

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV071318\
 Data File : VV006607.D
 Acq On : 13 Jul 2018 21:45
 Operator : SY/MD
 Sample : J3983-15
 Misc : 25 mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 DB195

Quant Time: Jul 14 00:31:58 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	301838	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	280606	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	129174	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	87856	5.35	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	107.00%
7) Chloroethane-d5	1.58	69	74331	5.19	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	103.80%
11) 1,1-Dichloroethene-d2	2.13	63	115683	3.79	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	75.80%
20) 2-Butanone-d5	3.95	46	192607	46.21	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	92.42%
24) Chloroform-d	4.41	84	150385	4.66	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.20%
26) 1,2-Dichloroethane-d4	5.09	65	71884	4.79	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.80%
32) Benzene-d6	5.10	84	328868	5.14	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.80%
36) 1,2-Dichloropropane-d6	6.12	67	99390	4.79	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.80%
41) Toluene-d8	7.37	98	289602	5.06	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.20%
43) trans-1,3-Dichloropropene-	7.67	79	28637	4.07	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.40%
46) 2-Hexanone-d5	8.14	63	175724	49.42	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.84%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	74285	4.55	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.00%
64) 1,2-Dichlorobenzene-d4	11.68	152	112187	5.05	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.00%

Target Compounds

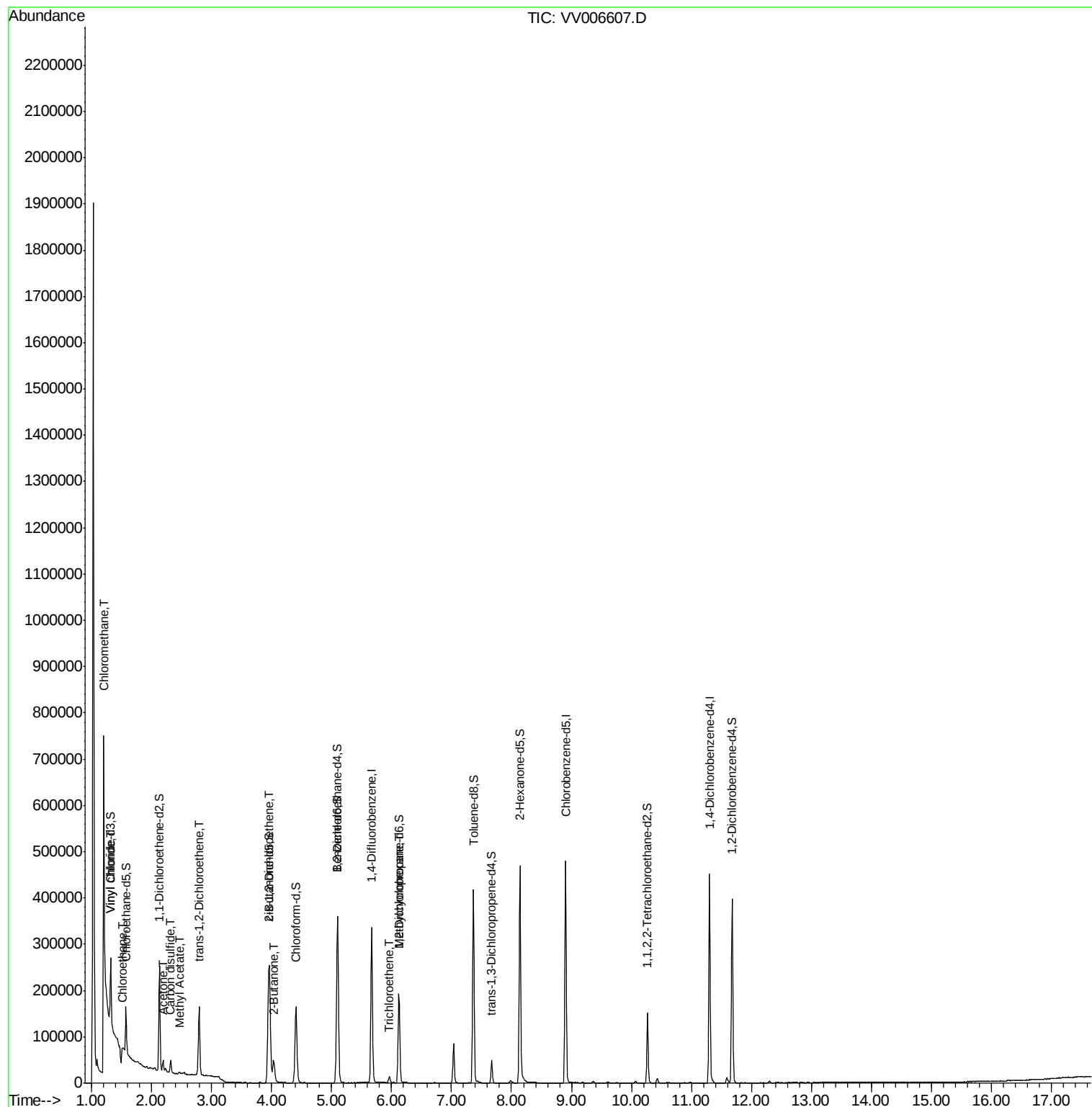
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.21	50	14561	0.503	ug/L #	42
5) Vinyl chloride	1.32	62	26378	0.982	ug/L #	1
8) Chloroethane	1.52	64	47800	2.931	ug/L #	51
13) Acetone	2.19	43	21808	8.272	ug/L	99
14) Carbon disulfide	2.32	76	30866	0.546	ug/L	98
15) Methyl Acetate	2.46	43	3712	0.478	ug/L	99
18) trans-1,2-Dichloroethene	2.79	96	57429	2.785	ug/L	96
21) 2-Butanone	4.03	43	70359	16.266	ug/L	95
22) cis-1,2-Dichloroethene	3.97	96	101432	4.579	ug/L	97
34) Trichloroethene	5.96	95	4305	0.200	ug/L	92
35) Methylcyclohexane	6.12	83	23746	0.686	ug/L #	20

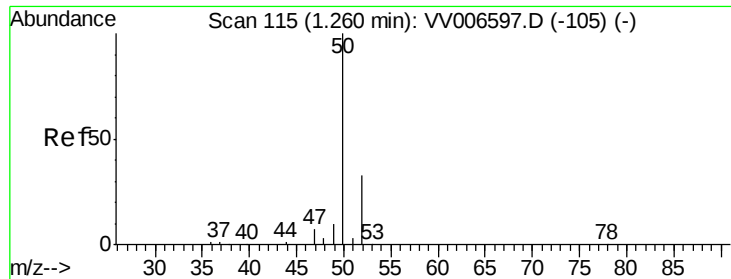
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.503 ug/L

RT: 1.21 min Scan# 98

Delta R.T. -0.05 min

Lab File: VV006607.D

Acq: 13 Jul 2018 21:45

Instrument :

MSVOA_V

ClientSampled :

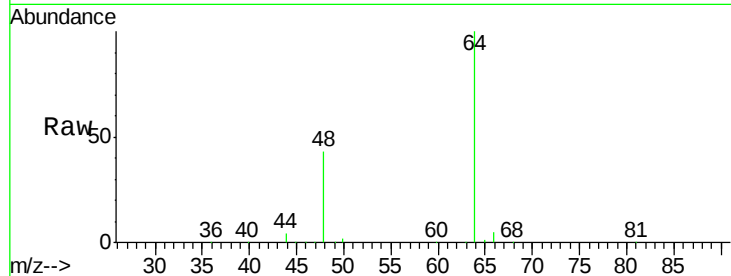
DB195

Tgt Ion: 50 Resp: 14561

Ion Ratio Lower Upper

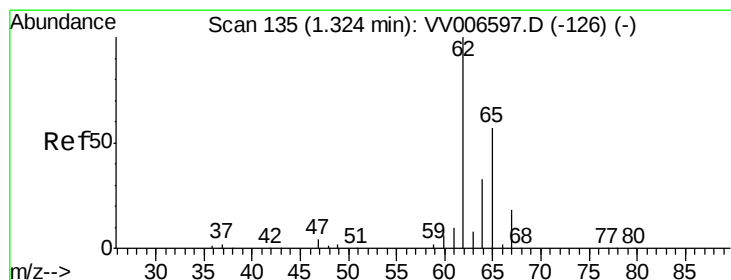
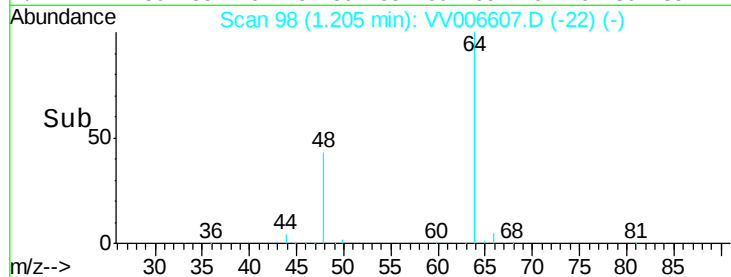
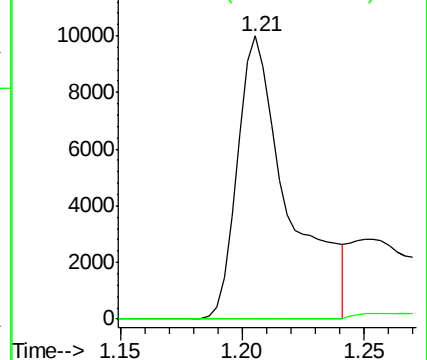
50 100

52 0.0 22.9 42.5#



Abundance Ion 50.05 (49.75 to 50.75): VV0

Ion 52.05 (51.75 to 52.75): VV0



#5

Vinyl chloride

Concen: 0.982 ug/L

RT: 1.32 min Scan# 135

Delta R.T. -0.00 min

Lab File: VV006607.D

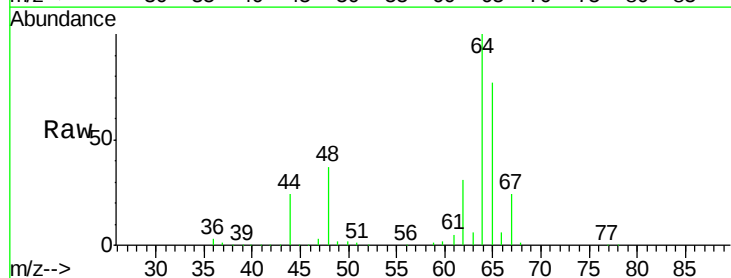
Acq: 13 Jul 2018 21:45

Tgt Ion: 62 Resp: 26378

Ion Ratio Lower Upper

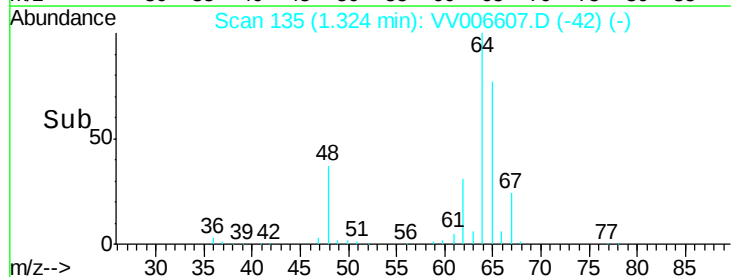
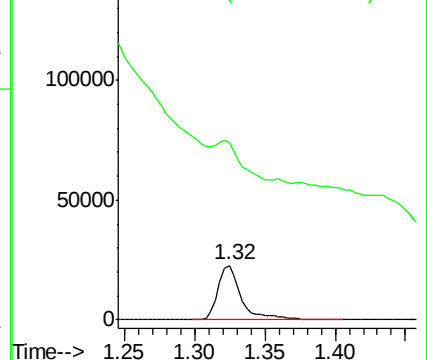
62 100

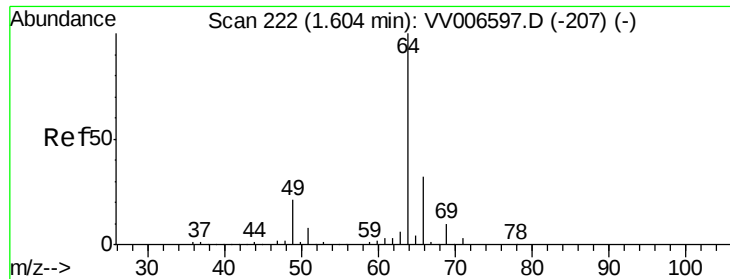
64 323.0 23.0 42.6#



Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 64.10 (63.80 to 64.80): VV0

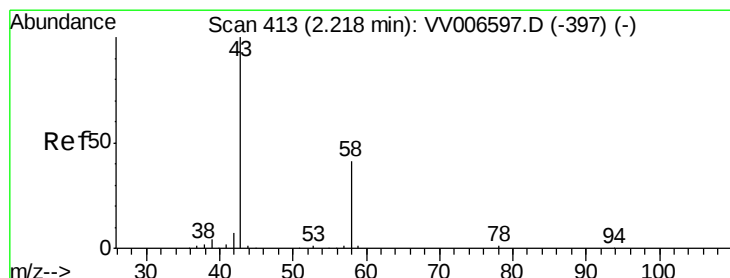
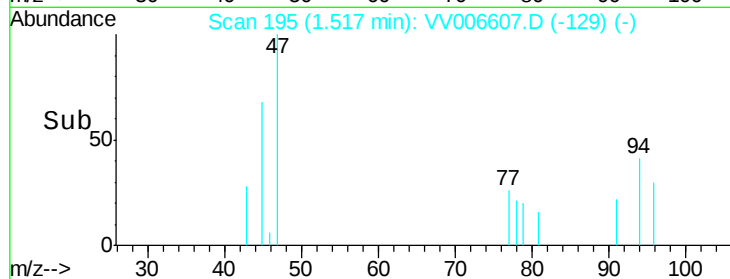
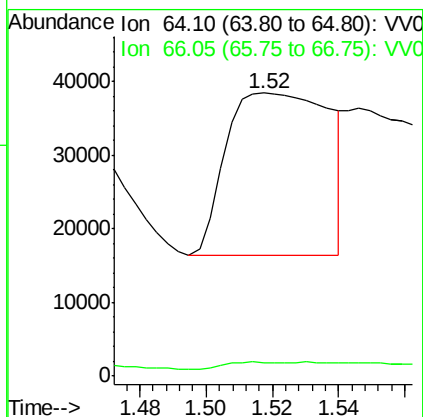
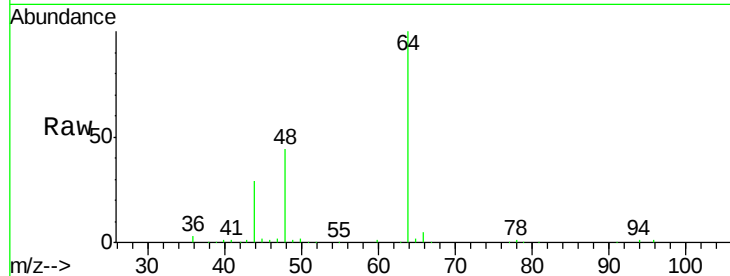




#8
Chloroethane
Concen: 2.931 ug/L
RT: 1.52 min Scan# 195
Delta R.T. -0.09 min
Lab File: VV006607.D
Acq: 13 Jul 2018 21:45

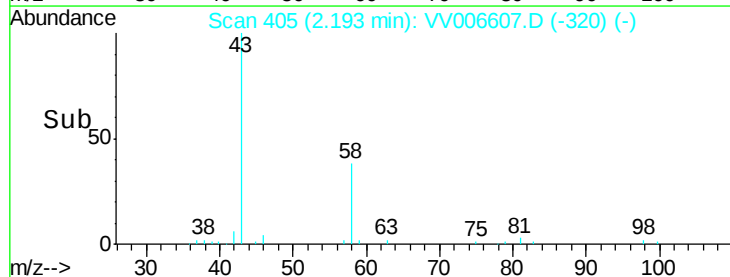
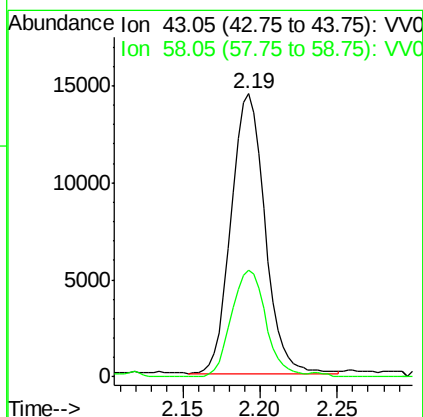
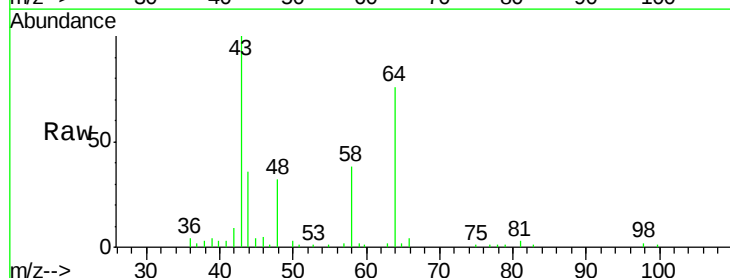
Instrument :
MSVOA_V
ClientSampled :
DB195

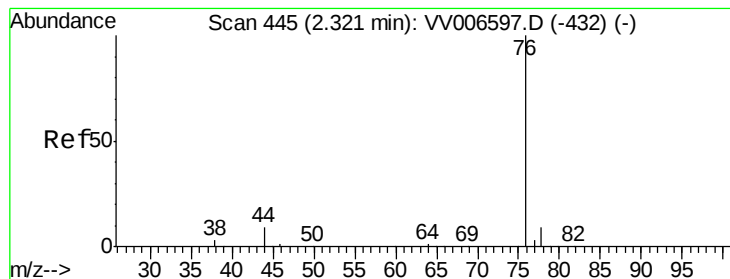
Tgt Ion: 64 Resp: 47800
Ion Ratio Lower Upper
64 100
66 4.8 22.5 41.7#



#13
Acetone
Concen: 8.272 ug/L
RT: 2.19 min Scan# 405
Delta R.T. -0.03 min
Lab File: VV006607.D
Acq: 13 Jul 2018 21:45

Tgt Ion: 43 Resp: 21808
Ion Ratio Lower Upper
43 100
58 38.9 0.0 76.2





#14

Carbon disulfide

Concen: 0.546 ug/L

RT: 2.32 min Scan# 445

Delta R.T. -0.00 min

Lab File: VV006607.D

Acq: 13 Jul 2018 21:45

Instrument :

MSVOA_V

ClientSampleId :

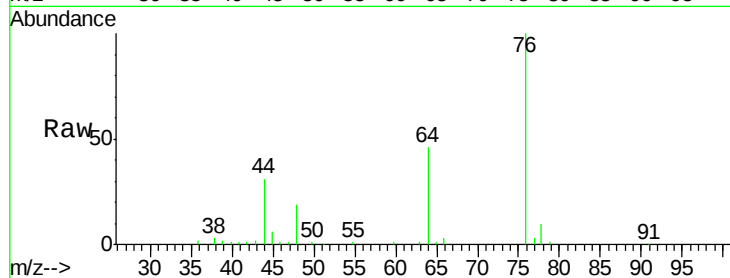
DB195

Tgt Ion: 76 Resp: 30866

Ion Ratio Lower Upper

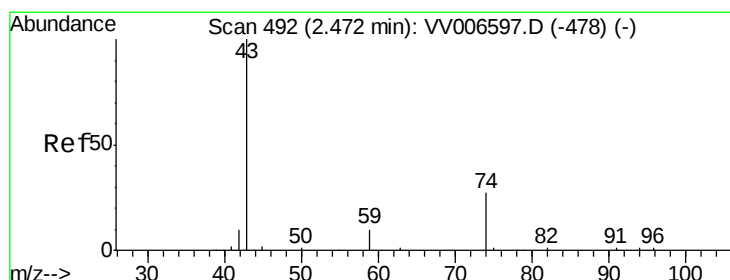
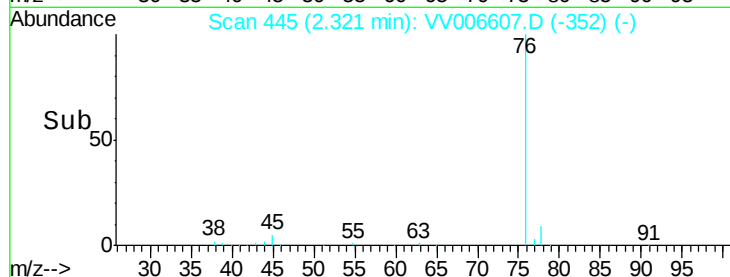
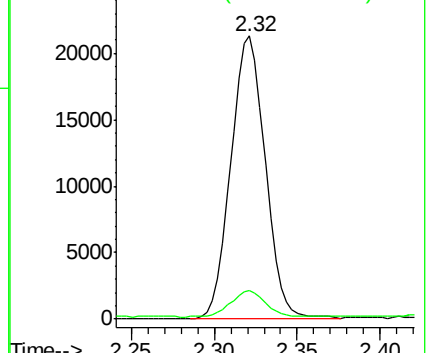
76 100

78 10.1 7.4 11.2



Abundance Ion 76.05 (75.75 to 76.75): VV0

Ion 78.00 (77.70 to 78.70): VV0



#15

Methyl Acetate

Concen: 0.478 ug/L

RT: 2.46 min Scan# 489

Delta R.T. -0.01 min

Lab File: VV006607.D

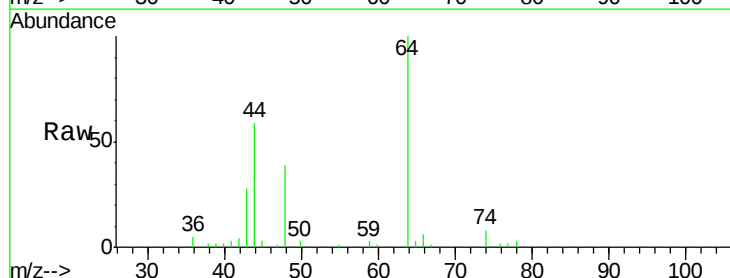
Acq: 13 Jul 2018 21:45

Tgt Ion: 43 Resp: 3712

Ion Ratio Lower Upper

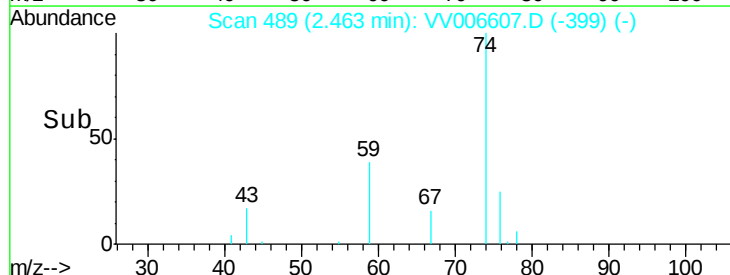
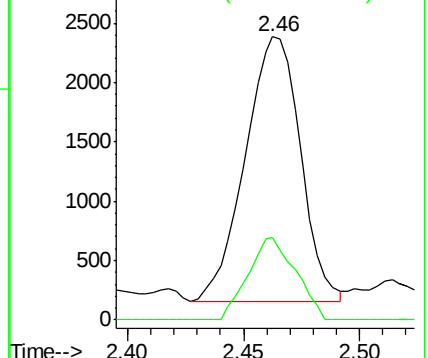
43 100

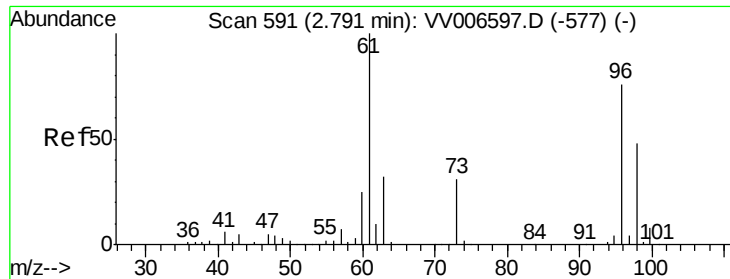
74 26.6 21.8 32.6



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 74.05 (73.75 to 74.75): VV0

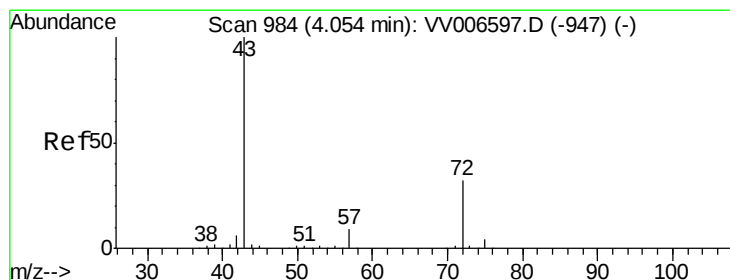
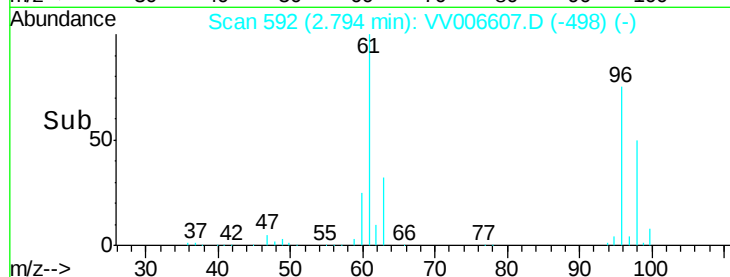
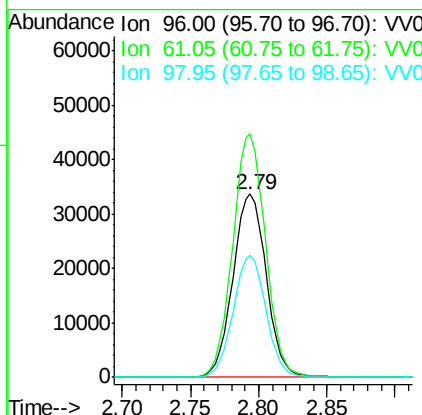
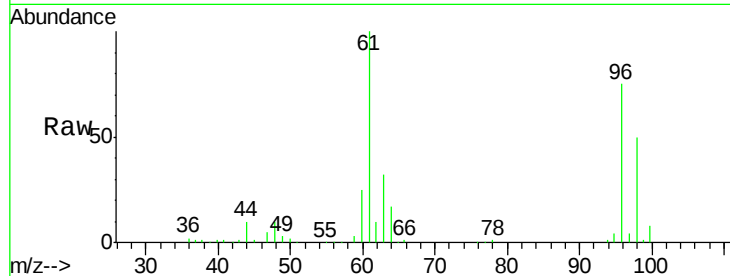




#18
 trans-1,2-Dichloroethene
 Concen: 2.785 ug/L
 RT: 2.79 min Scan# 592
 Delta R.T. 0.00 min
 Lab File: VV006607.D
 Acq: 13 Jul 2018 21:45

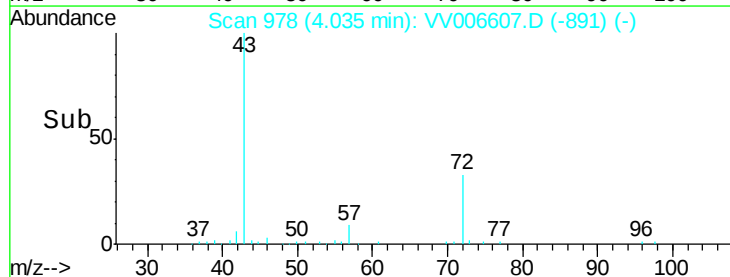
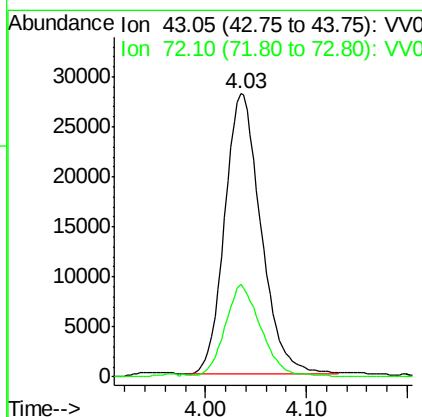
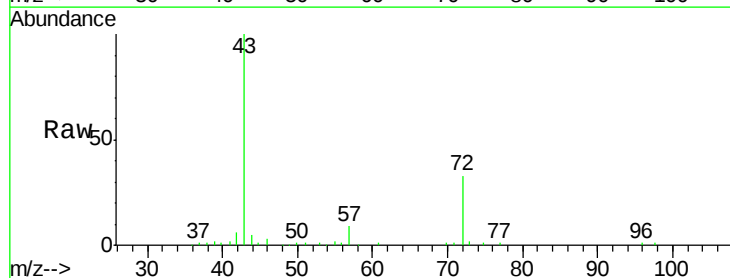
Instrument :
 MSVOA_V
 ClientSampleId :
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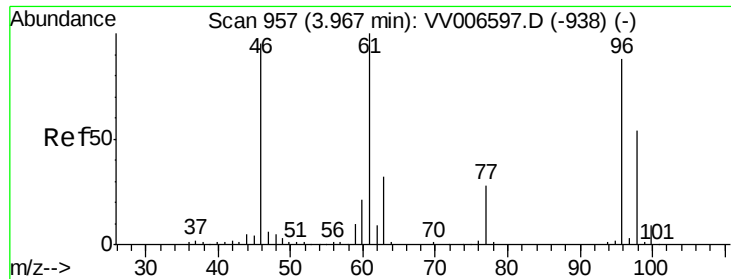
Tgt Ion: 96 Resp: 57429
 Ion Ratio Lower Upper
 96 100
 61 132.9 96.5 179.3
 98 66.4 45.1 83.7



#21
 2-Butanone
 Concen: 16.266 ug/L
 RT: 4.03 min Scan# 978
 Delta R.T. -0.02 min
 Lab File: VV006607.D
 Acq: 13 Jul 2018 21:45

Tgt Ion: 43 Resp: 70359
 Ion Ratio Lower Upper
 43 100
 72 32.8 15.1 45.3



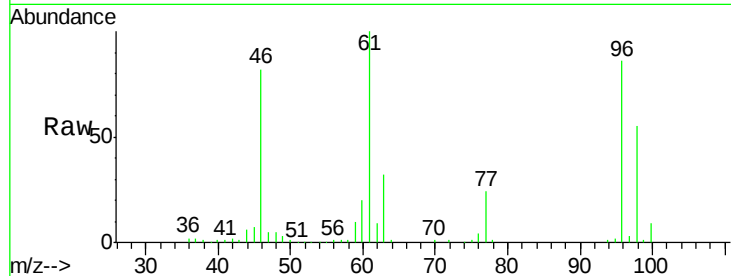


#22

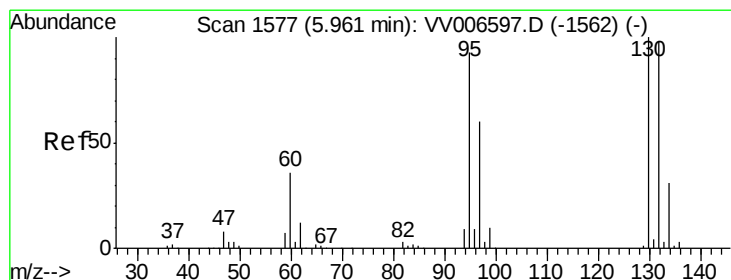
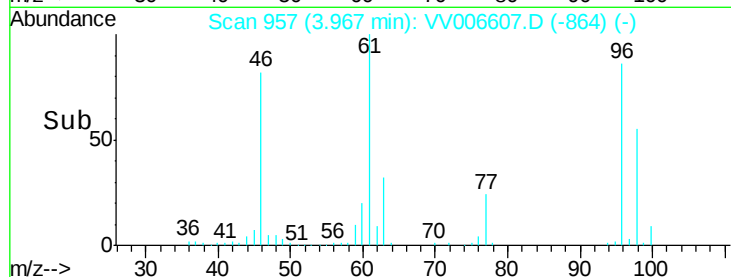
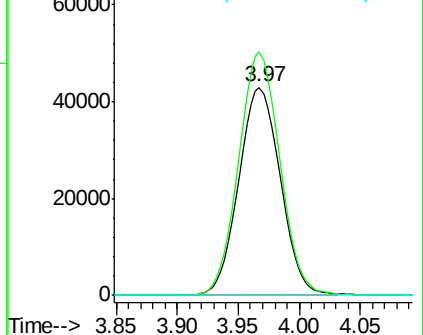
cis-1,2-Dichloroethene
Concen: 4.579 ug/L
RT: 3.97 min Scan# 957
Delta R.T. -0.00 min
Lab File: VV006607.D
Acq: 13 Jul 2018 21:45

Instrument :
MSVOA_V
ClientSampleId :
DB195

Tgt Ion: 96 Resp: 101432
Ion Ratio Lower Upper
96 100
61 116.9 83.8 155.6
68 0.0 0.0 0.0



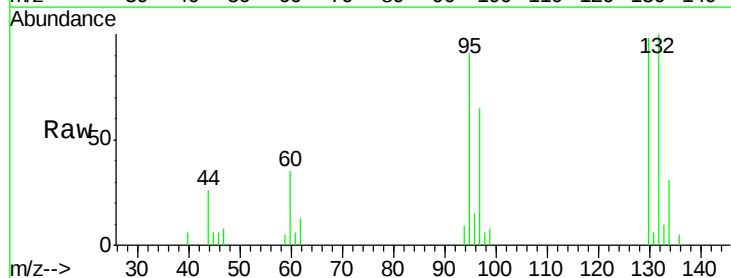
Abundance Ion 96.00 (95.70 to 96.70): VV0
Ion 61.05 (60.75 to 61.75): VV0
Ion 68.15 (67.85 to 68.85): VV0



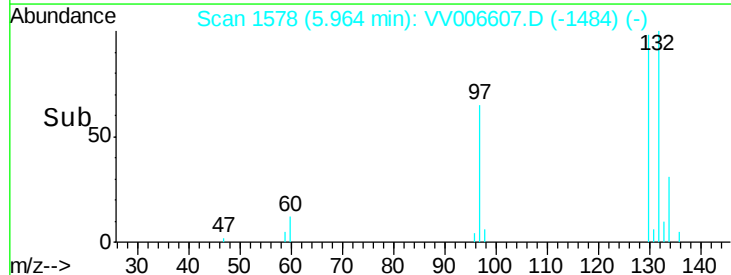
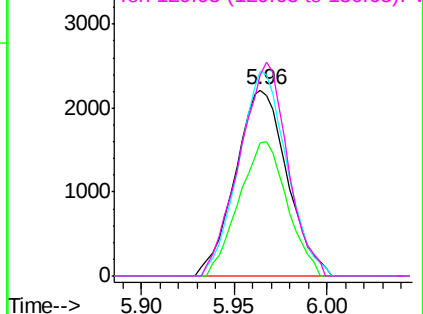
#34

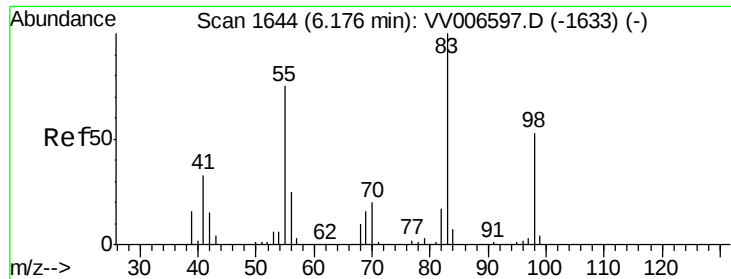
Trichloroethene
Concen: 0.200 ug/L
RT: 5.96 min Scan# 1578
Delta R.T. 0.00 min
Lab File: VV006607.D
Acq: 13 Jul 2018 21:45

Tgt Ion: 95 Resp: 4305
Ion Ratio Lower Upper
95 100
97 71.6 44.3 82.3
132 110.3 70.0 130.0
130 108.2 72.7 134.9



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): VV0
Ion 129.95 (129.65 to 130.65): VV0





#35
Methylcyclohexane
Concen: 0.686 ug/L
RT: 6.12 min Scan# 1628
Delta R.T. -0.05 min
Lab File: VV006607.D
Acq: 13 Jul 2018 21:45

Instrument :
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ClientSampleId :
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Tgt Ion: 83 Resp: 23746
Ion Ratio Lower Upper
83 100
55 0.1 58.3 87.5#
98 1.1 39.3 58.9#

