

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV072018\
 Data File : VV006673.D
 Acq On : 20 Jul 2018 18:16
 Operator : SY/MD
 Sample : J3983-19DL 4X
 Misc : 25 mL/MSVOA_V/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00572

Quant Time: Jul 26 02:10:33 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	230856	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	218789	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	102077	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	78291	4.83	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	96.60%
7) Chloroethane-d5	1.58	69	56891	5.20	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	104.00%
11) 1,1-Dichloroethene-d2	2.13	63	107289	3.44	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.80%
20) 2-Butanone-d5	3.95	46	160037	45.48	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	90.96%
24) Chloroform-d	4.41	84	134191	4.88	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.60%
26) 1,2-Dichloroethane-d4	5.09	65	62908	4.89	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.80%
32) Benzene-d6	5.10	84	286490	4.82	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.40%
36) 1,2-Dichloropropane-d6	6.12	67	89258	4.84	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.80%
41) Toluene-d8	7.36	98	264071	4.78	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.60%
43) trans-1,3-Dichloropropene-	7.67	79	29764	4.76	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.20%
46) 2-Hexanone-d5	8.14	63	149877	48.08	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.16%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	62265	4.64	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.80%
64) 1,2-Dichlorobenzene-d4	11.68	152	92577	5.04	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.80%

Target Compounds

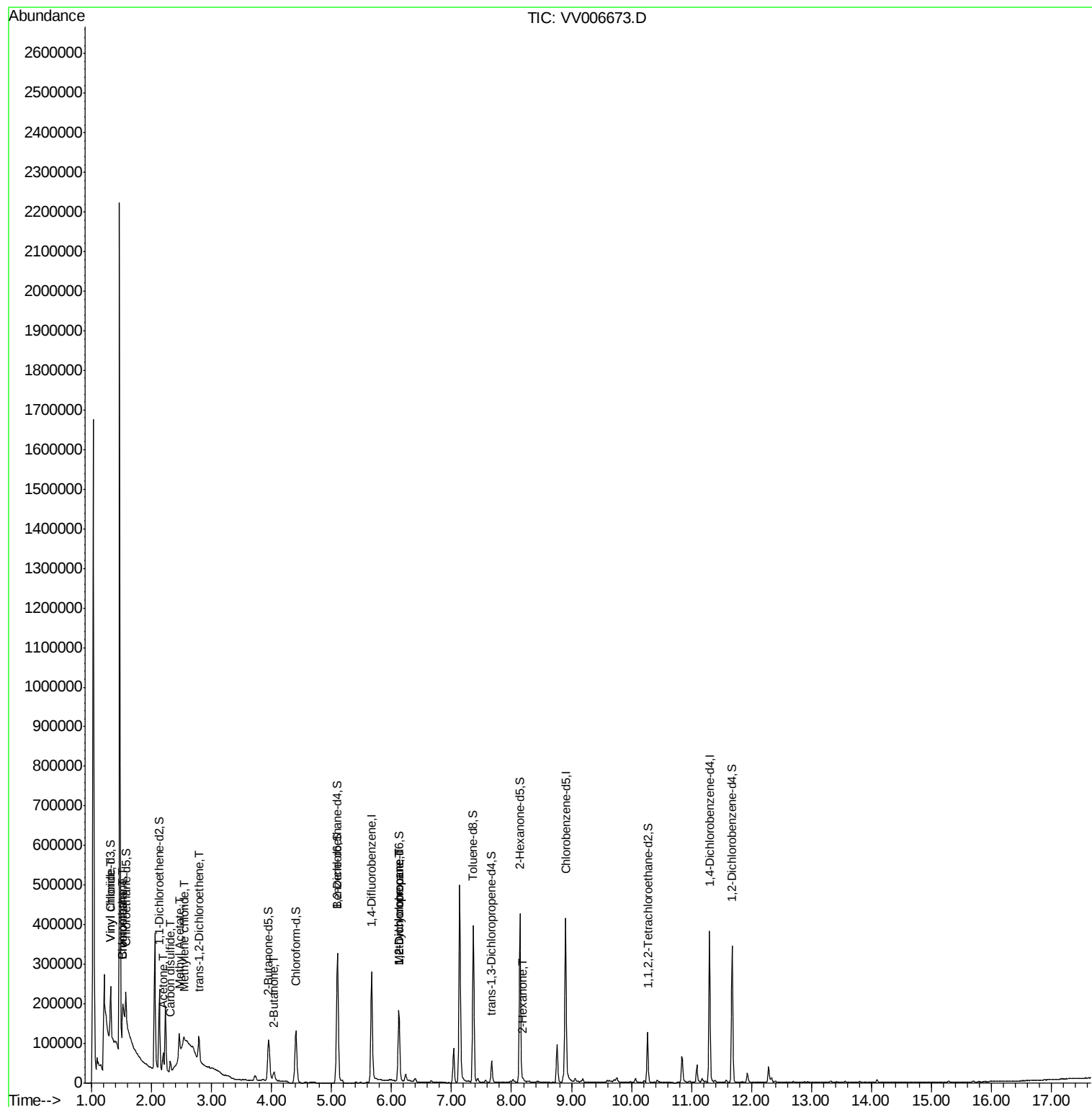
					Qvalue
5) Vinyl chloride	1.32	62	27632	1.153 ug/L #	1
6) Bromomethane	1.52	94	1613	0.237 ug/L	94
8) Chloroethane	1.51	64	11589	0.841 ug/L #	53
13) Acetone	2.19	43	39703	14.712 ug/L	96
14) Carbon disulfide	2.32	76	16275	0.294 ug/L	98
15) Methyl Acetate	2.46	43	62344	7.874 ug/L	99
16) Methylene chloride	2.54	84	5368	0.250 ug/L	91
18) trans-1,2-Dichloroethene	2.79	96	22292	1.183 ug/L	97
21) 2-Butanone	4.04	43	32518	7.194 ug/L	98
35) Methylcyclohexane	6.12	83	21402	0.659 ug/L #	18
37) 1,2-Dichloropropane	6.12	63	9288	0.473 ug/L #	86
48) 2-Hexanone	8.20	43	2537	0.342 ug/L #	84

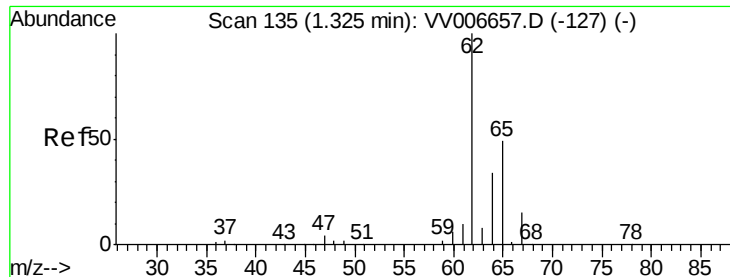
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Jul 26 02:08:26 2018
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 1.153 ug/L

RT: 1.32 min Scan# 134

Delta R.T. -0.00 min

Lab File: VV006673.D

Acq: 20 Jul 2018 18:16

Instrument :

MSVOA_V

ClientSampled :

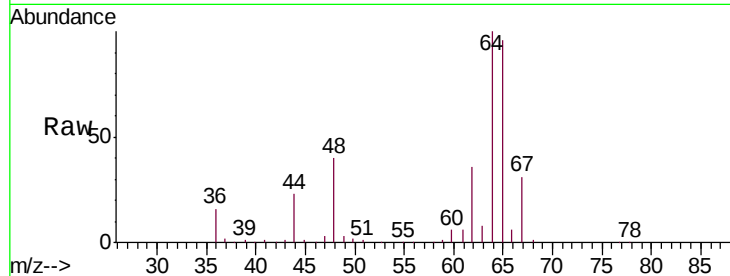
VSTD00572

Tgt Ion: 62 Resp: 27632

Ion Ratio Lower Upper

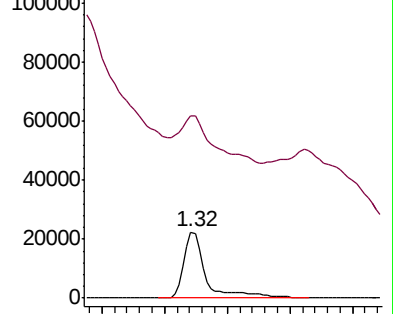
62 100

64 275.6 23.7 44.1#

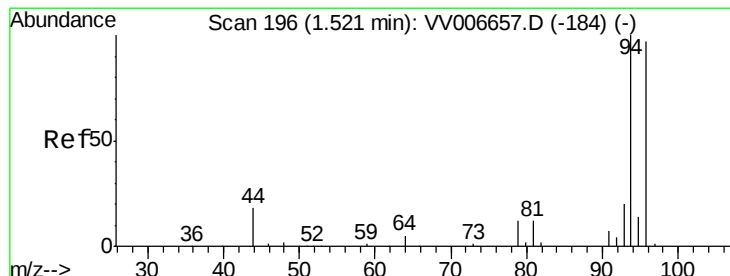
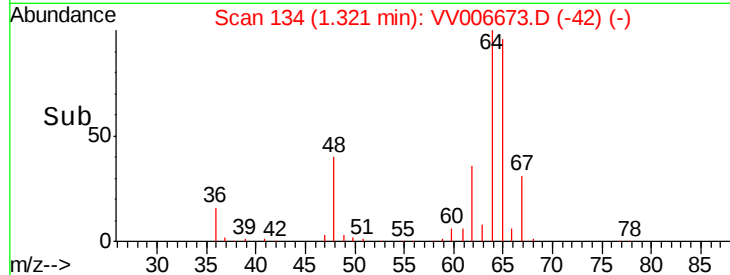


Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 64.10 (63.80 to 64.80): VV0



Time-->



#6

Bromomethane

Concen: 0.237 ug/L

RT: 1.52 min Scan# 197

Delta R.T. 0.00 min

Lab File: VV006673.D

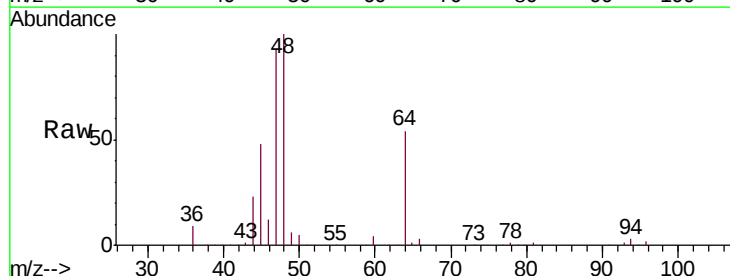
Acq: 20 Jul 2018 18:16

Tgt Ion: 94 Resp: 1613

Ion Ratio Lower Upper

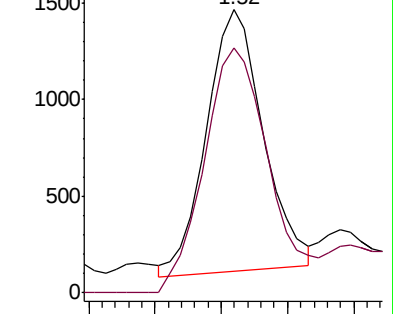
94 100

96 86.3 64.5 119.7

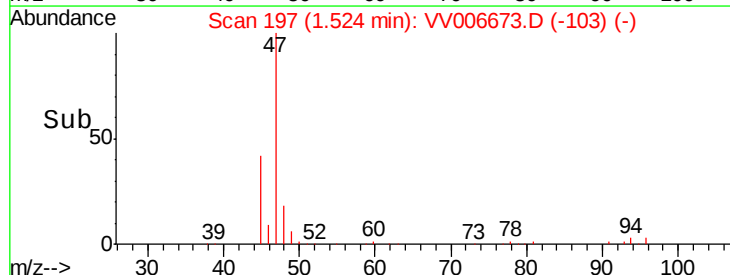


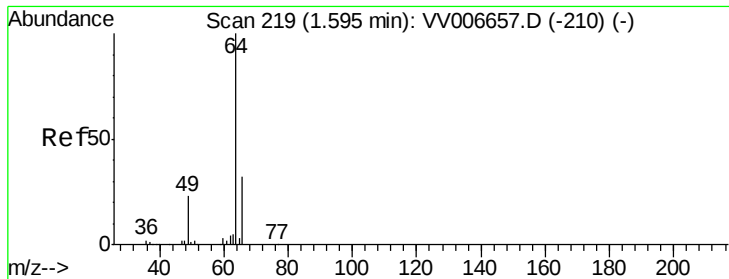
Abundance Ion 94.00 (93.70 to 94.70): VV0

Ion 96.00 (95.70 to 96.70): VV0



Time-->

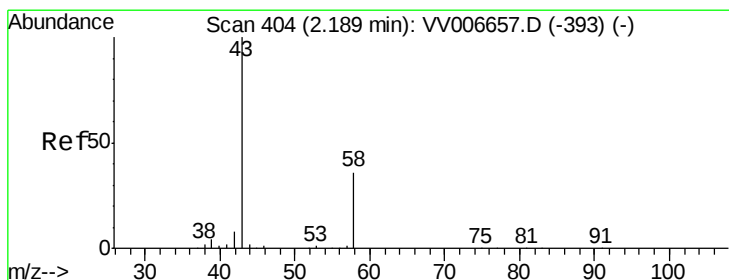
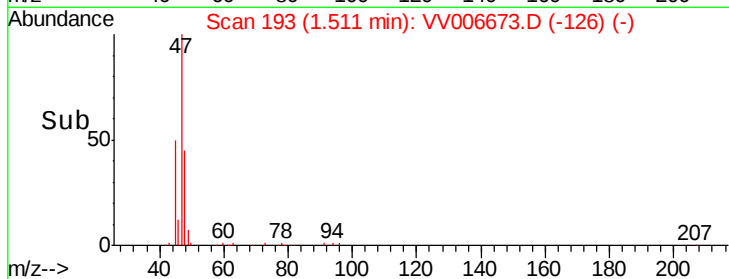
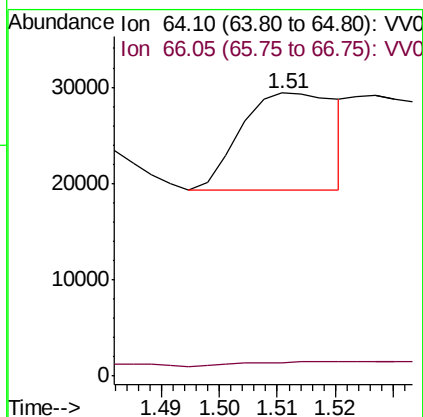
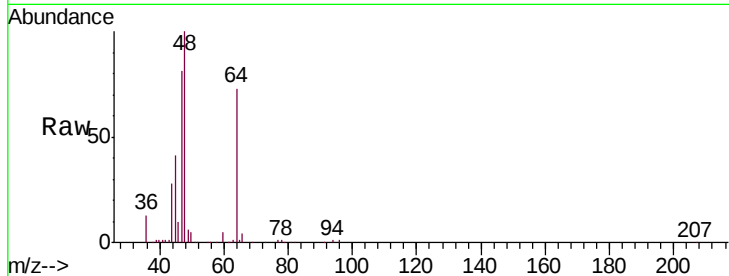




#8
Chloroethane
Concen: 0.841 ug/L
RT: 1.51 min Scan# 193
Delta R.T. -0.08 min
Lab File: VV006673.D
Acq: 20 Jul 2018 18:16

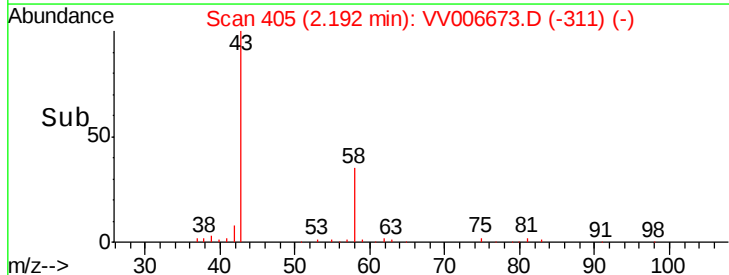
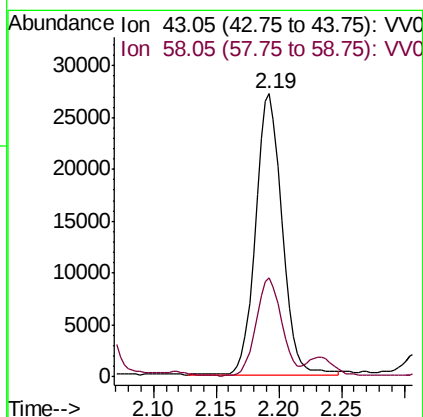
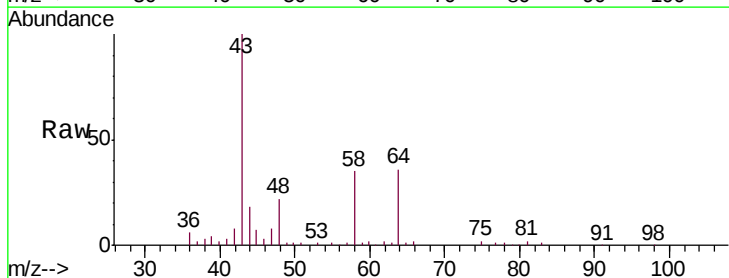
Instrument :
MSVOA_V
ClientSampleId :
VSTD00572

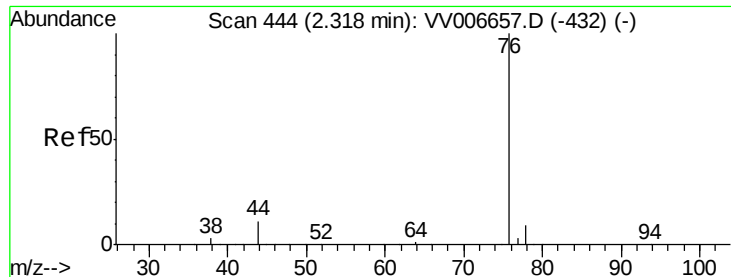
Tgt Ion: 64 Resp: 11589
Ion Ratio Lower Upper
64 100
66 4.9 21.1 39.3#



#13
Acetone
Concen: 14.712 ug/L
RT: 2.19 min Scan# 405
Delta R.T. 0.00 min
Lab File: VV006673.D
Acq: 20 Jul 2018 18:16

Tgt Ion: 43 Resp: 39703
Ion Ratio Lower Upper
43 100
58 34.3 0.0 72.8





#14

Carbon disulfide

Concen: 0.294 ug/L

RT: 2.32 min Scan# 445

Delta R.T. 0.00 min

Lab File: VV006673.D

Acq: 20 Jul 2018 18:16

Instrument :

MSVOA_V

ClientSampleId :

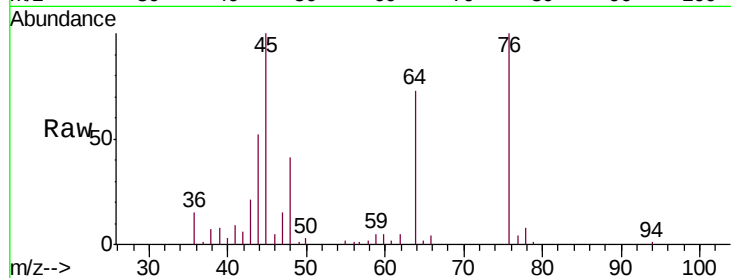
VSTD00572

Tgt Ion: 76 Resp: 16275

Ion Ratio Lower Upper

76 100

78 8.3 7.3 10.9



Abundance Ion 76.05 (75.75 to 76.75): VV0

Ion 78.00 (77.70 to 78.70): VV0

12000

10000

8000

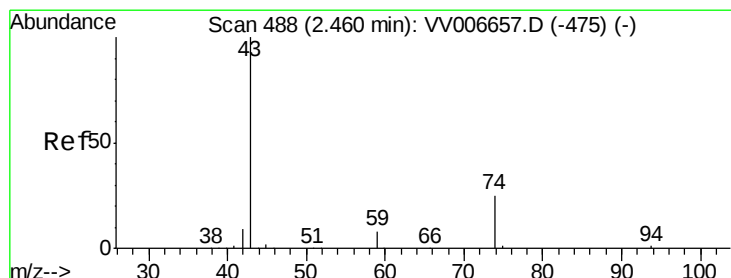
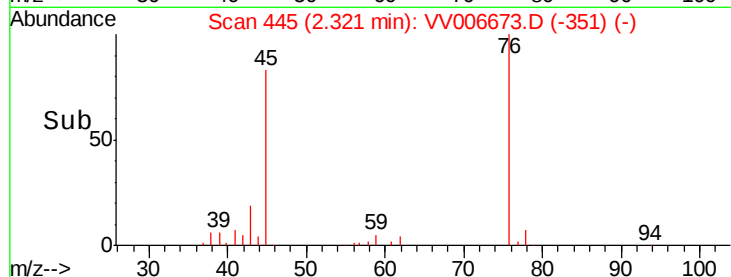
6000

4000

2000

0

Time--> 2.26 2.28 2.30 2.32 2.34



#15

Methyl Acetate

Concen: 7.874 ug/L

RT: 2.46 min Scan# 489

Delta R.T. 0.00 min

Lab File: VV006673.D

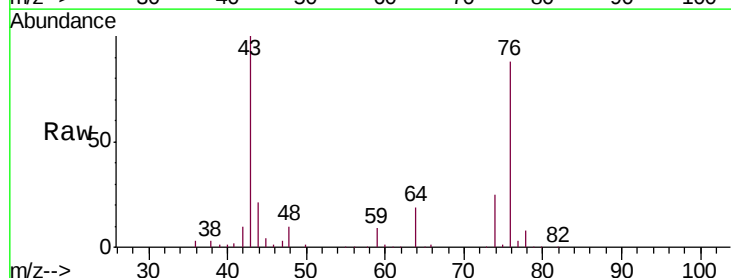
Acq: 20 Jul 2018 18:16

Tgt Ion: 43 Resp: 62344

Ion Ratio Lower Upper

43 100

74 24.8 20.3 30.5



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 74.05 (73.75 to 74.75): VV0

40000

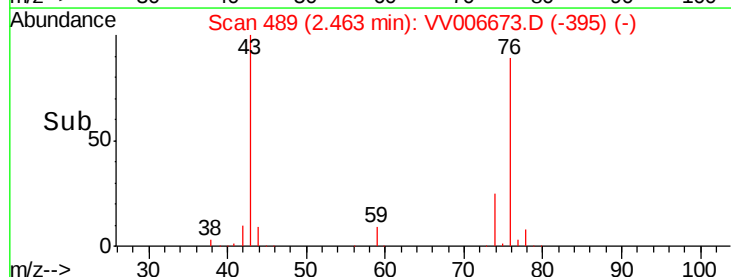
30000

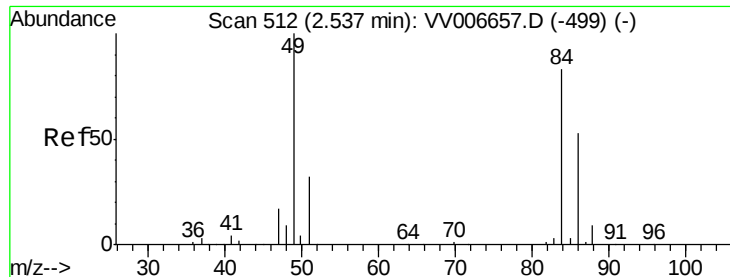
20000

10000

0

Time--> 2.40 2.45 2.50 2.55

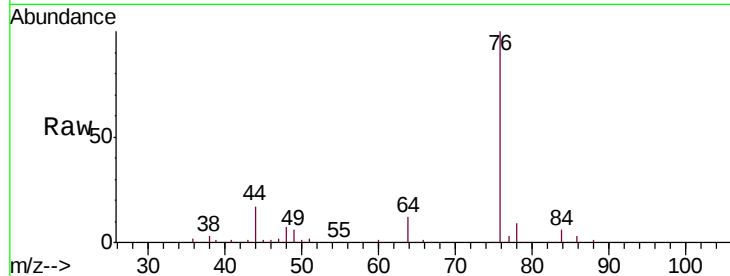




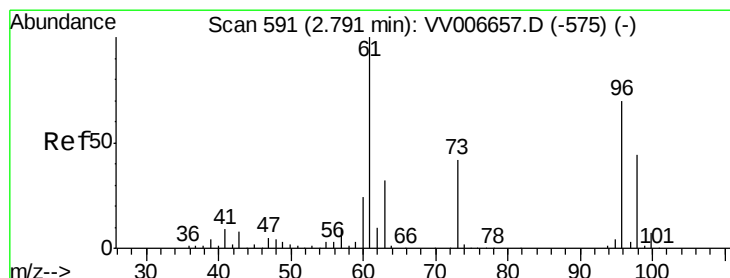
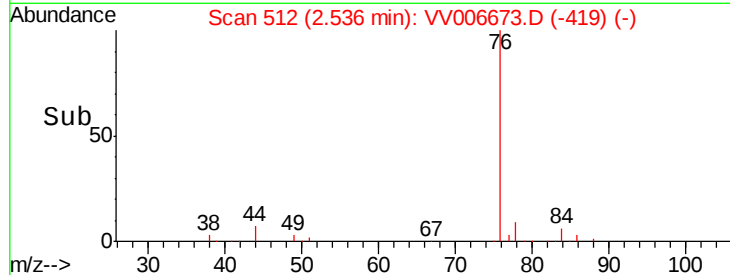
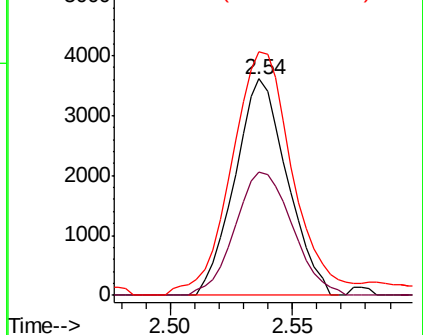
#16
Methylene chloride
Concen: 0.250 ug/L
RT: 2.54 min Scan# 512
Delta R.T. -0.00 min
Lab File: VV006673.D
Acq: 20 Jul 2018 18:16

Instrument :
MSVOA_V
ClientSampleId :
VSTD00572

Tgt Ion: 84 Resp: 5368
Ion Ratio Lower Upper
84 100
86 56.9 45.4 84.2
49 112.4 85.1 158.1

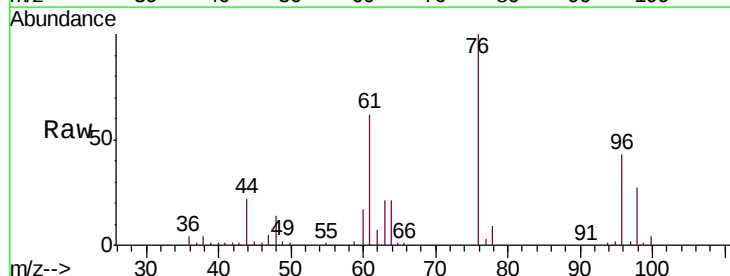


Abundance Ion 84.05 (83.75 to 84.75): VV0
Ion 86.00 (85.70 to 86.70): VV0
Ion 49.10 (48.80 to 49.80): VV0

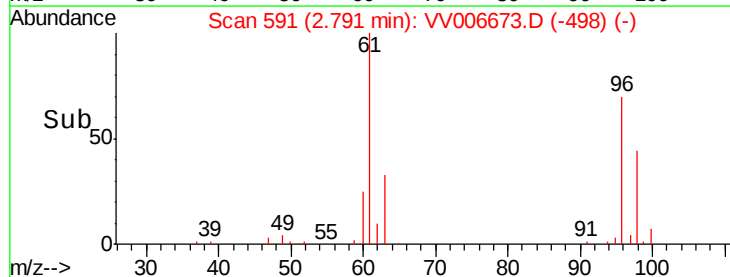
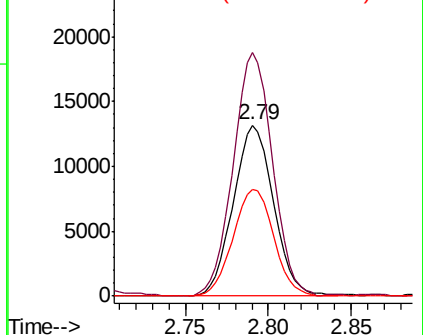


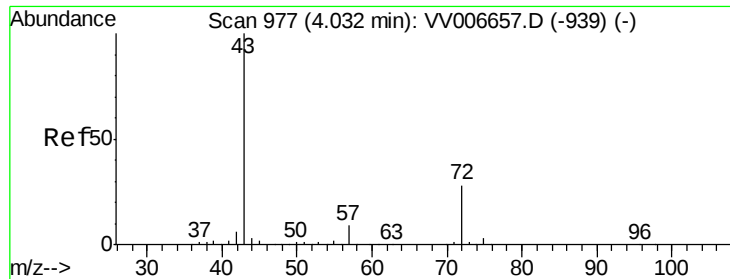
#18
trans-1,2-Dichloroethene
Concen: 1.183 ug/L
RT: 2.79 min Scan# 591
Delta R.T. -0.00 min
Lab File: VV006673.D
Acq: 20 Jul 2018 18:16

Tgt Ion: 96 Resp: 22292
Ion Ratio Lower Upper
96 100
61 142.2 96.0 178.4
98 62.6 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: 7.194 ug/L

RT: 4.04 min Scan# 980

Delta R.T. 0.01 min

Lab File: VV006673.D

Acq: 20 Jul 2018 18:16

Instrument :

MSVOA_V

ClientSampleId :

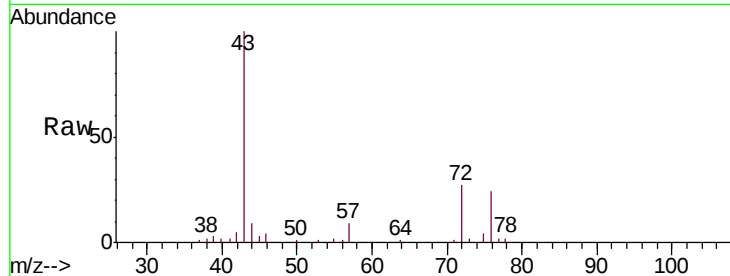
VSTD00572

Tgt Ion: 43 Resp: 32518

Ion Ratio Lower Upper

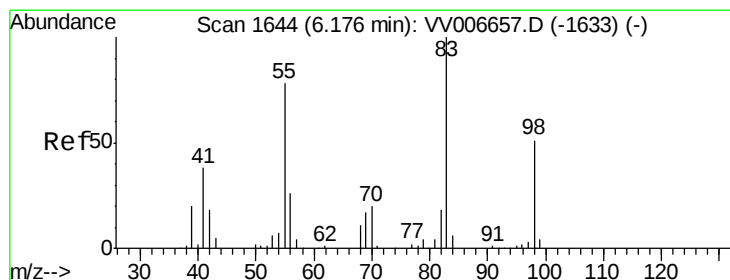
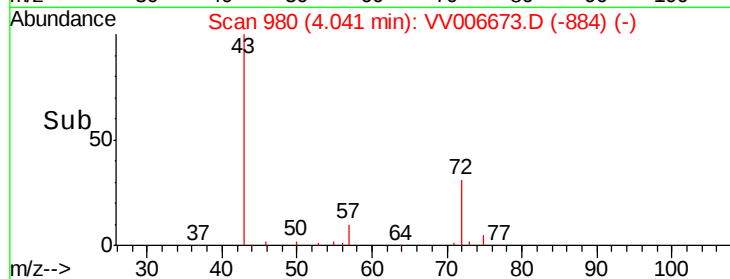
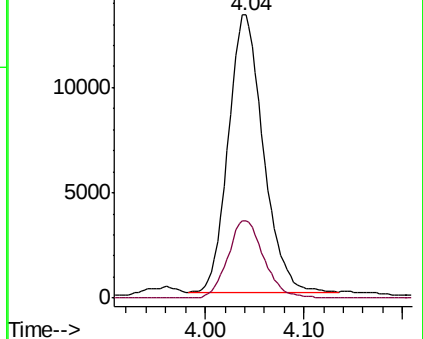
43 100

72 28.7 13.9 41.6



Abundance Ion 43.05 (42.75 to 43.75): VV006673.D (-980) (-)

Ion 72.10 (71.80 to 72.80): VV006673.D (-980) (-)



#35

Methylcyclohexane

Concen: 0.659 ug/L

RT: 6.12 min Scan# 1628

Delta R.T. -0.05 min

Lab File: VV006673.D

Acq: 20 Jul 2018 18:16

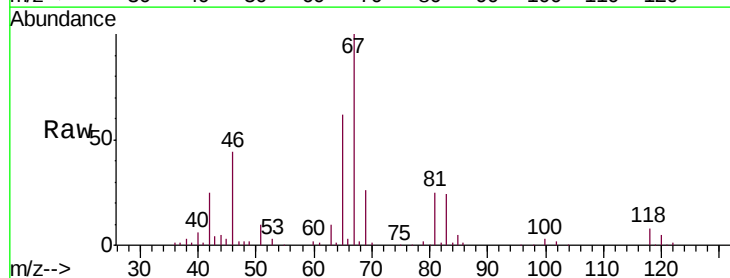
Tgt Ion: 83 Resp: 21402

Ion Ratio Lower Upper

83 100

55 0.5 61.3 91.9#

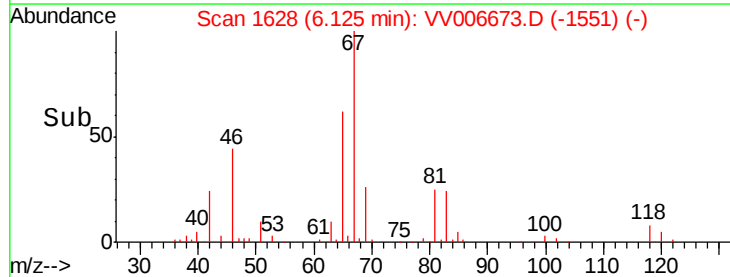
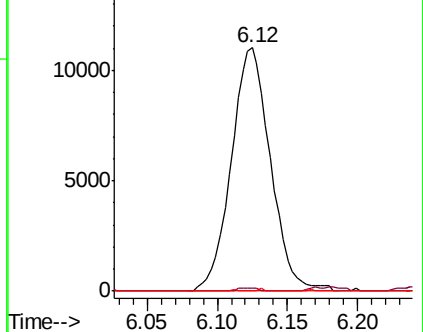
98 0.1 39.4 59.0#

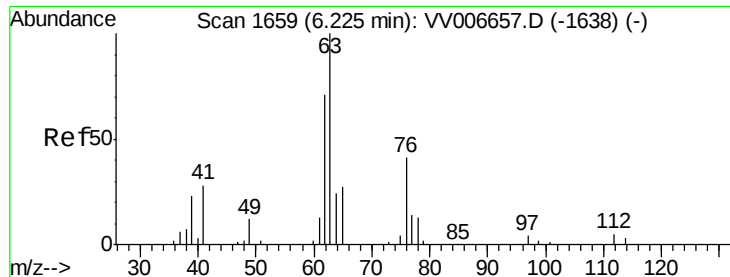


Abundance Ion 83.15 (82.85 to 83.85): VV006673.D (-1628) (-)

Ion 55.10 (54.80 to 55.80): VV006673.D (-1628) (-)

Ion 98.15 (97.85 to 98.85): VV006673.D (-1628) (-)

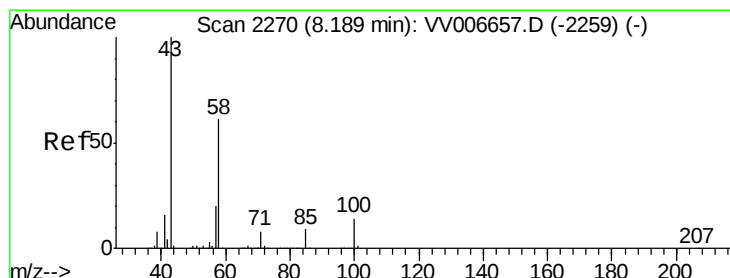
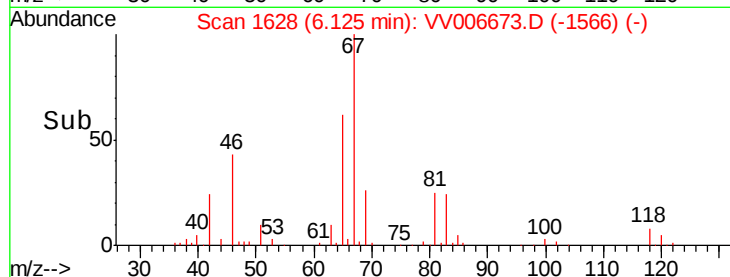
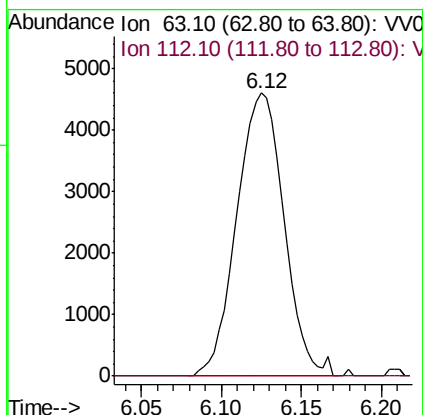
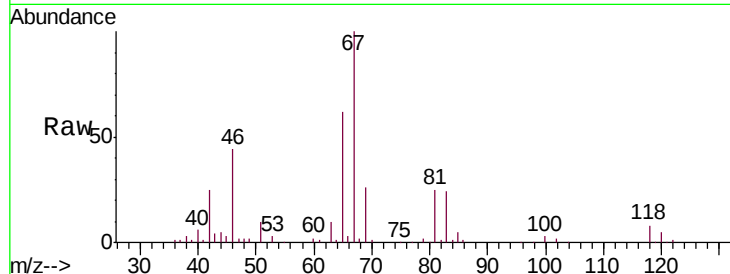




#37
 1,2-Dichloropropane
 Concen: 0.473 ug/L
 RT: 6.12 min Scan# 1628
 Delta R.T. -0.10 min
 Lab File: VV006673.D
 Acq: 20 Jul 2018 18:16

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00572

Tgt Ion: 63 Resp: 9288
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.6 5.4#



#48
 2-Hexanone
 Concen: 0.342 ug/L
 RT: 8.20 min Scan# 2272
 Delta R.T. 0.01 min
 Lab File: VV006673.D
 Acq: 20 Jul 2018 18:16

Tgt Ion: 43 Resp: 2537
 Ion Ratio Lower Upper
 43 100
 58 76.5 48.2 72.2#
 57 23.1 16.2 24.4
 100 17.6 11.0 16.4#

