

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV071318\
 Data File : VV006604.D
 Acq On : 13 Jul 2018 20:24
 Operator : SY/MD
 Sample : J3985-01
 Misc : 25 mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 DB192

Quant Time: Jul 14 00:31:38 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR070718WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Jul 14 00:30:59 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	325382	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	301202	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	135440	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	95294	5.39	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	107.80%
7) Chloroethane-d5	1.58	69	75309	4.88	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.60%
11) 1,1-Dichloroethene-d2	2.13	63	120964	3.68	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.60%
20) 2-Butanone-d5	3.95	46	193753	43.12	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	86.24%
24) Chloroform-d	4.41	84	152446	4.38	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.60%
26) 1,2-Dichloroethane-d4	5.09	65	73093	4.52	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.40%
32) Benzene-d6	5.10	84	336552	4.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.00%
36) 1,2-Dichloropropane-d6	6.12	67	100301	4.50	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.00%
41) Toluene-d8	7.36	98	298334	4.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.20%
43) trans-1,3-Dichloropropene-	7.67	79	30551	4.04	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.80%
46) 2-Hexanone-d5	8.14	63	171322	44.88	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	89.76%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	74070	4.23	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	84.60%
64) 1,2-Dichlorobenzene-d4	11.68	152	110828	4.76	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.20%

Target Compounds

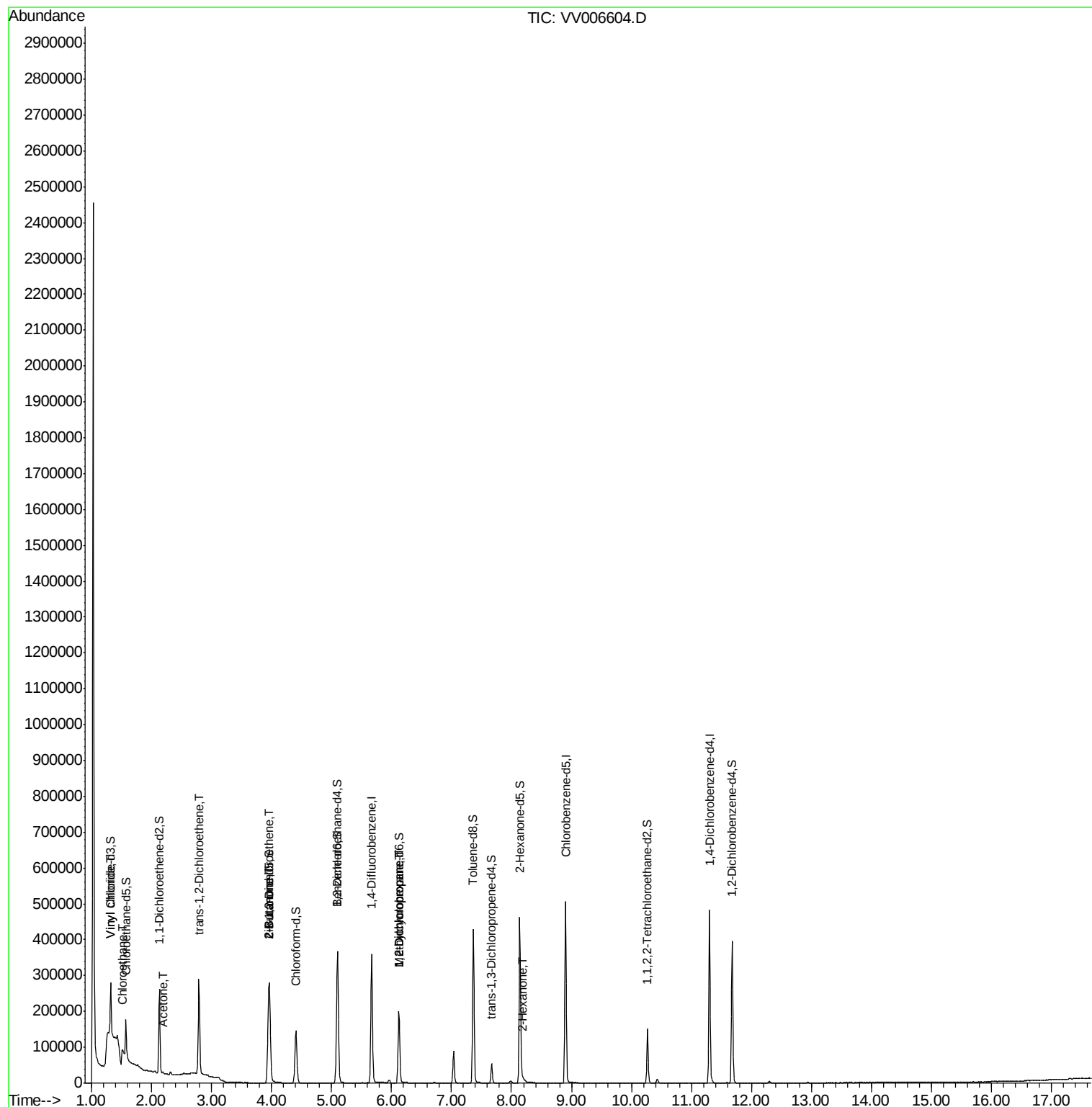
					Qvalue
5) Vinyl chloride	1.32	62	24055	0.830 ug/L #	1
8) Chloroethane	1.51	64	130555	7.425 ug/L #	51
13) Acetone	2.19	43	3416	1.202 ug/L	96
18) trans-1,2-Dichloroethene	2.79	96	102171	4.597 ug/L	96
21) 2-Butanone	3.96	43	1639	0.352 ug/L	86
22) cis-1,2-Dichloroethene	3.97	96	116641	4.885 ug/L	97
35) Methylcyclohexane	6.12	83	24847	0.669 ug/L #	19
37) 1,2-Dichloropropane	6.12	63	10527	0.479 ug/L #	86
48) 2-Hexanone	8.19	43	3758	0.476 ug/L #	73

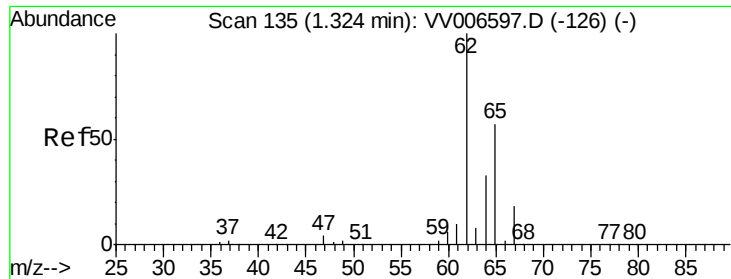
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#5

Vinyl chloride

Concen: 0.830 ug/L

RT: 1.32 min Scan# 135

Delta R.T. 0.00 min

Lab File: VV006604.D

Acq: 13 Jul 2018 20:24

Instrument :

MSVOA_V

ClientSampled :

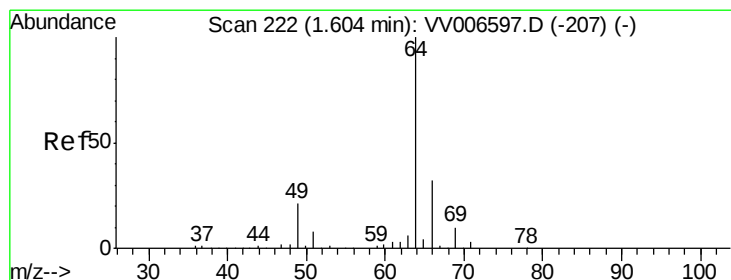
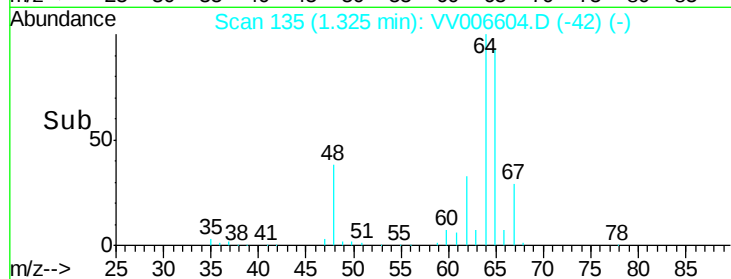
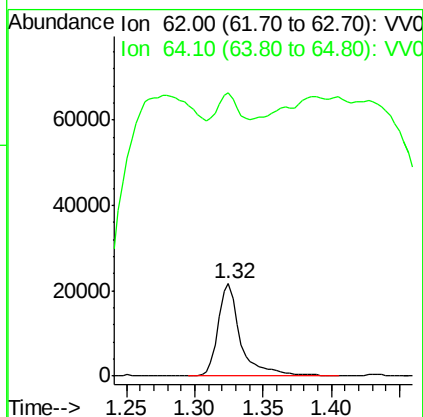
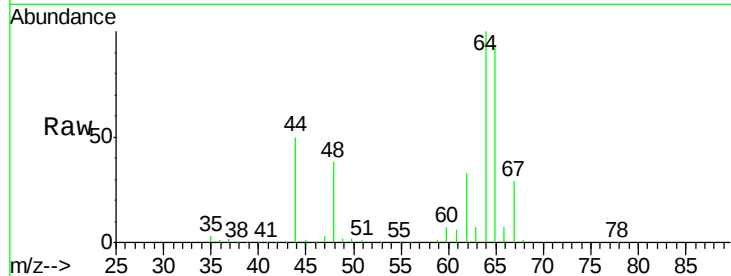
DB192

Tgt Ion: 62 Resp: 24055

Ion Ratio Lower Upper

62 100

64 305.7 23.0 42.6#



#8

Chloroethane

Concen: 7.425 ug/L

RT: 1.51 min Scan# 194

Delta R.T. -0.09 min

Lab File: VV006604.D

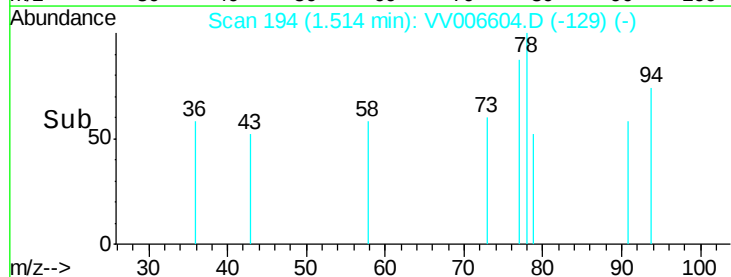
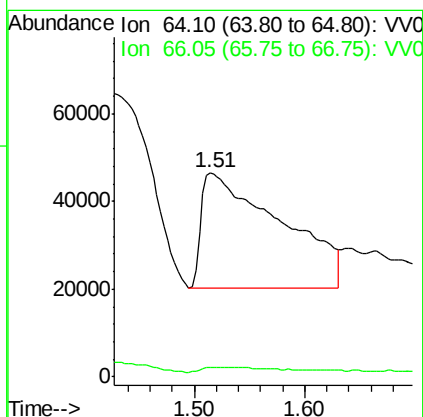
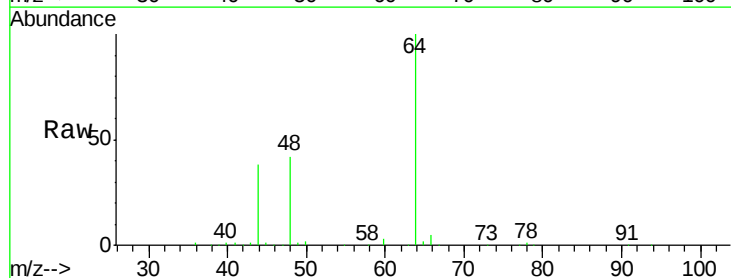
Acq: 13 Jul 2018 20:24

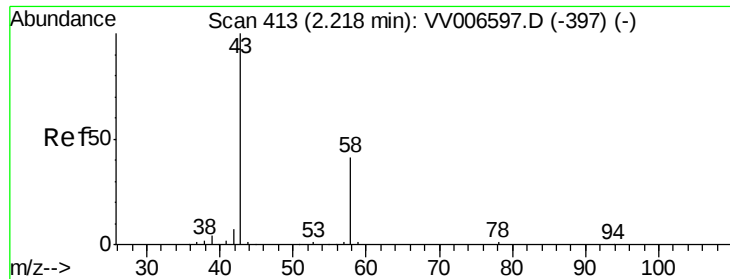
Tgt Ion: 64 Resp: 130555

Ion Ratio Lower Upper

64 100

66 4.6 22.5 41.7#





#13

Acetone

Concen: 1.202 ug/L

RT: 2.19 min Scan# 405

Delta R.T. -0.03 min

Lab File: VV006604.D

Acq: 13 Jul 2018 20:24

Instrument :

MSVOA_V

ClientSampleId :

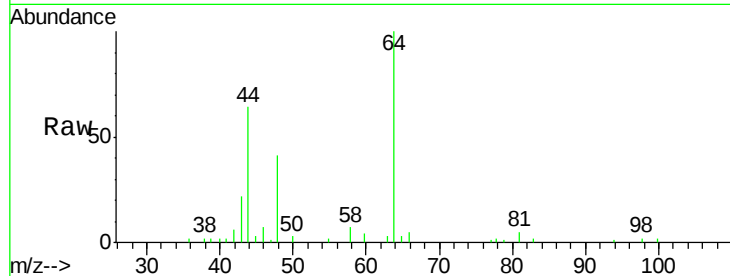
DB192

Tgt Ion: 43 Resp: 3416

Ion Ratio Lower Upper

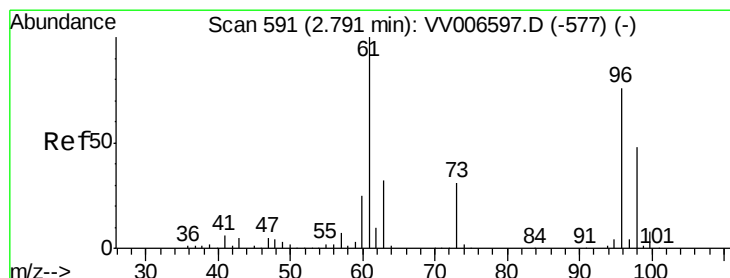
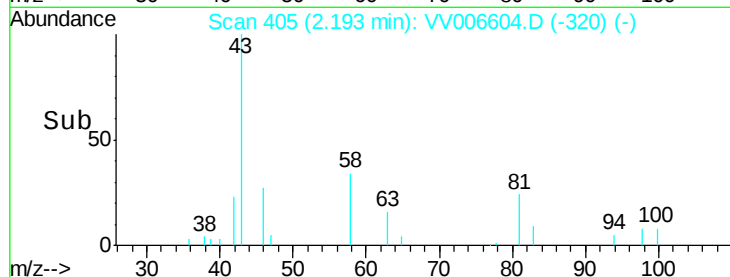
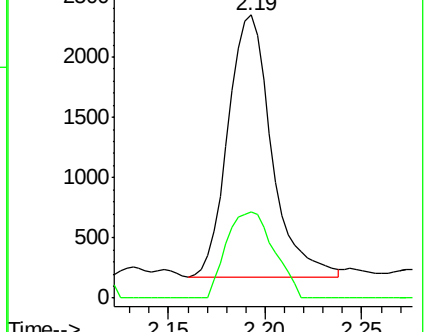
43 100

58 35.8 0.0 76.2



Abundance Ion 43.05 (42.75 to 43.75): VV006604.D (-320) (-)

Ion 58.05 (57.75 to 58.75): VV006604.D (-320) (-)



#18

trans-1,2-Dichloroethene

Concen: 4.597 ug/L

RT: 2.79 min Scan# 592

Delta R.T. 0.00 min

Lab File: VV006604.D

Acq: 13 Jul 2018 20:24

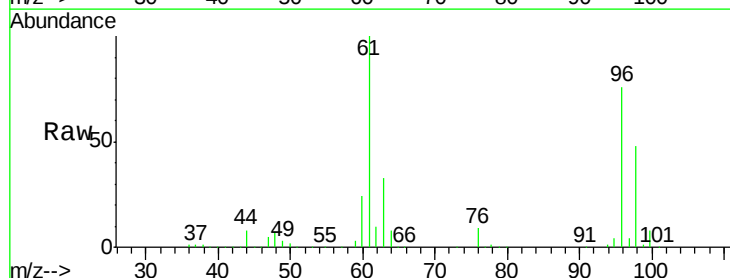
Tgt Ion: 96 Resp: 102171

Ion Ratio Lower Upper

96 100

61 130.8 96.5 179.3

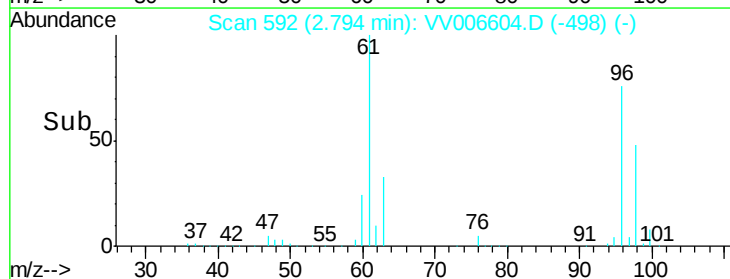
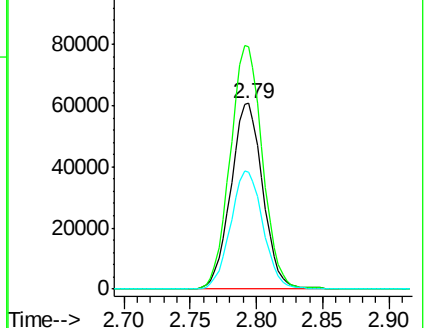
98 63.2 45.1 83.7

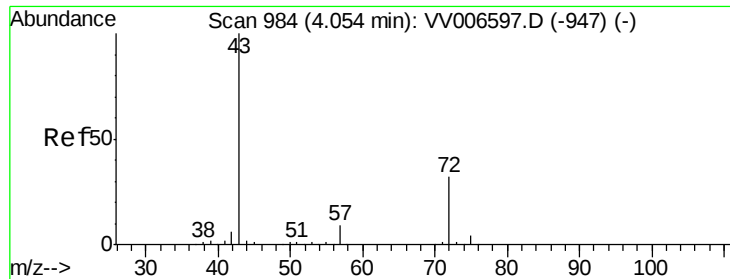


Abundance Ion 96.00 (95.70 to 96.70): VV006604.D (-498) (-)

Ion 61.05 (60.75 to 61.75): VV006604.D (-498) (-)

Ion 97.95 (97.65 to 98.65): VV006604.D (-498) (-)





#21

2-Butanone

Concen: 0.352 ug/L

RT: 3.96 min Scan# 955

Delta R.T. -0.09 min

Lab File: VV006604.D

Acq: 13 Jul 2018 20:24

Instrument :

MSVOA_V

ClientSampleId :

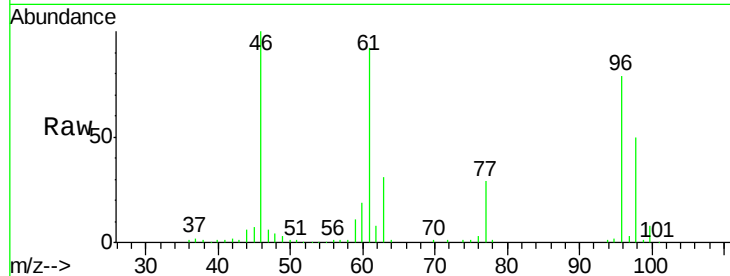
DB192

Tgt Ion: 43 Resp: 1639

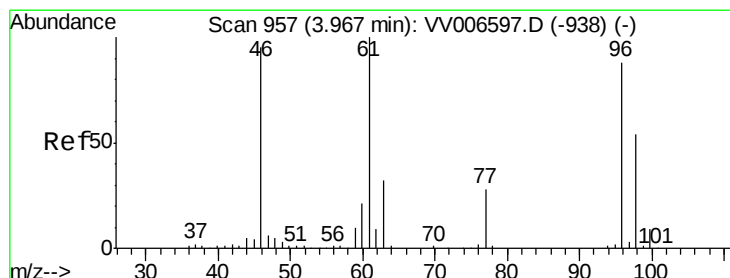
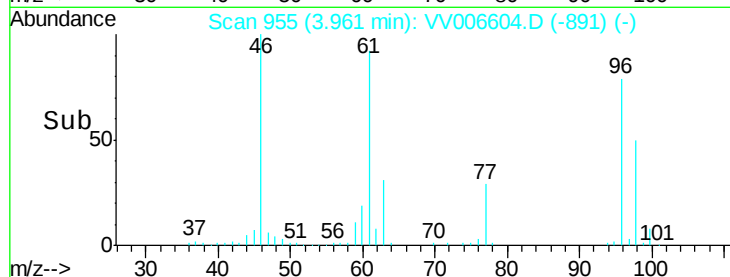
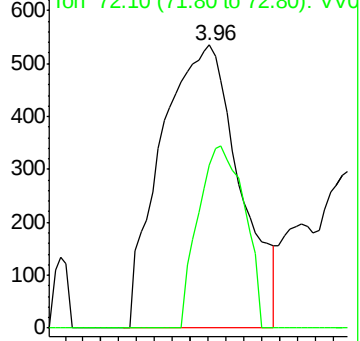
Ion Ratio Lower Upper

43 100

72 37.9 15.1 45.3



Abundance Ion 43.05 (42.75 to 43.75): VV006597.D (-947) (-)



#22

cis-1,2-Dichloroethene

Concen: 4.885 ug/L

RT: 3.97 min Scan# 957

Delta R.T. 0.00 min

Lab File: VV006604.D

Acq: 13 Jul 2018 20:24

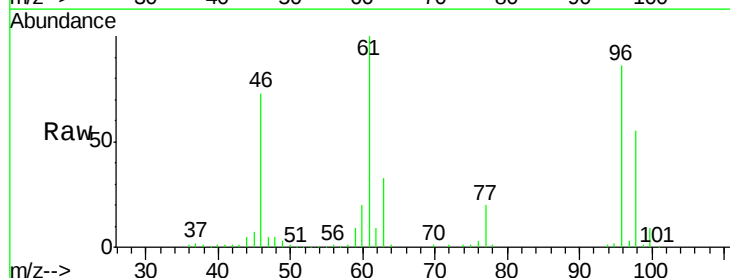
Tgt Ion: 96 Resp: 116641

Ion Ratio Lower Upper

96 100

61 116.6 83.8 155.6

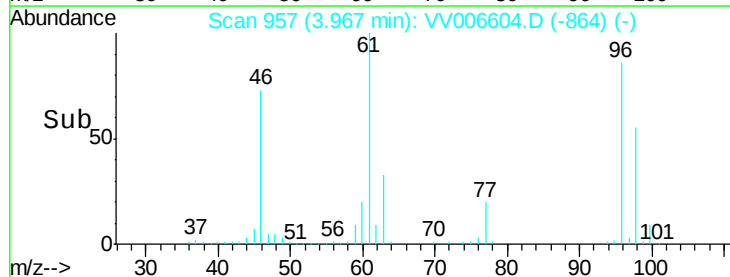
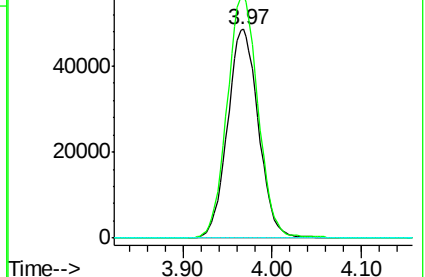
68 0.0 0.0 0.0

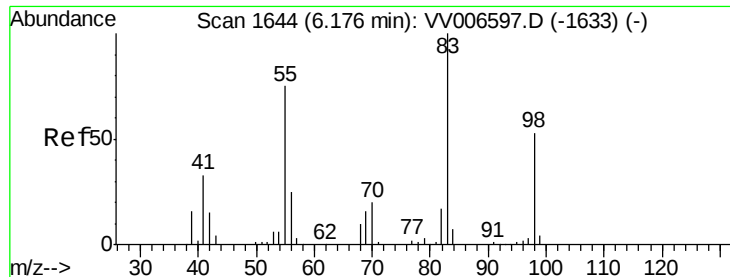


Abundance Ion 96.00 (95.70 to 96.70): VV006597.D (-938) (-)

Ion 61.05 (60.75 to 61.75): VV006597.D (-938) (-)

Ion 68.15 (67.85 to 68.85): VV006597.D (-938) (-)

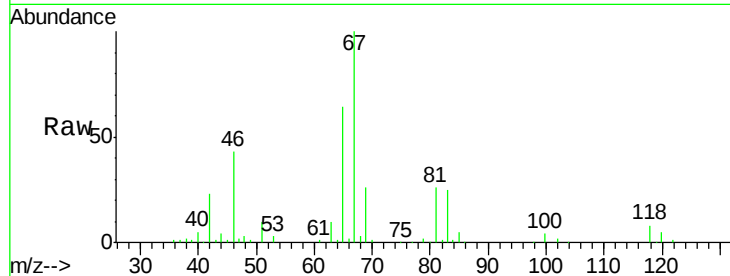




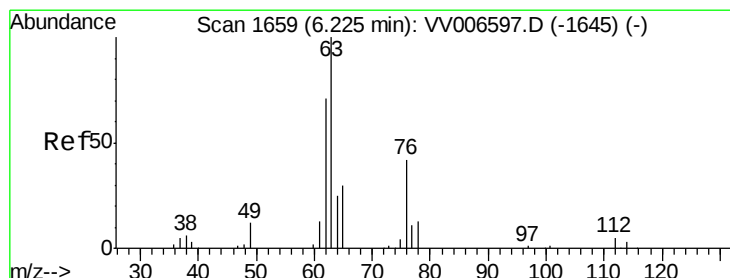
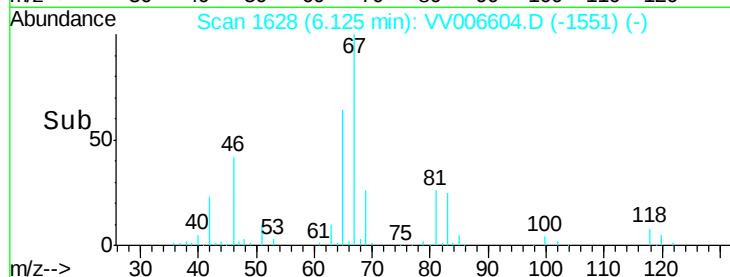
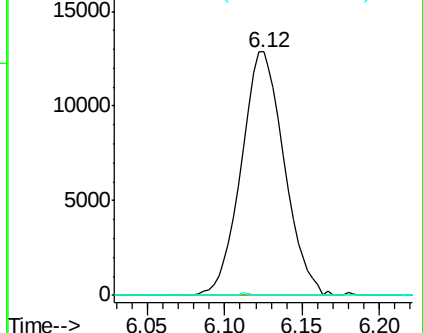
#35
Methylcyclohexane
Concen: 0.669 ug/L
RT: 6.12 min Scan# 1628
Delta R.T. -0.05 min
Lab File: VV006604.D
Acq: 13 Jul 2018 20:24

Instrument :
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Tgt Ion: 83 Resp: 24847
Ion Ratio Lower Upper
83 100
55 0.1 58.3 87.5#
98 0.1 39.3 58.9#

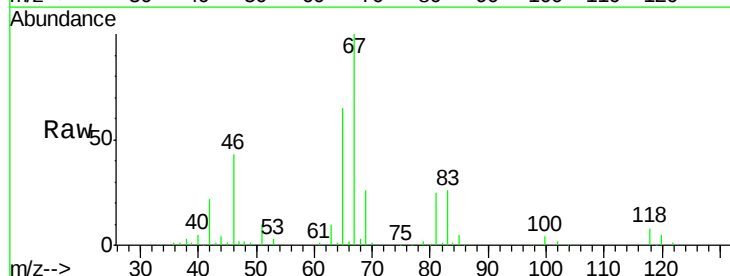


Abundance Ion 83.15 (82.85 to 83.85): VV0
Ion 55.10 (54.80 to 55.80): VV0
Ion 98.15 (97.85 to 98.85): VV0

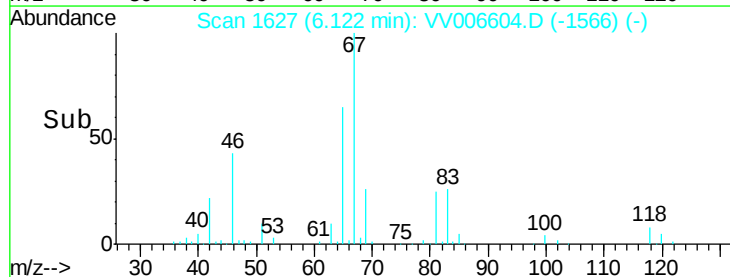
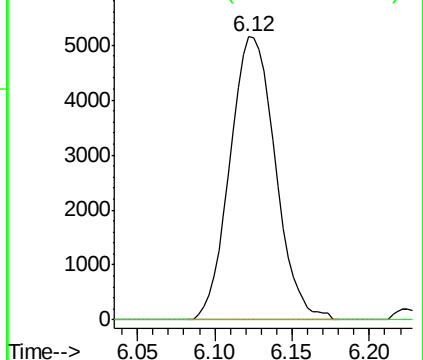


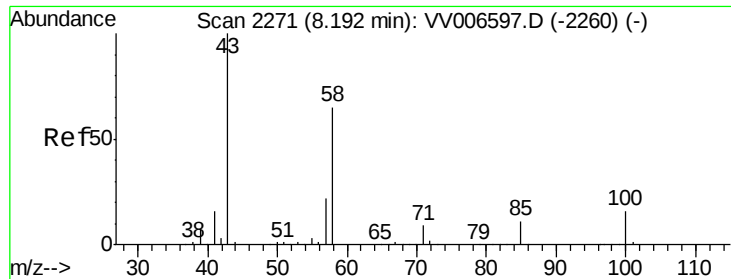
#37
1,2-Dichloropropane
Concen: 0.479 ug/L
RT: 6.12 min Scan# 1627
Delta R.T. -0.10 min
Lab File: VV006604.D
Acq: 13 Jul 2018 20:24

Tgt Ion: 63 Resp: 10527
Ion Ratio Lower Upper
63 100
112 0.0 3.8 5.6#



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





#48

2-Hexanone

Concen: 0.476 ug/L

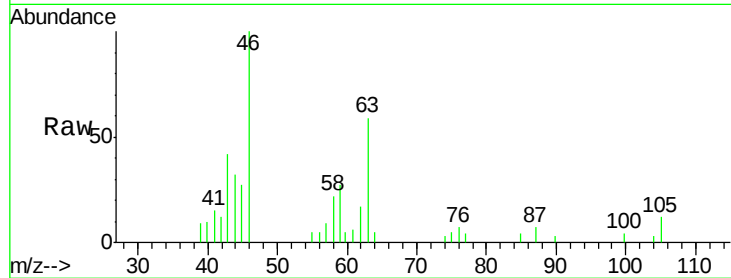
RT: 8.19 min Scan# 2271

Delta R.T. 0.00 min

Lab File: VV006604.D

Acq: 13 Jul 2018 20:24

Instrument :
MSVOA_V
ClientSampleId :
DB192



Tgt Ion:	43	Resp:	3758
Ion	Ratio	Lower	Upper
43	100		
58	37.4	50.3	75.5#
57	24.4	17.0	25.4
100	3.9	12.3	18.5#

