

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV072018\
 Data File : VV006667.D
 Acq On : 20 Jul 2018 15:05
 Operator : SY/MD
 Sample : J3983-06RE
 Misc : 25 mL/MSVOA_V/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 DB171

Quant Time: Jul 26 02:09:56 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	243358	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	224849	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	108735	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	80523	4.72	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.40%
7) Chloroethane-d5	1.58	69	65814	5.71	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	114.20%
11) 1,1-Dichloroethene-d2	2.13	63	112146	3.42	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.40%
20) 2-Butanone-d5	3.96	46	156879	42.29	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	84.58%
24) Chloroform-d	4.41	84	139385	4.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.00%
26) 1,2-Dichloroethane-d4	5.09	65	65288	4.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.20%
32) Benzene-d6	5.10	84	296360	4.85	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.00%
36) 1,2-Dichloropropane-d6	6.12	67	94194	4.97	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.40%
41) Toluene-d8	7.36	98	267355	4.71	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.20%
43) trans-1,3-Dichloropropene-	7.67	79	30447	4.74	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.80%
46) 2-Hexanone-d5	8.14	63	141253	44.09	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	88.18%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	64074	4.65	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.00%
64) 1,2-Dichlorobenzene-d4	11.68	152	96480	4.93	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.60%

Target Compounds

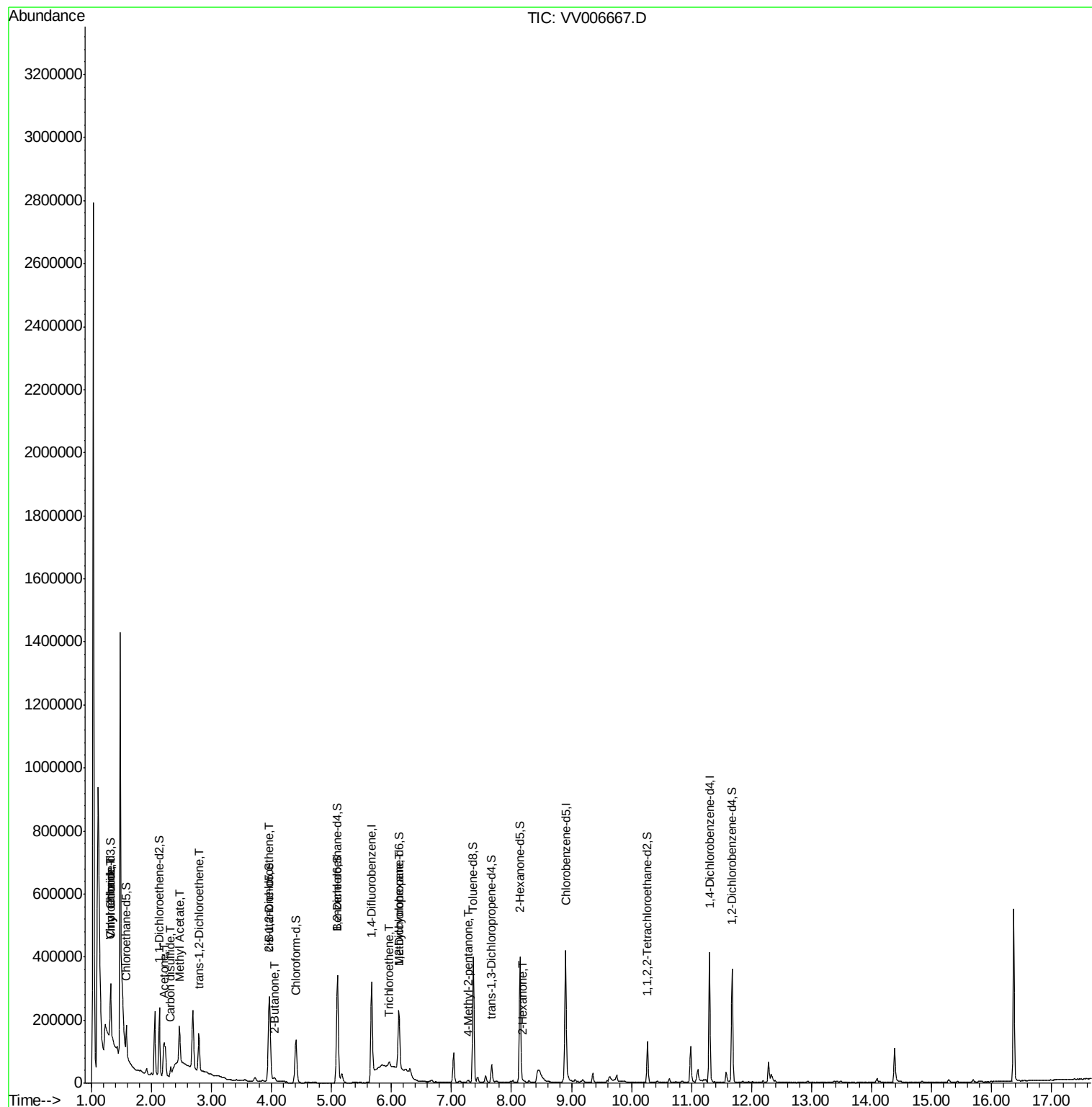
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Vinyl chloride	1.32	62	59199	2.342	ug/L #	1
8) Chloroethane	1.32	64	50308	3.465	ug/L #	55
13) Acetone	2.21	43	123728	43.493	ug/L	100
14) Carbon disulfide	2.32	76	39871	0.682	ug/L	99
15) Methyl Acetate	2.47	43	124587	14.927	ug/L	100
18) trans-1,2-Dichloroethene	2.79	96	44008	2.216	ug/L	98
21) 2-Butanone	4.05	43	16586	3.481	ug/L	97
22) cis-1,2-Dichloroethene	3.97	96	102451	4.928	ug/L	100
34) Trichloroethene	5.96	95	4789	0.239	ug/L	96
35) Methylcyclohexane	6.12	83	21883	0.655	ug/L #	18
40) 4-Methyl-2-pentanone	7.28	43	3338	0.306	ug/L #	76
48) 2-Hexanone	8.19	43	1617	0.212	ug/L	96

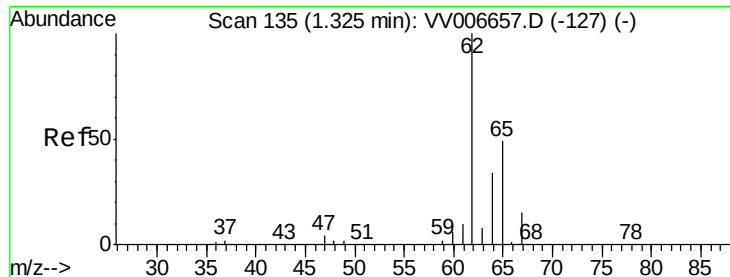
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV072018\
Data File : VV006667.D
Acq On : 20 Jul 2018 15:05
Operator : SY/MD
Sample : J3983-06RE
Misc : 25 mL/MSVOA_V/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DB171

Quant Time: Jul 26 02:09:56 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: 2.342 ug/L

RT: 1.32 min Scan# 134

Delta R.T. -0.00 min

Lab File: VV006667.D

Acq: 20 Jul 2018 15:05

Instrument :

MSVOA_V

ClientSampleId :

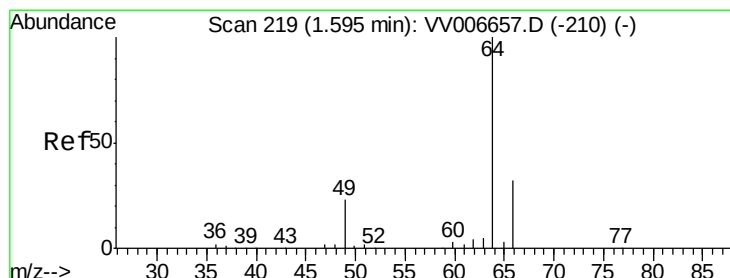
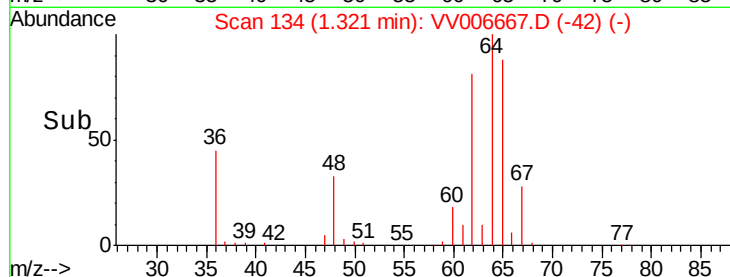
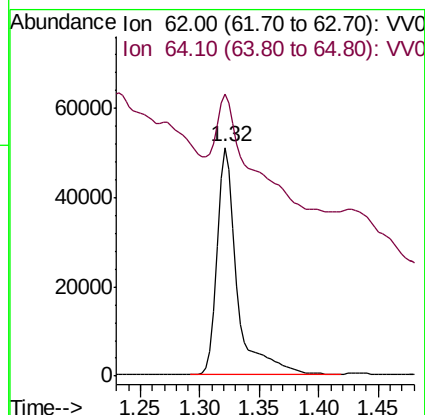
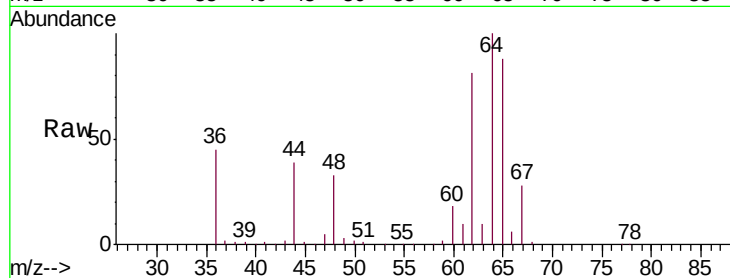
DB171

Tgt Ion: 62 Resp: 59199

Ion Ratio Lower Upper

62 100

64 123.4 23.7 44.1#



#8

Chloroethane

Concen: 3.465 ug/L

RT: 1.32 min Scan# 134

Delta R.T. -0.27 min

Lab File: VV006667.D

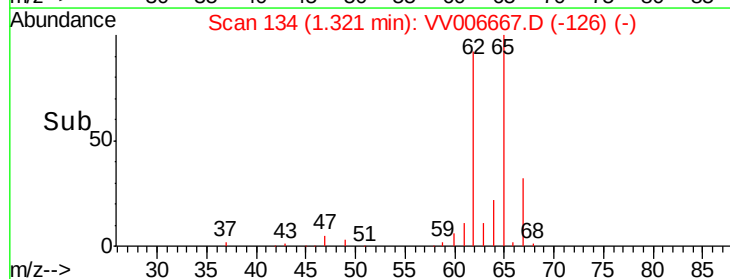
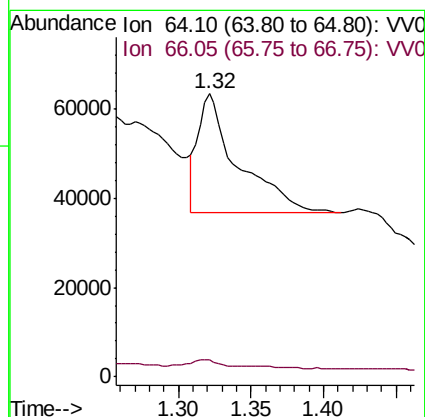
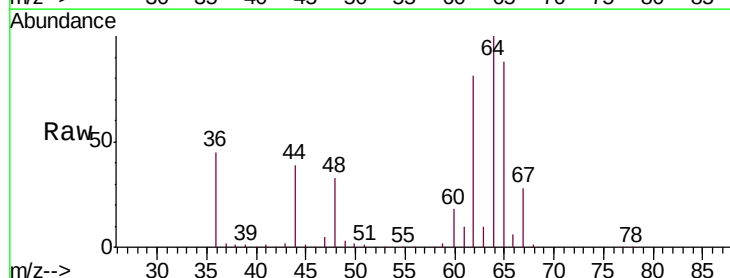
Acq: 20 Jul 2018 15:05

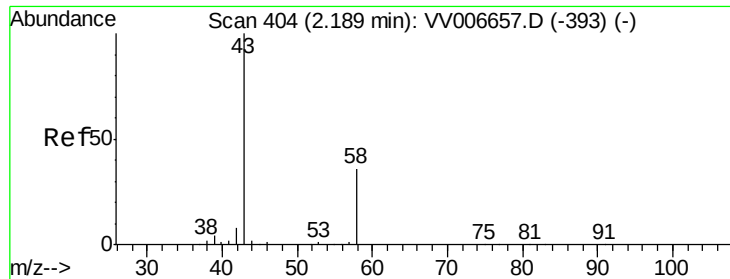
Tgt Ion: 64 Resp: 50308

Ion Ratio Lower Upper

64 100

66 5.9 21.1 39.3#





#13

Acetone

Concen: 43.493 ug/L

RT: 2.21 min Scan# 409

Delta R.T. 0.02 min

Lab File: VV006667.D

Acq: 20 Jul 2018 15:05

Instrument :

MSVOA_V

ClientSampleId :

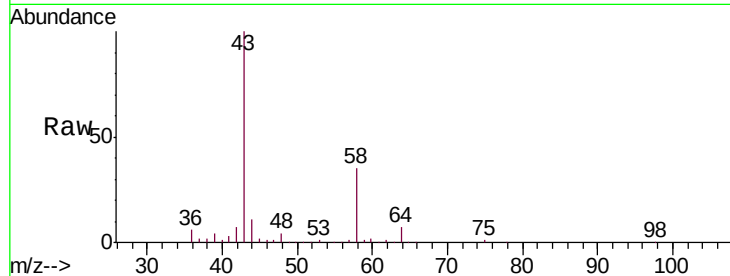
DB171

Tgt Ion: 43 Resp: 123728

Ion Ratio Lower Upper

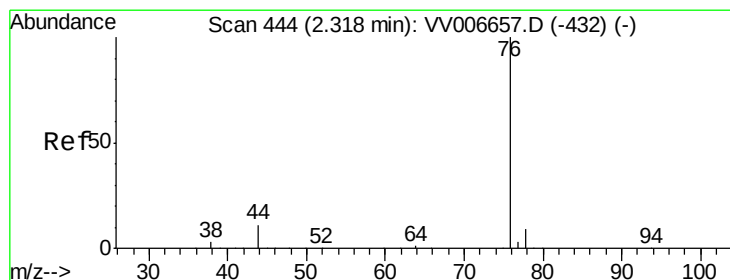
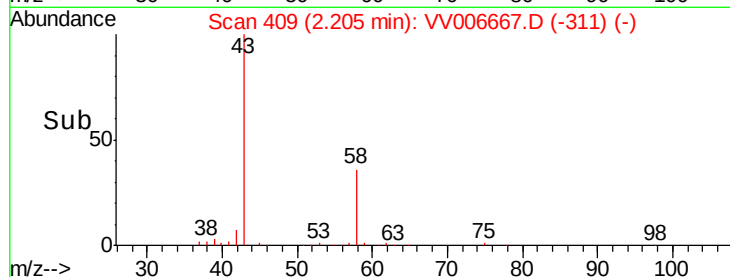
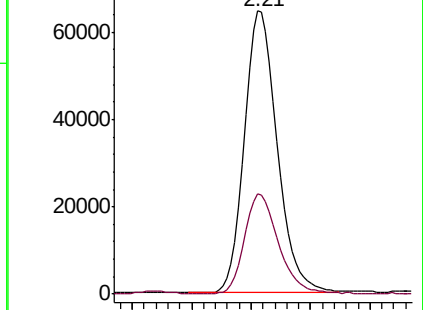
43 100

58 36.3 0.0 72.8



Abundance Ion 43.05 (42.75 to 43.75): VV006667.D (-393) (-)

Ion 58.05 (57.75 to 58.75): VV006667.D (-393) (-)



#14

Carbon disulfide

Concen: 0.682 ug/L

RT: 2.32 min Scan# 445

Delta R.T. 0.00 min

Lab File: VV006667.D

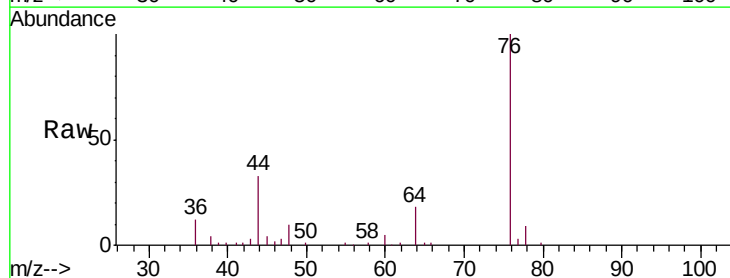
Acq: 20 Jul 2018 15:05

Tgt Ion: 76 Resp: 39871

Ion Ratio Lower Upper

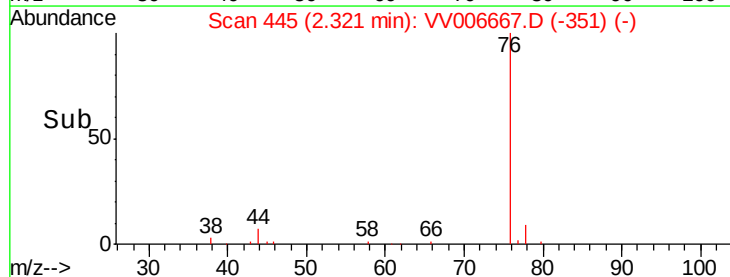
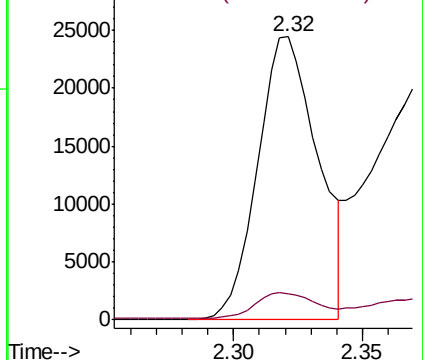
76 100

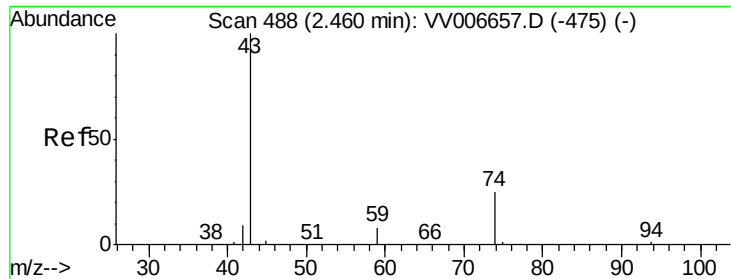
78 9.4 7.3 10.9



Abundance Ion 76.05 (75.75 to 76.75): VV006667.D (-432) (-)

Ion 78.00 (77.70 to 78.70): VV006667.D (-432) (-)

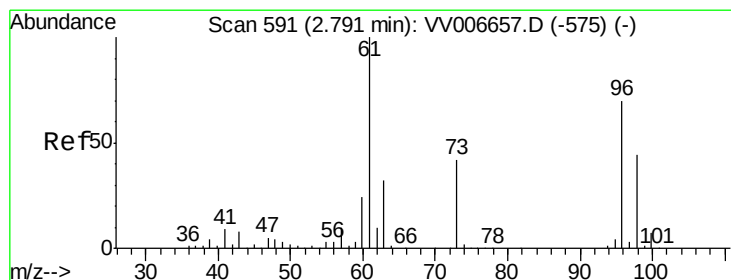
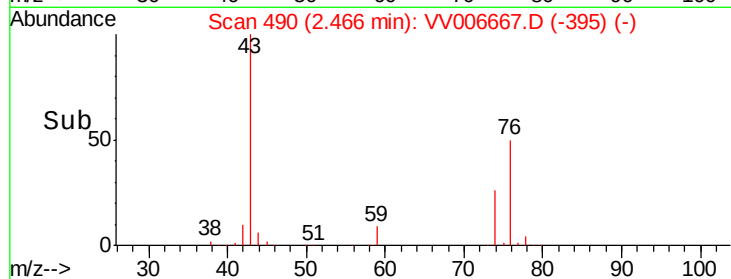
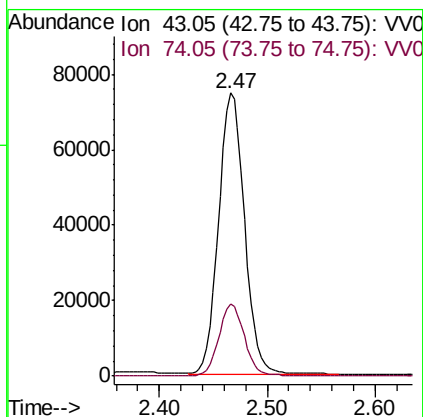
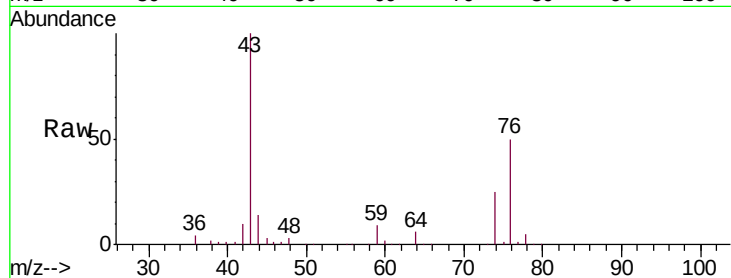




#15
Methyl Acetate
Concen: 14.927 ug/L
RT: 2.47 min Scan# 490
Delta R.T. 0.01 min
Lab File: VV006667.D
Acq: 20 Jul 2018 15:05

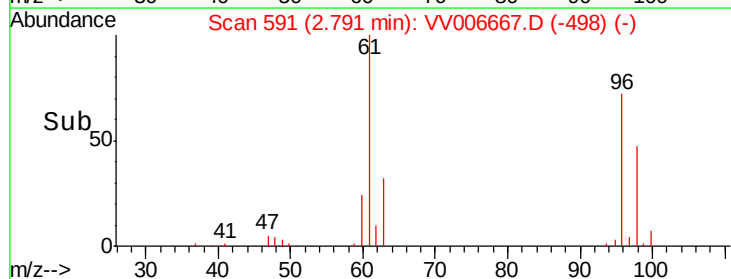
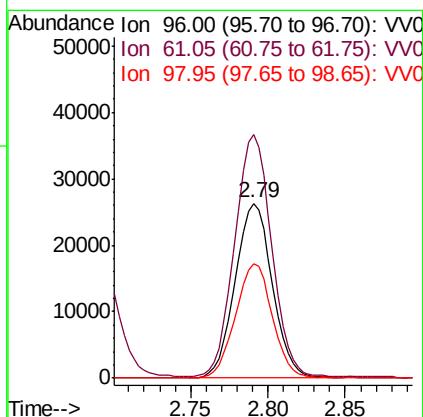
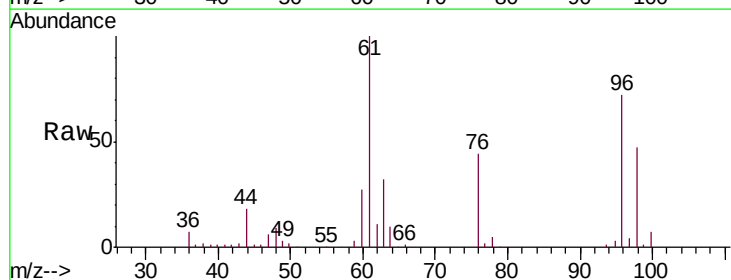
Instrument :
MSVOA_V
ClientSampled :
DB171

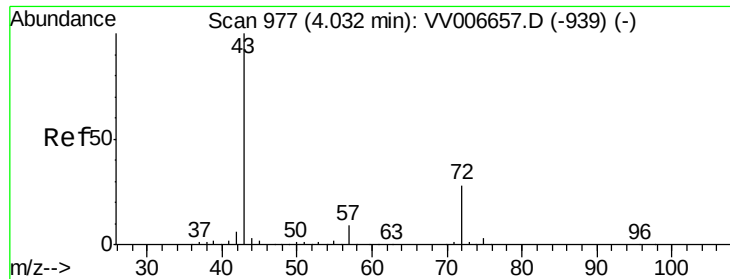
Tgt Ion: 43 Resp: 124587
Ion Ratio Lower Upper
43 100
74 25.4 20.3 30.5



#18
trans-1,2-Dichloroethene
Concen: 2.216 ug/L
RT: 2.79 min Scan# 591
Delta R.T. -0.00 min
Lab File: VV006667.D
Acq: 20 Jul 2018 15:05

Tgt Ion: 96 Resp: 44008
Ion Ratio Lower Upper
96 100
61 139.3 96.0 178.4
98 65.3 43.5 80.9





#21

2-Butanone

Concen: 3.481 ug/L

RT: 4.05 min Scan# 983

Delta R.T. 0.02 min

Lab File: VV006667.D

Acq: 20 Jul 2018 15:05

Instrument :

MSVOA_V

ClientSampled :

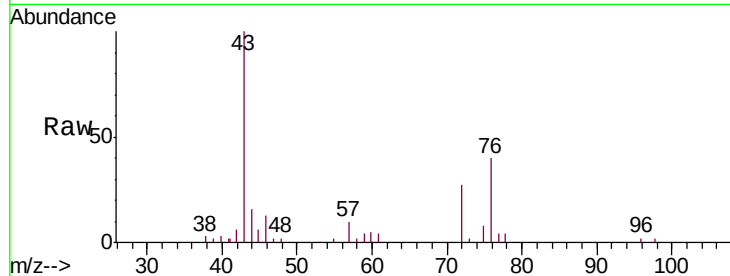
DB171

Tgt Ion: 43 Resp: 16586

Ion Ratio Lower Upper

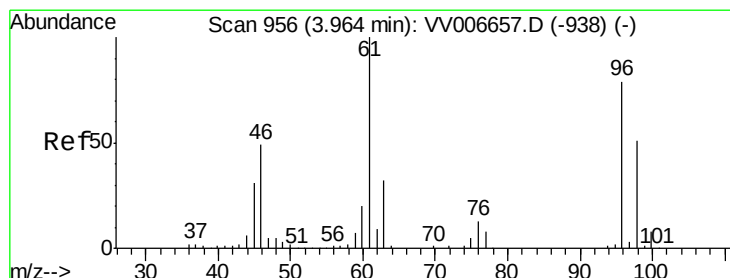
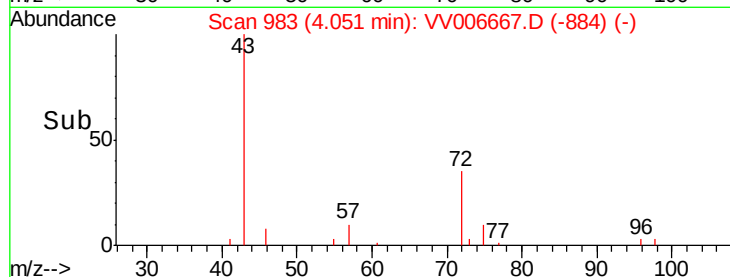
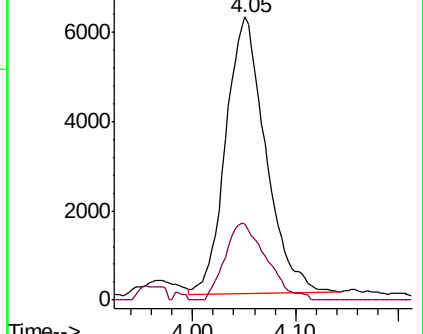
43 100

72 29.0 13.9 41.6



Abundance Ion 43.05 (42.75 to 43.75): VV006667.D (-984) (-)

Ion 72.10 (71.80 to 72.80): VV006667.D (-984) (-)



#22

cis-1,2-Dichloroethene

Concen: 4.928 ug/L

RT: 3.97 min Scan# 957

Delta R.T. 0.00 min

Lab File: VV006667.D

Acq: 20 Jul 2018 15:05

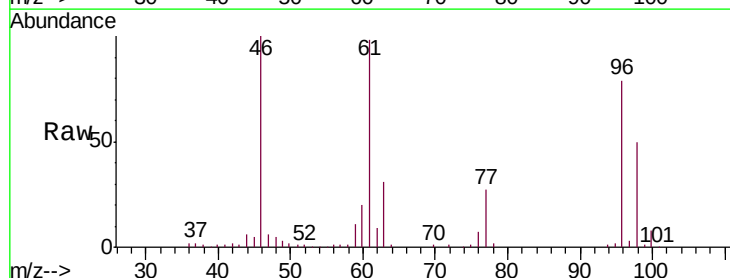
Tgt Ion: 96 Resp: 102451

Ion Ratio Lower Upper

96 100

61 123.6 86.2 160.0

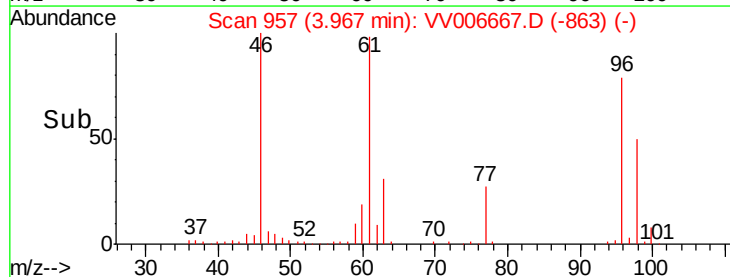
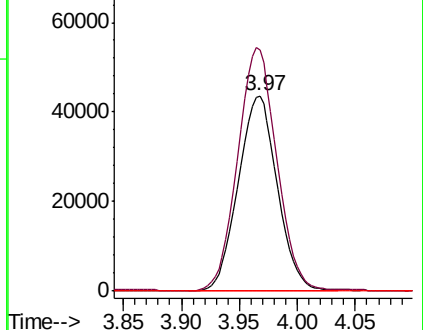
68 0.0 0.0 0.0

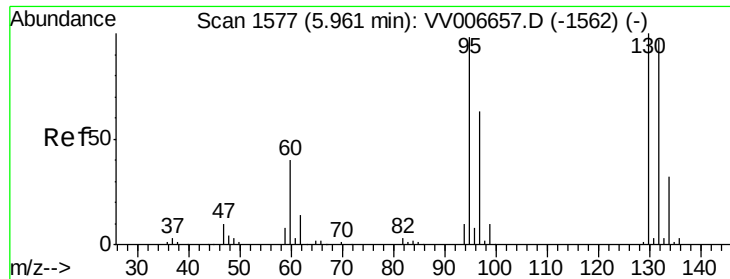


Abundance Ion 96.00 (95.70 to 96.70): VV006667.D (-863) (-)

Ion 61.05 (60.75 to 61.75): VV006667.D (-863) (-)

Ion 68.15 (67.85 to 68.85): VV006667.D (-863) (-)





#34

Trichloroethene

Concen: 0.239 ug/L

RT: 5.96 min Scan# 1578

Delta R.T. 0.00 min

Lab File: VV006667.D

Acq: 20 Jul 2018 15:05

Instrument :

MSVOA_V

ClientSampleId :

DB171

Tgt Ion: 95 Resp: 4789

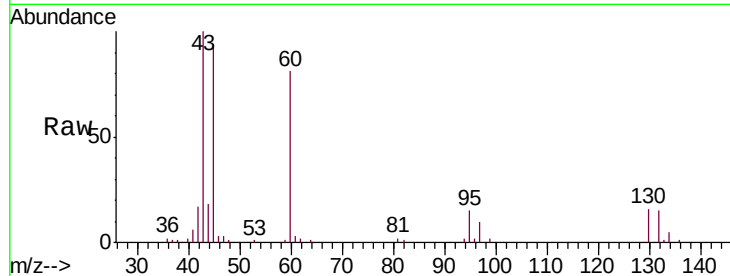
Ion Ratio Lower Upper

95 100

97 67.2 45.3 84.1

132 97.4 70.3 130.7

130 100.7 73.7 136.9

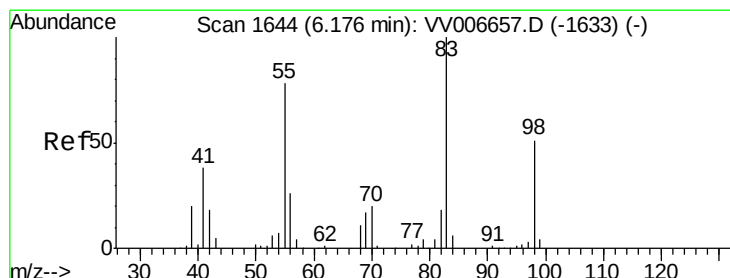
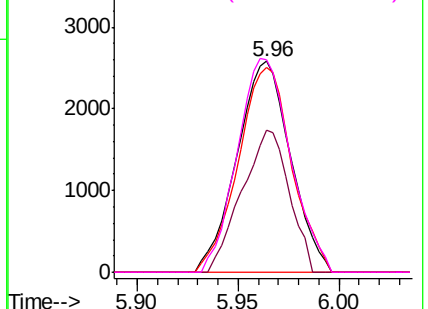
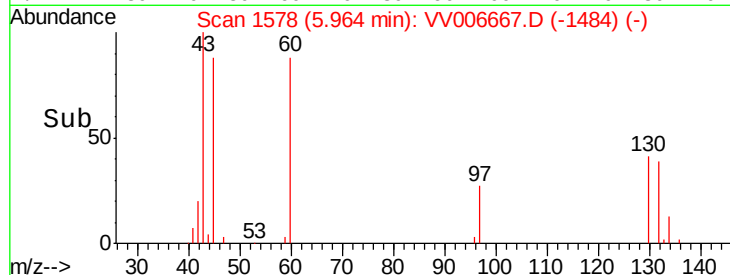


Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 96.95 (96.65 to 97.65): VV0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V



#35

Methylcyclohexane

Concen: 0.655 ug/L

RT: 6.12 min Scan# 1628

Delta R.T. -0.05 min

Lab File: VV006667.D

Acq: 20 Jul 2018 15:05

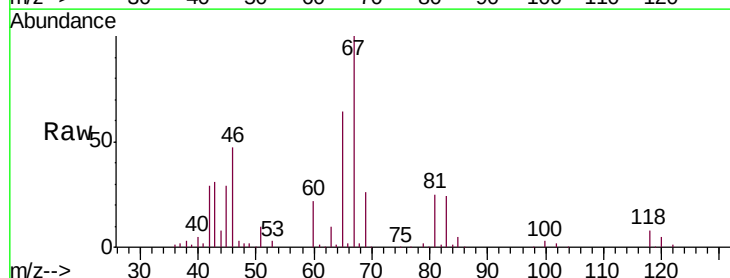
Tgt Ion: 83 Resp: 21883

Ion Ratio Lower Upper

83 100

55 0.3 61.3 91.9#

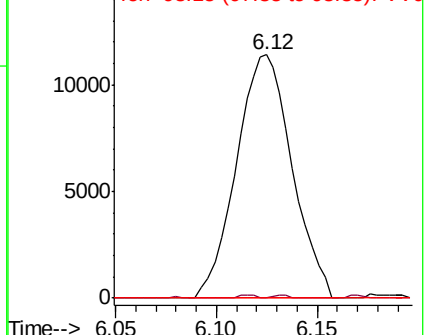
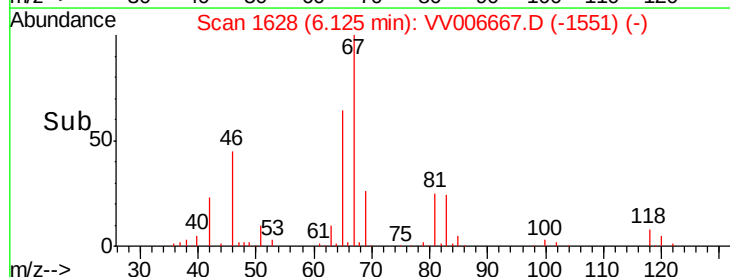
98 0.0 39.4 59.0#

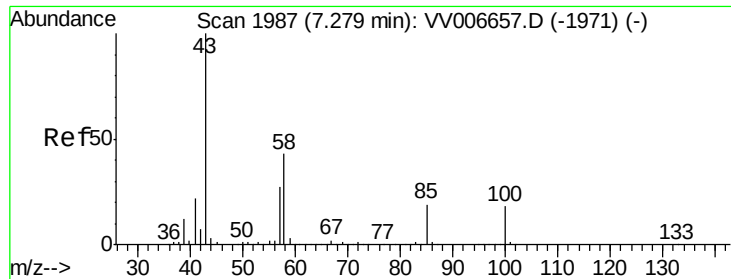


Abundance Ion 83.15 (82.85 to 83.85): VV0

Ion 55.10 (54.80 to 55.80): VV0

Ion 98.15 (97.85 to 98.85): VV0





#40

4-Methyl-2-pentanone

Concen: 0.306 ug/L

RT: 7.28 min Scan# 1986

Delta R.T. -0.00 min

Lab File: VV006667.D

Acq: 20 Jul 2018 15:05

Instrument :

MSVOA_V

ClientSampled :

DB171

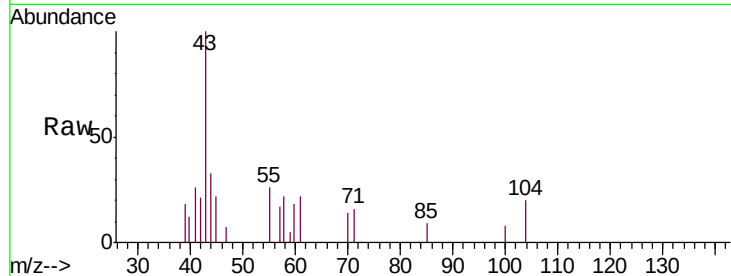
Tgt Ion: 43 Resp: 3338

Ion Ratio Lower Upper

43 100

58 31.3 33.6 50.4#

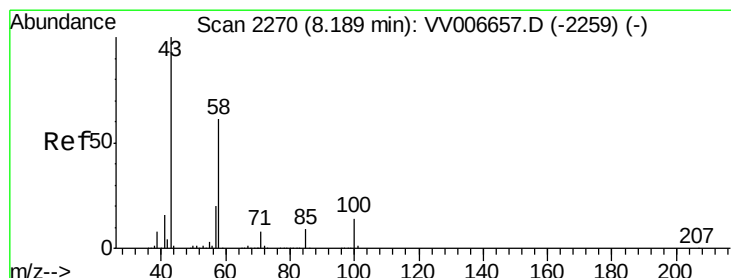
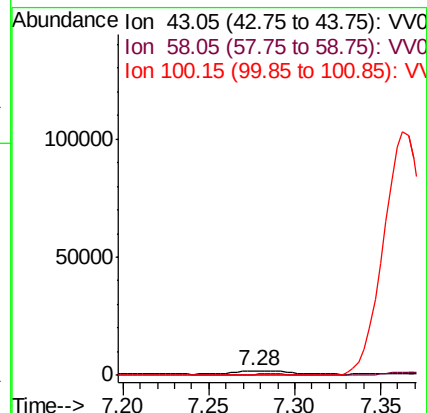
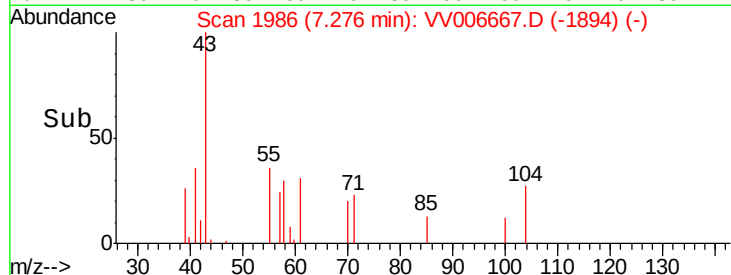
100 0.0 13.8 20.8#



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0

Ion 100.15 (99.85 to 100.85): VV0



#48

2-Hexanone

Concen: 0.212 ug/L

RT: 8.19 min Scan# 2271

Delta R.T. 0.00 min

Lab File: VV006667.D

Acq: 20 Jul 2018 15:05

Tgt Ion: 43 Resp: 1617

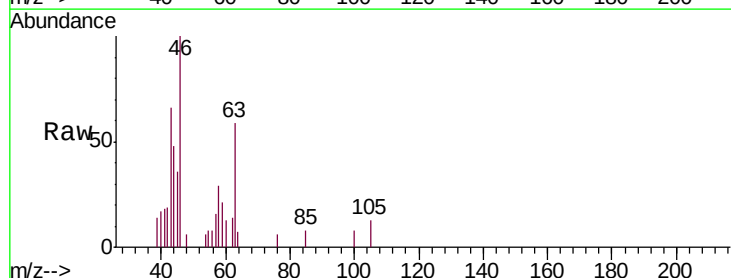
Ion Ratio Lower Upper

43 100

58 63.1 48.2 72.2

57 22.1 16.2 24.4

100 12.6 11.0 16.4



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

