

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV071818\
 Data File : VV006631.D
 Acq On : 18 Jul 2018 16:14
 Operator : SY/MD
 Sample : J3983-14
 Misc : 25 mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 DB193

Quant Time: Jul 19 02:40:11 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR071718WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Jul 19 02:39:44 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	257439	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	237331	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	109973	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	90057	3.59	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	71.80%
7) Chloroethane-d5	1.58	69	80191	4.41	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.20%
11) 1,1-Dichloroethene-d2	2.13	63	119878	2.84	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	56.80%#
20) 2-Butanone-d5	3.95	46	209173	60.69	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	121.38%
24) Chloroform-d	4.41	84	154250	3.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	78.20%
26) 1,2-Dichloroethane-d4	5.09	65	75020	3.89	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	77.80%
32) Benzene-d6	5.10	84	325382	3.97	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	79.40%
36) 1,2-Dichloropropane-d6	6.12	67	103552	4.03	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	80.60%
41) Toluene-d8	7.36	98	283943	3.79	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	75.80%
43) trans-1,3-Dichloropropene-	7.67	79	34326	3.87	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	77.40%
46) 2-Hexanone-d5	8.14	63	189329	39.89	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	79.78%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	74335	3.72	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	74.40%
64) 1,2-Dichlorobenzene-d4	11.68	152	106610	4.08	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	81.60%

Target Compounds

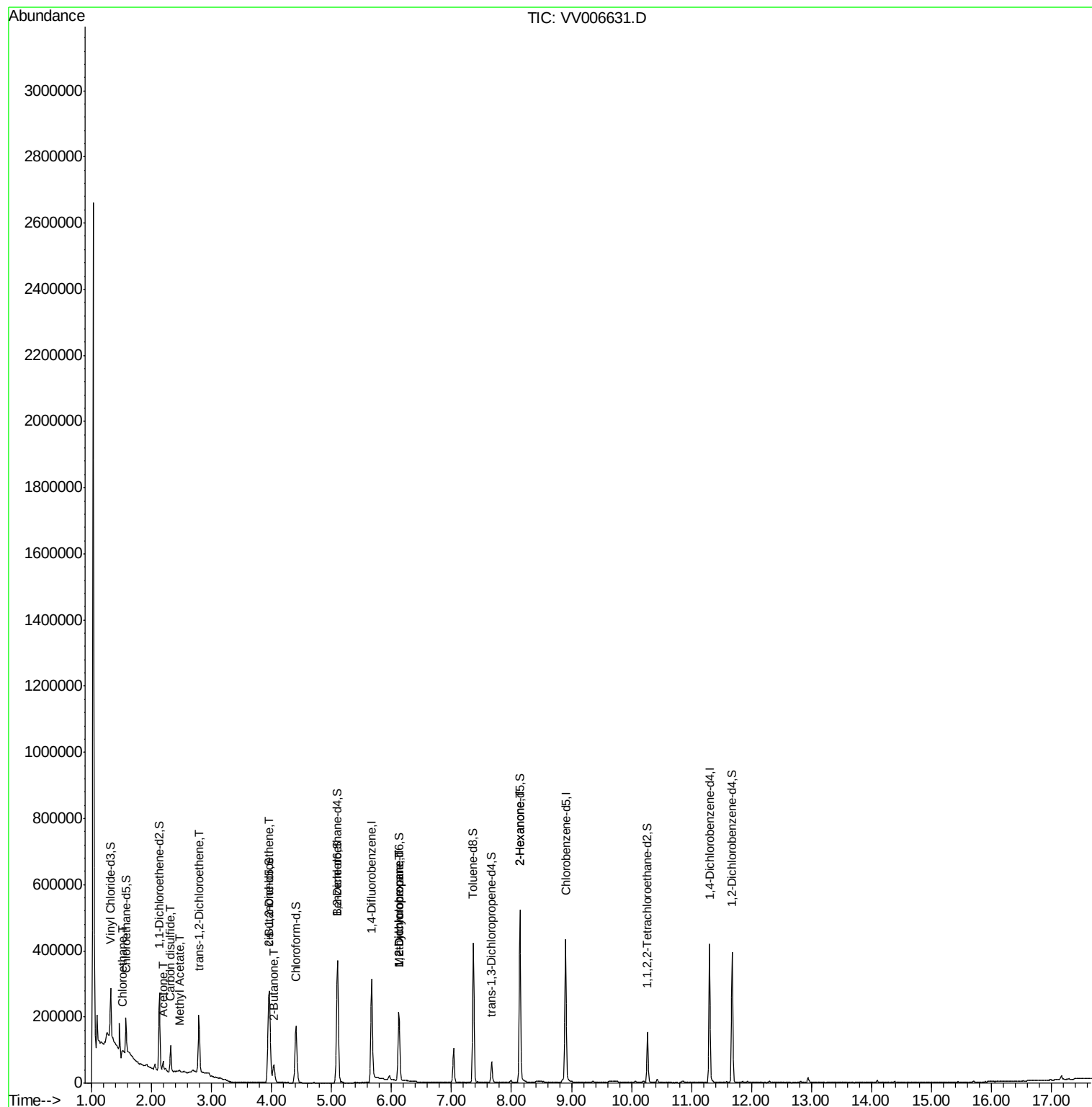
					Qvalue
8) Chloroethane	1.51	64	8636	0.497 ug/L #	53
13) Acetone	2.19	43	21191	6.160 ug/L	92
14) Carbon disulfide	2.32	76	88539	1.394 ug/L	100
15) Methyl Acetate	2.46	43	3716	0.350 ug/L	100
18) trans-1,2-Dichloroethene	2.79	96	64154	2.830 ug/L	97
21) 2-Butanone	4.04	43	78905	13.095 ug/L	97
22) cis-1,2-Dichloroethene	3.96	96	100715	4.235 ug/L	99
35) Methylcyclohexane	6.12	83	23906	0.687 ug/L #	18
37) 1,2-Dichloropropane	6.12	63	10387	0.459 ug/L #	86
48) 2-Hexanone	8.14	43	18995	2.042 ug/L #	62

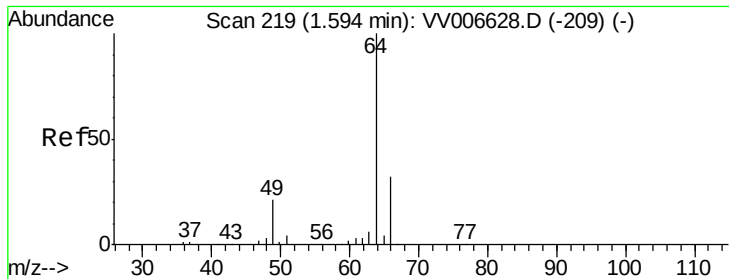
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Jul 19 02:39:44 2018
Response via : Initial Calibration





#8

Chloroethane

Concen: 0.497 ug/L

RT: 1.51 min Scan# 194

Delta R.T. -0.08 min

Lab File: VV006631.D

Acq: 18 Jul 2018 16:14

Instrument :

MSVOA_V

ClientSampleId :

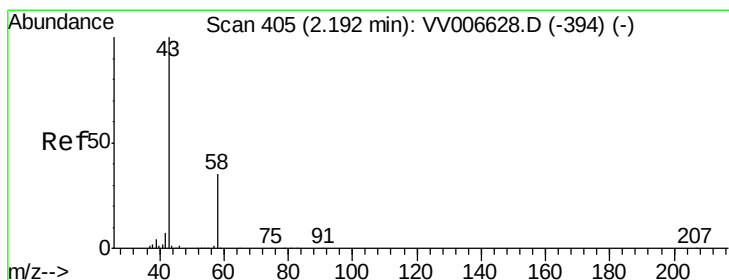
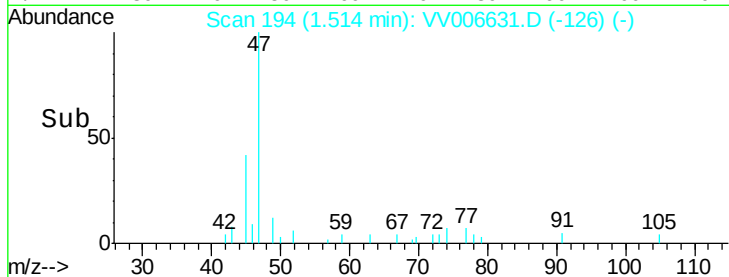
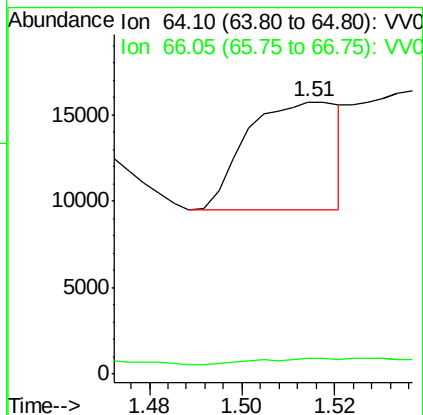
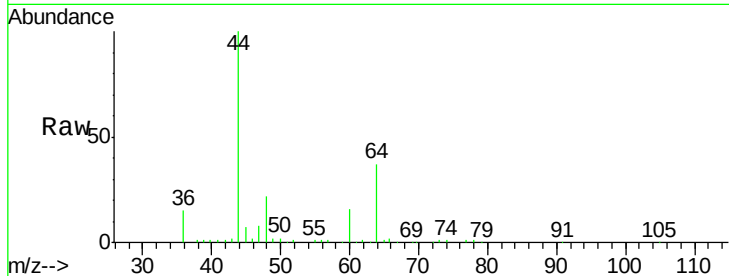
DB193

Tgt Ion: 64 Resp: 8636

Ion Ratio Lower Upper

64 100

66 5.7 22.5 41.9#



#13

Acetone

Concen: 6.160 ug/L

RT: 2.19 min Scan# 405

Delta R.T. 0.00 min

Lab File: VV006631.D

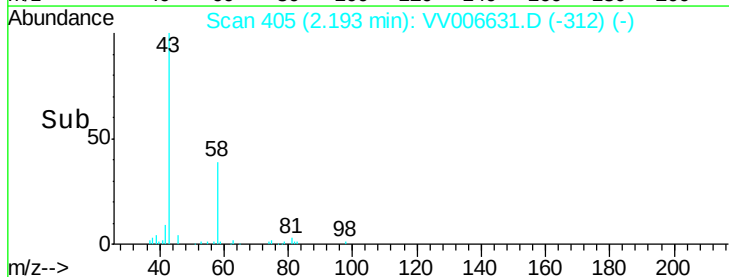
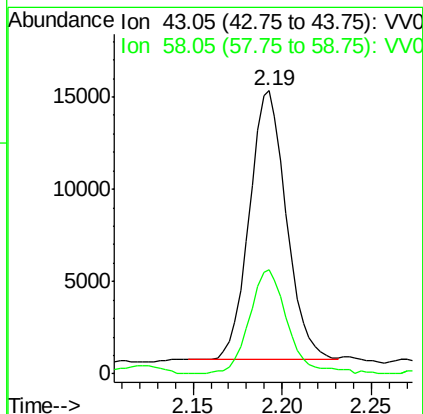
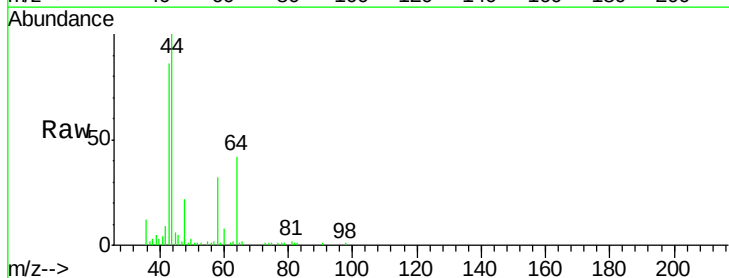
Acq: 18 Jul 2018 16:14

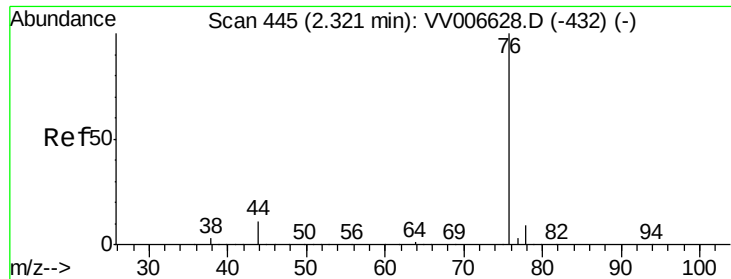
Tgt Ion: 43 Resp: 21191

Ion Ratio Lower Upper

43 100

58 40.0 0.0 70.8





#14

Carbon disulfide

Concen: 1.394 ug/L

RT: 2.32 min Scan# 444

Delta R.T. -0.00 min

Lab File: VV006631.D

Acq: 18 Jul 2018 16:14

Instrument :

MSVOA_V

ClientSampleId :

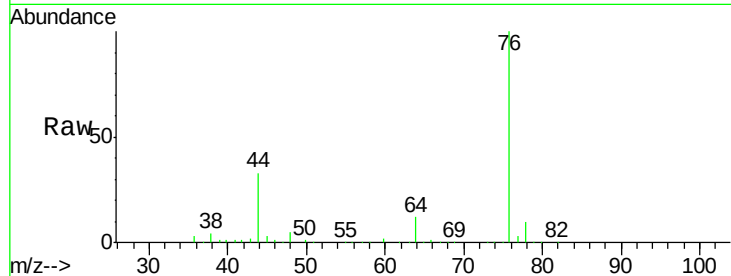
DB193

Tgt Ion: 76 Resp: 88539

Ion Ratio Lower Upper

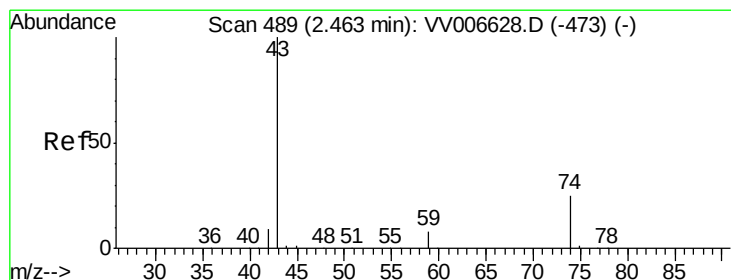
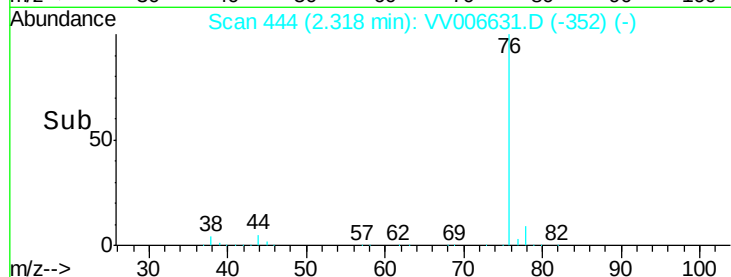
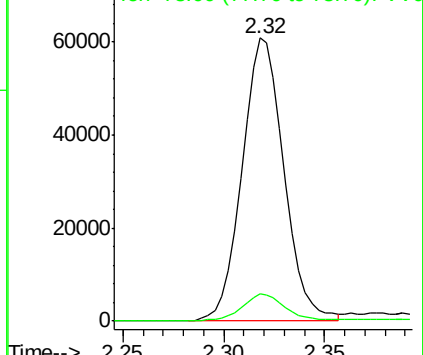
76 100

78 9.5 7.5 11.3



Abundance Ion 76.05 (75.75 to 76.75): VV0

Ion 78.00 (77.70 to 78.70): VV0



#15

Methyl Acetate

Concen: 0.350 ug/L

RT: 2.46 min Scan# 489

Delta R.T. 0.00 min

Lab File: VV006631.D

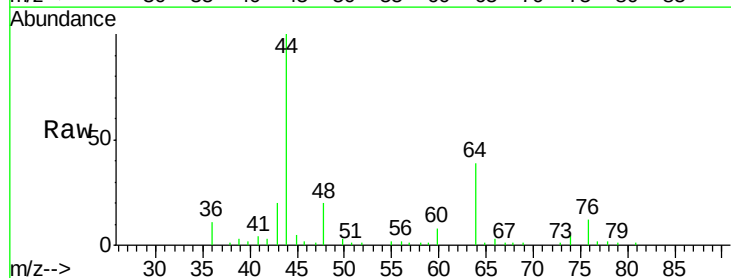
Acq: 18 Jul 2018 16:14

Tgt Ion: 43 Resp: 3716

Ion Ratio Lower Upper

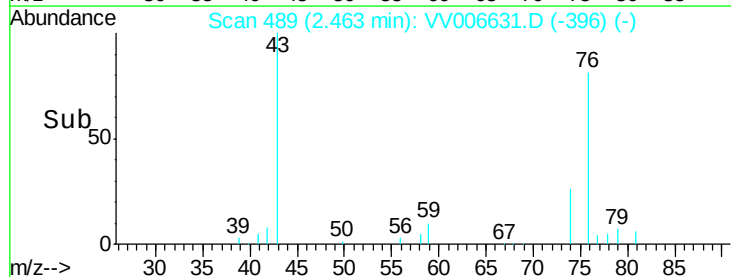
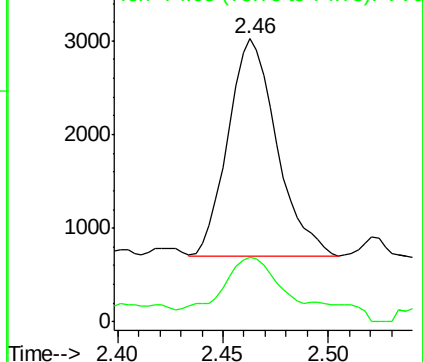
43 100

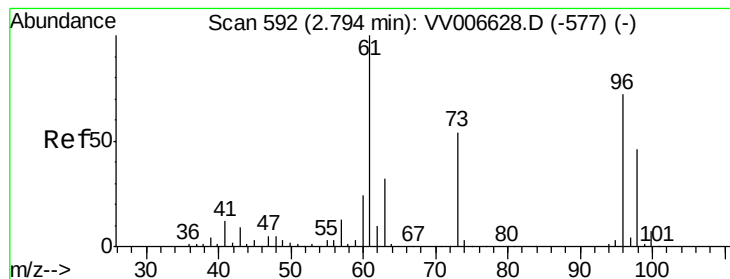
74 25.5 20.2 30.4



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 74.05 (73.75 to 74.75): VV0





#18

trans-1,2-Dichloroethene

Concen: 2.830 ug/L

RT: 2.79 min Scan# 591

Delta R.T. -0.00 min

Lab File: VV006631.D

Acq: 18 Jul 2018 16:14

Instrument :

MSVOA_V

ClientSampleId :

DB193

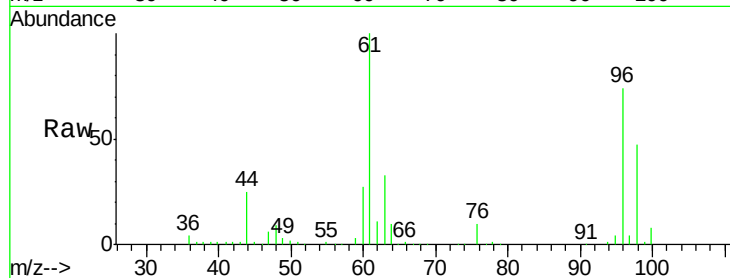
Tgt Ion: 96 Resp: 64154

Ion Ratio Lower Upper

96 100

61 134.7 98.1 182.1

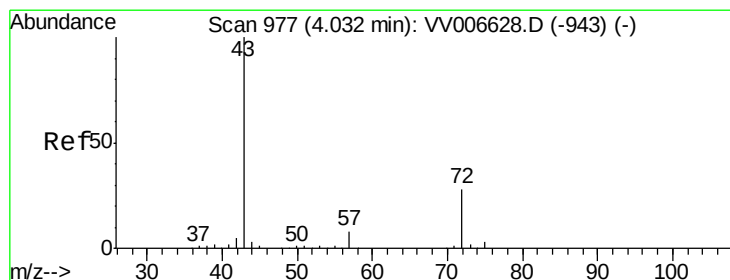
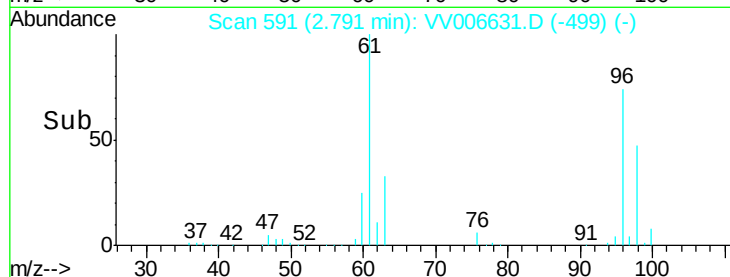
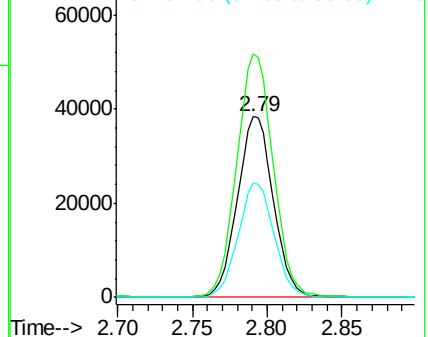
98 63.1 44.4 82.4



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: 13.095 ug/L

RT: 4.04 min Scan# 979

Delta R.T. 0.01 min

Lab File: VV006631.D

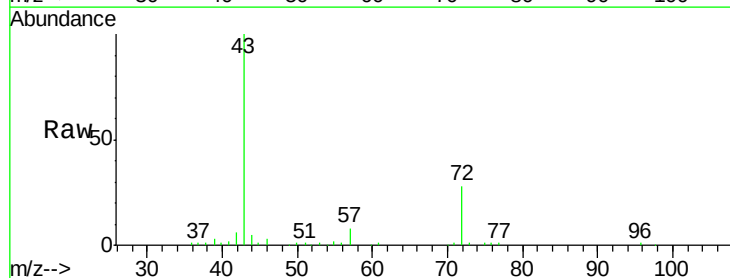
Acq: 18 Jul 2018 16:14

Tgt Ion: 43 Resp: 78905

Ion Ratio Lower Upper

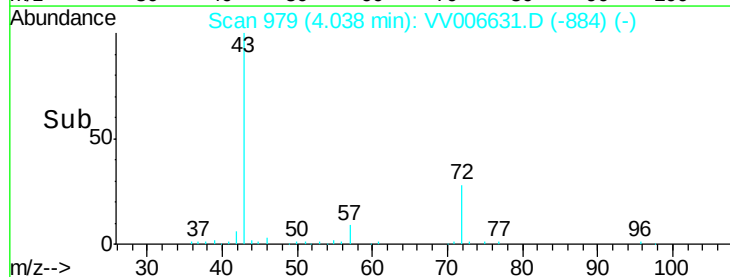
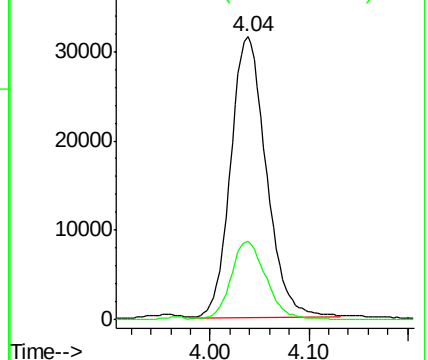
43 100

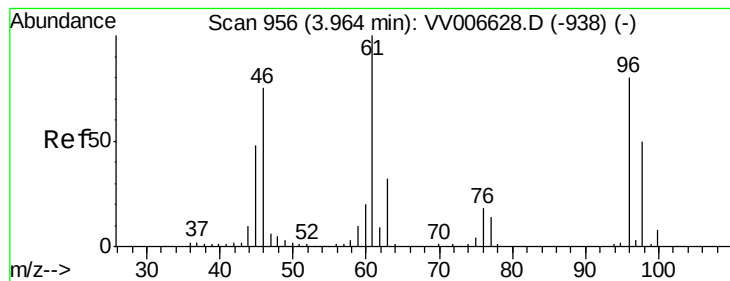
72 28.0 13.4 40.1



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: 4.235 ug/L

RT: 3.96 min Scan# 956

Delta R.T. 0.00 min

Lab File: VV006631.D

Acq: 18 Jul 2018 16:14

Instrument :

MSVOA_V

ClientSampleId :

DB193

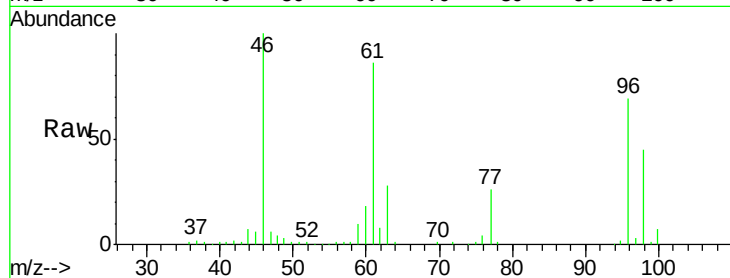
Tgt Ion: 96 Resp: 100715

Ion Ratio Lower Upper

96 100

61 124.2 86.2 160.2

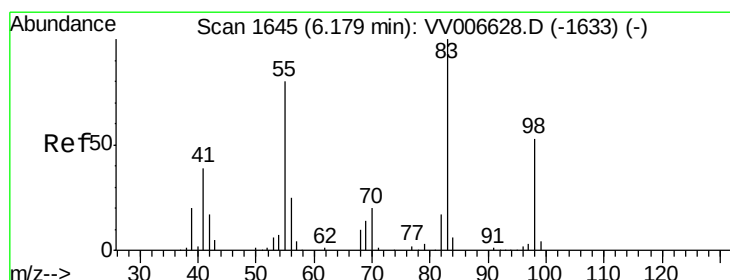
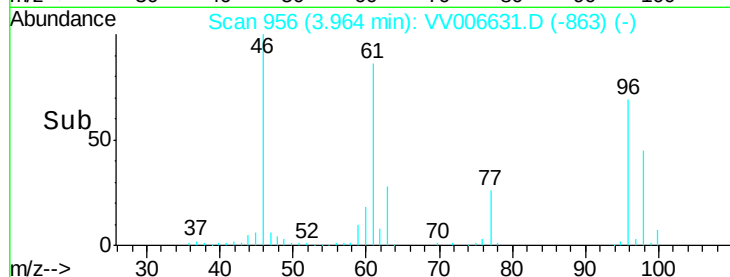
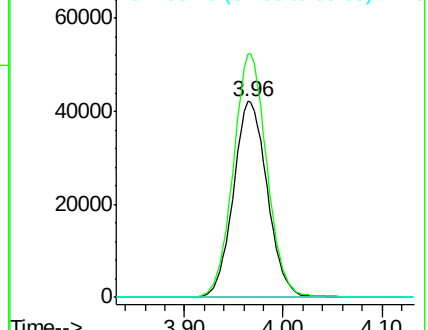
68 0.0 0.0 0.0



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

Methylcyclohexane

Concen: 0.687 ug/L

RT: 6.12 min Scan# 1628

Delta R.T. -0.05 min

Lab File: VV006631.D

Acq: 18 Jul 2018 16:14

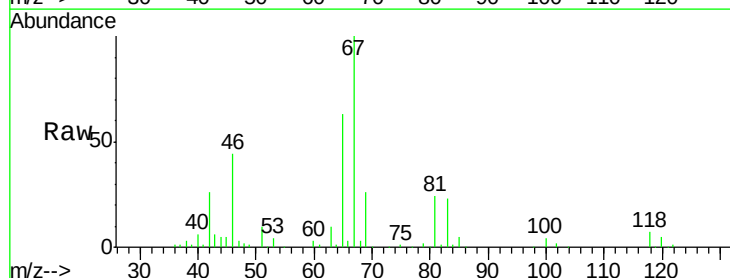
Tgt Ion: 83 Resp: 23906

Ion Ratio Lower Upper

83 100

55 0.5 60.7 91.1#

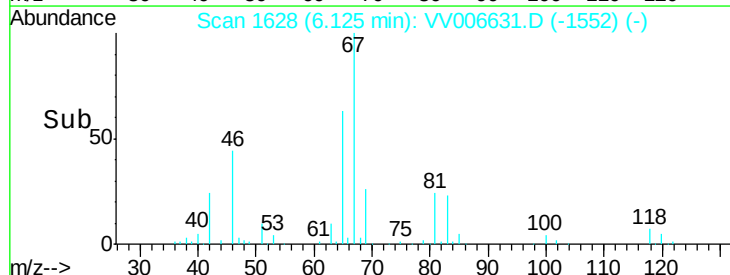
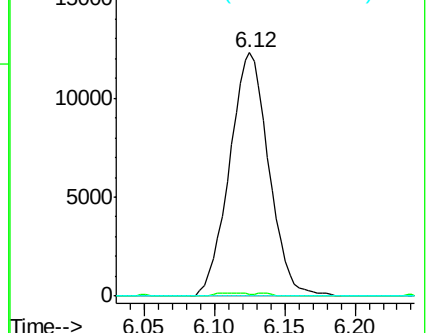
98 0.0 39.1 58.7#

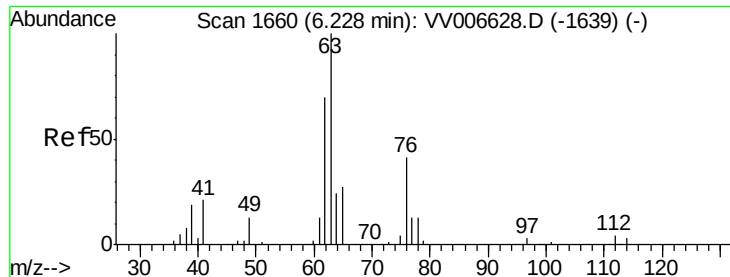


Abundance Ion 83.15 (82.85 to 83.85): VV0

Ion 55.10 (54.80 to 55.80): VV0

Ion 98.15 (97.85 to 98.85): VV0





#37

1,2-Dichloropropane

Concen: 0.459 ug/L

RT: 6.12 min Scan# 1628

Delta R.T. -0.10 min

Lab File: VV006631.D

Acq: 18 Jul 2018 16:14

Instrument :

MSVOA_V

ClientSampled :

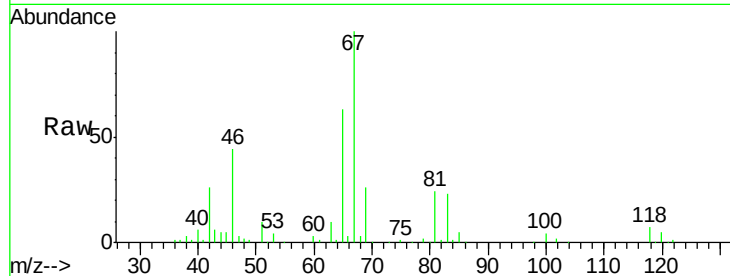
DB193

Tgt Ion: 63 Resp: 10387

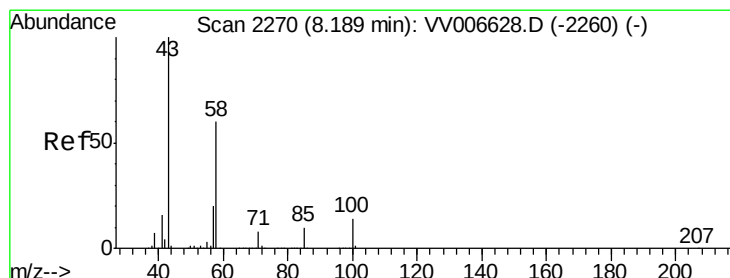
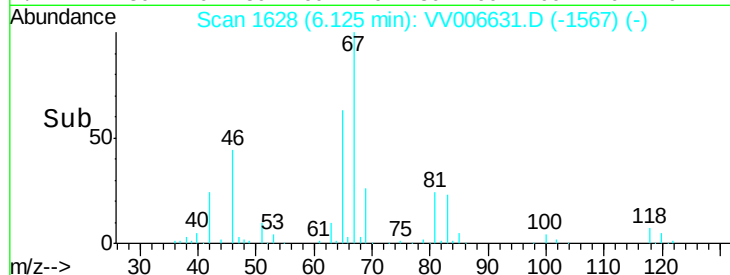
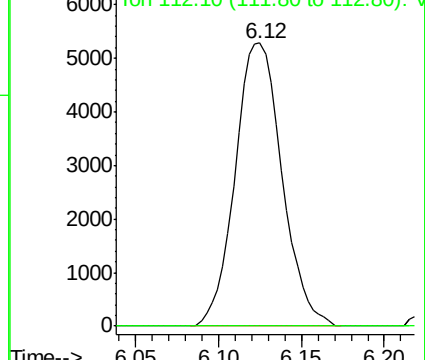
Ion Ratio Lower Upper

63 100

112 0.0 3.7 5.5#



Abundance Ion 63.10 (62.80 to 63.80): VV006628.D (-1639) (-)



#48

2-Hexanone

Concen: 2.042 ug/L

RT: 8.14 min Scan# 2254

Delta R.T. -0.05 min

Lab File: VV006631.D

Acq: 18 Jul 2018 16:14

Tgt Ion: 43 Resp: 18995

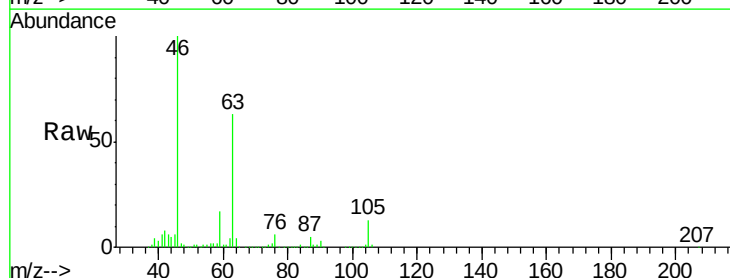
Ion Ratio Lower Upper

43 100

58 26.3 48.2 72.4#

57 30.6 16.2 24.4#

100 1.9 11.0 16.4#



Abundance Ion 43.05 (42.75 to 43.75): VV006628.D (-2260) (-)

