

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV071318\
 Data File : VV006606.D
 Acq On : 13 Jul 2018 21:18
 Operator : SY/MD
 Sample : J3985-03MSD
 Misc : 25 mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 DB192MSD

Quant Time: Jul 14 00:31:51 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	292771	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	269289	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	122906	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	93318	5.86	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	117.20%
7) Chloroethane-d5	1.57	69	72622	5.23	ug/L	-0.01
Spiked Amount	5.000	Range	65 - 130	Recovery	=	104.60%
11) 1,1-Dichloroethene-d2	2.13	63	165093	5.57	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	111.40%
20) 2-Butanone-d5	3.95	46	200881	49.69	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.38%
24) Chloroform-d	4.40	84	158584	5.07	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.40%
26) 1,2-Dichloroethane-d4	5.09	65	75547	5.19	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.80%
32) Benzene-d6	5.10	84	340967	5.55	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	111.00%
36) 1,2-Dichloropropane-d6	6.12	67	104911	5.27	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.40%
41) Toluene-d8	7.36	98	305246	5.56	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	111.20%
43) trans-1,3-Dichloropropene-	7.67	79	30816	4.56	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.20%
46) 2-Hexanone-d5	8.14	63	185361	54.32	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	108.64%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	78298	5.00	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.00%
64) 1,2-Dichlorobenzene-d4	11.68	152	114171	5.40	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.00%

Target Compounds

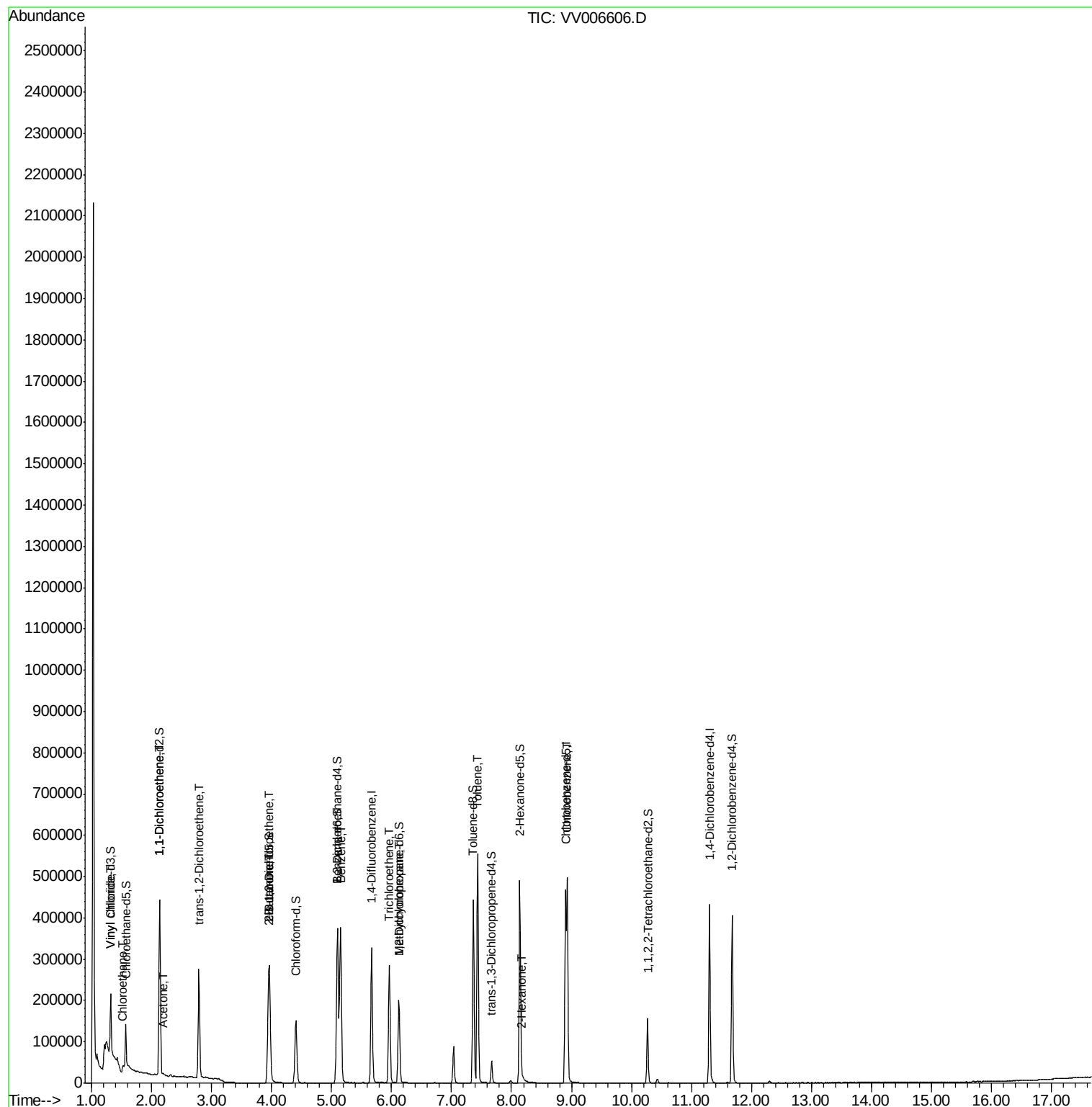
Target Compounds	R.T.	Qvalue	Response	Conc	Units	Qvalue
5) Vinyl chloride	1.32	62	23535	0.903	ug/L #	1
8) Chloroethane	1.52	64	12931	0.817	ug/L #	51
12) 1,1-Dichloroethene	2.14	96	89761	4.897	ug/L	96
13) Acetone	2.19	43	2584	1.011	ug/L	96
18) trans-1,2-Dichloroethene	2.79	96	102752	5.138	ug/L	94
21) 2-Butanone	3.94	43	1550	0.369	ug/L	93
22) cis-1,2-Dichloroethene	3.97	96	117712	5.479	ug/L	95
33) Benzene	5.15	78	394789	4.912	ug/L	100
34) Trichloroethene	5.96	95	99691	4.836	ug/L	98
35) Methylcyclohexane	6.12	83	24917	0.751	ug/L #	20
42) Toluene	7.44	91	412306	4.932	ug/L	99
48) 2-Hexanone	8.19	43	2783	0.394	ug/L #	37
51) Chlorobenzene	8.93	112	273549	5.002	ug/L	99

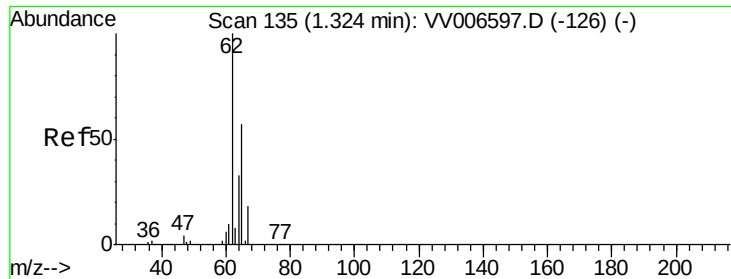
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#5

Vinyl chloride

Concen: 0.903 ug/L

RT: 1.32 min Scan# 135

Delta R.T. -0.00 min

Lab File: VV006606.D

Acq: 13 Jul 2018 21:18

Instrument :

MSVOA_V

ClientSampled :

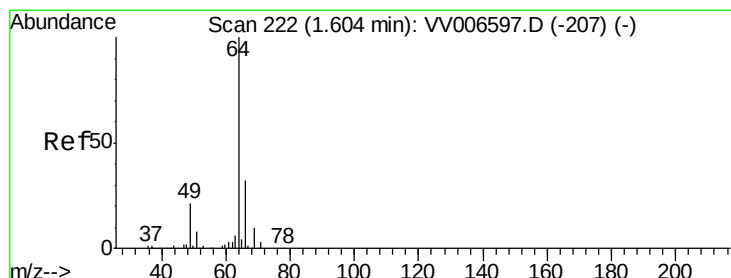
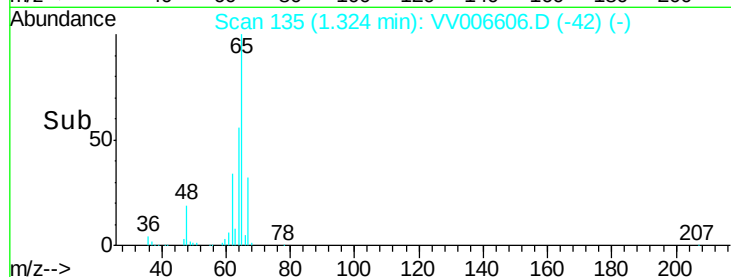
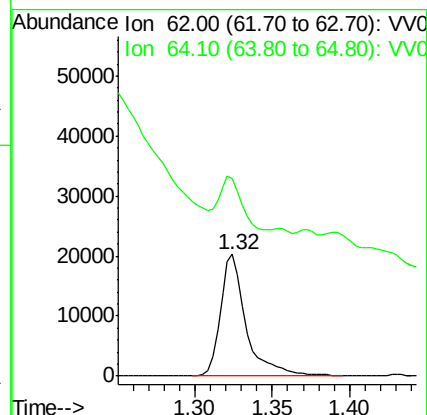
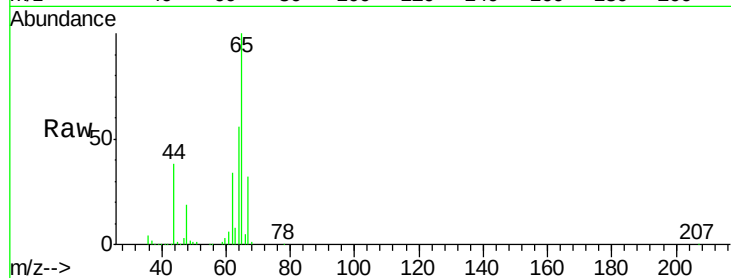
DB192MSD

Tgt Ion: 62 Resp: 23535

Ion Ratio Lower Upper

62 100

64 162.9 23.0 42.6#



#8

Chloroethane

Concen: 0.817 ug/L

RT: 1.52 min Scan# 197

Delta R.T. -0.08 min

Lab File: VV006606.D

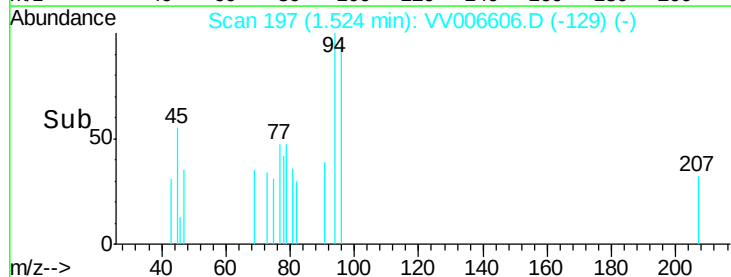
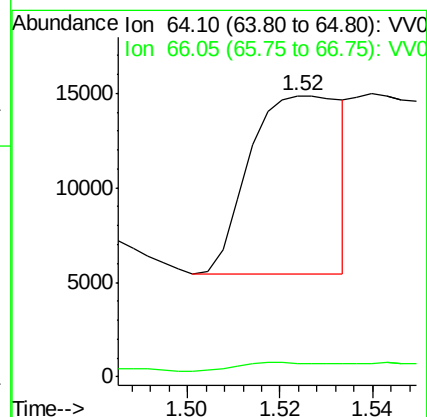
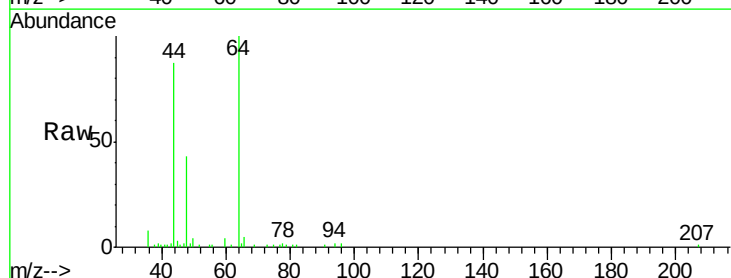
Acq: 13 Jul 2018 21:18

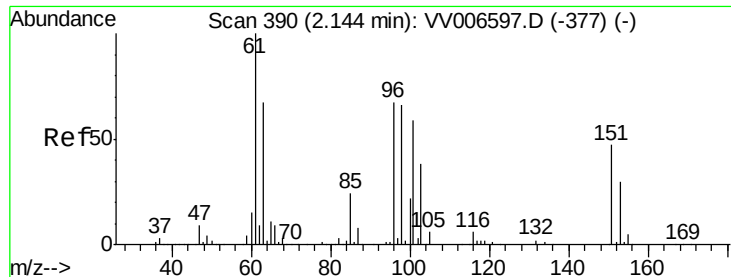
Tgt Ion: 64 Resp: 12931

Ion Ratio Lower Upper

64 100

66 5.0 22.5 41.7#

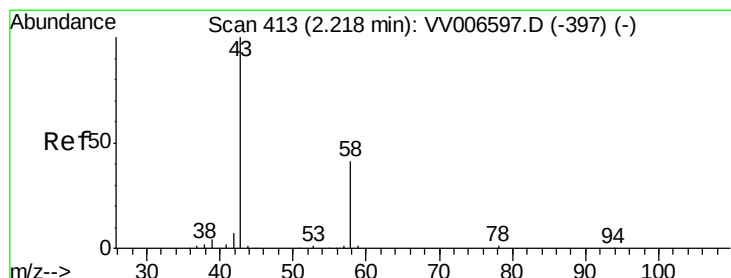
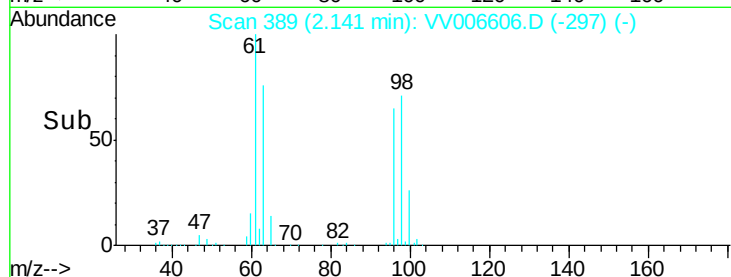
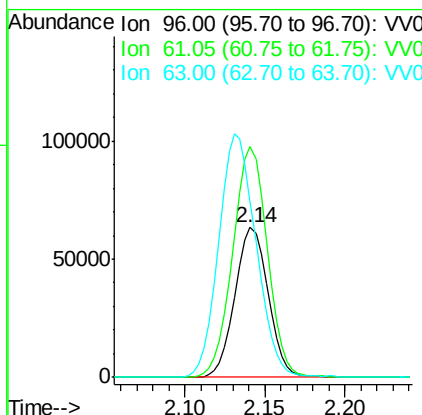
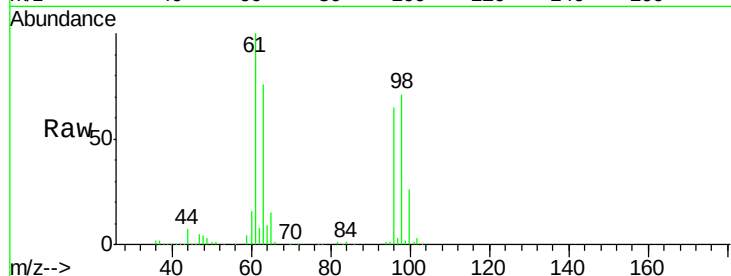




#12
 1,1-Dichloroethene
 Concen: 4.897 ug/L
 RT: 2.14 min Scan# 389
 Delta R.T. -0.00 min
 Lab File: VV006606.D
 Acq: 13 Jul 2018 21:18

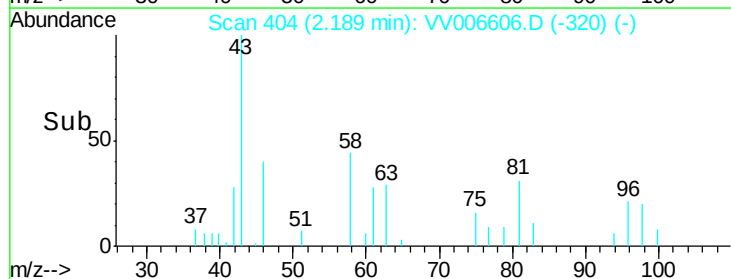
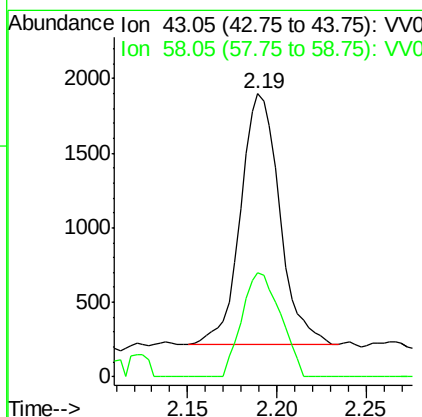
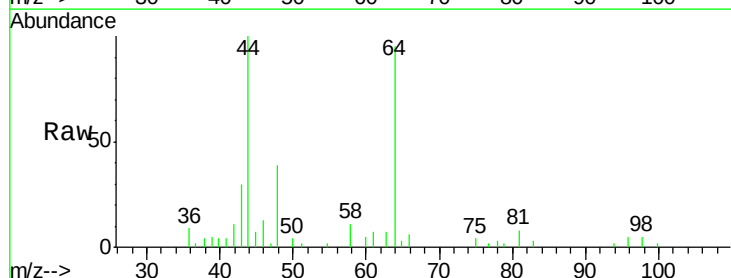
Instrument :
 MSVOA_V
 ClientSampleId :
 DB192MSD

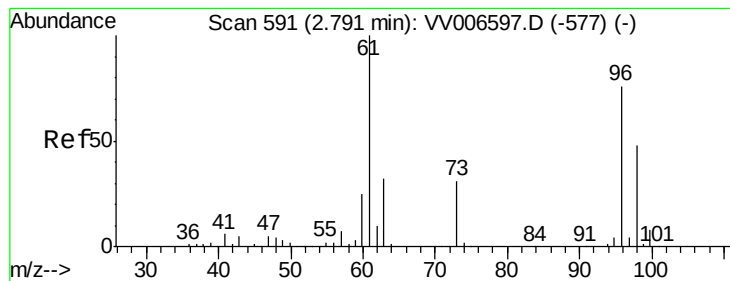
Tgt Ion: 96 Resp: 89761
 Ion Ratio Lower Upper
 96 100
 61 153.5 110.7 205.7
 63 116.9 79.0 146.8



#13
 Acetone
 Concen: 1.011 ug/L
 RT: 2.19 min Scan# 404
 Delta R.T. -0.03 min
 Lab File: VV006606.D
 Acq: 13 Jul 2018 21:18

Tgt Ion: 43 Resp: 2584
 Ion Ratio Lower Upper
 43 100
 58 40.8 0.0 76.2





#18

trans-1,2-Dichloroethene

Concen: 5.138 ug/L

RT: 2.79 min Scan# 591

Delta R.T. -0.00 min

Lab File: VV006606.D

Acq: 13 Jul 2018 21:18

Instrument :

MSVOA_V

ClientSampleId :

DB192MSD

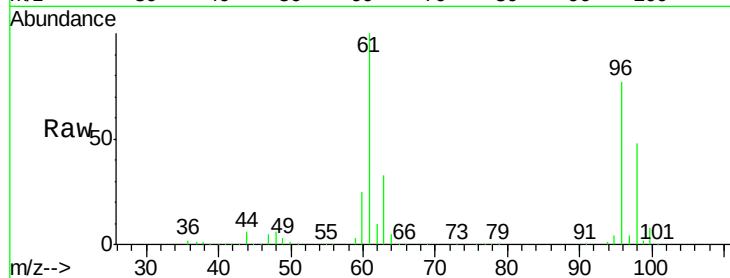
Tgt Ion: 96 Resp: 102752

Ion Ratio Lower Upper

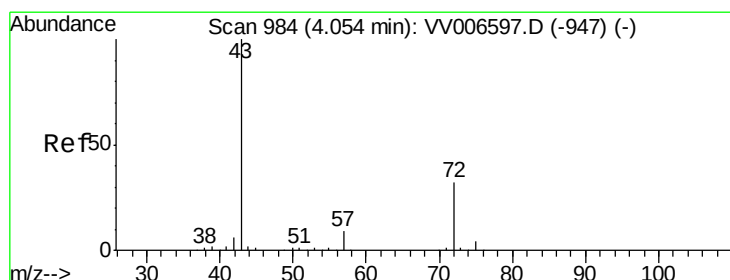
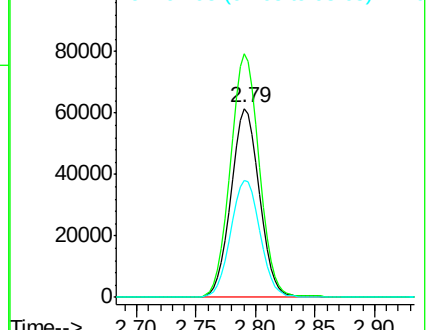
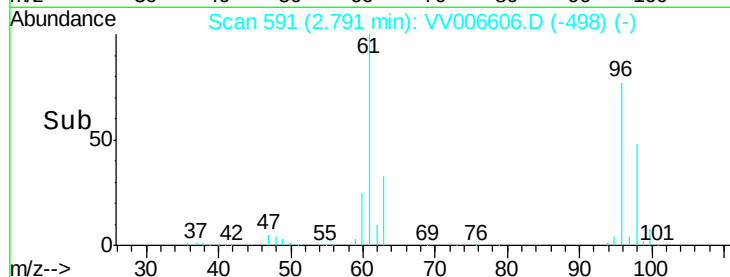
96 100

61 129.1 96.5 179.3

98 62.3 45.1 83.7



Abundance Ion 96.00 (95.70 to 96.70): VV006606.D (-498) (-)



#21

2-Butanone

Concen: 0.369 ug/L

RT: 3.94 min Scan# 950

Delta R.T. -0.11 min

Lab File: VV006606.D

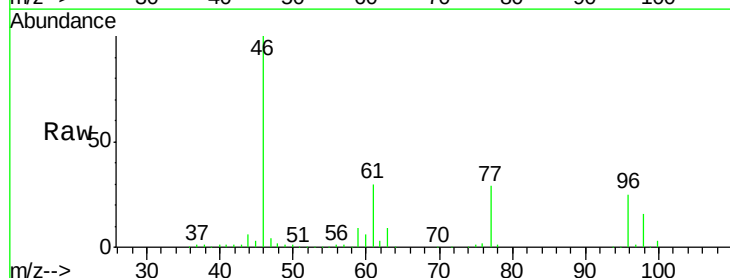
Acq: 13 Jul 2018 21:18

Tgt Ion: 43 Resp: 1550

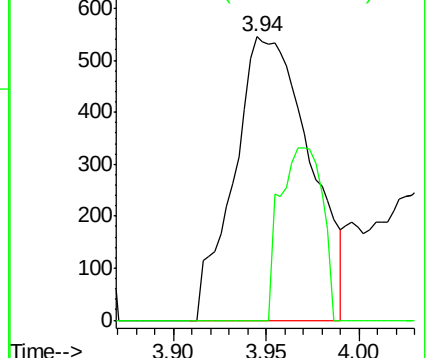
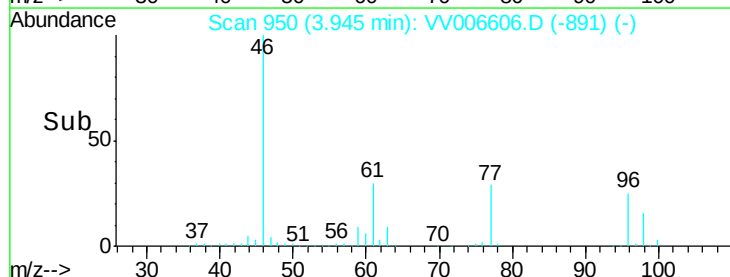
Ion Ratio Lower Upper

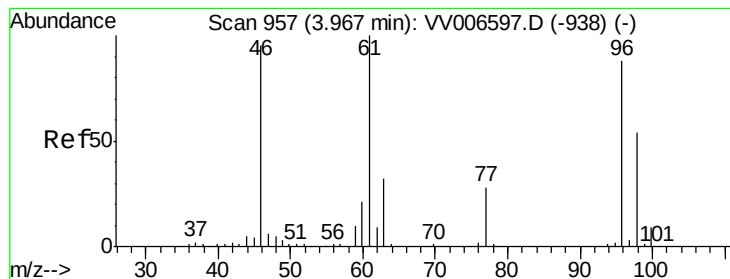
43 100

72 34.3 15.1 45.3



Abundance Ion 43.05 (42.75 to 43.75): VV006606.D (-891) (-)



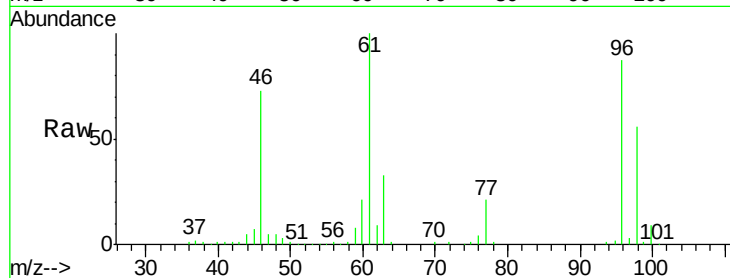


#22

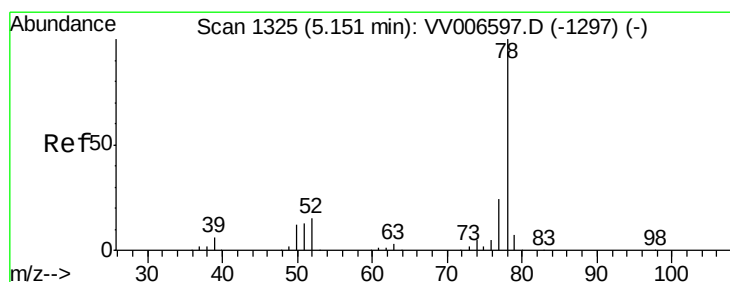
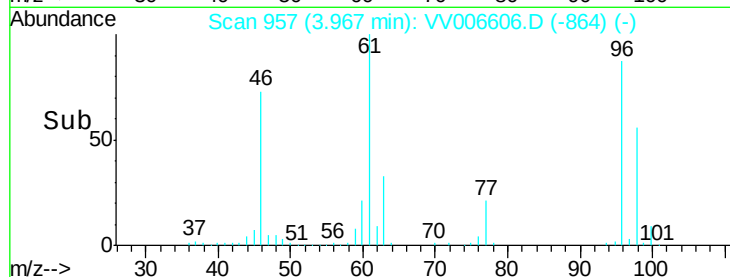
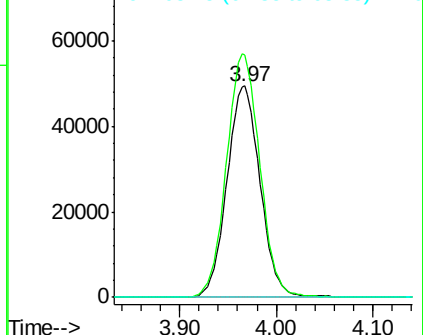
cis-1,2-Dichloroethene
 Concen: 5.479 ug/L
 RT: 3.97 min Scan# 957
 Delta R.T. -0.00 min
 Lab File: VV006606.D
 Acq: 13 Jul 2018 21:18

Instrument :
 MSVOA_V
 ClientSampleId :
 DB192MSD

Tgt Ion: 96 Resp: 117712
 Ion Ratio Lower Upper
 96 100
 61 114.6 83.8 155.6
 68 0.0 0.0 0.0



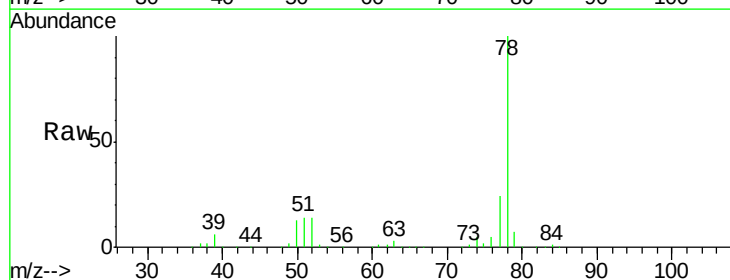
Abundance Ion 96.00 (95.70 to 96.70): VV0
 Ion 61.05 (60.75 to 61.75): VV0
 Ion 68.15 (67.85 to 68.85): VV0



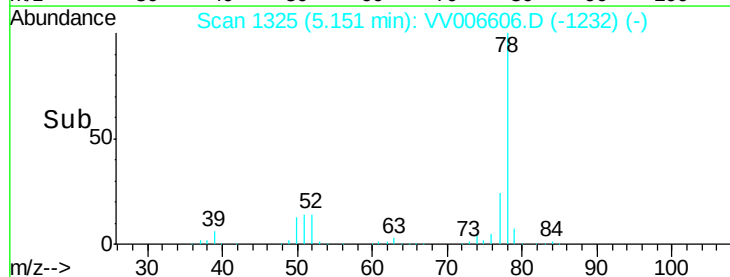
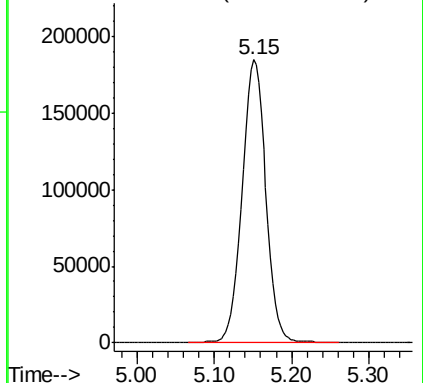
#33

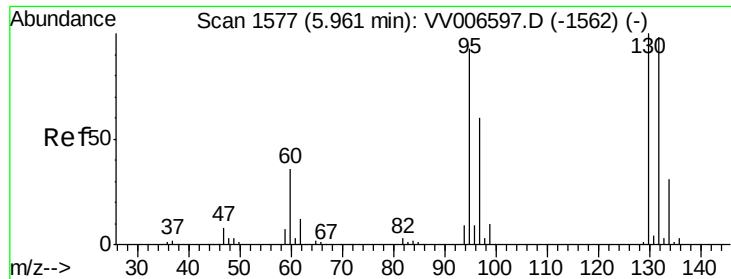
Benzene
 Concen: 4.912 ug/L
 RT: 5.15 min Scan# 1325
 Delta R.T. -0.00 min
 Lab File: VV006606.D
 Acq: 13 Jul 2018 21:18

Tgt Ion: 78 Resp: 394789



Abundance Ion 78.10 (77.80 to 78.80): VV0





#34

Trichloroethene

Concen: 4.836 ug/L

RT: 5.96 min Scan# 1578

Delta R.T. 0.00 min

Lab File: VV006606.D

Acq: 13 Jul 2018 21:18

Instrument :

MSVOA_V

ClientSampleId :

DB192MSD

Tgt Ion: 95 Resp: 99691

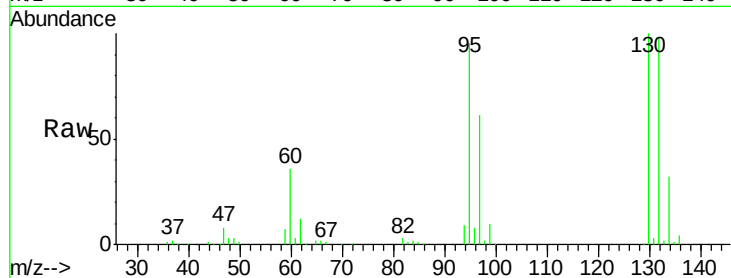
Ion Ratio Lower Upper

95 100

97 64.7 44.3 82.3

132 103.4 70.0 130.0

130 105.7 72.7 134.9

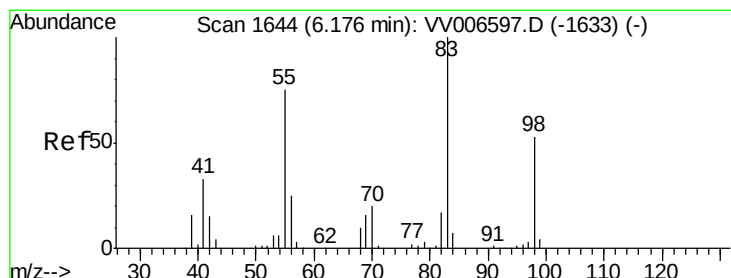
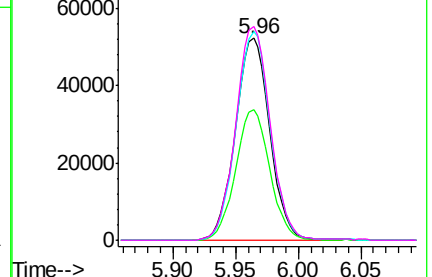
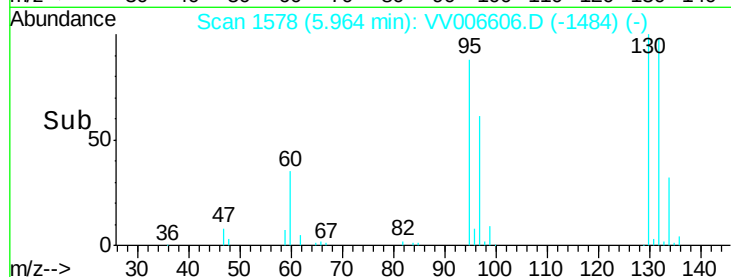


Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 96.95 (96.65 to 97.65): VV0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V



#35

Methylcyclohexane

Concen: 0.751 ug/L

RT: 6.12 min Scan# 1628

Delta R.T. -0.05 min

Lab File: VV006606.D

Acq: 13 Jul 2018 21:18

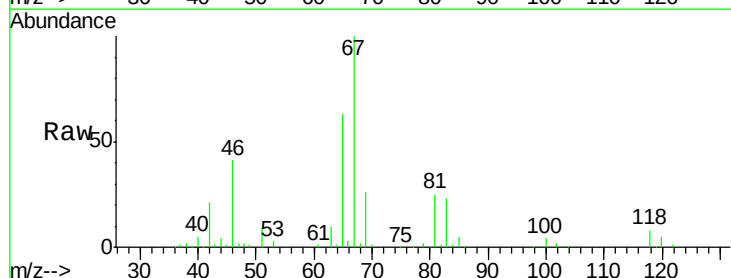
Tgt Ion: 83 Resp: 24917

Ion Ratio Lower Upper

83 100

55 0.0 58.3 87.5#

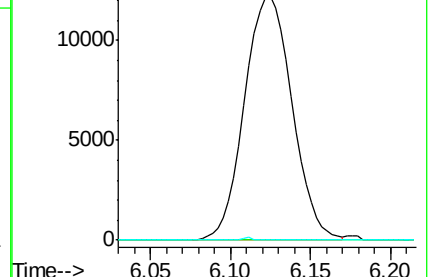
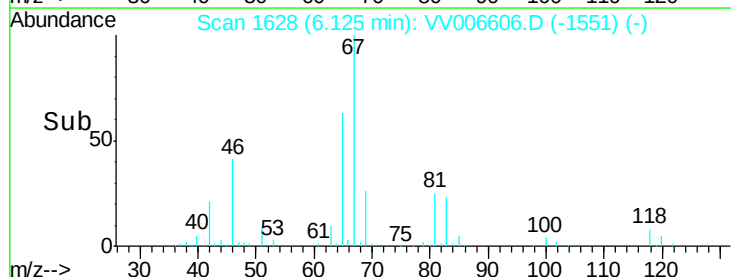
98 1.4 39.3 58.9#

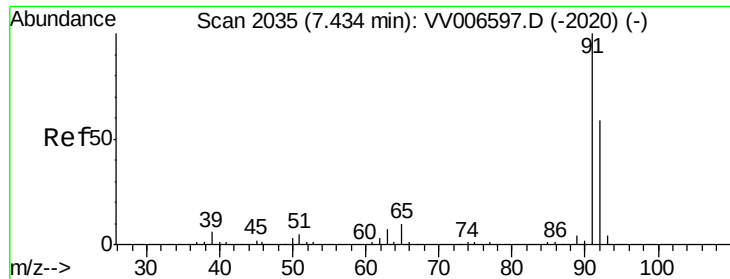


Abundance Ion 83.15 (82.85 to 83.85): VV0

Ion 55.10 (54.80 to 55.80): VV0

Ion 98.15 (97.85 to 98.85): VV0





#42

Toluene

Concen: 4.932 ug/L

RT: 7.44 min Scan# 2036

Delta R.T. 0.00 min

Lab File: VV006606.D

Acq: 13 Jul 2018 21:18

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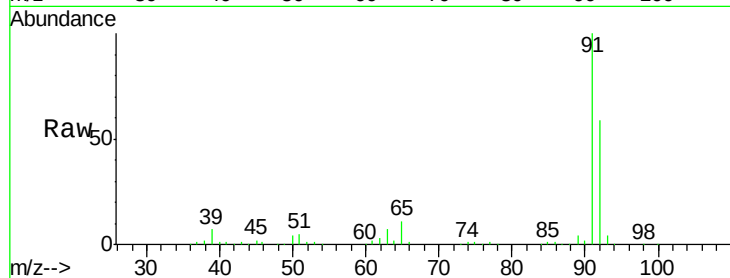
DB192MSD

Tgt Ion: 91 Resp: 412306

Ion Ratio Lower Upper

91 100

92 58.7 40.6 75.4



Abundance Ion 91.15 (90.85 to 91.85): VV006597.D (-2020) (-)

Ion 92.15 (91.85 to 92.85): VV006597.D (-2020) (-)

7.44

250000

200000

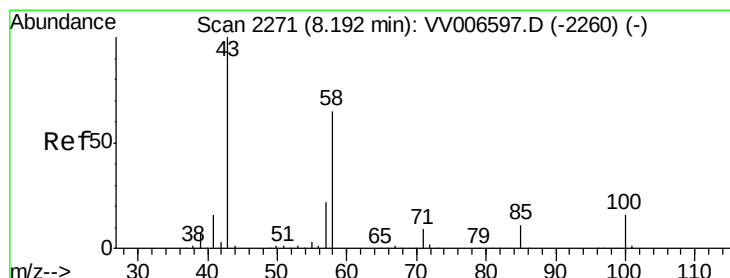
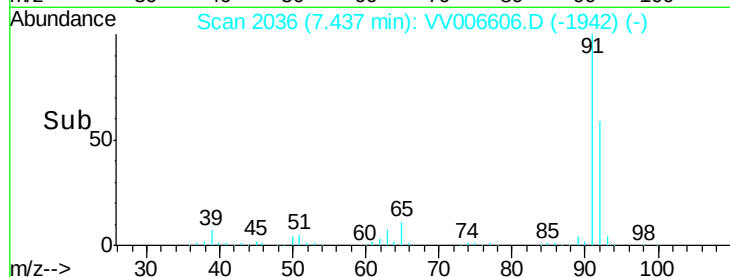
150000

100000

50000

0

Time-->



#48

2-Hexanone

Concen: 0.394 ug/L

RT: 8.19 min Scan# 2269

Delta R.T. -0.01 min

Lab File: VV006606.D

Acq: 13 Jul 2018 21:18

Tgt Ion: 43 Resp: 2783

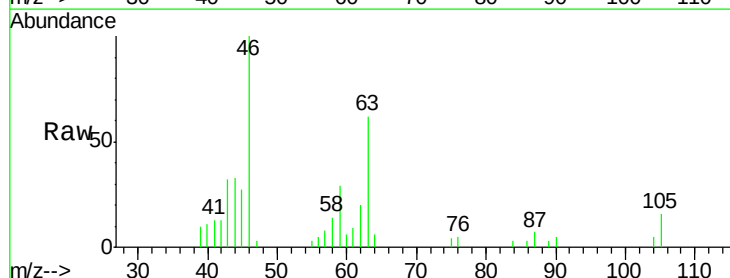
Ion Ratio Lower Upper

43 100

58 0.0 50.3 75.5#

57 8.9 17.0 25.4#

100 0.0 12.3 18.5#



Abundance Ion 43.05 (42.75 to 43.75): VV006597.D (-2260) (-)

Ion 58.05 (57.75 to 58.75): VV006597.D (-2260) (-)

Ion 57.20 (56.90 to 57.90): VV006597.D (-2260) (-)

Ion 100.15 (99.85 to 100.85): VV006597.D (-2260) (-)

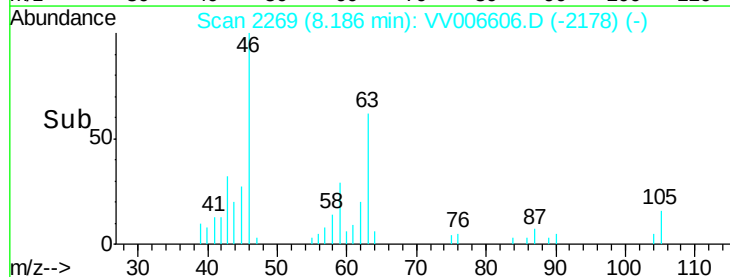
15000

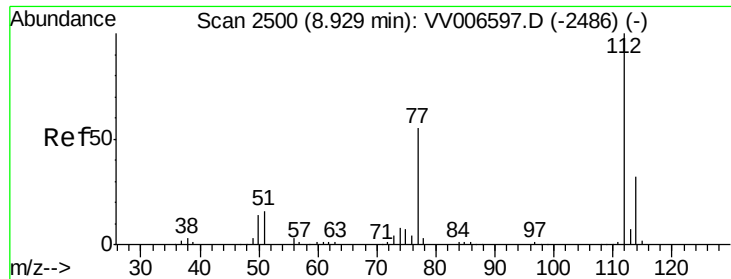
10000

5000

0

Time-->





#51

Chlorobenzene

Concen: 5.002 ug/L

RT: 8.93 min Scan# 2500

Delta R.T. -0.00 min

Lab File: VV006606.D

Acq: 13 Jul 2018 21:18

Instrument :

MSVOA_V

ClientSampleId :

DB192MSD

Tgt Ion:112 Resp: 273549

Ion Ratio Lower Upper

112 100

114 31.9 22.3 41.5

77 55.5 45.1 67.7

