

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV072018\
 Data File : VV006670.D
 Acq On : 20 Jul 2018 16:27
 Operator : SY/MD
 Sample : J4078-02
 Misc : 25 mL/MSVOA_V/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AA3

Quant Time: Jul 26 02:10:14 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR071918WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Jul 26 02:08:26 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	234323	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	220877	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	97856	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	82851	5.04	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	100.80%
7) Chloroethane-d5	1.58	69	58042	5.23	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	104.60%
11) 1,1-Dichloroethene-d2	2.13	63	109769	3.47	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.40%
20) 2-Butanone-d5	3.95	46	156364	43.78	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	87.56%
24) Chloroform-d	4.41	84	137373	4.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.40%
26) 1,2-Dichloroethane-d4	5.09	65	65750	5.03	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.60%
32) Benzene-d6	5.10	84	294849	4.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.40%
36) 1,2-Dichloropropane-d6	6.12	67	92421	4.97	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.40%
41) Toluene-d8	7.36	98	268598	4.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.20%
43) trans-1,3-Dichloropropene-	7.67	79	29236	4.63	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.60%
46) 2-Hexanone-d5	8.14	63	153582	48.80	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.60%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	65247	4.82	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.40%
64) 1,2-Dichlorobenzene-d4	11.68	152	92388	5.25	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.00%

Target Compounds

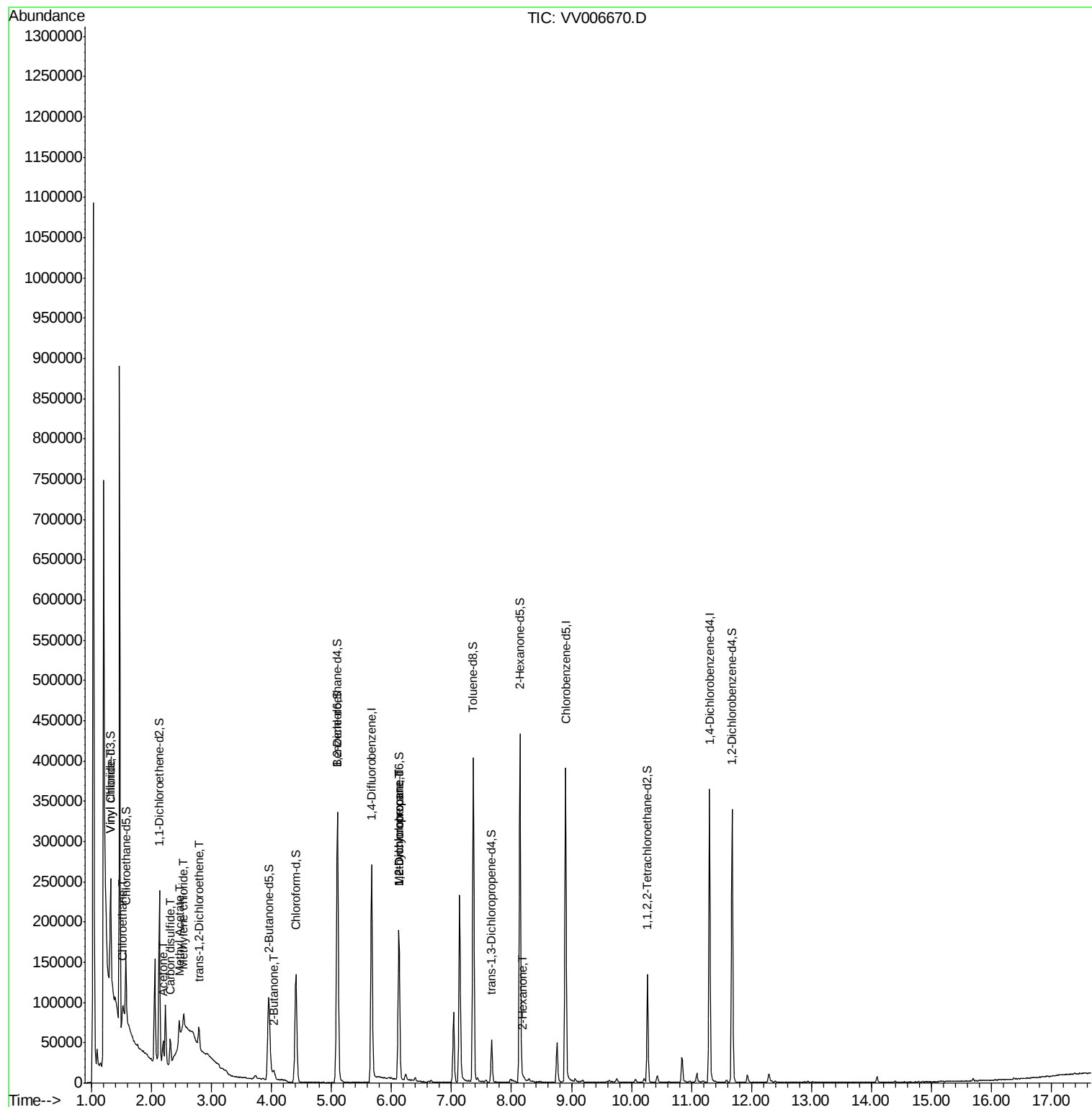
					Qvalue
5) Vinyl chloride	1.32	62	11384	0.468 ug/L #	1
8) Chloroethane	1.51	64	23926	1.711 ug/L #	54
13) Acetone	2.19	43	23365	8.530 ug/L	99
14) Carbon disulfide	2.32	76	14496	0.258 ug/L	96
15) Methyl Acetate	2.46	43	26574	3.307 ug/L	100
16) Methylene chloride	2.54	84	6823	0.313 ug/L	90
18) trans-1,2-Dichloroethene	2.79	96	9249	0.484 ug/L	93
21) 2-Butanone	4.04	43	15393	3.355 ug/L	95
35) Methylcyclohexane	6.12	83	21510	0.656 ug/L #	18
37) 1,2-Dichloropropane	6.12	63	9401	0.474 ug/L #	86
48) 2-Hexanone	8.20	43	1727	0.231 ug/L #	93

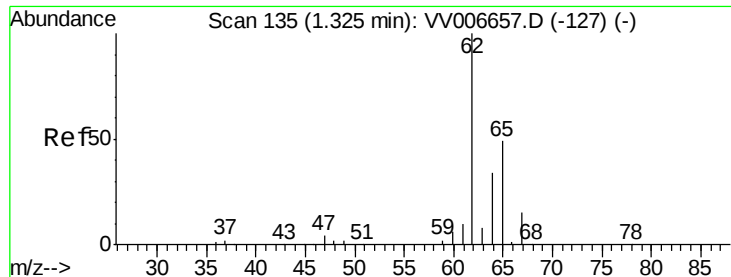
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jul 26 02:10:14 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR071918WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Jul 26 02:08:26 2018
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 0.468 ug/L

RT: 1.32 min Scan# 135

Delta R.T. -0.00 min

Lab File: VV006670.D

Acq: 20 Jul 2018 16:27

Instrument :

MSVOA_V

ClientSampled :

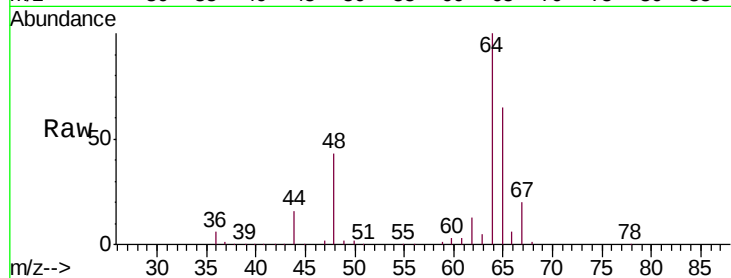
C0AA3

Tgt Ion: 62 Resp: 11384

Ion Ratio Lower Upper

62 100

64 793.5 23.7 44.1#



Abundance Ion 62.00 (61.70 to 62.70): VV006670.D (-127) (-)

Ion 64.10 (63.80 to 64.80): VV006670.D (-127) (-)

120000

100000

80000

60000

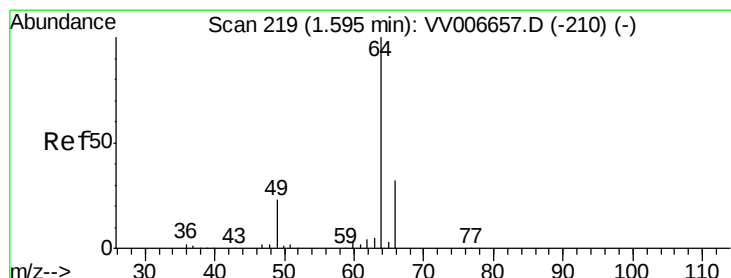
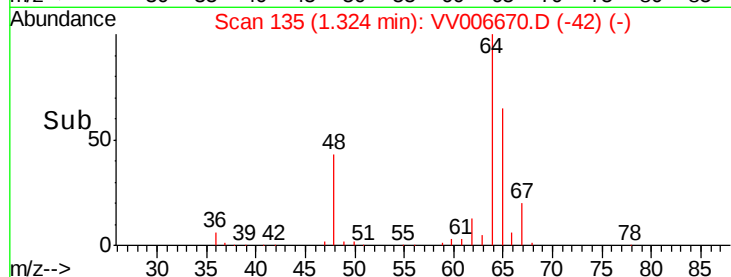
40000

20000

0

1.32

Time-->



#8

Chloroethane

Concen: 1.711 ug/L

RT: 1.51 min Scan# 194

Delta R.T. -0.08 min

Lab File: VV006670.D

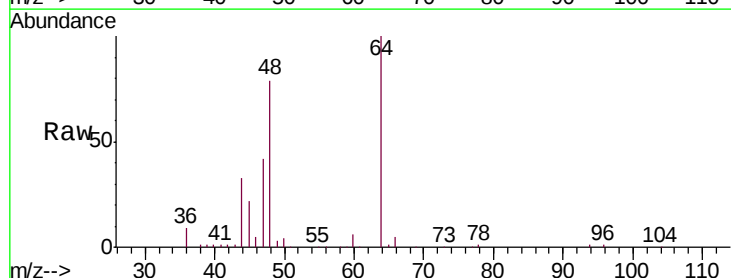
Acq: 20 Jul 2018 16:27

Tgt Ion: 64 Resp: 23926

Ion Ratio Lower Upper

64 100

66 4.9 21.1 39.3#



Abundance Ion 64.10 (63.80 to 64.80): VV006670.D (-210) (-)

Ion 66.05 (65.75 to 66.75): VV006670.D (-210) (-)

30000

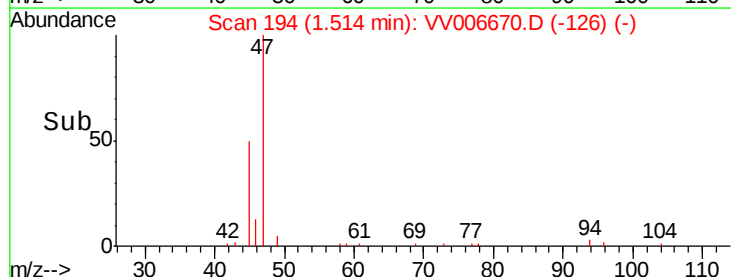
20000

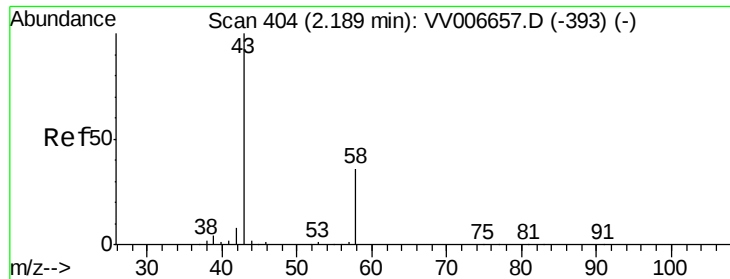
10000

0

1.51

Time-->





#13

Acetone

Concen: 8.530 ug/L

RT: 2.19 min Scan# 405

Delta R.T. 0.00 min

Lab File: VV006670.D

Acq: 20 Jul 2018 16:27

Instrument :

MSVOA_V

ClientSampleId :

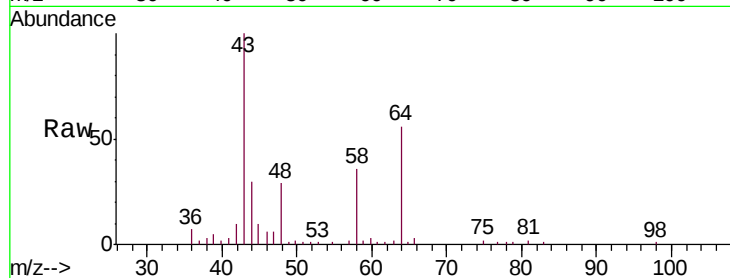
C0AA3

Tgt Ion: 43 Resp: 23365

Ion Ratio Lower Upper

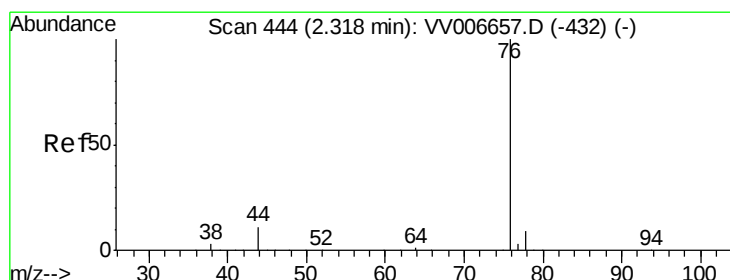
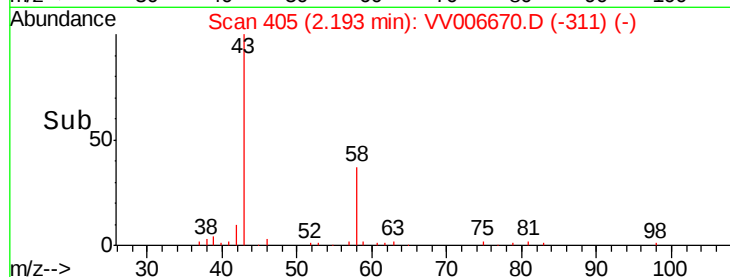
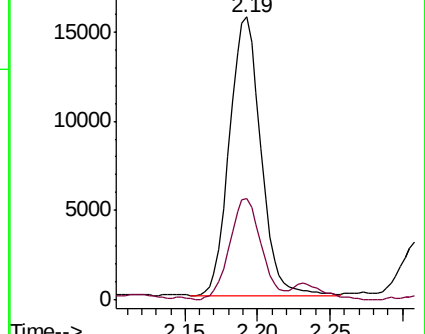
43 100

58 36.8 0.0 72.8



Abundance Ion 43.05 (42.75 to 43.75): VV006670.D (-393) (-)

Ion 58.05 (57.75 to 58.75): VV006670.D (-393) (-)



#14

Carbon disulfide

Concen: 0.258 ug/L

RT: 2.32 min Scan# 445

Delta R.T. 0.00 min

Lab File: VV006670.D

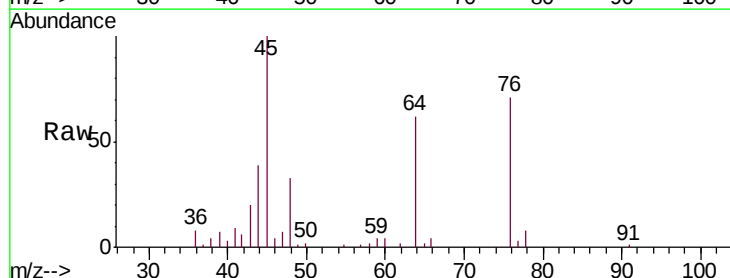
Acq: 20 Jul 2018 16:27

Tgt Ion: 76 Resp: 14496

Ion Ratio Lower Upper

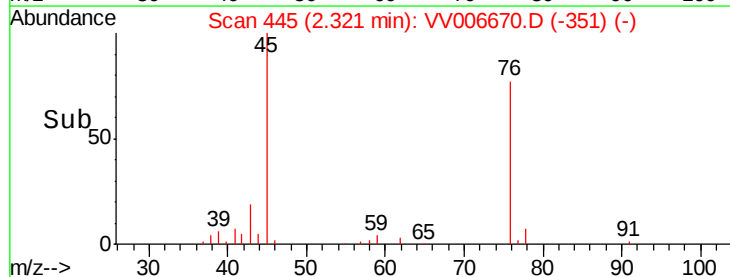
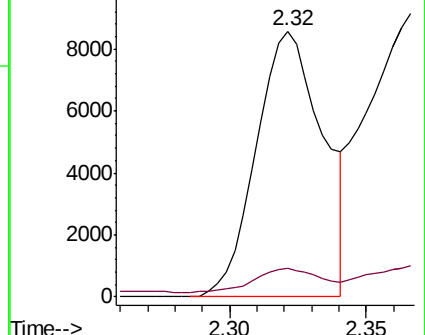
76 100

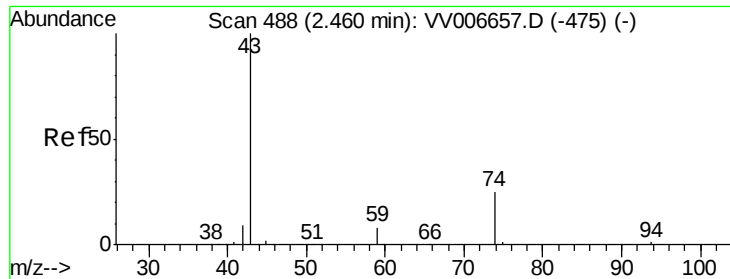
78 10.6 7.3 10.9



Abundance Ion 76.05 (75.75 to 76.75): VV006670.D (-432) (-)

Ion 78.00 (77.70 to 78.70): VV006670.D (-432) (-)

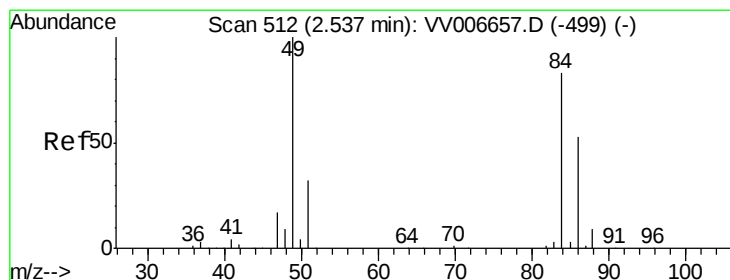
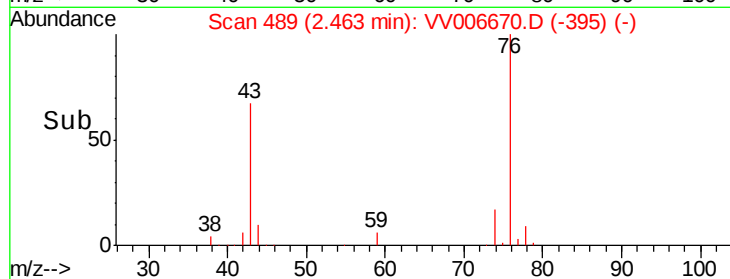
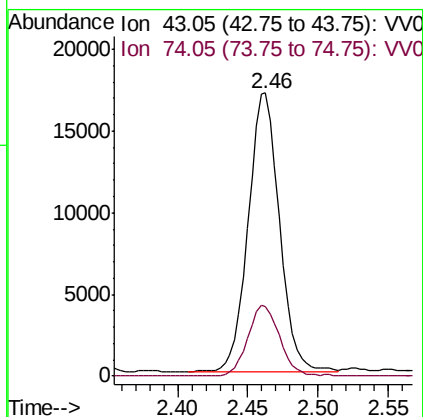
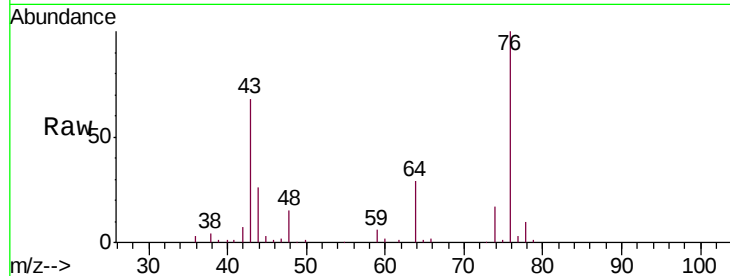




#15
Methyl Acetate
Concen: 3.307 ug/L
RT: 2.46 min Scan# 489
Delta R.T. 0.00 min
Lab File: VV006670.D
Acq: 20 Jul 2018 16:27

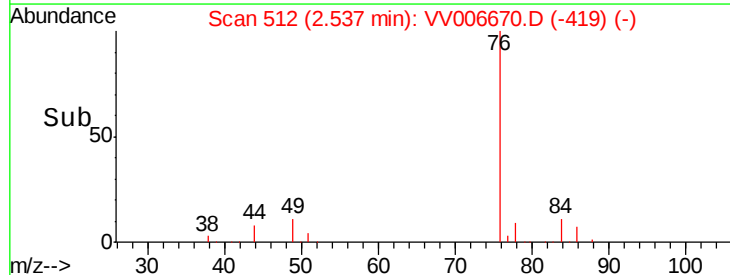
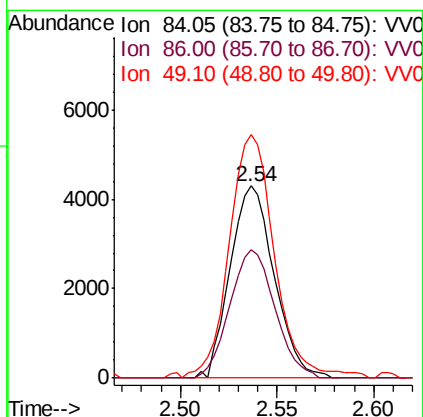
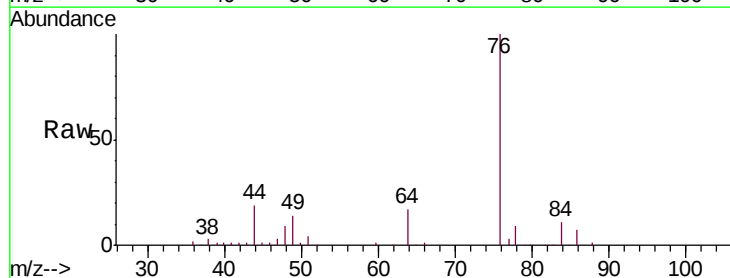
Instrument :
MSVOA_V
ClientSampleId :
C0AA3

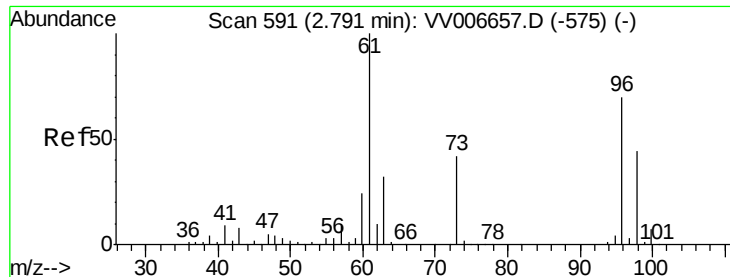
Tgt Ion: 43 Resp: 26574
Ion Ratio Lower Upper
43 100
74 25.6 20.3 30.5



#16
Methylene chloride
Concen: 0.313 ug/L
RT: 2.54 min Scan# 512
Delta R.T. -0.00 min
Lab File: VV006670.D
Acq: 20 Jul 2018 16:27

Tgt Ion: 84 Resp: 6823
Ion Ratio Lower Upper
84 100
86 66.7 45.4 84.2
49 136.6 85.1 158.1





#18

trans-1,2-Dichloroethene

Concen: 0.484 ug/L

RT: 2.79 min Scan# 591

Delta R.T. -0.00 min

Lab File: VV006670.D

Acq: 20 Jul 2018 16:27

Instrument :

MSVOA_V

ClientSampleId :

C0AA3

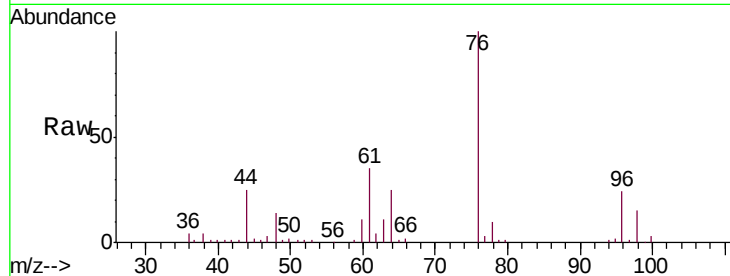
Tgt Ion: 96 Resp: 9249

Ion Ratio Lower Upper

96 100

61 147.8 96.0 178.4

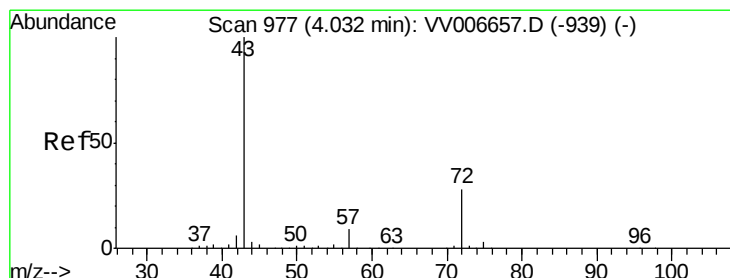
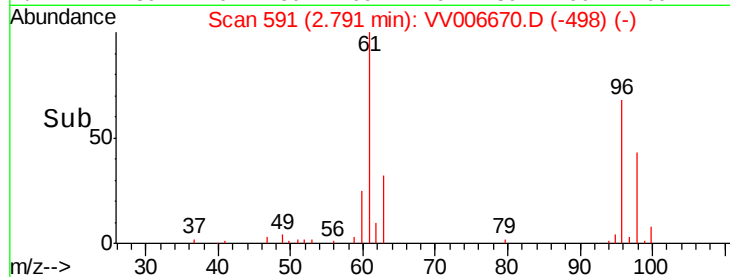
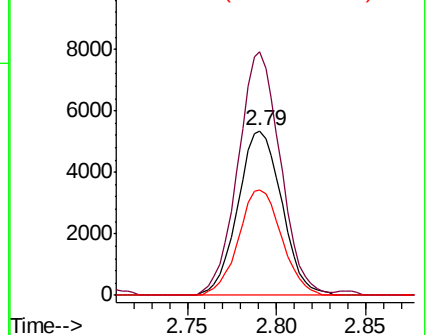
98 63.8 43.5 80.9



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: 3.355 ug/L

RT: 4.04 min Scan# 979

Delta R.T. 0.01 min

Lab File: VV006670.D

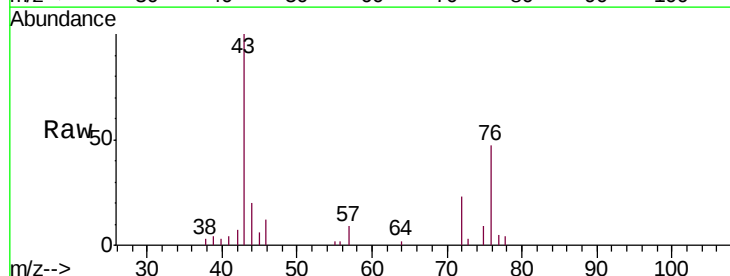
Acq: 20 Jul 2018 16:27

Tgt Ion: 43 Resp: 15393

Ion Ratio Lower Upper

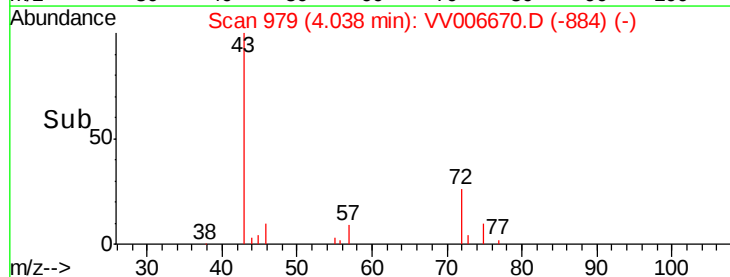
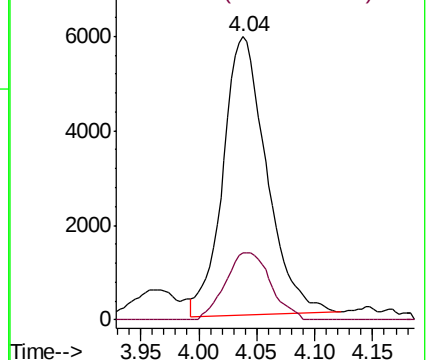
43 100

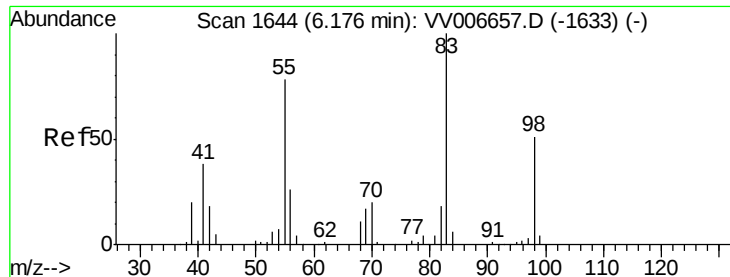
72 25.1 13.9 41.6



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 72.10 (71.80 to 72.80): VV0

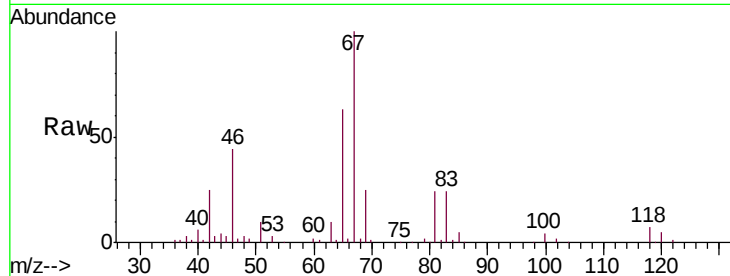




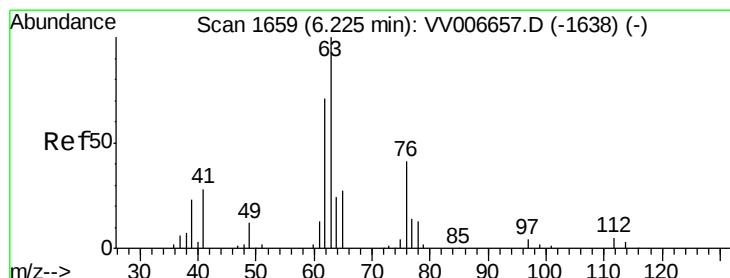
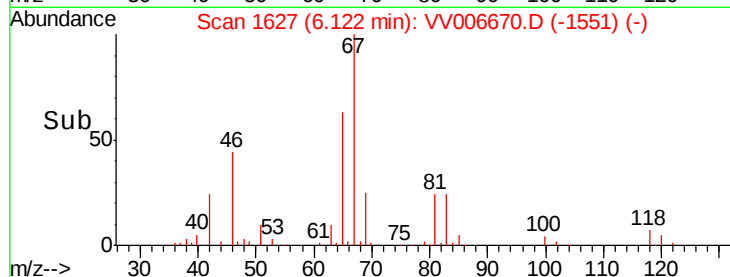
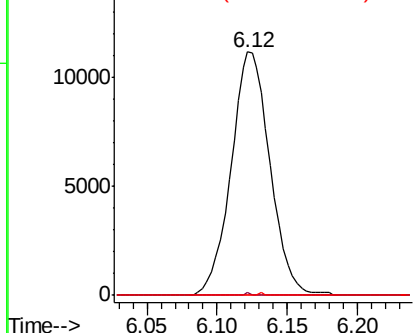
#35
Methylcyclohexane
Concen: 0.656 ug/L
RT: 6.12 min Scan# 1627
Delta R.T. -0.05 min
Lab File: VV006670.D
Acq: 20 Jul 2018 16:27

Instrument :
MSVOA_V
ClientSampleId :
C0AA3

Tgt Ion: 83 Resp: 21510
Ion Ratio Lower Upper
83 100
55 0.1 61.3 91.9#
98 0.1 39.4 59.0#

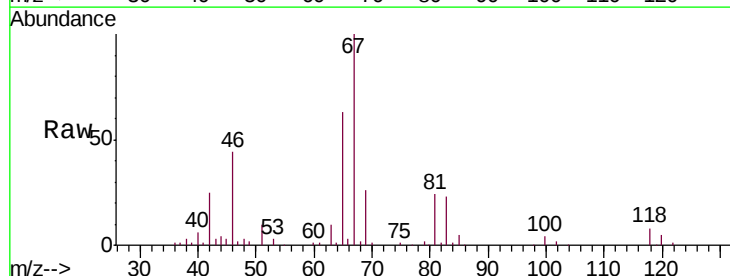


Abundance Ion 83.15 (82.85 to 83.85): VV0
Ion 55.10 (54.80 to 55.80): VV0
Ion 98.15 (97.85 to 98.85): VV0

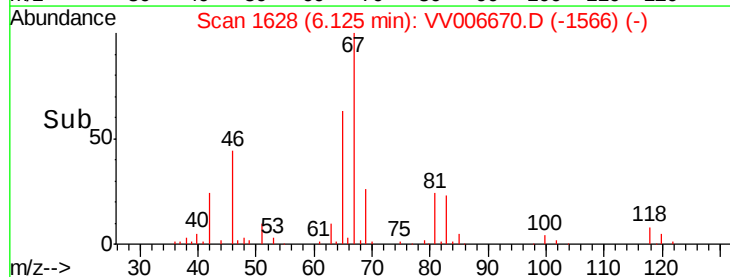
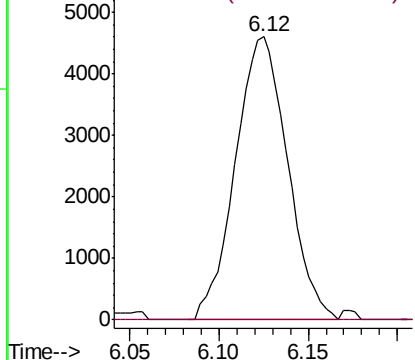


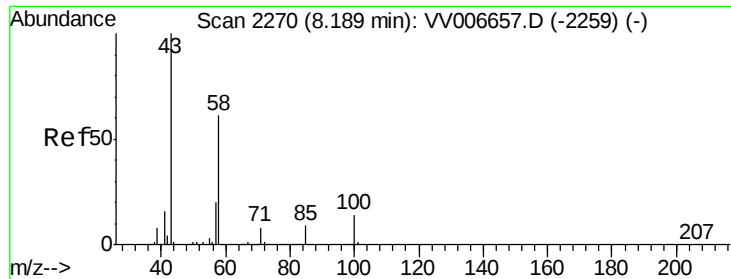
#37
1,2-Dichloropropane
Concen: 0.474 ug/L
RT: 6.12 min Scan# 1628
Delta R.T. -0.10 min
Lab File: VV006670.D
Acq: 20 Jul 2018 16:27

Tgt Ion: 63 Resp: 9401
Ion Ratio Lower Upper
63 100
112 0.0 3.6 5.4#



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





#48

2-Hexanone

Concen: 0.231 ug/L

RT: 8.20 min Scan# 2272

Delta R.T. 0.01 min

Lab File: VV006670.D

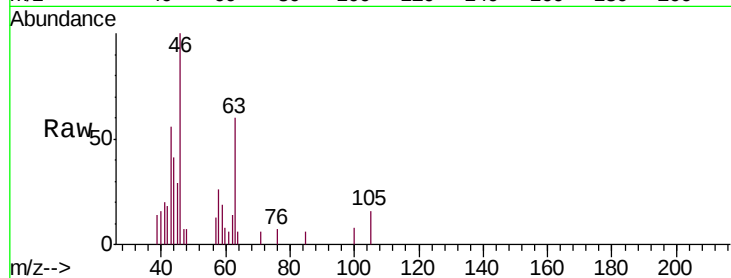
Acq: 20 Jul 2018 16:27

Instrument :

MSVOA_V

ClientSampleId :

C0AA3



Tgt Ion:	43	Resp:	1727
Ion	Ratio	Lower	Upper
43	100		
58	56.0	48.2	72.2
57	20.8	16.2	24.4
100	4.6	11.0	16.4#

