

Data File : VV007676.D
Acq On : 21 Sep 2018 01:05
Operator : SY/MD
Sample : J4990-04
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 35 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0T06

Quant Time: Sep 21 03:30:26 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR091918WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Sep 21 03:27:29 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	101869	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	93459	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	49627	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	17702	4.23	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.60%
7) Chloroethane-d5	1.59	69	18903	4.81	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.20%
11) 1,1-Dichloroethene-d2	2.13	63	33385	3.01	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	60.20%
20) 2-Butanone-d5	3.96	46	52731	49.37	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.74%
24) Chloroform-d	4.41	84	45114	4.52	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.40%
26) 1,2-Dichloroethane-d4	5.09	65	23711	4.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.20%
32) Benzene-d6	5.10	84	84999	4.59	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.80%
36) 1,2-Dichloropropane-d6	6.12	67	24809	4.54	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.80%
41) Toluene-d8	7.36	98	84381	4.42	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.40%
43) trans-1,3-Dichloropropene-	7.67	79	8836	4.02	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.40%
46) 2-Hexanone-d5	8.14	63	37273	43.52	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	87.04%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	20894	4.61	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.20%
64) 1,2-Dichlorobenzene-d4	11.68	152	38704	4.72	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.40%

Target Compounds

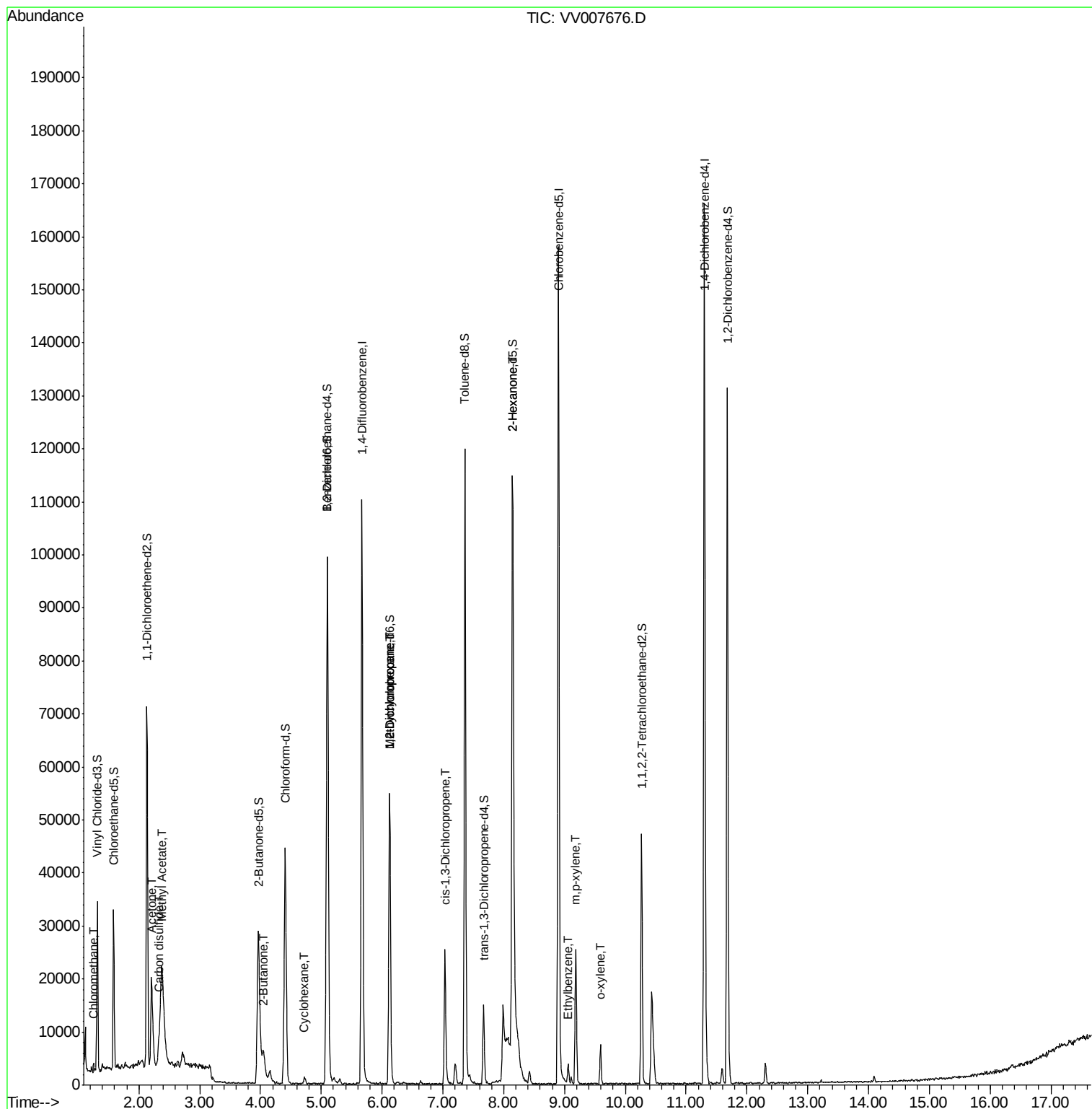
					Qvalue
3) Chloromethane	1.25	50	992	0.156 ug/L	98
13) Acetone	2.21	43	20460	19.885 ug/L	99
14) Carbon disulfide	2.32	76	4115	0.208 ug/L	100
15) Methyl Acetate	2.37	43	11434	4.508 ug/L #	49
21) 2-Butanone	4.05	43	2708	2.087 ug/L #	72
30) Cyclohexane	4.72	56	736	0.078 ug/L #	77
35) Methylcyclohexane	6.13	83	6436	0.571 ug/L #	20
37) 1,2-Dichloropropane	6.12	63	3190	0.532 ug/L #	85
39) cis-1,3-Dichloropropene	7.03	75	684	0.079 ug/L #	82
48) 2-Hexanone	8.14	43	6752	2.940 ug/L #	92
52) Ethylbenzene	9.06	91	2944	0.092 ug/L	93
53) m,p-xylene	9.19	106	8203	0.653 ug/L	92
54) o-xylene	9.59	106	2187	0.177 ug/L	82

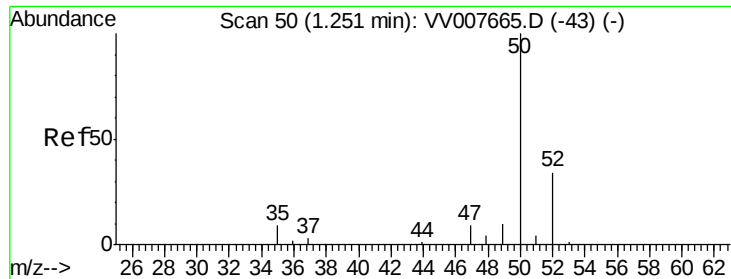
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VV007676.D
Acq On : 21 Sep 2018 01:05
Operator : SY/MD
Sample : J4990-04
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 35 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0T06

Quant Time: Sep 21 03:30:26 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR091918WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Sep 21 03:27:29 2018
Response via : Initial Calibration





#3

Chloromethane

Concen: 0.156 ug/L

RT: 1.25 min Scan# 50

Delta R.T. 0.00 min

Lab File: VV007676.D

Acq: 21 Sep 2018 01:05

Instrument :

MSVOA_V

ClientSampled :

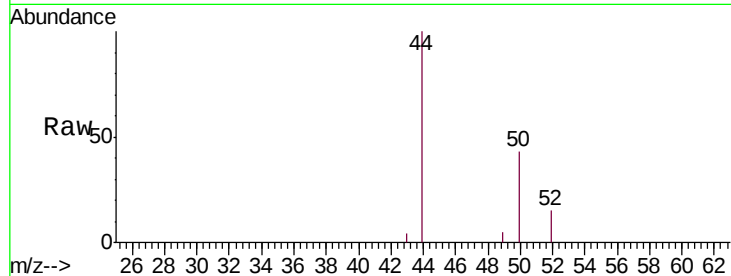
C0T06

Tgt Ion: 50 Resp: 992

Ion Ratio Lower Upper

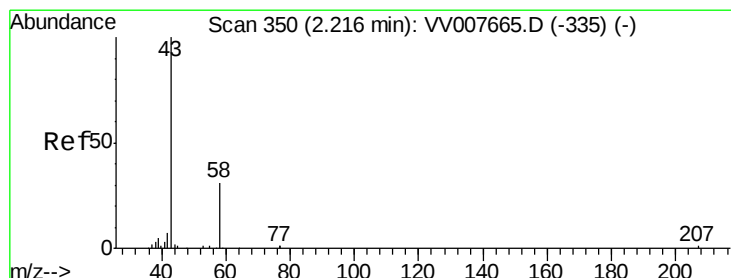
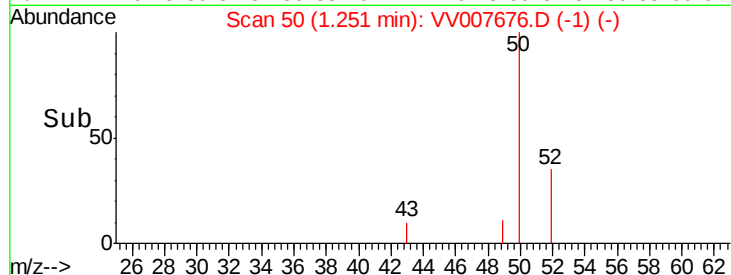
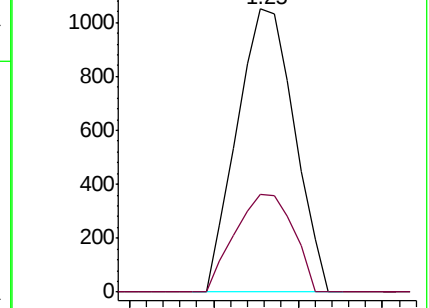
50 100

52 34.5 23.2 43.2



Abundance Ion 50.05 (49.75 to 50.75): VV0

Ion 52.05 (51.75 to 52.75): VV0



#13

Acetone

Concen: 19.885 ug/L

RT: 2.21 min Scan# 348

Delta R.T. -0.01 min

Lab File: VV007676.D

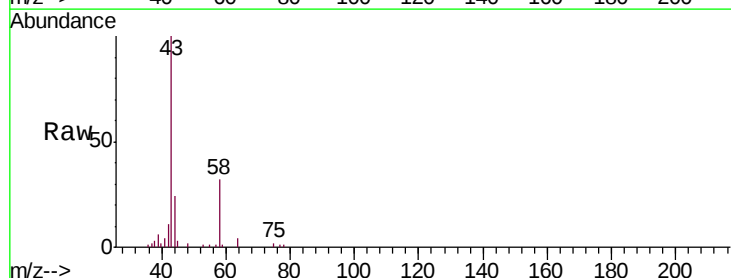
Acq: 21 Sep 2018 01:05

Tgt Ion: 43 Resp: 20460

Ion Ratio Lower Upper

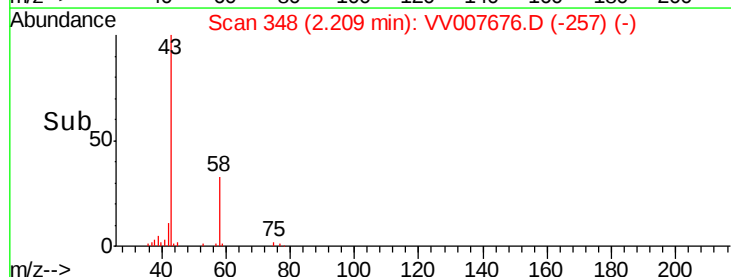
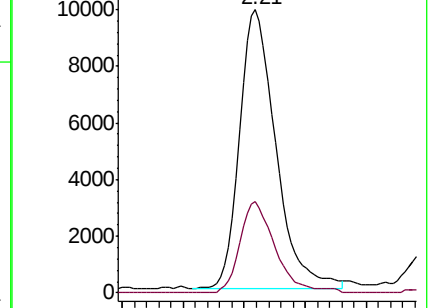
43 100

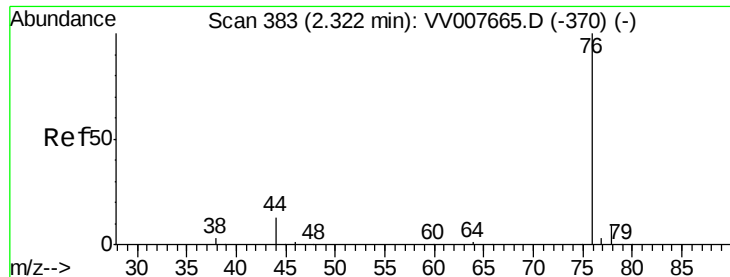
58 31.0 0.0 63.6



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0





#14

Carbon disulfide

Concen: 0.208 ug/L

RT: 2.32 min Scan# 383

Delta R.T. 0.00 min

Lab File: VV007676.D

Acq: 21 Sep 2018 01:05

Instrument :

MSVOA_V

ClientSampled :

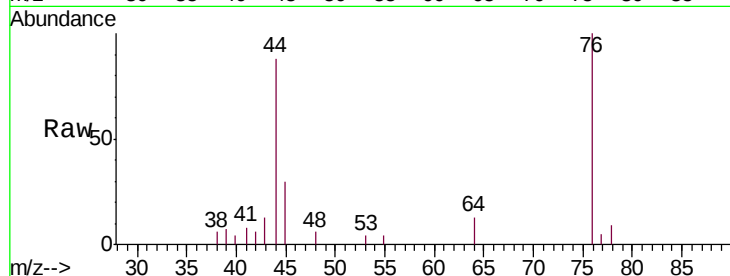
C0T06

Tgt Ion: 76 Resp: 4115

Ion Ratio Lower Upper

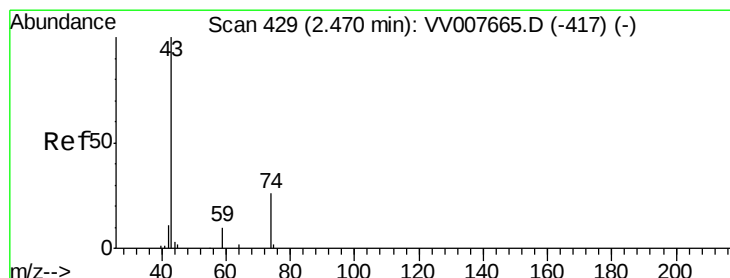
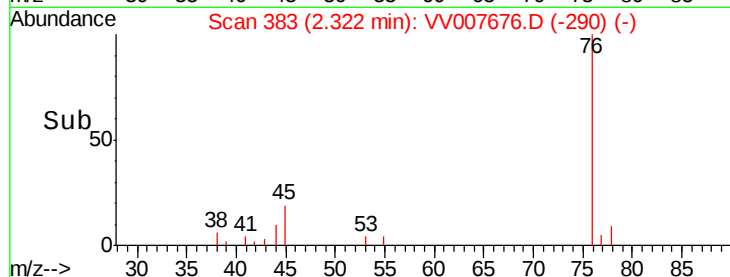
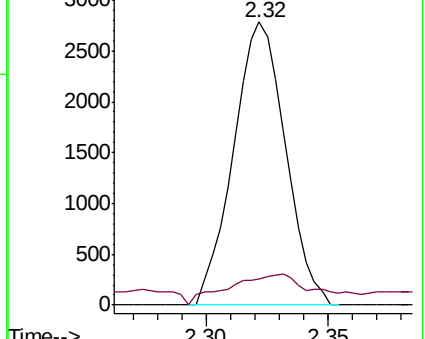
76 100

78 9.4 7.4 11.2



Abundance Ion 76.05 (75.75 to 76.75): VV007665.D (-370) (-)

Ion 78.00 (77.70 to 78.70): VV007665.D (-370) (-)



#15

Methyl Acetate

Concen: 4.508 ug/L

RT: 2.37 min Scan# 399

Delta R.T. -0.10 min

Lab File: VV007676.D

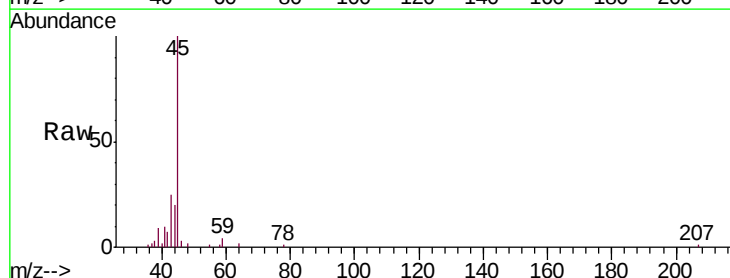
Acq: 21 Sep 2018 01:05

Tgt Ion: 43 Resp: 11434

Ion Ratio Lower Upper

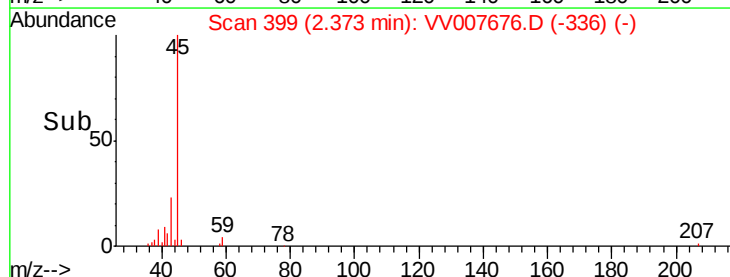
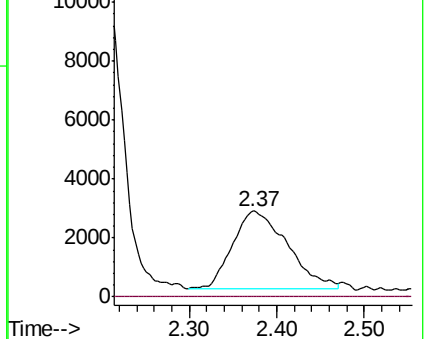
43 100

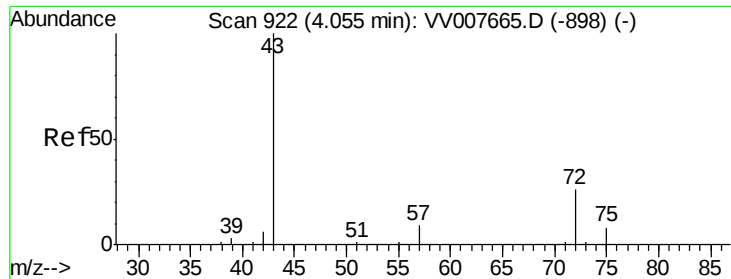
74 0.0 20.6 30.8#



Abundance Ion 43.05 (42.75 to 43.75): VV007665.D (-417) (-)

Ion 74.05 (73.75 to 74.75): VV007665.D (-417) (-)





#21

2-Butanone

Concen: 2.087 ug/L

RT: 4.05 min Scan# 922

Delta R.T. 0.00 min

Lab File: VV007676.D

Acq: 21 Sep 2018 01:05

Instrument :

MSVOA_V

ClientSampled :

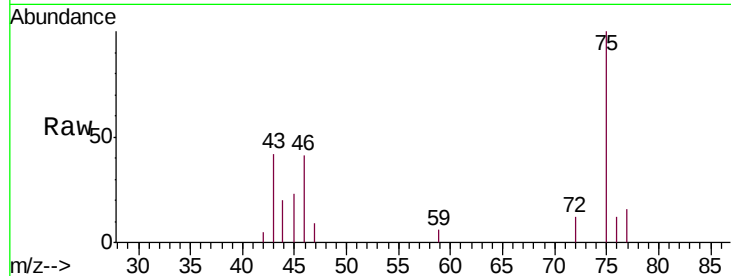
C0T06

Tgt Ion: 43 Resp: 2708

Ion Ratio Lower Upper

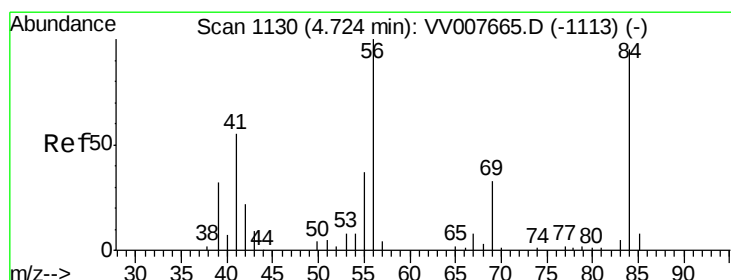
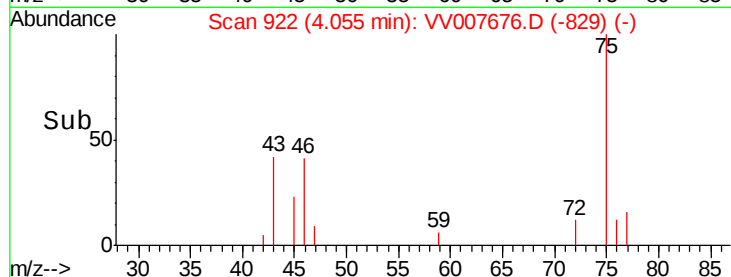
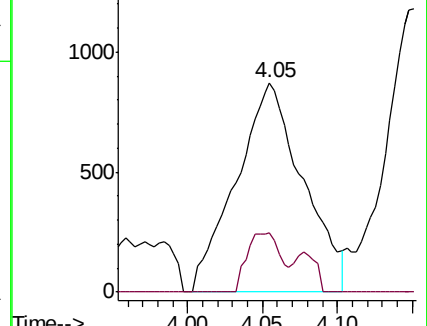
43 100

72 14.3 14.8 44.4#



Abundance Ion 43.05 (42.75 to 43.75): VV007665.D (-898) (-)

Ion 72.10 (71.80 to 72.80): VV007665.D (-898) (-)



#30

Cyclohexane

Concen: 0.078 ug/L

RT: 4.72 min Scan# 1129

Delta R.T. -0.00 min

Lab File: VV007676.D

Acq: 21 Sep 2018 01:05

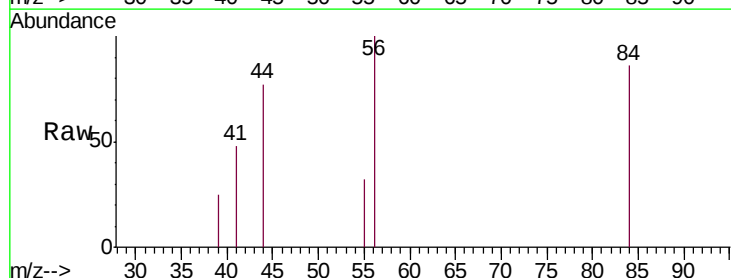
Tgt Ion: 56 Resp: 736

Ion Ratio Lower Upper

56 100

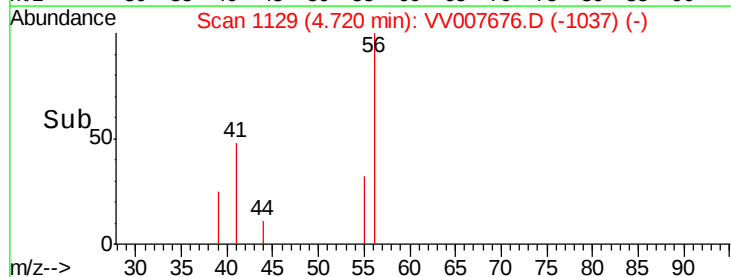
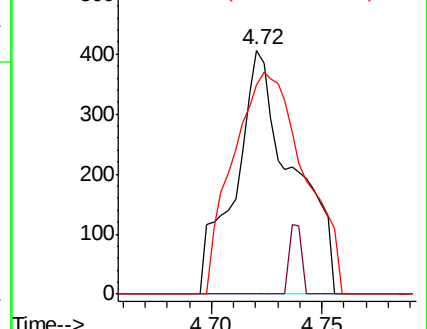
69 6.0 26.9 40.3#

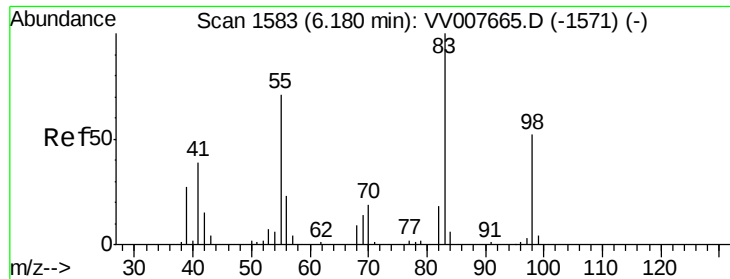
84 113.2 78.9 118.3



Abundance Ion 56.10 (55.80 to 56.80): VV007665.D (-1113) (-)

Ion 69.15 (68.85 to 69.85): VV007665.D (-1113) (-)

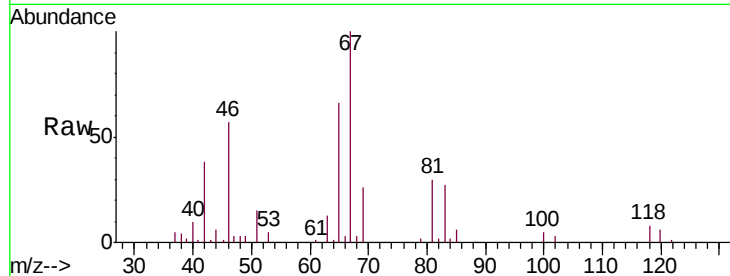




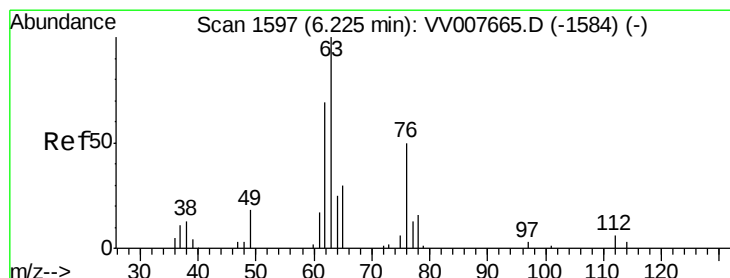
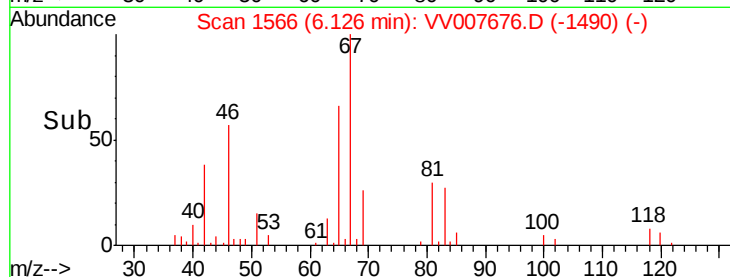
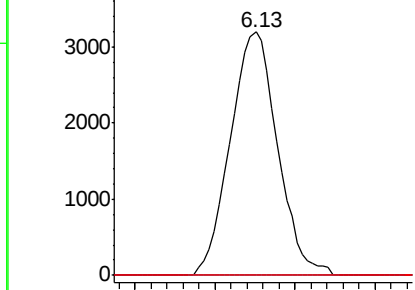
#35
Methylcyclohexane
Concen: 0.571 ug/L
RT: 6.13 min Scan# 1566
Delta R.T. -0.05 min
Lab File: VV007676.D
Acq: 21 Sep 2018 01:05

Instrument :
MSVOA_V
ClientSampleId :
C0T06

Tgt Ion: 83 Resp: 6436
Ion Ratio Lower Upper
83 100
55 0.0 54.8 82.2#
98 0.0 40.7 61.1#

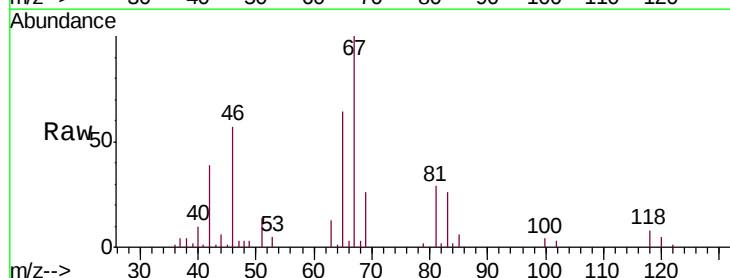


Abundance Ion 83.15 (82.85 to 83.85): VV0
Ion 55.10 (54.80 to 55.80): VV0
Ion 98.15 (97.85 to 98.85): VV0

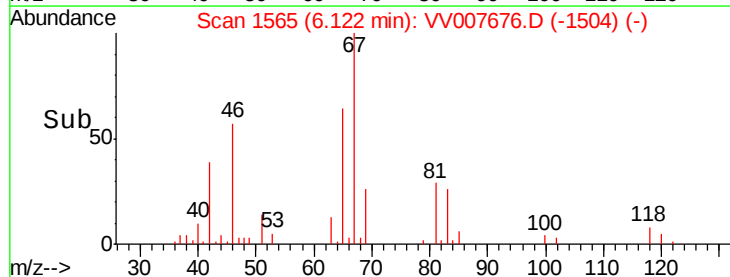
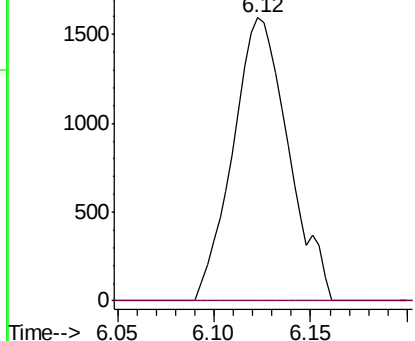


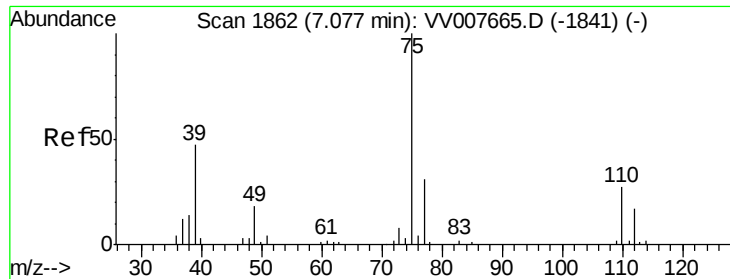
#37
1,2-Dichloropropane
Concen: 0.532 ug/L
RT: 6.12 min Scan# 1565
Delta R.T. -0.10 min
Lab File: VV007676.D
Acq: 21 Sep 2018 01:05

Tgt Ion: 63 Resp: 3190
Ion Ratio Lower Upper
63 100
112 0.0 3.9 5.9#



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

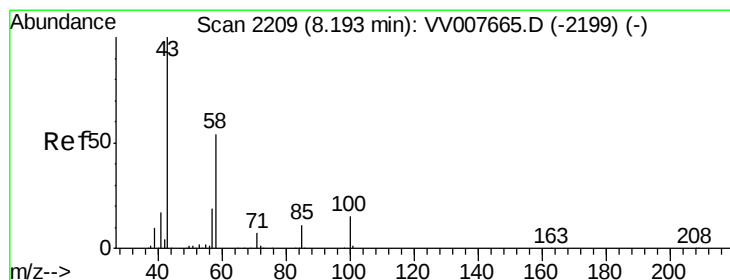
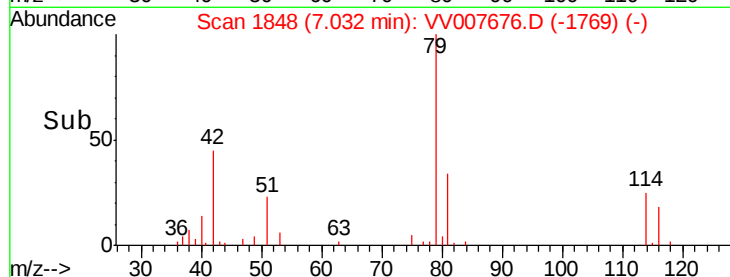
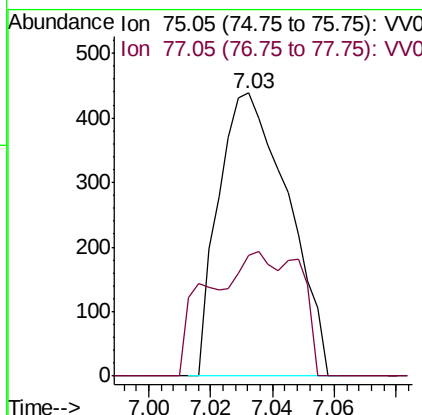
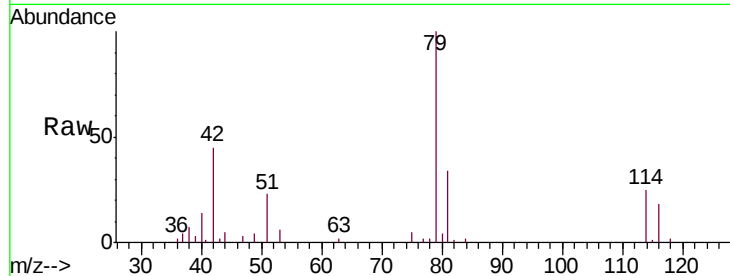




#39
 cis-1,3-Dichloropropene
 Concen: 0.079 ug/L
 RT: 7.03 min Scan# 1848
 Delta R.T. -0.04 min
 Lab File: VV007676.D
 Acq: 21 Sep 2018 01:05

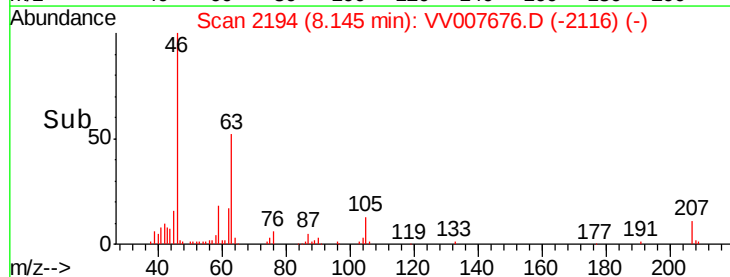
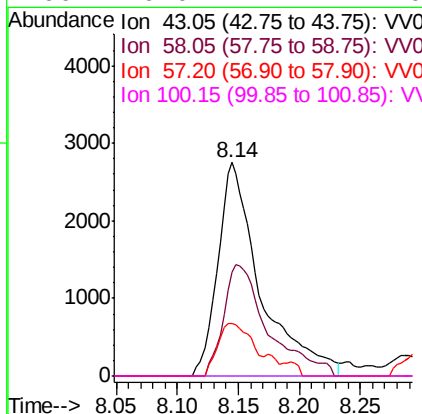
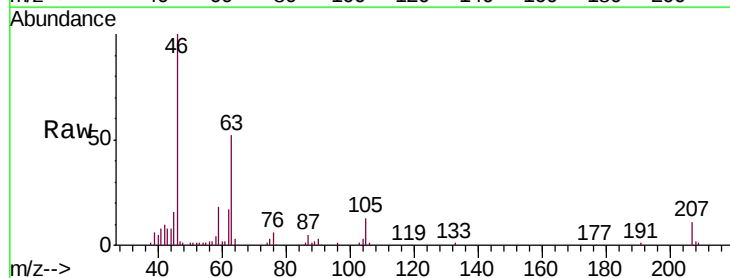
Instrument :
 MSVOA_V
 ClientSampleId :
 C0T06

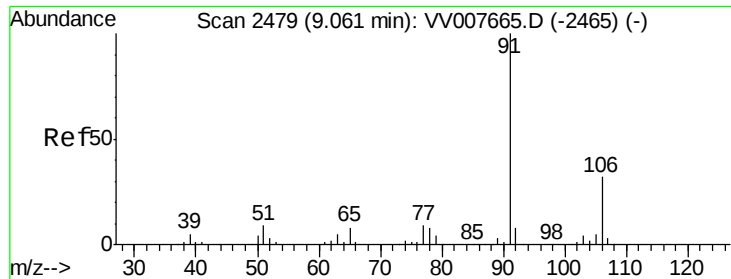
Tgt Ion: 75 Resp: 684
 Ion Ratio Lower Upper
 75 100
 77 42.7 22.7 42.3#



#48
 2-Hexanone
 Concen: 2.940 ug/L
 RT: 8.14 min Scan# 2194
 Delta R.T. -0.05 min
 Lab File: VV007676.D
 Acq: 21 Sep 2018 01:05

Tgt Ion: 43 Resp: 6752
 Ion Ratio Lower Upper
 43 100
 58 53.8 45.3 67.9
 57 19.9 16.6 24.8
 100 0.0 11.4 17.0#





#52

Ethylbenzene

Concen: 0.092 ug/L

RT: 9.06 min Scan# 2478

Delta R.T. -0.00 min

Lab File: VV007676.D

Acq: 21 Sep 2018 01:05

Instrument :

MSVOA_V

ClientSampleId :

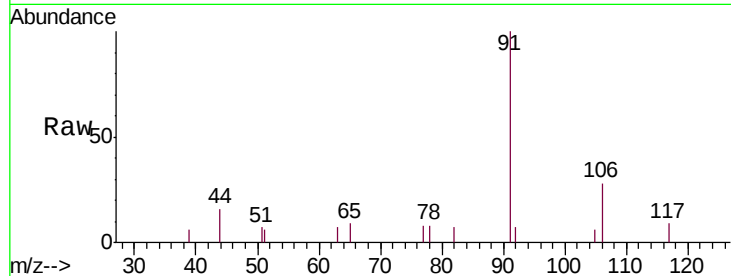
C0T06

Tgt Ion: 91 Resp: 2944

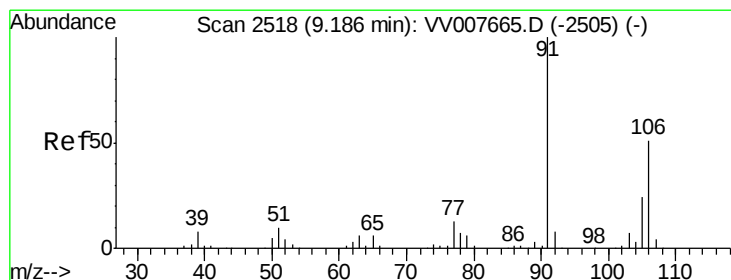
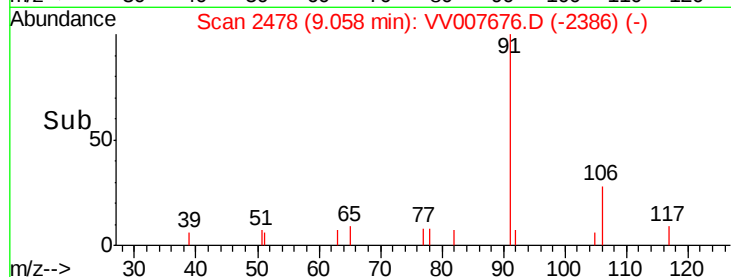
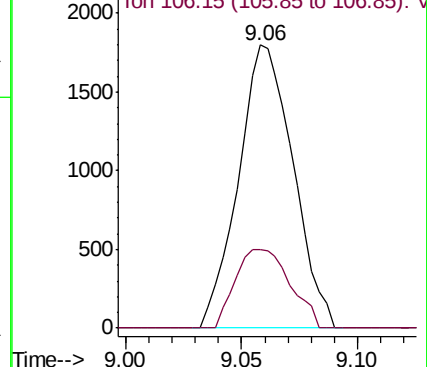
Ion Ratio Lower Upper

91 100

106 27.9 22.1 41.1



Abundance Ion 91.15 (90.85 to 91.85): VV007665.D (-2465) (-)



#53

m,p-xylene

Concen: 0.653 ug/L

RT: 9.19 min Scan# 2518

Delta R.T. 0.00 min

Lab File: VV007676.D

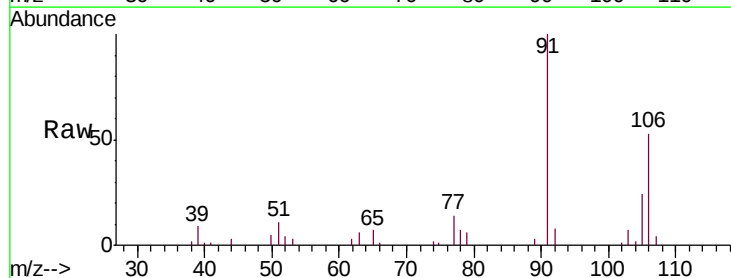
Acq: 21 Sep 2018 01:05

Tgt Ion: 106 Resp: 8203

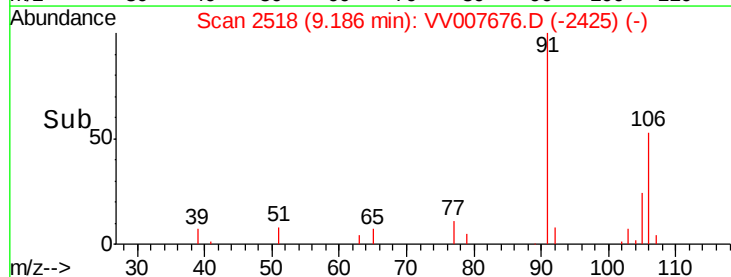
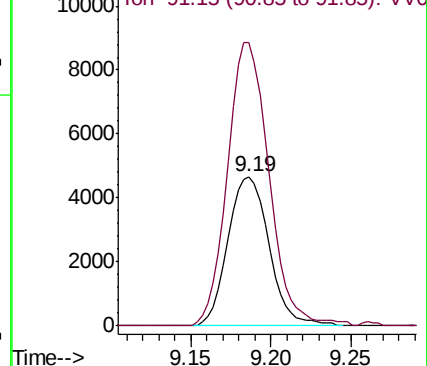
Ion Ratio Lower Upper

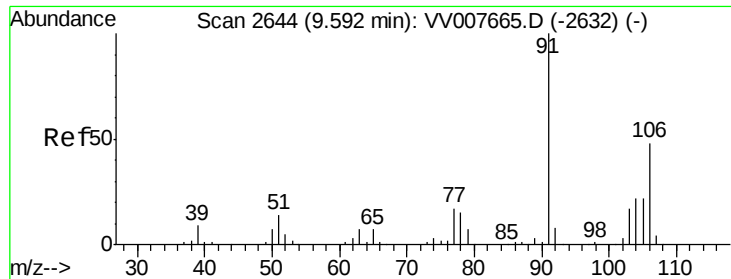
106 100

91 189.8 140.9 261.7



Abundance Ion 106.15 (105.85 to 106.85): VV007665.D (-2505) (-)





#54
o-xylene
Concen: 0.177 ug/L
RT: 9.59 min Scan# 2644
Delta R.T. 0.00 min
Lab File: VV007676.D
Acq: 21 Sep 2018 01:05

Instrument :
MSVOA_V
ClientSampleId :
C0T06

Tgt Ion:106 Resp: 2187
Ion Ratio Lower Upper
106 100
91 232.4 143.3 266.1

