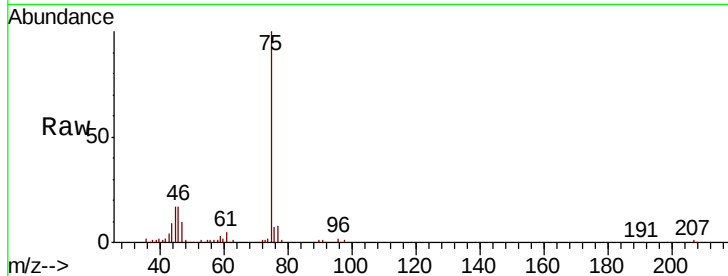
Instrument :
MSVOA_V
ClientSampled :

Tot Ion: 43 Resp: 1052

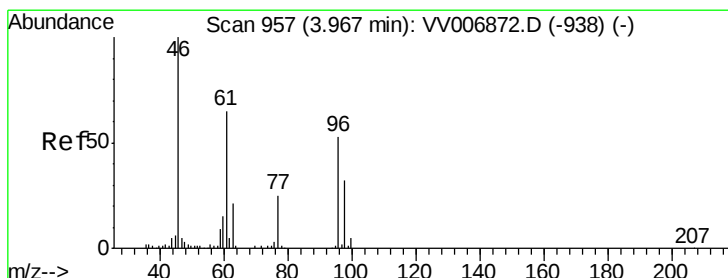
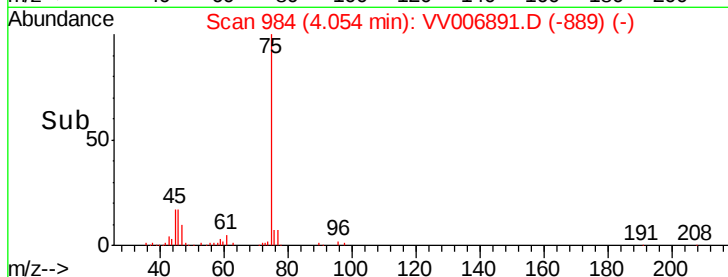
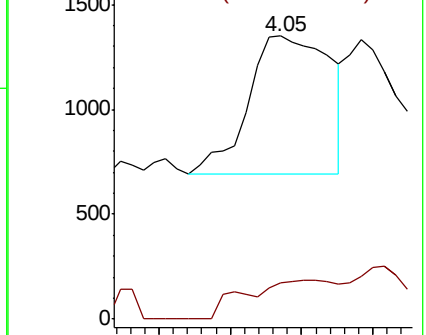
Ion Ratio Lower Upper

43 100

72 22.4 13.4 40.1



Abundance Ion 43.05 (42.75 to 43.75): VV0
Ion 72.10 (71.80 to 72.80): VV0



#22

cis-1,2-Dichloroethene

Concen: 11.060 ug/L

RT: 3.97 min Scan# 957

Delta R.T. 0.00 min

Lab File: VV006891.D

Acq: 04 Aug 2018 19:12

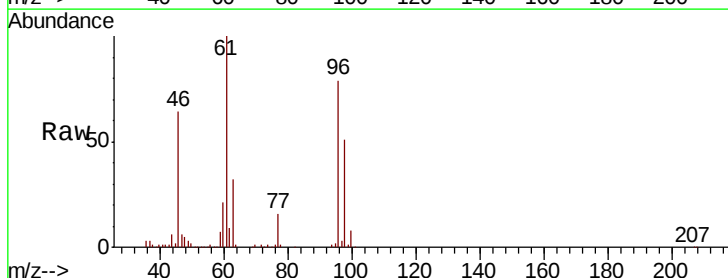
Tgt Ion: 96 Resp: 213965

Ion Ratio Lower Upper

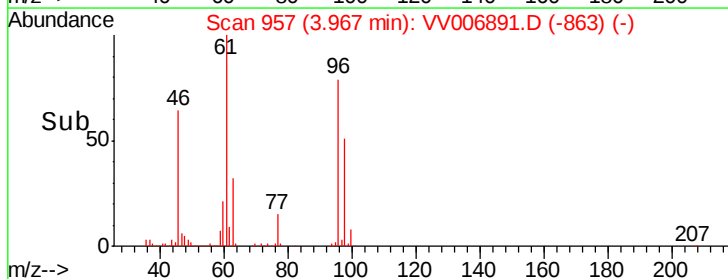
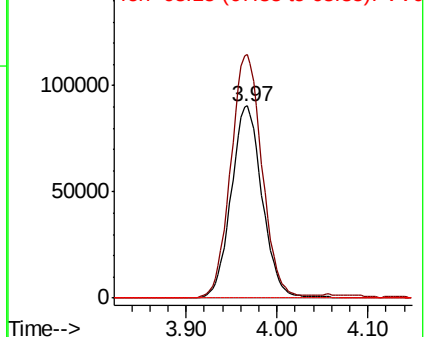
96 100

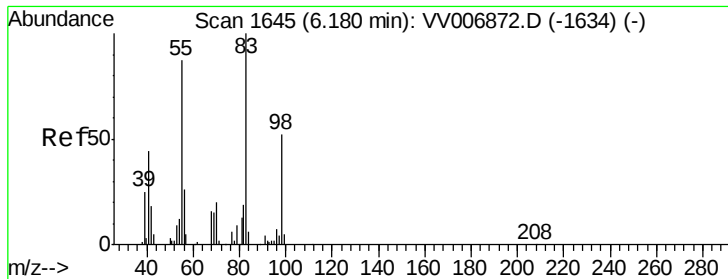
61 126.9 86.6 160.8

68 0.1 0.0 0.0#



Abundance Ion 96.00 (95.70 to 96.70): VV0
Ion 61.05 (60.75 to 61.75): VV0
Ion 68.15 (67.85 to 68.85): VV0

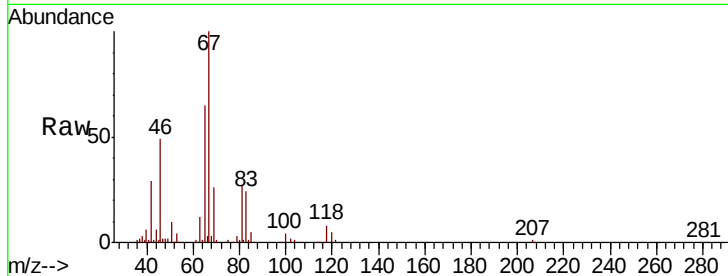




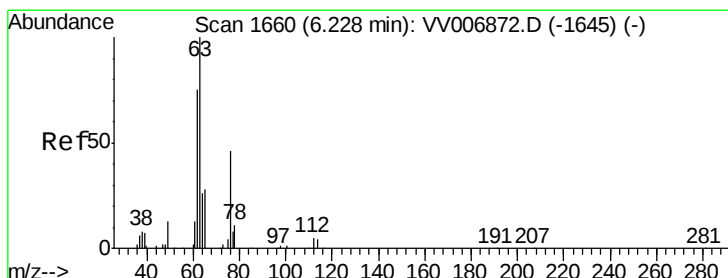
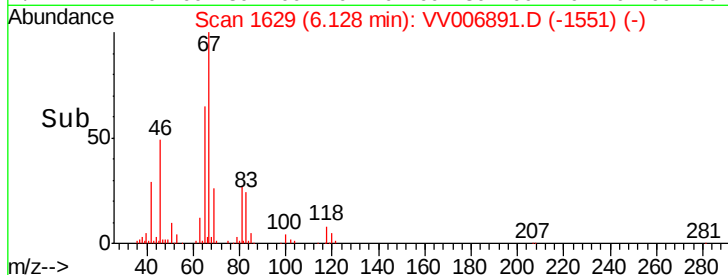
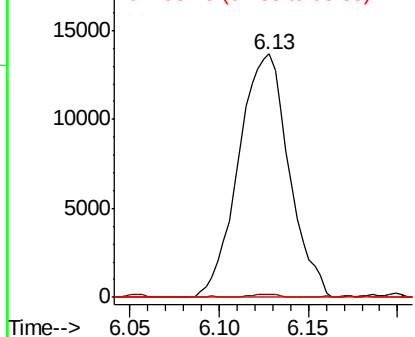
#35
Methvlcvclohexane
Concen: 0.857 ug/L
RT: 6.13 min Scan# 1629
Delta R.T. -0.05 min
Lab File: VV006891.D
Acq: 04 Aug 2018 19:12

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 83 Resp: 26949
Ion Ratio Lower Upper
83 100
55 0.7 61.8 92.6#
98 0.0 37.2 55.8#

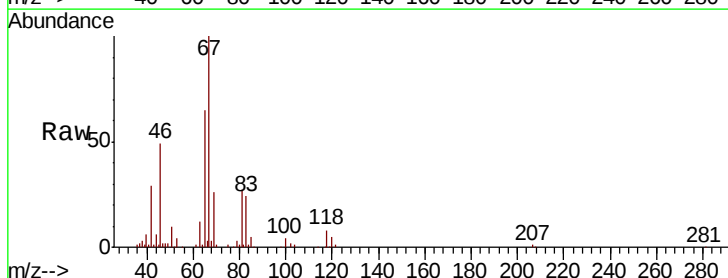


Abundance Ion 83.15 (82.85 to 83.85): VV0
Ion 55.10 (54.80 to 55.80): VV0
Ion 98.15 (97.85 to 98.85): VV0

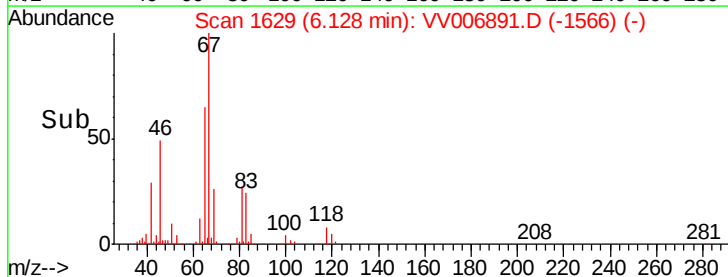
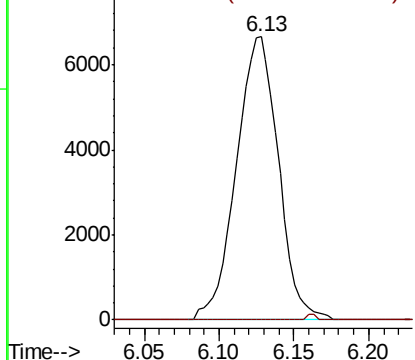


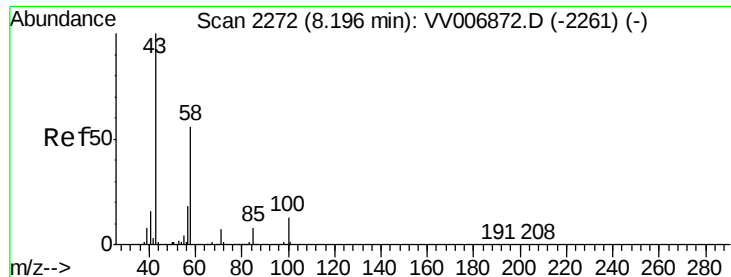
#37
1,2-Dichloropropane
Concen: 0.638 ug/L
RT: 6.13 min Scan# 1629
Delta R.T. -0.10 min
Lab File: VV006891.D
Acq: 04 Aug 2018 19:12

Tgt Ion: 63 Resp: 13014
Ion Ratio Lower Upper
63 100
112 0.4 3.0 4.6#



Abundance Ion 63.10 (62.80 to 63.80): VV0
Ion 112.10 (111.80 to 112.80): V





#48

2-Hexanone

Concen: 0.671 ug/L

RT: 8.20 min Scan# 2273

Delta R.T. 0.00 min

Lab File: VV006891.D

Acq: 04 Aug 2018 19:12

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 43 Resp: 5142

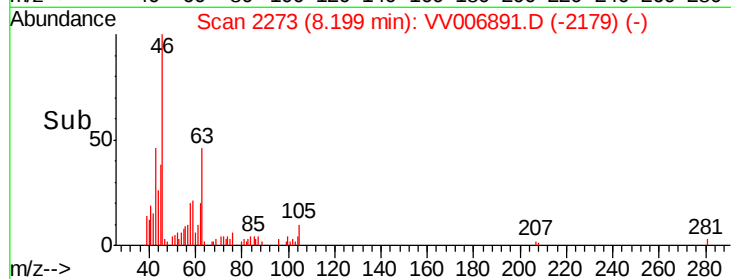
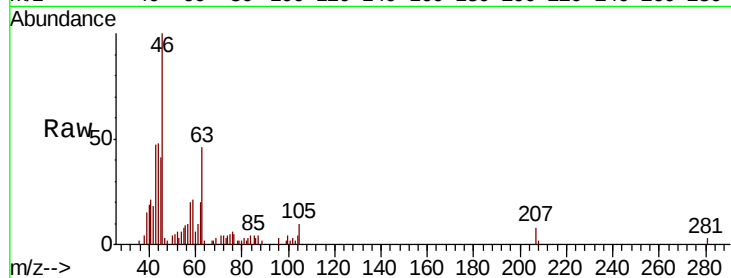
Ion Ratio Lower Upper

43 100

58 0.0 45.4 68.0#

57 11.7 15.4 23.2#

100 6.9 10.6 16.0#



Abundance Ion 43.05 (42.75 to 43.75): VV0
Ion 58.05 (57.75 to 58.75): VV0
Ion 57.20 (56.90 to 57.90): VV0
Ion 100.15 (99.85 to 100.85): VV0

