

Data File : VV007038.D
Acq On : 16 Aug 2018 12:53
Operator : SY/MD
Sample : J4487-07DL 40X
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C02Z3DL

Quant Time: Aug 17 01:15:04 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR080918WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Aug 17 01:13:44 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	221887	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	213817	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	79904	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	68646	4.79	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.80%
7) Chloroethane-d5	1.58	69	51438	4.23	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	84.60%
11) 1,1-Dichloroethene-d2	2.13	63	125643	4.67	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	93.40%
20) 2-Butanone-d5	3.98	46	172709	41.93	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	83.86%
24) Chloroform-d	4.40	84	133370	4.59	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.80%
26) 1,2-Dichloroethane-d4	5.09	65	68102	4.64	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.80%
32) Benzene-d6	5.10	84	263124	4.79	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.80%
36) 1,2-Dichloropropane-d6	6.12	67	86054	4.58	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.60%
41) Toluene-d8	7.37	98	194338	4.16	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.20%
43) trans-1,3-Dichloropropene-	7.67	79	26266	4.02	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.40%
46) 2-Hexanone-d5	8.15	63	80713	30.21	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	60.42%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	59710	4.08	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	81.60%
64) 1,2-Dichlorobenzene-d4	11.68	152	65508	4.71	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.20%

Target Compounds

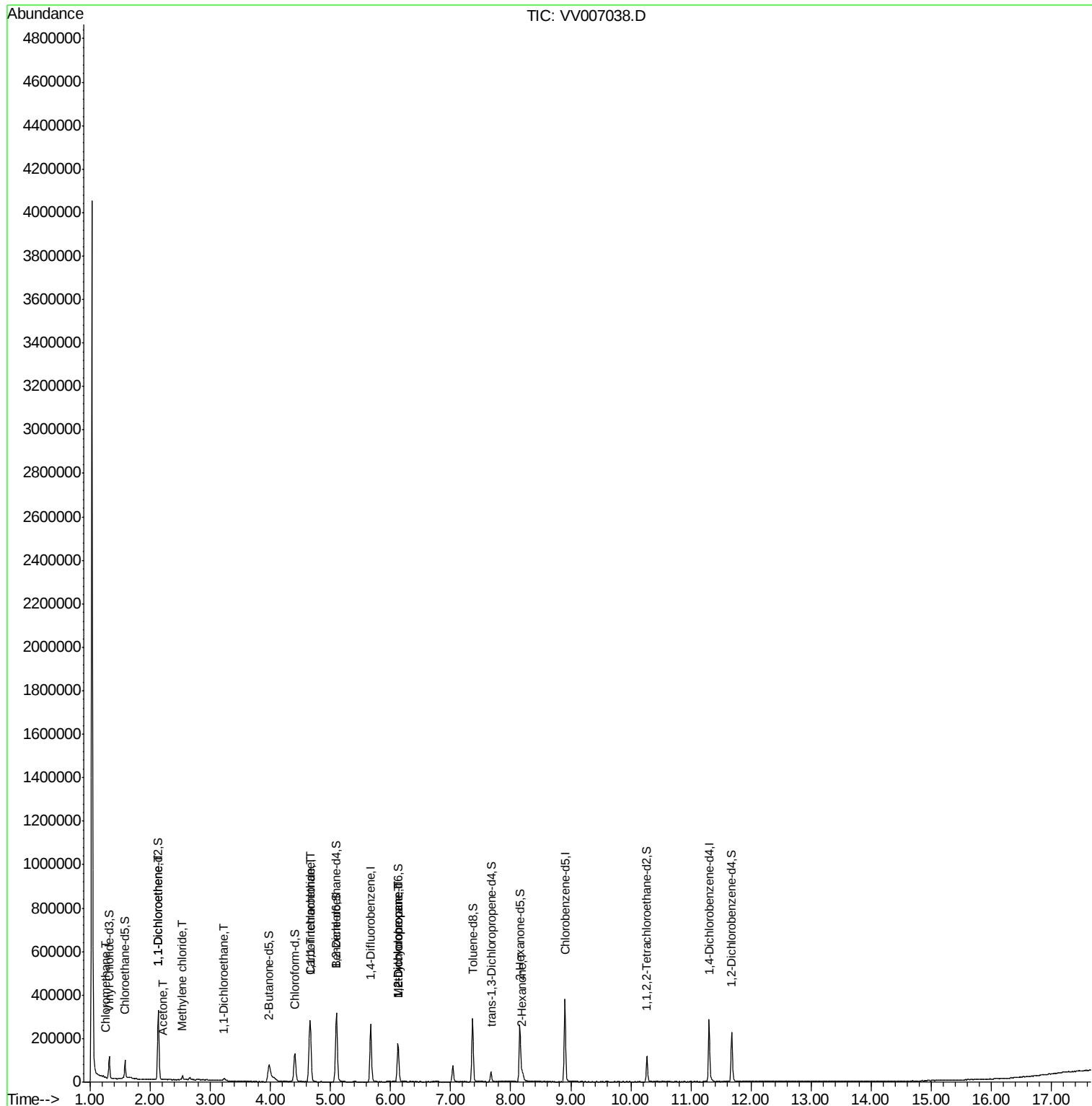
					Qvalue
3) Chloromethane	1.25	50	5318	0.256 ug/L	99
12) 1,1-Dichloroethene	2.14	96	61856	3.882 ug/L	91
13) Acetone	2.21	43	881	0.415 ug/L	48
16) Methylene chloride	2.54	84	8495	0.442 ug/L	98
19) 1,1-Dichloroethane	3.23	63	7907	0.257 ug/L	99
29) 1,1,1-Trichloroethane	4.66	97	230431	8.082 ug/L	98
31) Carbon tetrachloride	4.66	117	29967	1.253 ug/L	100
35) Methylcyclohexane	6.12	83	20888	0.733 ug/L #	15
37) 1,2-Dichloropropane	6.12	63	9213	0.454 ug/L #	87
48) 2-Hexanone	8.20	43	17460	2.260 ug/L	91

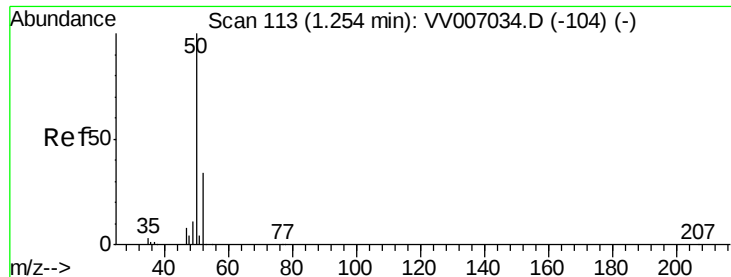
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.256 ug/L

RT: 1.25 min Scan# 113

Delta R.T. -0.00 min

Lab File: VV007038.D

Acq: 16 Aug 2018 12:53

Instrument :

MSVOA_V

ClientSampleId :

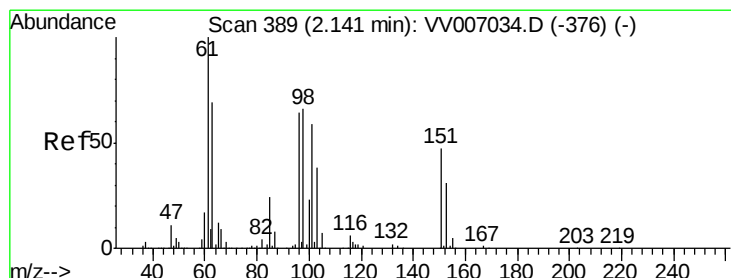
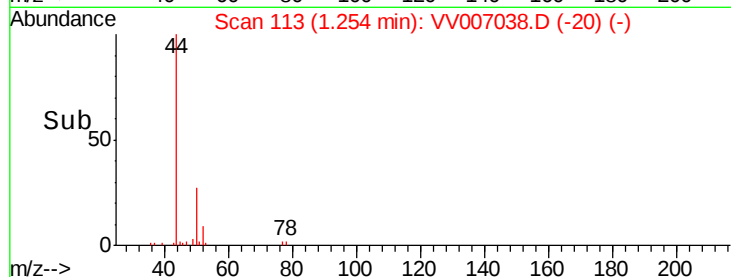
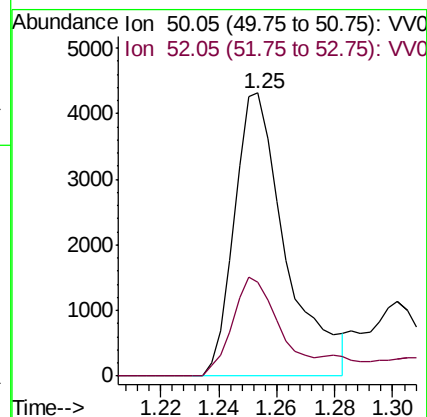
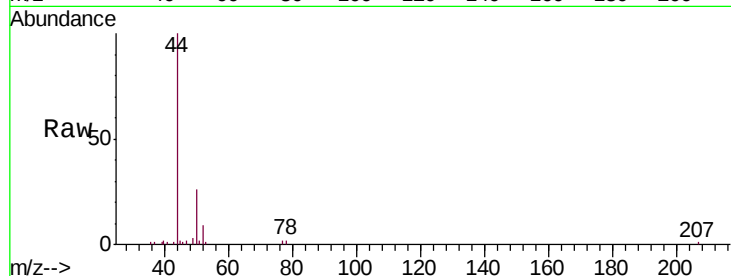
C02Z3DL

Tgt Ion: 50 Resp: 5318

Ion Ratio Lower Upper

50 100

52 33.3 23.6 43.8



#12

1,1-Dichloroethene

Concen: 3.882 ug/L

RT: 2.14 min Scan# 388

Delta R.T. -0.00 min

Lab File: VV007038.D

Acq: 16 Aug 2018 12:53

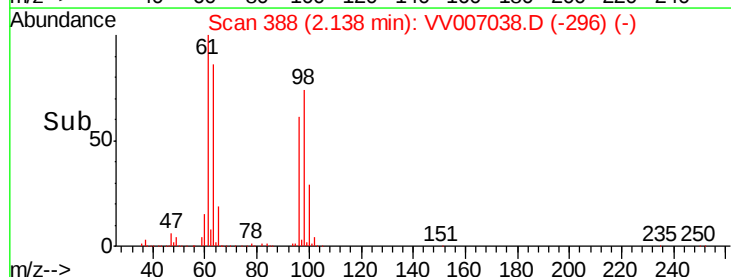
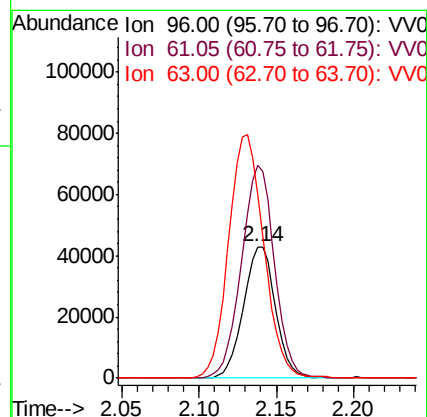
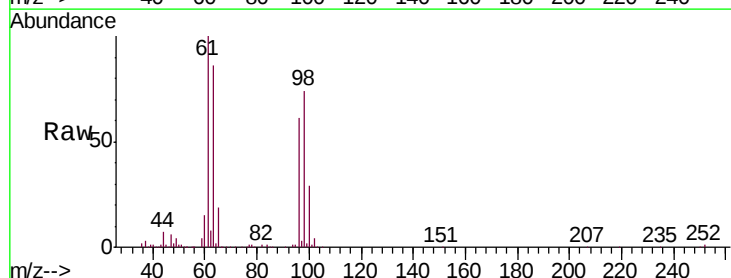
Tgt Ion: 96 Resp: 61856

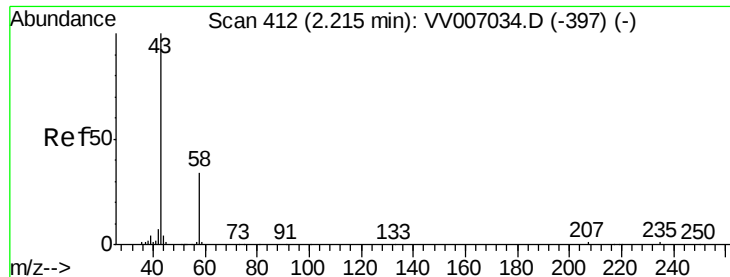
Ion Ratio Lower Upper

96 100

61 162.8 111.6 207.4

63 140.4 84.9 157.7





#13

Acetone

Concen: 0.415 ug/L

RT: 2.21 min Scan# 412

Delta R.T. 0.01 min

Lab File: VV007038.D

Acq: 16 Aug 2018 12:53

Instrument :

MSVOA_V

ClientSampleId :

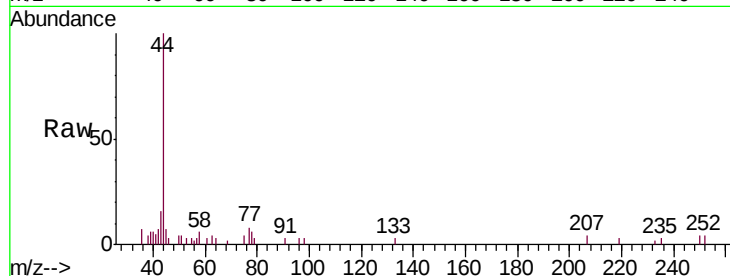
C02Z3DL

Tgt Ion: 43 Resp: 881

Ion Ratio Lower Upper

43 100

58 65.9 0.0 71.4



Abundance Ion 43.05 (42.75 to 43.75): VV007034.D (-397) (-)

Ion 58.05 (57.75 to 58.75): VV007034.D (-397) (-)

2.21

800

600

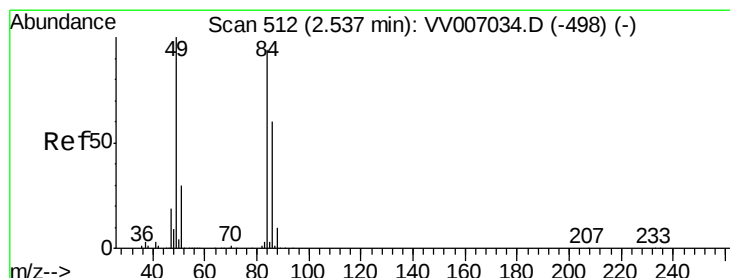
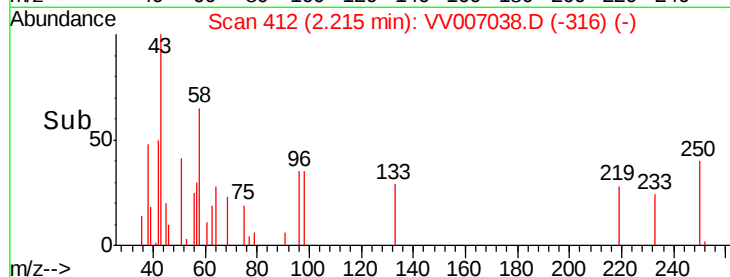
400

200

0

2.18 2.20 2.22 2.24

Time-->



#16

Methylene chloride

Concen: 0.442 ug/L

RT: 2.54 min Scan# 512

Delta R.T. -0.00 min

Lab File: VV007038.D

Acq: 16 Aug 2018 12:53

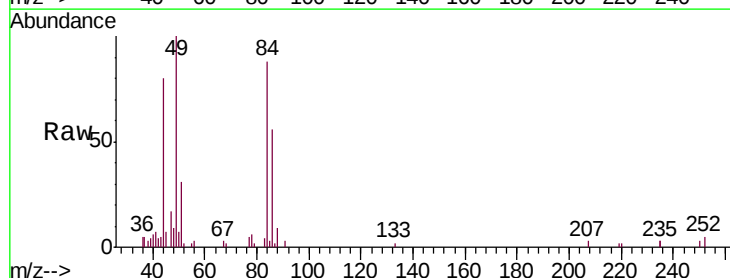
Tgt Ion: 84 Resp: 8495

Ion Ratio Lower Upper

84 100

86 63.3 45.7 84.9

49 113.7 78.8 146.4



Abundance Ion 84.05 (83.75 to 84.75): VV007038.D (-419) (-)

Ion 86.00 (85.70 to 86.70): VV007038.D (-419) (-)

Ion 49.10 (48.80 to 49.80): VV007038.D (-419) (-)

8000

6000

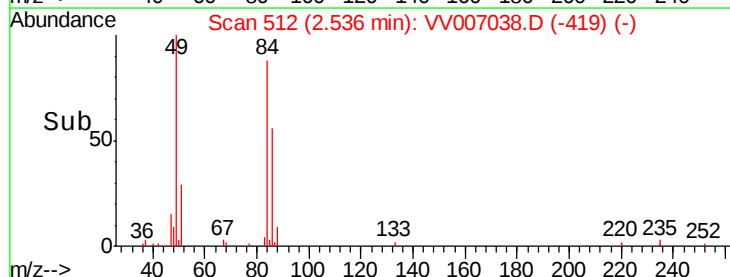
4000

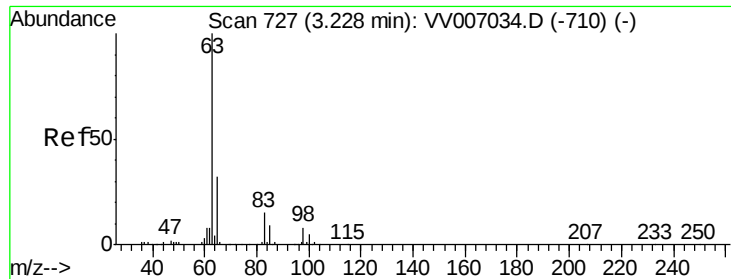
2000

0

2.50 2.55 2.60

Time-->



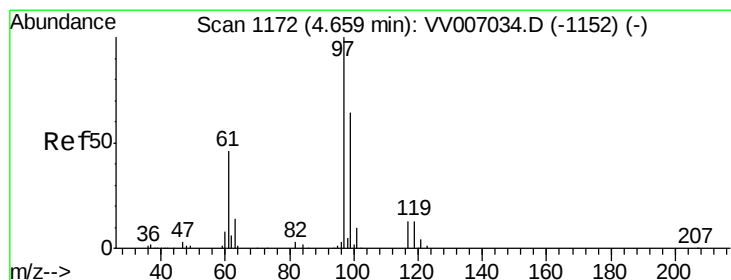
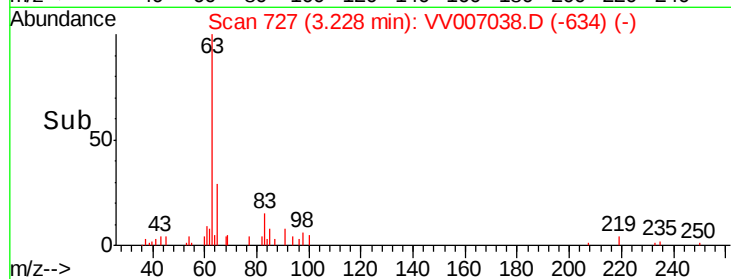
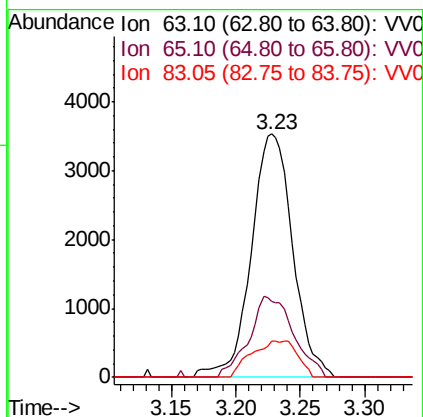
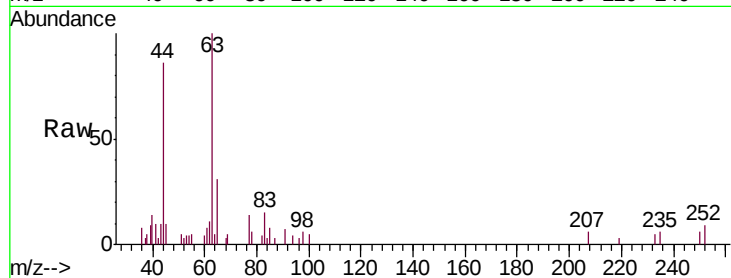


#19
 1,1-Dichloroethane
 Concen: 0.257 ug/L
 RT: 3.23 min Scan# 727
 Delta R.T. -0.00 min
 Lab File: VV007038.D
 Acq: 16 Aug 2018 12:53

Instrument :
 MSVOA_V
 ClientSampleId :
 C02Z3DL

Tgt Ion: 63 Resp: 7907

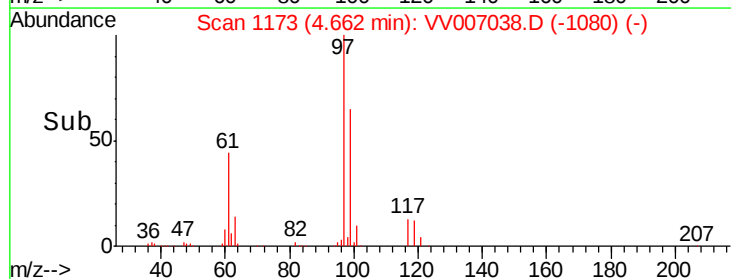
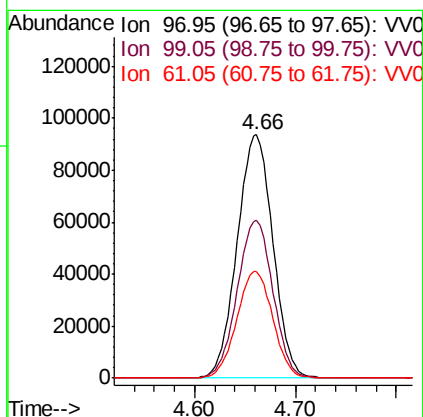
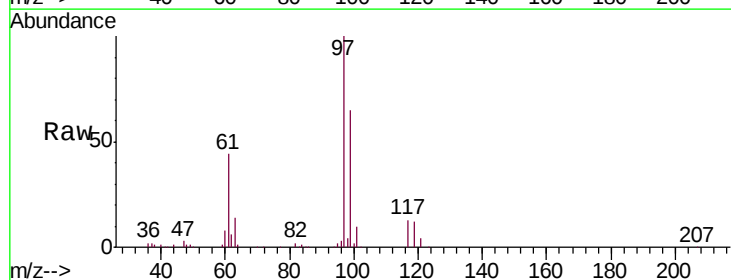
Ion	Ratio	Lower	Upper
63	100		
65	31.1	21.7	40.3
83	14.8	10.0	18.6

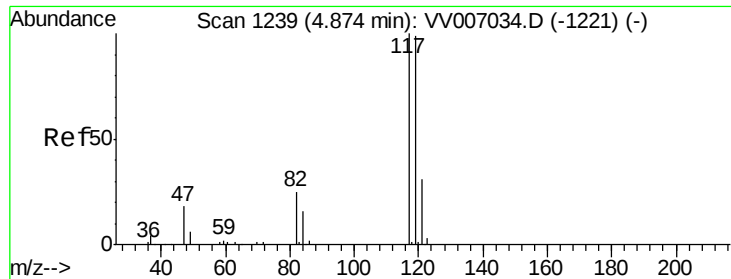


#29
 1,1,1-Trichloroethane
 Concen: 8.082 ug/L
 RT: 4.66 min Scan# 1173
 Delta R.T. -0.00 min
 Lab File: VV007038.D
 Acq: 16 Aug 2018 12:53

Tgt Ion: 97 Resp: 230431

Ion	Ratio	Lower	Upper
97	100		
99	64.9	51.0	76.6
61	44.1	36.6	54.8

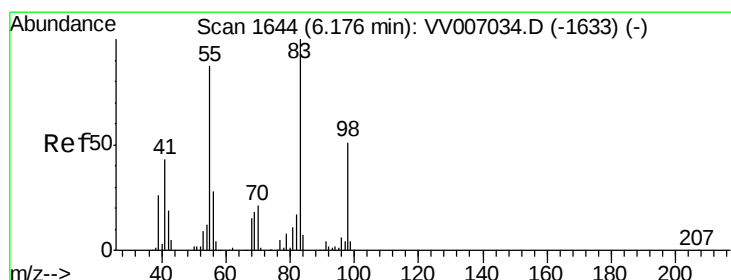
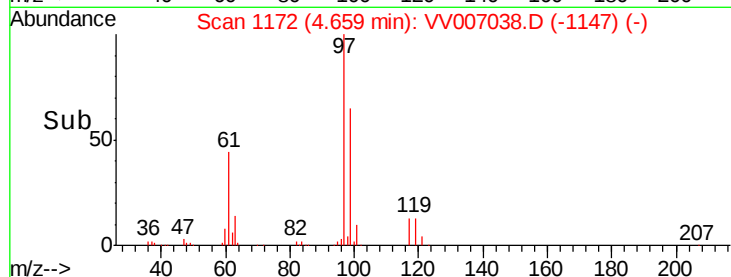
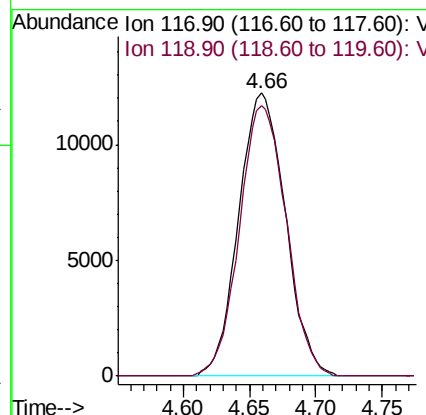
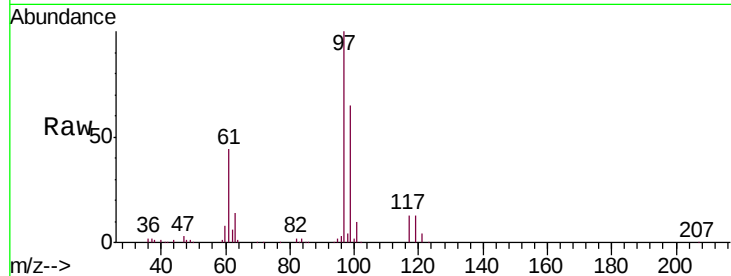




#31
Carbon tetrachloride
Concen: 1.253 ug/L
RT: 4.66 min Scan# 1172
Delta R.T. -0.22 min
Lab File: VV007038.D
Acq: 16 Aug 2018 12:53

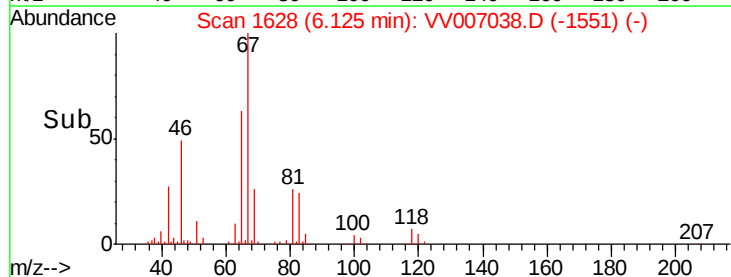
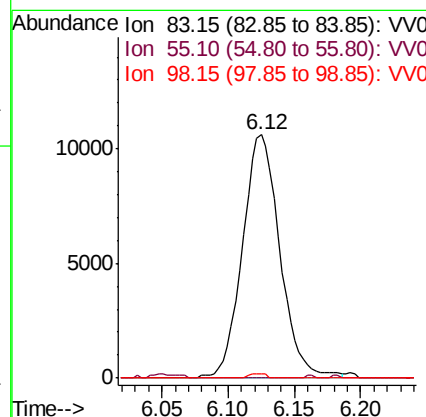
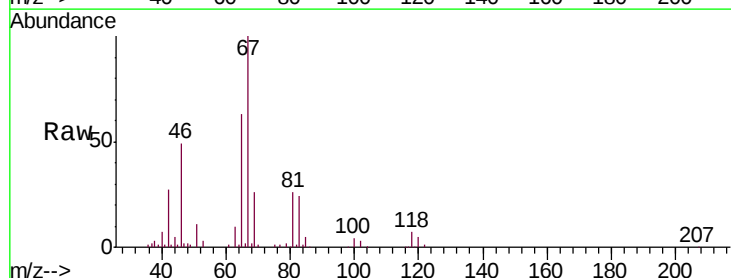
Instrument :
MSVOA_V
ClientSampled :
C02Z3DL

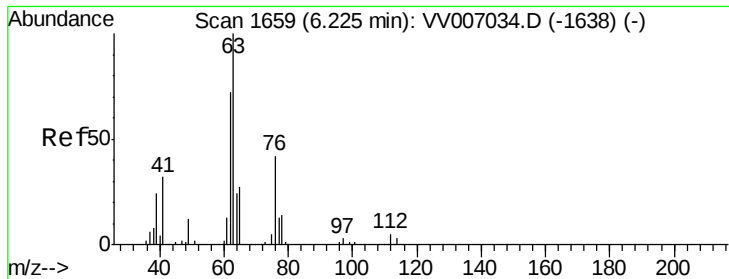
Tgt Ion:117 Resp: 29967
Ion Ratio Lower Upper
117 100
119 95.8 76.2 114.4



#35
Methylcyclohexane
Concen: 0.733 ug/L
RT: 6.12 min Scan# 1628
Delta R.T. -0.05 min
Lab File: VV007038.D
Acq: 16 Aug 2018 12:53

Tgt Ion: 83 Resp: 20888
Ion Ratio Lower Upper
83 100
55 0.2 68.1 102.1#
98 0.8 37.9 56.9#





#37

1,2-Dichloropropane

Concen: 0.454 ug/L

RT: 6.12 min Scan# 1627

Delta R.T. -0.11 min

Lab File: VV007038.D

Acq: 16 Aug 2018 12:53

Instrument :

MSVOA_V

ClientSampleId :

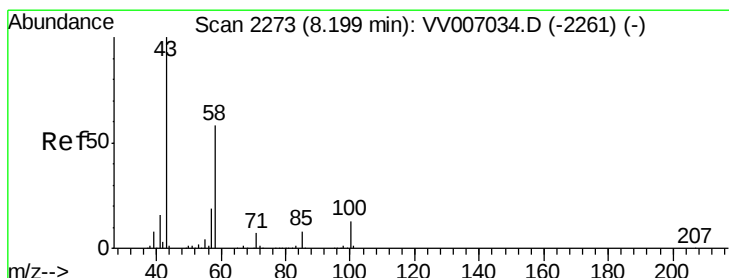
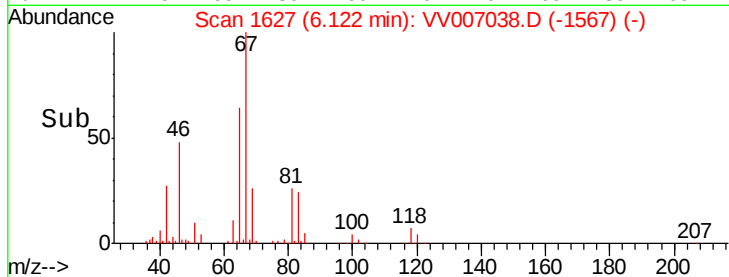
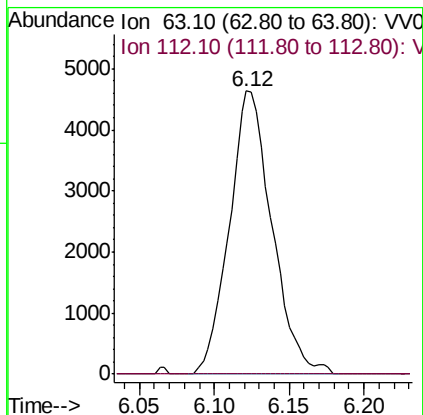
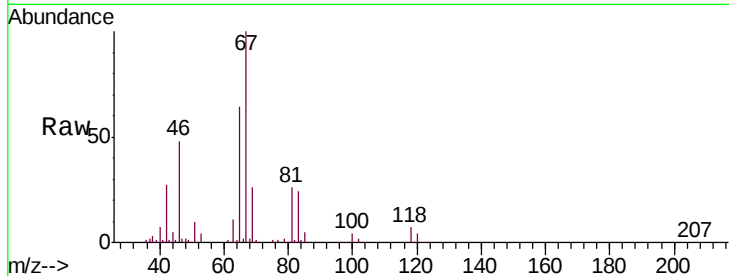
C02Z3DL

Tgt Ion: 63 Resp: 9213

Ion Ratio Lower Upper

63 100

112 0.0 3.5 5.3#



#48

2-Hexanone

Concen: 2.260 ug/L

RT: 8.20 min Scan# 2273

Delta R.T. 0.00 min

Lab File: VV007038.D

Acq: 16 Aug 2018 12:53

Tgt Ion: 43 Resp: 17460

Ion Ratio Lower Upper

43 100

58 46.1 44.2 66.2

57 19.1 14.8 22.2

100 9.5 8.8 13.2

