

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV071318\
 Data File : VV006605.D
 Acq On : 13 Jul 2018 20:51
 Operator : SY/MD
 Sample : J3985-02MS
 Misc : 25 mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 DB192MS

Quant Time: Jul 16 12:07:29 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	282442	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	262089	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	117155	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	96228	6.27	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	125.40%
7) Chloroethane-d5	1.57	69	75214	5.61	ug/L	-0.01
Spiked Amount	5.000	Range	65 - 130	Recovery	=	112.20%
11) 1,1-Dichloroethene-d2	2.13	63	169629	5.94	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	118.80%
20) 2-Butanone-d5	3.95	46	204141	52.34	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.68%
24) Chloroform-d	4.41	84	159153	5.27	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.40%
26) 1,2-Dichloroethane-d4	5.09	65	77535	5.52	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	110.40%
32) Benzene-d6	5.10	84	351878	5.88	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	117.60%
36) 1,2-Dichloropropane-d6	6.12	67	106210	5.48	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	109.60%
41) Toluene-d8	7.36	98	313765	5.87	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	117.40%
43) trans-1,3-Dichloropropene-	7.67	79	32891	5.00	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	100.00%
46) 2-Hexanone-d5	8.14	63	183639	55.29	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	110.58%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	78189	5.13	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.60%
64) 1,2-Dichlorobenzene-d4	11.68	152	116798	5.80	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	116.00%

Target Compounds

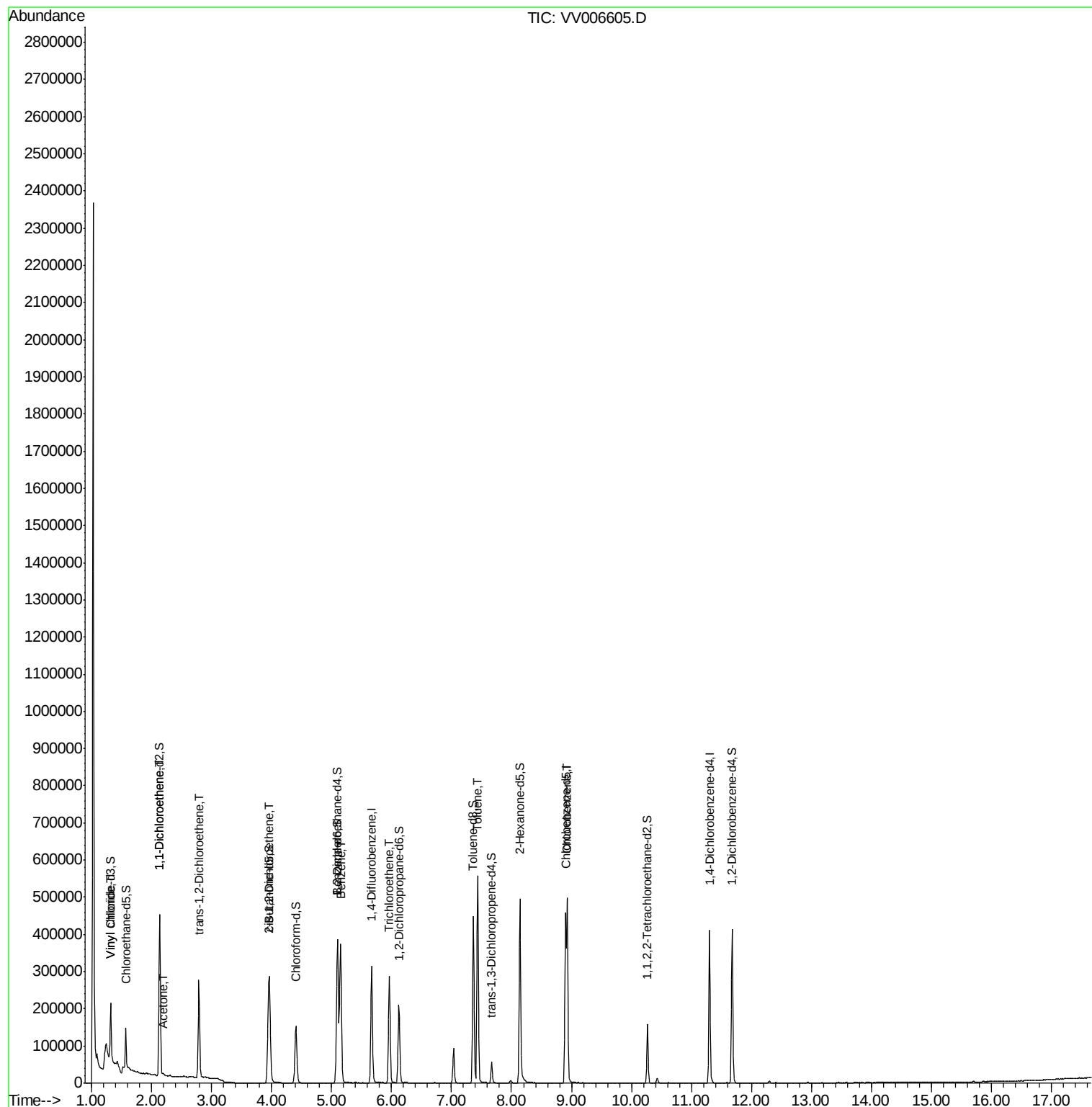
					Ovalue
5) Vinyl chloride	1.32	62	24830	0.99	ug/L # 1
12) 1,1-Dichloroethene	2.14	96	90212	5.10	ug/L 95
13) Acetone	2.19	43	2798	1.13	ug/L 96
18) trans-1,2-Dichloroethene	2.79	96	102353	5.31	ug/L 96
22) cis-1,2-Dichloroethene	3.96	96	116912	5.64	ug/L 94
33) Benzene	5.15	78	394754	5.05	ug/L 100
34) Trichloroethene	5.96	95	100403	5.00	ug/L 99
42) Toluene	7.44	91	415998	5.11	ug/L 99
51) Chlorobenzene	8.93	112	275867	5.18	ug/L 99

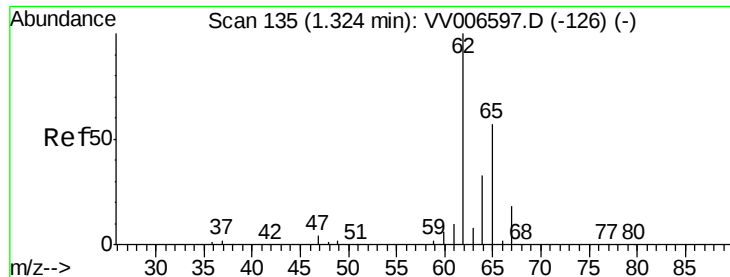
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Jul 14 00:30:59 2018
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 0.99 ug/L

RT: 1.32 min Scan# 135

Delta R.T. -0.00 min

Lab File: VV006605.D

Acq: 13 Jul 2018 20:51

Instrument :

MSVOA_V

ClientSampled :

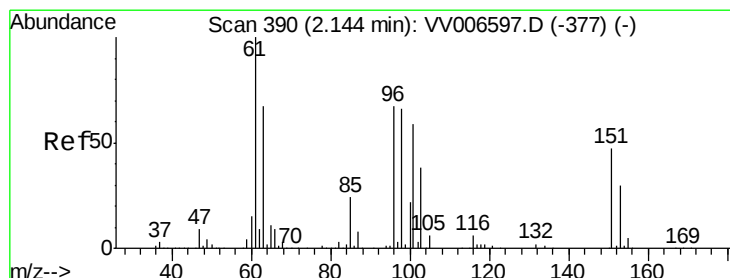
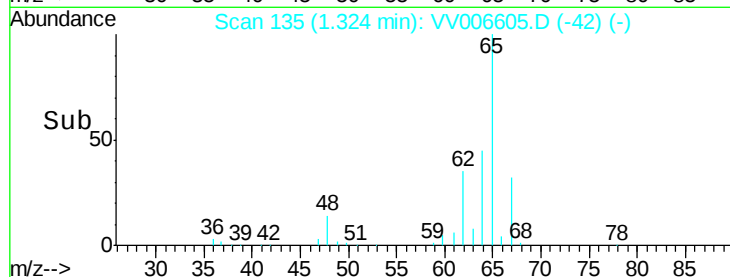
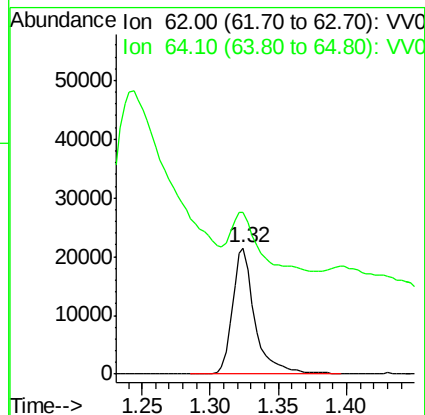
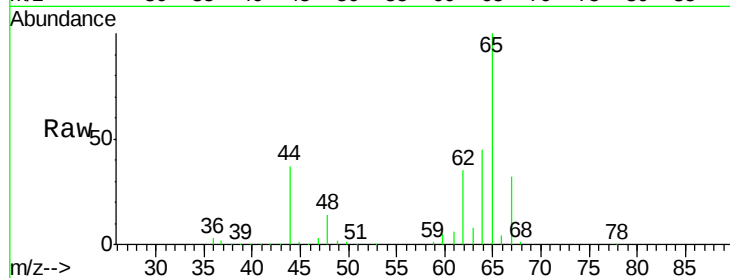
DB192MS

Tot Ion: 62 Resp: 24830

Ion Ratio Lower Upper

62 100

64 127.5 23.0 42.6#



#12

1,1-Dichloroethene

Concen: 5.10 ug/L

RT: 2.14 min Scan# 389

Delta R.T. -0.00 min

Lab File: VV006605.D

Acq: 13 Jul 2018 20:51

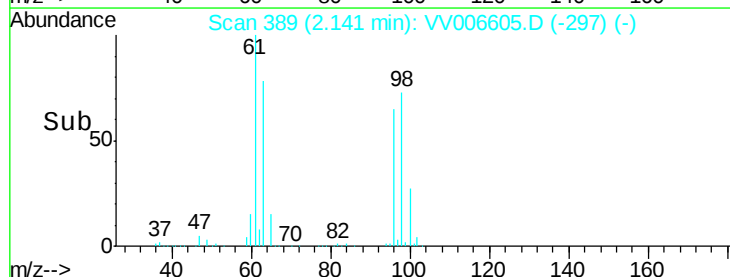
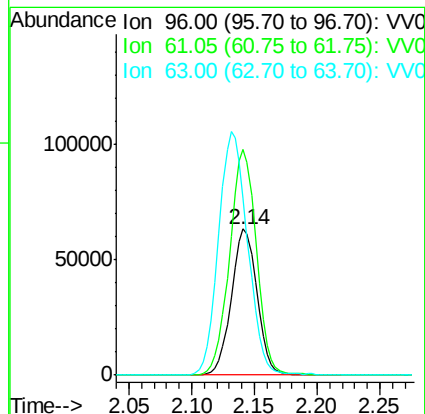
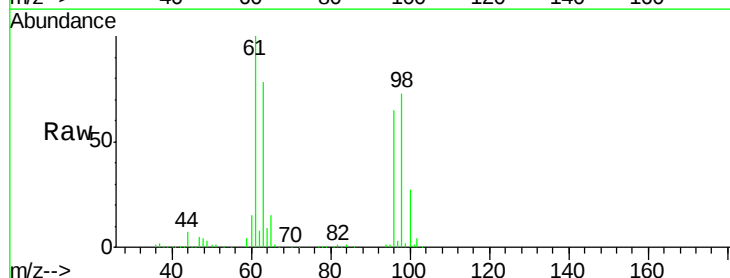
Tgt Ion: 96 Resp: 90212

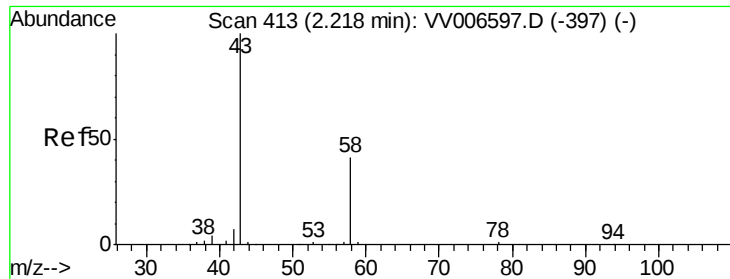
Ion Ratio Lower Upper

96 100

61 154.7 110.7 205.7

63 121.1 79.0 146.8





#13

Acetone

Concen: 1.13 ug/L

RT: 2.19 min Scan# 405

Delta R.T. -0.03 min

Lab File: VV006605.D

Acq: 13 Jul 2018 20:51

Instrument :

MSVOA_V

ClientSampleId :

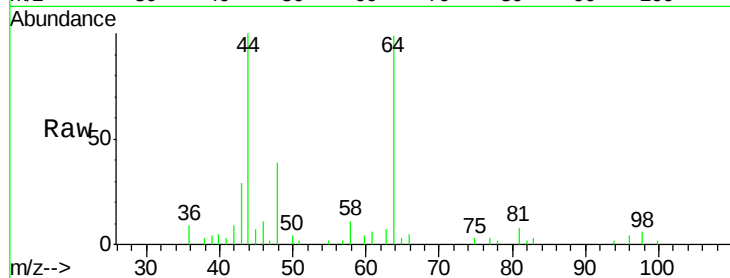
DB192MS

Tot Ion: 43 Resp: 2798

Ion Ratio Lower Upper

43 100

58 40.2 0.0 76.2



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0

2.19

2000

1500

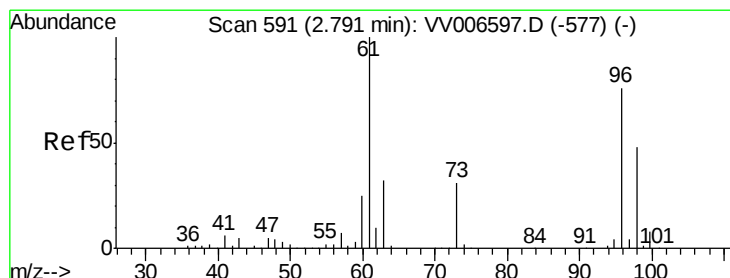
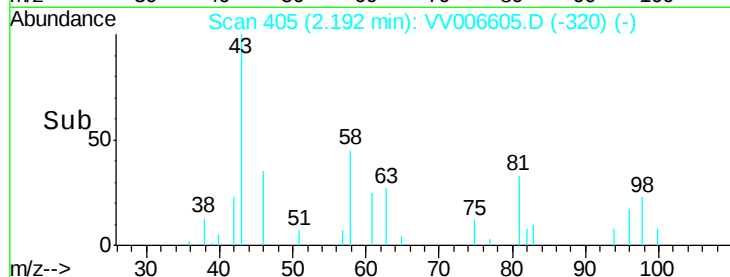
1000

500

0

Time-->

2.15 2.20 2.25



#18

trans-1,2-Dichloroethene

Concen: 5.31 ug/L

RT: 2.79 min Scan# 591

Delta R.T. -0.00 min

Lab File: VV006605.D

Acq: 13 Jul 2018 20:51

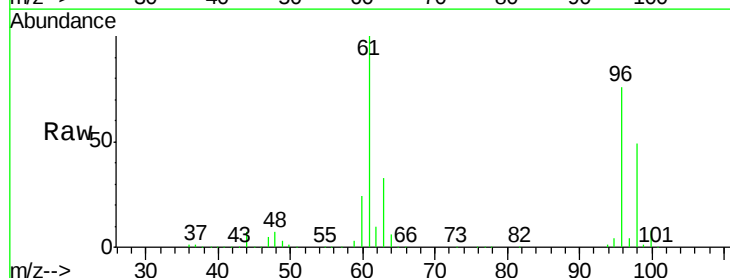
Tgt Ion: 96 Resp: 102353

Ion Ratio Lower Upper

96 100

61 131.7 96.5 179.3

98 64.2 45.1 83.7



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

100000

80000

60000

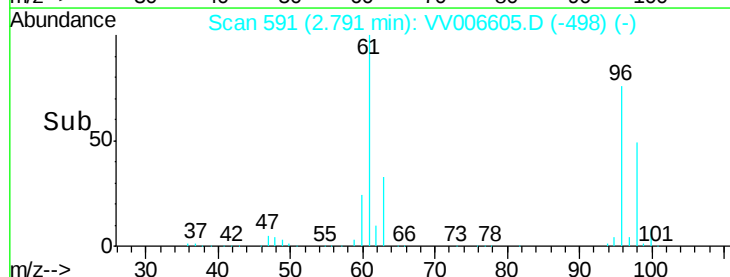
40000

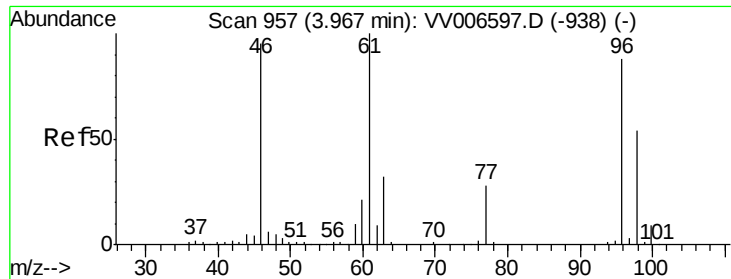
20000

0

Time-->

2.70 2.75 2.80 2.85





#22

cis-1,2-Dichloroethene

Concen: 5.64 ug/L

RT: 3.96 min Scan# 956

Delta R.T. -0.00 min

Lab File: VV006605.D

Acq: 13 Jul 2018 20:51

Instrument :

MSVOA_V

ClientSampleId :

DB192MS

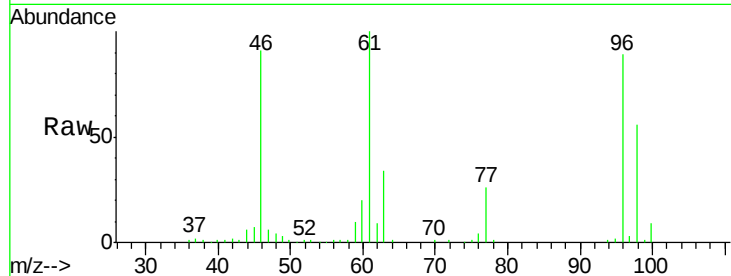
Tot Ion: 96 Resp: 116912

Ion Ratio Lower Upper

96 100

61 112.7 83.8 155.6

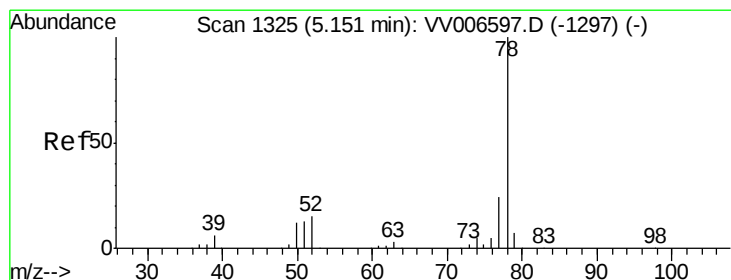
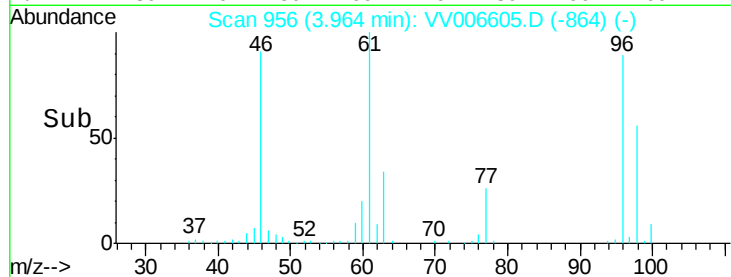
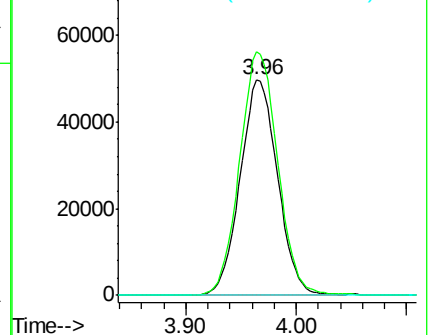
68 0.0 0.0 0.0



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) (-)



#33

Benzene

Concen: 5.05 ug/L

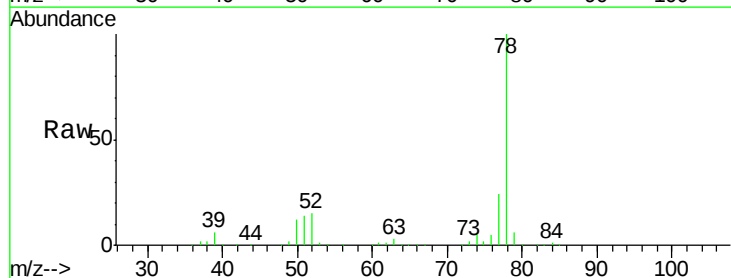
RT: 5.15 min Scan# 1325

Delta R.T. -0.00 min

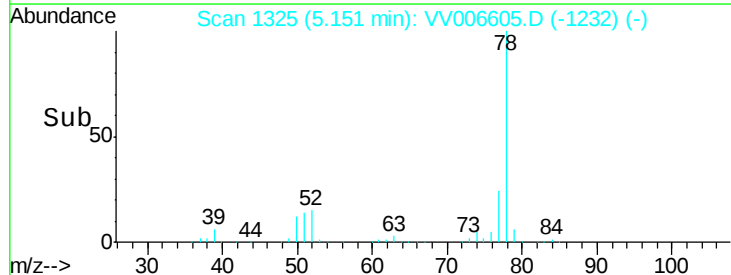
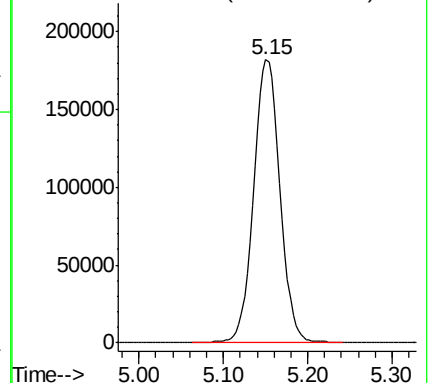
Lab File: VV006605.D

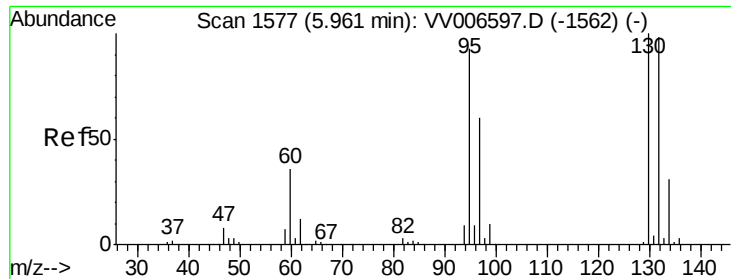
Acq: 13 Jul 2018 20:51

Tgt Ion: 78 Resp: 394754



Abundance Ion 78.10 (77.80 to 78.80): VV006597.D (-1297) (-)

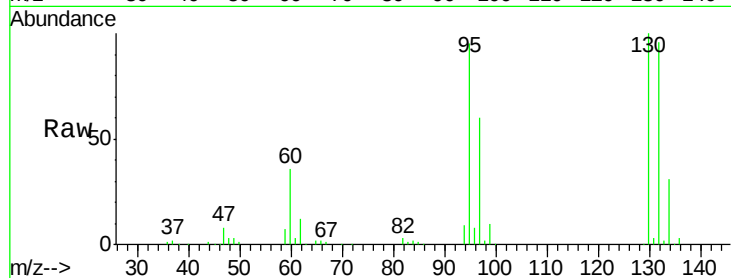




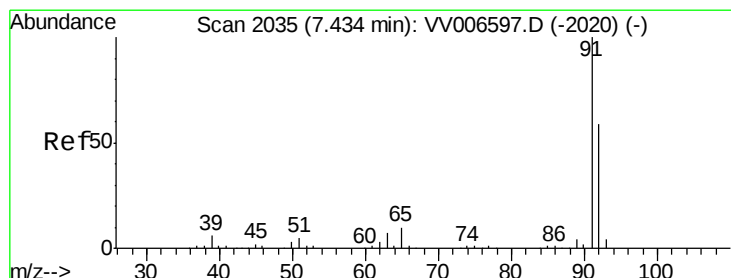
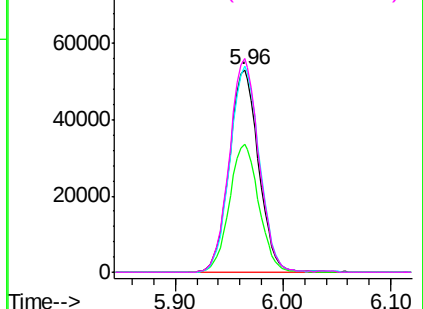
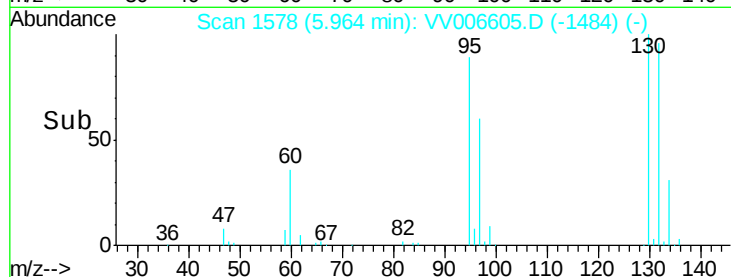
#34
 Trichloroethene
 Concen: 5.00 ug/L
 RT: 5.96 min Scan# 1578
 Delta R.T. 0.00 min
 Lab File: VV006605.D
 Acq: 13 Jul 2018 20:51

Instrument :
 MSVOA_V
 ClientSampleId :
 DB192MS

Tot Ion: 95 Resp: 100403
 Ion Ratio Lower Upper
 95 100
 97 63.5 44.3 82.3
 132 101.7 70.0 130.0
 130 105.4 72.7 134.9

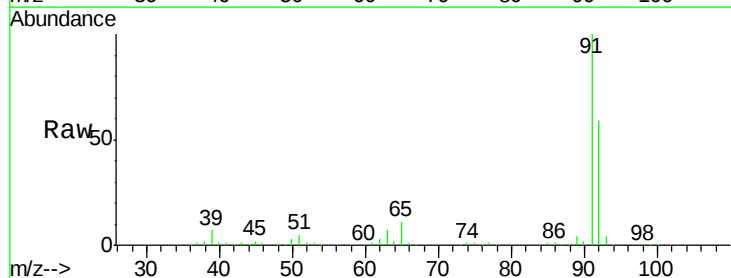


Abundance Ion 95.00 (94.70 to 95.70): VV0
 Ion 96.95 (96.65 to 97.65): VV0
 Ion 131.95 (131.65 to 132.65): V
 Ion 129.95 (129.65 to 130.65): V

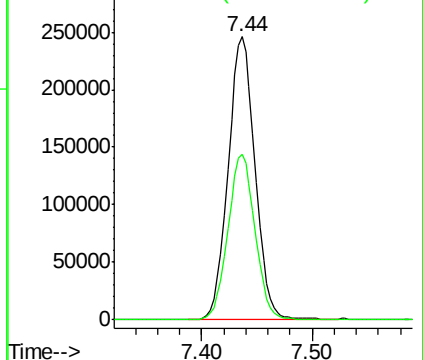
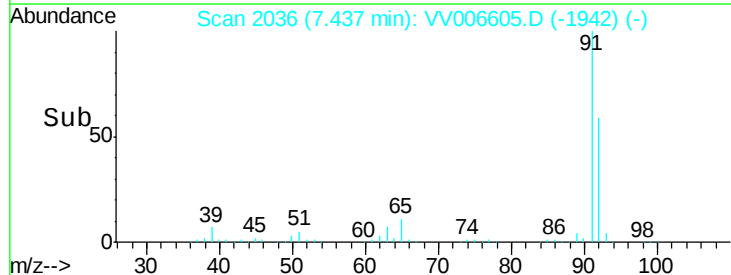


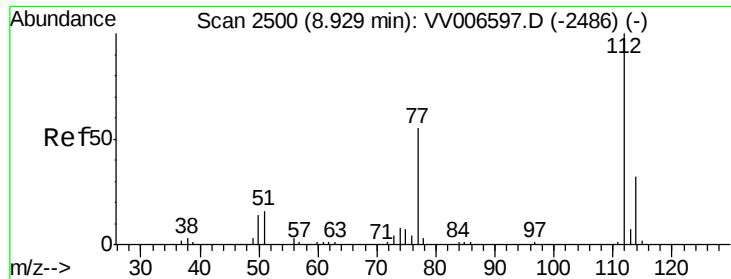
#42
 Toluene
 Concen: 5.11 ug/L
 RT: 7.44 min Scan# 2036
 Delta R.T. 0.00 min
 Lab File: VV006605.D
 Acq: 13 Jul 2018 20:51

Tgt Ion: 91 Resp: 415998
 Ion Ratio Lower Upper
 91 100
 92 58.7 40.6 75.4



Abundance Ion 91.15 (90.85 to 91.85): VV0
 Ion 92.15 (91.85 to 92.85): VV0





#51

Chlorobenzene

Concen: 5.18 ug/L

RT: 8.93 min Scan# 2500

Delta R.T. -0.00 min

Lab File: VV006605.D

Acq: 13 Jul 2018 20:51

Instrument :
MSVOA_V
ClientSampleId :
DB192MS

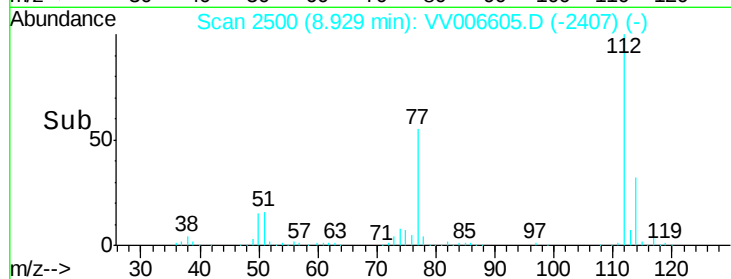
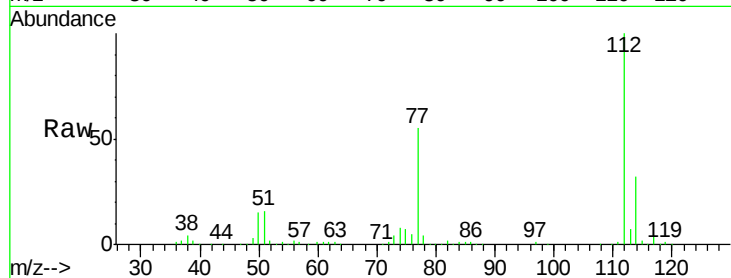
Tot Ion:112 Resp: 275867

Ion Ratio Lower Upper

112 100

114 32.0 22.3 41.5

77 54.8 45.1 67.7



Abundance Ion 112.10 (111.80 to 112.80): V
Ion 114.05 (113.75 to 114.75): V
Ion 77.10 (76.80 to 77.80): VV0

