

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV112018\
 Data File : VV008681.D
 Acq On : 20 Nov 2018 18:14
 Operator : SY/MD
 Sample : J5997-14DL 250X
 Misc : 5.0 mL/MSVOA_V/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 E3YB0DL

Quant Time: Nov 21 01:36:40 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM112018WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Nov 21 01:28:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	282395	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	248070	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	101643	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	84099	42.22	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	84.44%
7) Chloroethane-d5	1.57	69	37256	34.23	ug/L	-0.02
Spiked Amount	50.000	Range	70 - 130	Recovery	=	68.46%#
11) 1,1-Dichloroethene-d2	2.13	63	118298	35.98	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.96%
21) 2-Butanone-d5	3.95	46	146129	89.99	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	89.99%
24) Chloroform-d	4.41	84	173727	43.05	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.10%
26) 1,2-Dichloroethane-d4	5.09	65	120275	46.60	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.20%
32) Benzene-d6	5.10	84	381993	49.50	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.00%
36) 1,2-Dichloropropane-d6	6.12	67	119126	49.39	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.78%
41) Toluene-d8	7.36	98	332329	47.98	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.96%
43) trans-1,3-Dichloropropene-	7.67	79	44272	41.03	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.06%
47) 2-Hexanone-d5	8.14	63	103586	94.97	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	94.97%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	144644	43.96	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	87.92%
64) 1,2-Dichlorobenzene-d4	11.68	152	108319	48.82	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.64%

Target Compounds

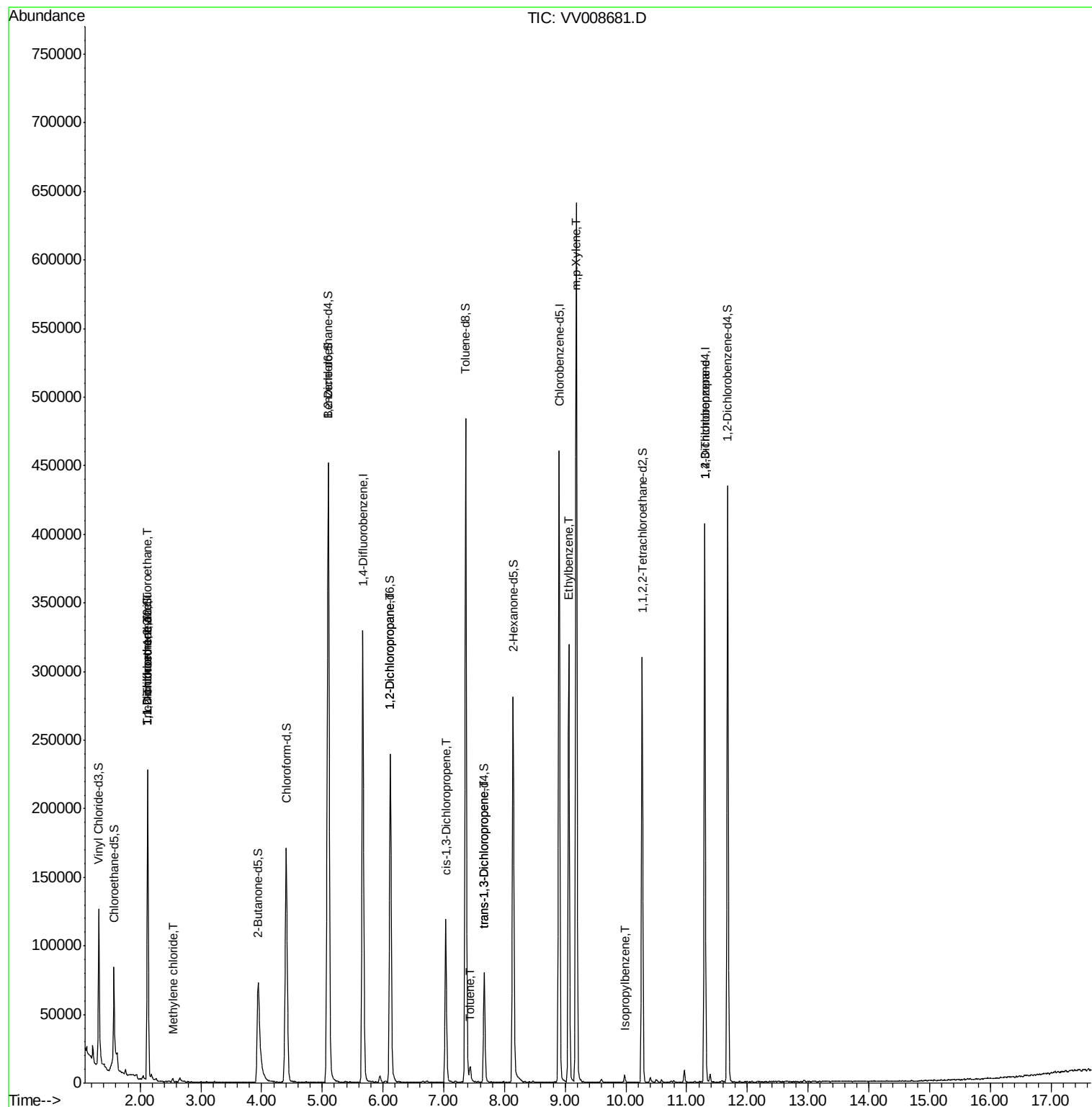
					Qvalue
9) Trichlorofluoromethane	2.12	101	1041	0.376 ug/L #	38
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1041	0.652 ug/L #	17
12) 1,1-Dichloroethene	2.12	96	1009	0.704 ug/L #	1
16) Methylene chloride	2.54	84	1039	0.468 ug/L	88
37) 1,2-Dichloropropane	6.12	63	12884	5.981 ug/L #	94
39) cis-1,3-Dichloropropene	7.03	75	2896	0.946 ug/L #	59
42) Toluene	7.43	91	7666	0.924 ug/L	99
44) trans-1,3-Dichloropropene	7.67	75	2131	0.765 ug/L	93
52) Ethylbenzene	9.06	91	220368	24.217 ug/L	98
53) m,p-Xylene	9.18	106	176774	52.865 ug/L	91
56) Isopropylbenzene	9.98	105	3382	0.387 ug/L	93
59) 1,2,3-Trichloropropane	11.30	75	12481	4.574 ug/L	91

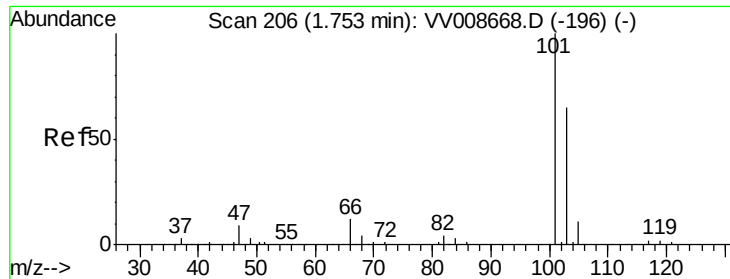
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Wed Nov 21 01:28:05 2018
Response via : Initial Calibration





#9

Trichlorofluoromethane

Concen: 0.376 ug/L

RT: 2.12 min Scan# 321

Delta R.T. 0.35 min

Lab File: VV008681.D

Acq: 20 Nov 2018 18:14

Instrument :

MSVOA_V

ClientSampleId :

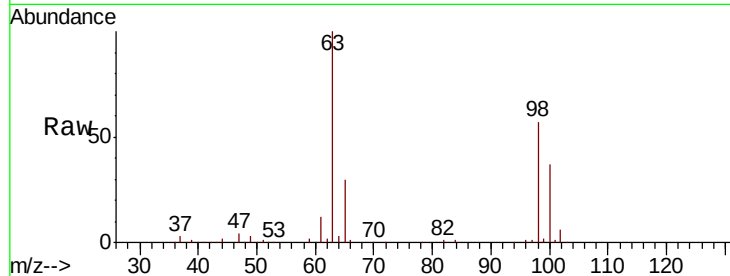
E3YB0DL

Tgt Ion:101 Resp: 1041

Ion Ratio Lower Upper

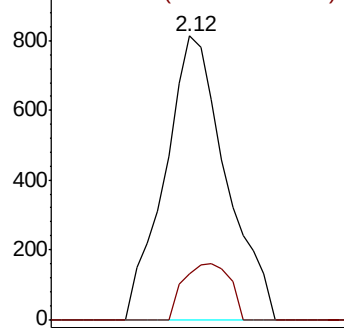
101 100

103 14.8 50.2 75.4#

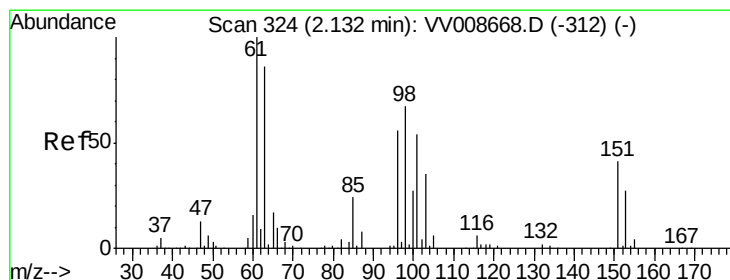
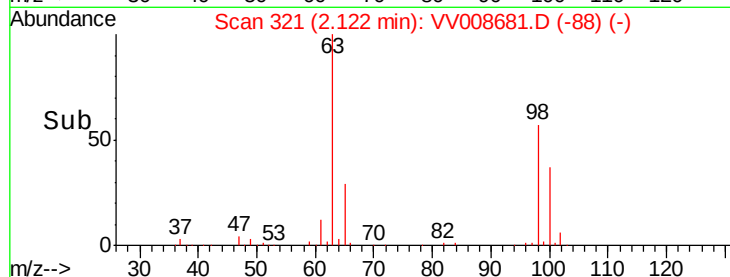


Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V



Time-->



#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.652 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.02 min

Lab File: VV008681.D

Acq: 20 Nov 2018 18:14

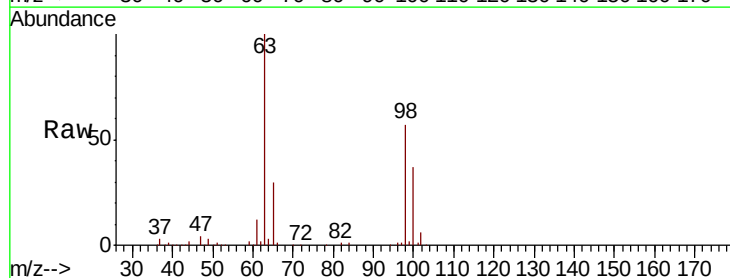
Tgt Ion:101 Resp: 1041

Ion Ratio Lower Upper

101 100

85 0.0 37.0 55.6#

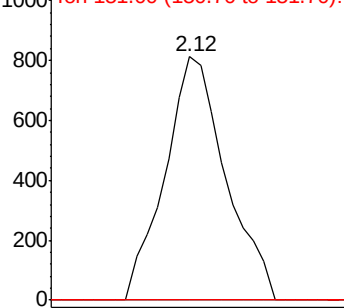
151 0.0 63.8 95.8#



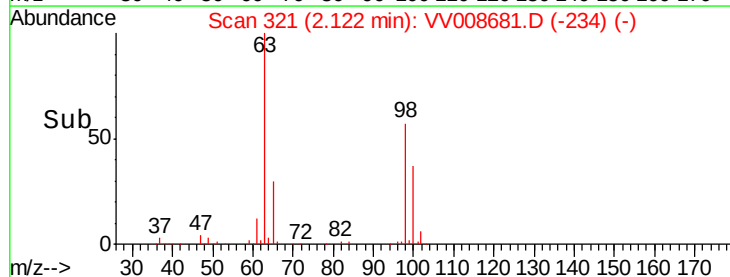
Abundance Ion 101.00 (100.70 to 101.70): V

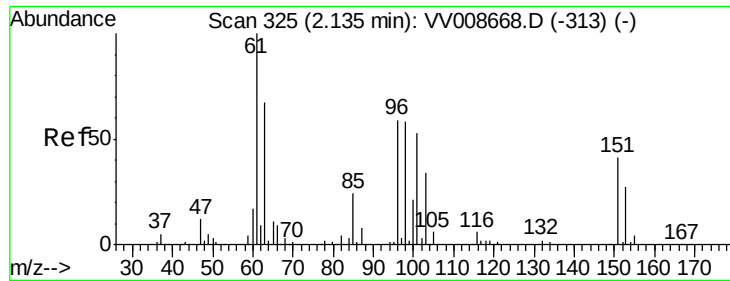
Ion 85.00 (84.70 to 85.70): VV0

Ion 151.00 (150.70 to 151.70): V



Time-->

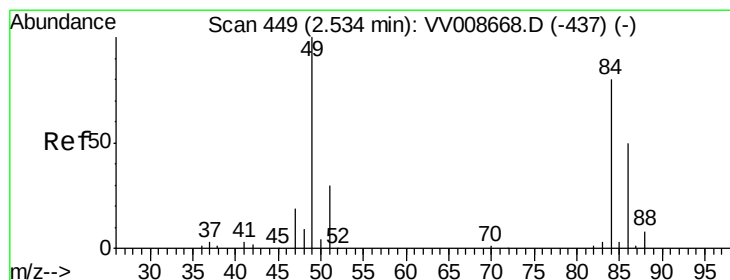
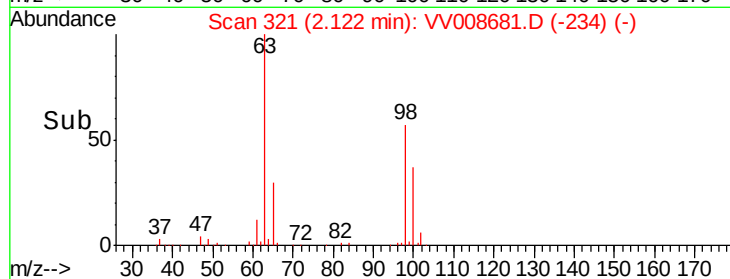
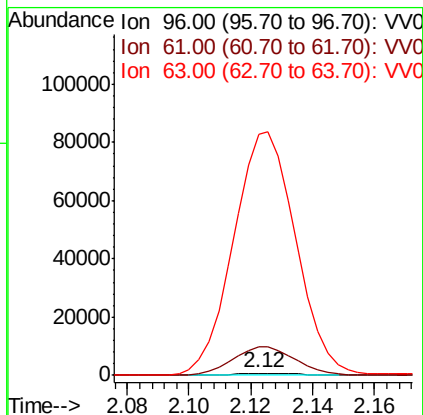
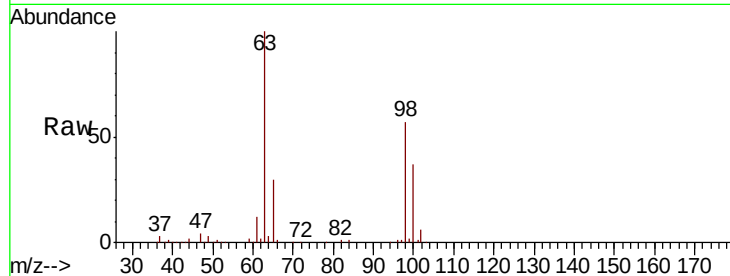




#12
 1,1-Dichloroethene
 Concen: 0.704 ug/L
 RT: 2.12 min Scan# 321
 Delta R.T. -0.02 min
 Lab File: VV008681.D
 Acq: 20 Nov 2018 18:14

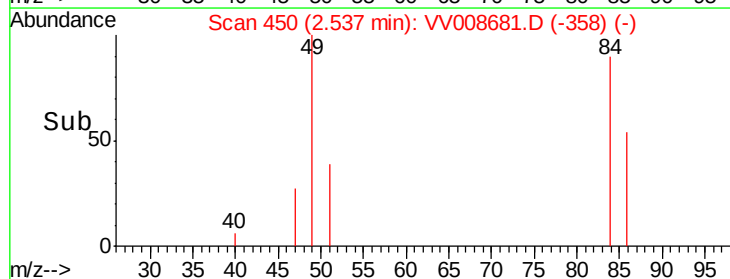
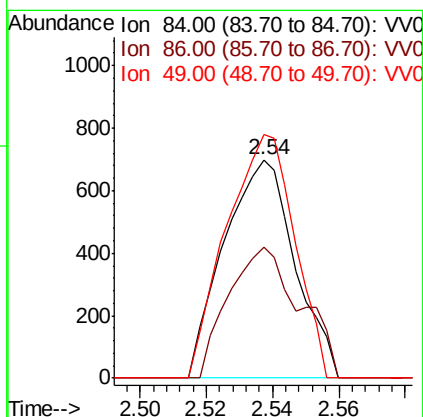
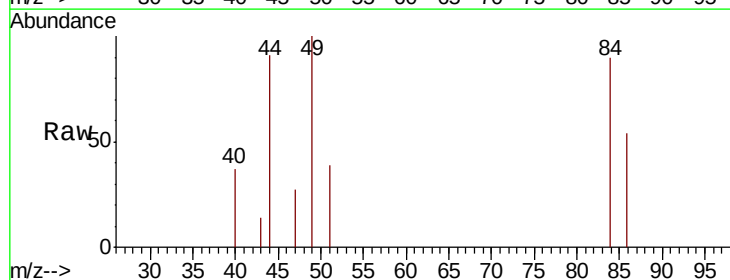
Instrument :
 MSVOA_V
 ClientSampleId :
 E3YB0DL

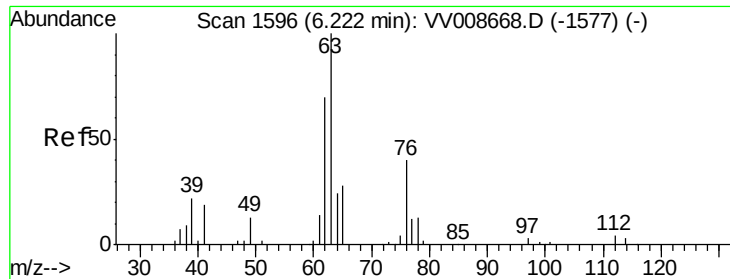
Tgt Ion: 96 Resp: 1009
 Ion Ratio Lower Upper
 96 100
 61 1431.7 120.3 223.3#
 63 12144.5 113.3 210.5#



#16
 Methylene chloride
 Concen: 0.468 ug/L
 RT: 2.54 min Scan# 450
 Delta R.T. -0.00 min
 Lab File: VV008681.D
 Acq: 20 Nov 2018 18:14

Tgt Ion: 84 Resp: 1039
 Ion Ratio Lower Upper
 84 100
 86 59.8 50.6 94.0
 49 111.4 86.5 160.7

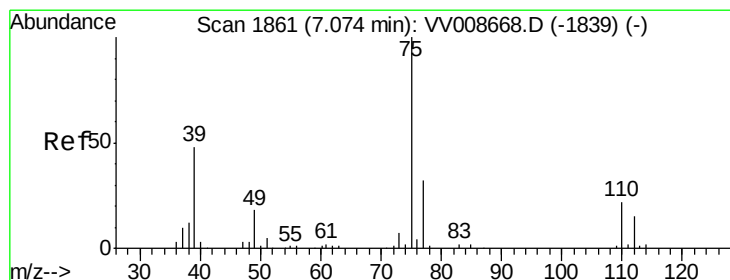
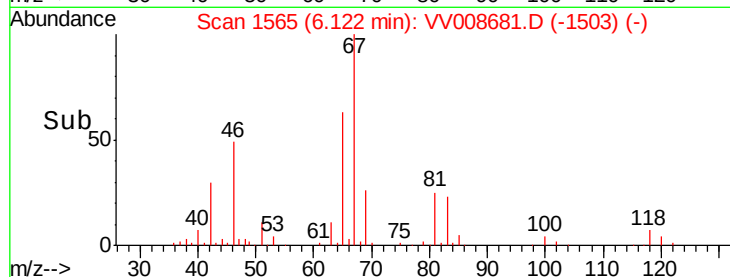
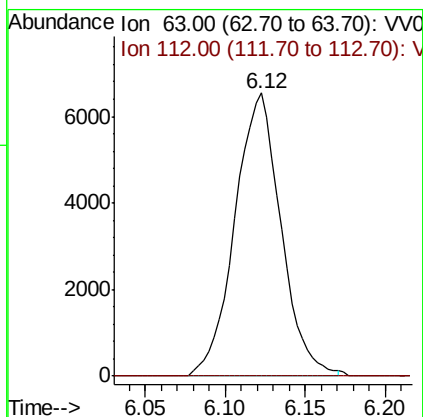
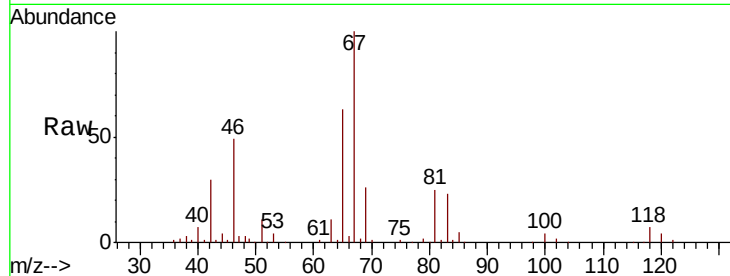




#37
 1,2-Dichloropropane
 Concen: 5.981 ug/L
 RT: 6.12 min Scan# 1565
 Delta R.T. -0.10 min
 Lab File: VV008681.D
 Acq: 20 Nov 2018 18:14

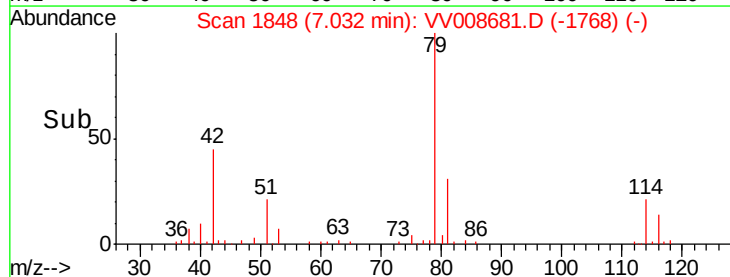
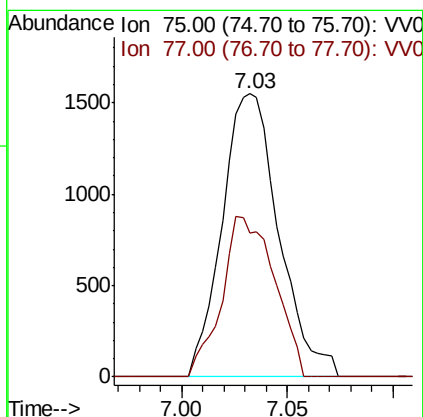
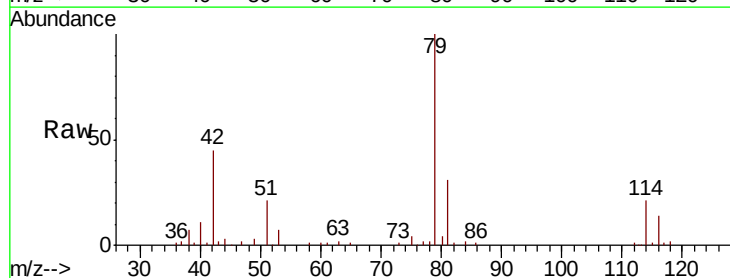
Instrument :
 MSVOA_V
 ClientSampleId :
 E3YB0DL

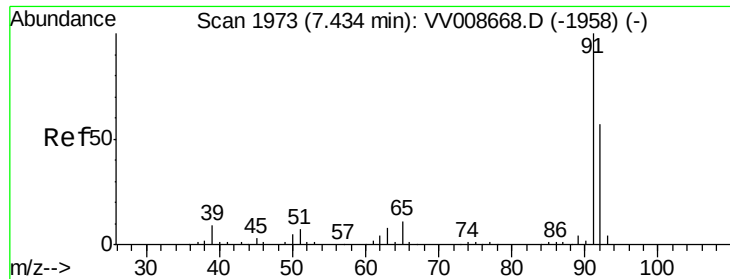
Tgt Ion: 63 Resp: 12884
 Ion Ratio Lower Upper
 63 100
 112 0.0 1.6 2.4#



#39
 cis-1,3-Dichloropropene
 Concen: 0.946 ug/L
 RT: 7.03 min Scan# 1848
 Delta R.T. -0.04 min
 Lab File: VV008681.D
 Acq: 20 Nov 2018 18:14

Tgt Ion: 75 Resp: 2896
 Ion Ratio Lower Upper
 75 100
 77 50.7 20.2 37.4#





#42

Toluene

Concen: 0.924 ug/L

RT: 7.43 min Scan# 1973

Delta R.T. 0.00 min

Lab File: VV008681.D

Acq: 20 Nov 2018 18:14

Instrument :

MSVOA_V

ClientSampleId :

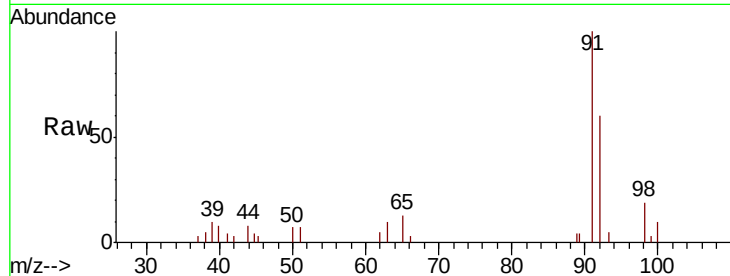
E3YB0DL

Tgt Ion: 91 Resp: 7666

Ion Ratio Lower Upper

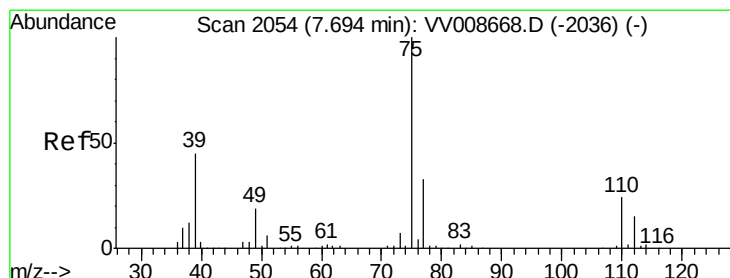
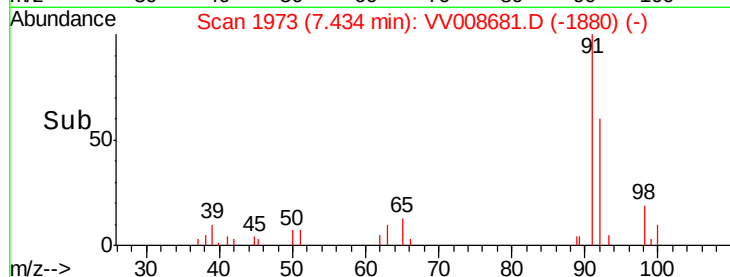
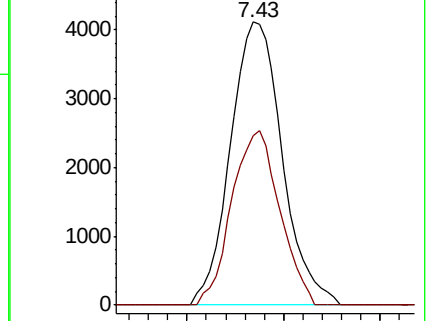
91 100

92 60.1 41.6 77.2



Abundance Ion 91.00 (90.70 to 91.70): VV0

Ion 92.00 (91.70 to 92.70): VV0



#44

trans-1,3-Dichloropropene

Concen: 0.765 ug/L

RT: 7.67 min Scan# 2046

Delta R.T. -0.03 min

Lab File: VV008681.D

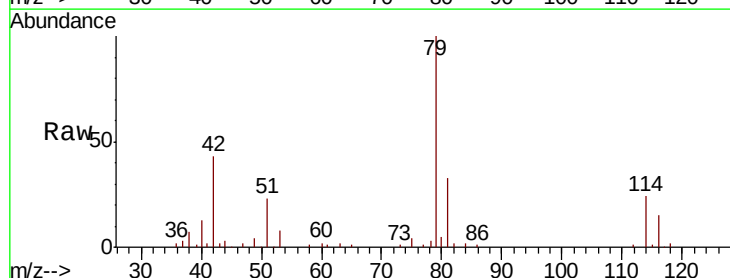
Acq: 20 Nov 2018 18:14

Tgt Ion: 75 Resp: 2131

Ion Ratio Lower Upper

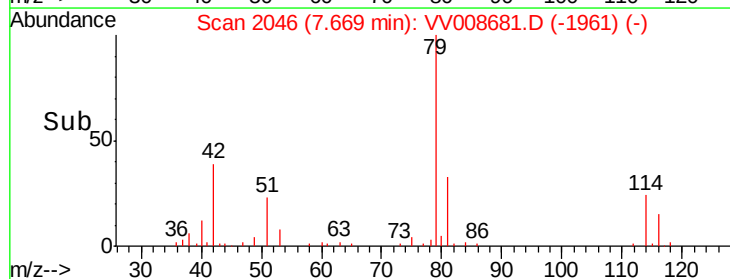
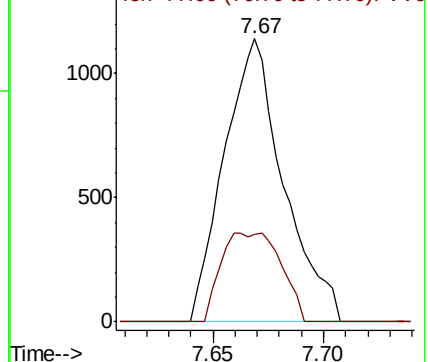
75 100

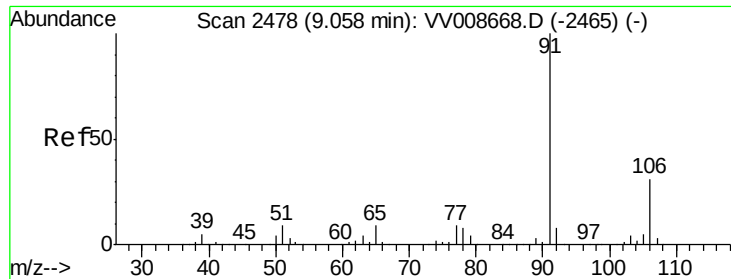
77 31.1 24.6 45.8



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0





#52

Ethylbenzene

Concen: 24.217 ug/L

RT: 9.06 min Scan# 2478

Delta R.T. 0.00 min

Lab File: VV008681.D

Acq: 20 Nov 2018 18:14

Instrument :

MSVOA_V

ClientSampleId :

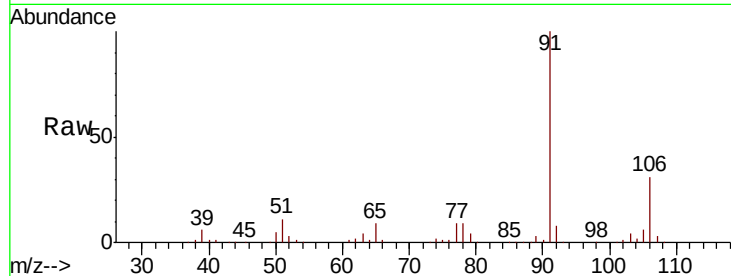
E3YB0DL

Tgt Ion: 91 Resp: 220368

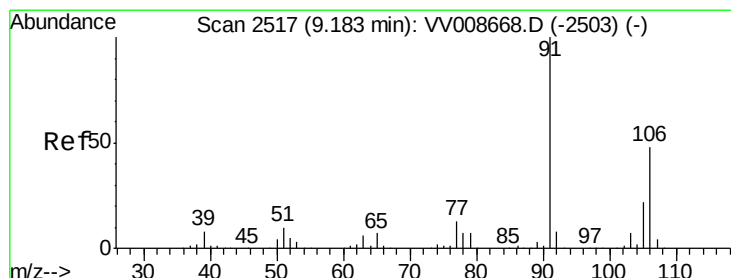
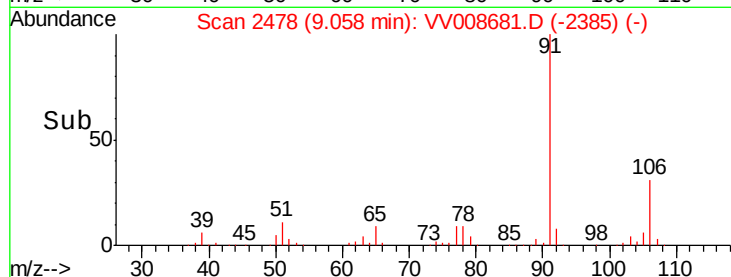
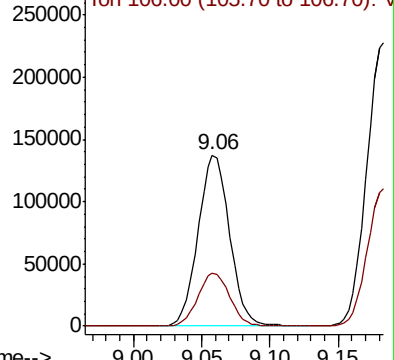
Ion Ratio Lower Upper

91 100

106 31.3 21.2 39.4



Abundance Ion 91.00 (90.70 to 91.70): VV008681.D (-2465) (-)



#53

m,p-Xylene

Concen: 52.865 ug/L

RT: 9.18 min Scan# 2517

Delta R.T. 0.00 min

Lab File: VV008681.D

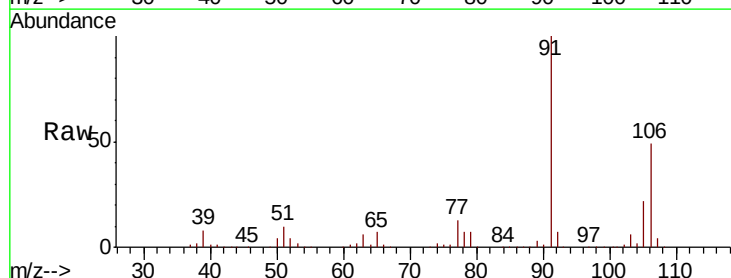
Acq: 20 Nov 2018 18:14

Tgt Ion: 106 Resp: 176774

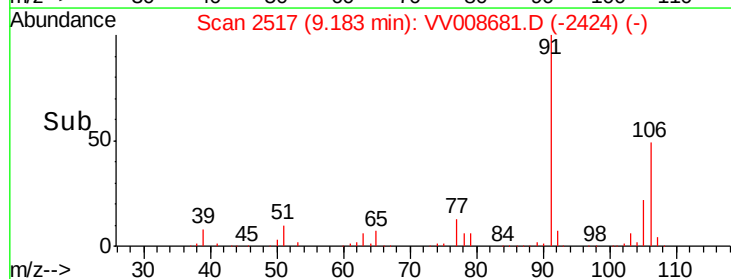
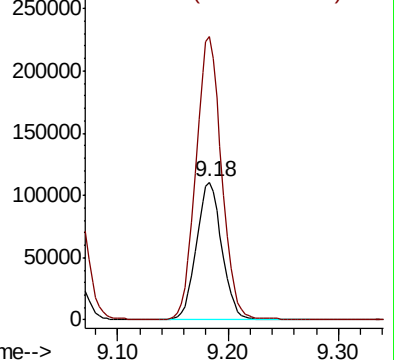
Ion Ratio Lower Upper

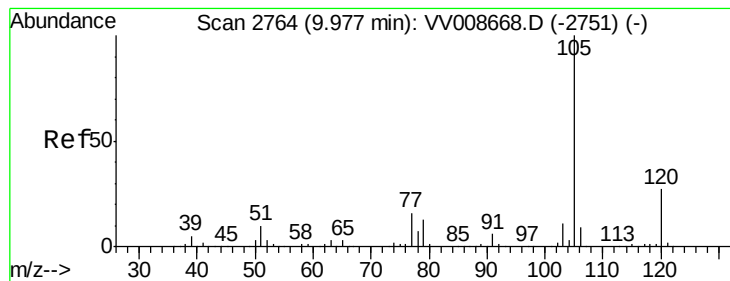
106 100

91 205.7 154.7 287.3



Abundance Ion 106.00 (105.70 to 106.70): VV008681.D (-2503) (-)





#56

Isopropylbenzene

Concen: 0.387 ug/L

RT: 9.98 min Scan# 2764

Delta R.T. 0.00 min

Lab File: VV008681.D

Acq: 20 Nov 2018 18:14

Instrument :

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ClientSampleId :

E3YB0DL

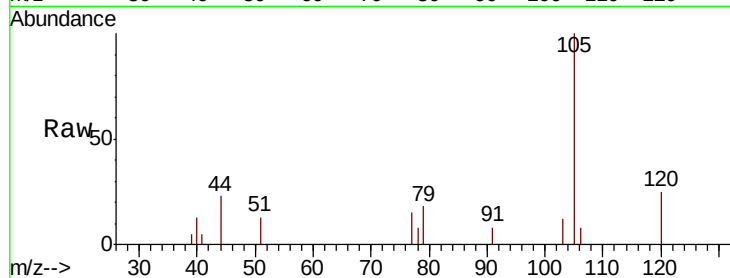
Tgt Ion: 105 Resp: 3382

Ion Ratio Lower Upper

105 100

120 21.6 20.5 30.7

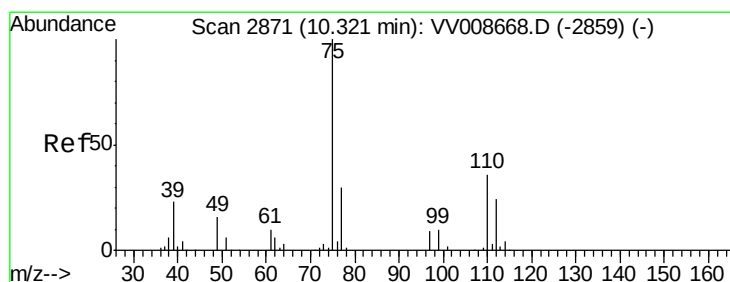
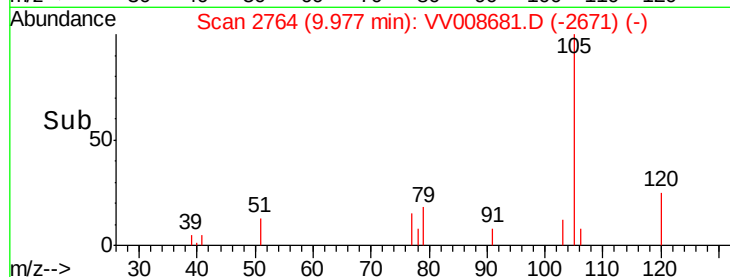
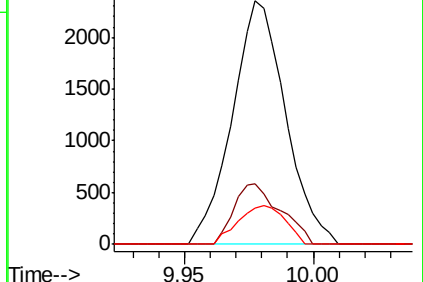
77 14.0 12.8 19.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

Ion 77.00 (76.70 to 77.70): V



#59

1,2,3-Trichloropropane

Concen: 4.574 ug/L

RT: 11.30 min Scan# 3174

Delta R.T. 0.97 min

Lab File: VV008681.D

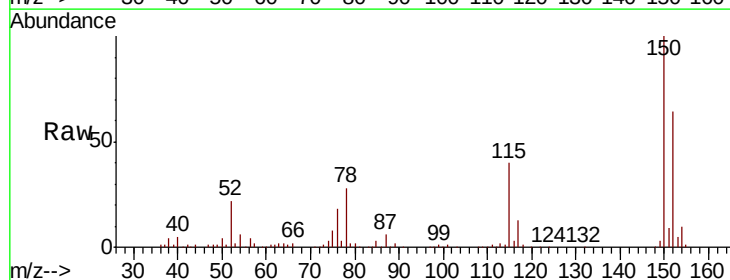
Acq: 20 Nov 2018 18:14

Tgt Ion: 75 Resp: 12481

Ion Ratio Lower Upper

75 100

77 37.6 26.0 39.0



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0

