

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV112018\
 Data File : VV008679.D
 Acq On : 20 Nov 2018 17:27
 Operator : SY/MD
 Sample : J5997-03DL 2000X
 Misc : 5.0 mL/MSVOA_V/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 E3YA3DL

Quant Time: Nov 21 01:36:28 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	287799	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	256284	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	107021	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	86738	42.72	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	85.44%
7) Chloroethane-d5	1.57	69	40353	36.38	ug/L	-0.02
Spiked Amount	50.000	Range	70 - 130	Recovery	=	72.76%
11) 1,1-Dichloroethene-d2	2.13	63	118247	35.29	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	70.58%
21) 2-Butanone-d5	3.94	46	149970	90.63	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	90.63%
24) Chloroform-d	4.40	84	178509	43.41	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.82%
26) 1,2-Dichloroethane-d4	5.08	65	120478	45.80	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.60%
32) Benzene-d6	5.10	84	387674	48.63	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.26%
36) 1,2-Dichloropropane-d6	6.12	67	122123	49.01	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.02%
41) Toluene-d8	7.36	98	341936	47.79	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.58%
43) trans-1,3-Dichloropropene-	7.67	79	45405	40.74	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.48%
47) 2-Hexanone-d5	8.14	63	103627	91.97	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	91.97%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	144761	42.59	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	85.18%
64) 1,2-Dichlorobenzene-d4	11.68	152	111813	47.86	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.72%

Target Compounds

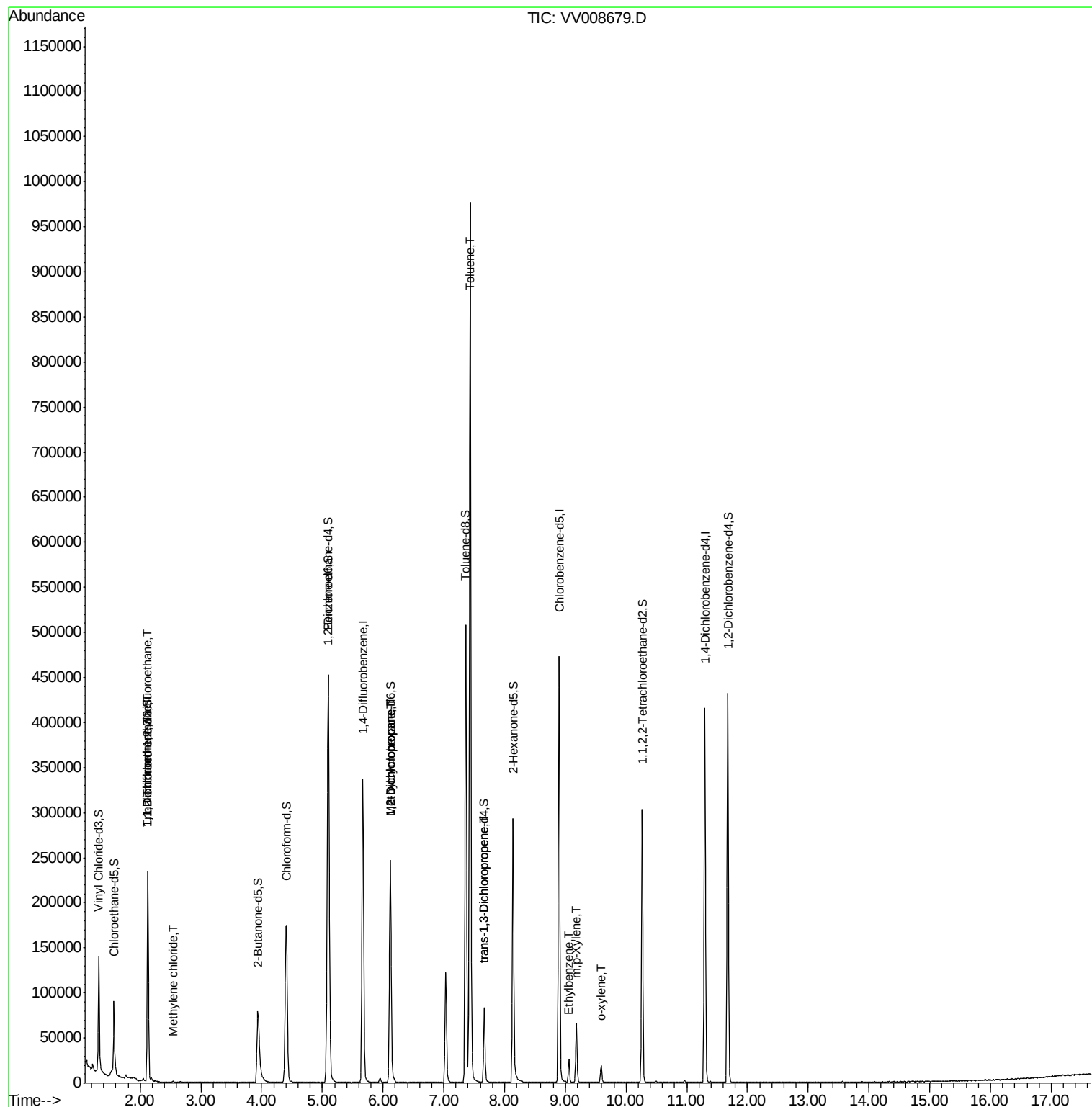
					Qvalue
9) Trichlorofluoromethane	2.13	101	1283	0.455 ug/L #	21
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	1283	0.788 ug/L #	17
12) 1,1-Dichloroethene	2.13	96	1112	0.761 ug/L #	1
16) Methylene chloride	2.54	84	728	0.322 ug/L	77
35) Methylcyclohexane	6.12	83	28520	7.910 ug/L #	19
37) 1,2-Dichloropropane	6.12	63	12882	5.788 ug/L #	94
42) Toluene	7.43	91	696809	81.322 ug/L	98
44) trans-1,3-Dichloropropene	7.67	75	2051	0.713 ug/L #	80
52) Ethylbenzene	9.06	91	17983	1.913 ug/L	96
53) m,p-Xylene	9.18	106	19103	5.530 ug/L	92
54) o-xylene	9.59	106	4997	1.455 ug/L	99

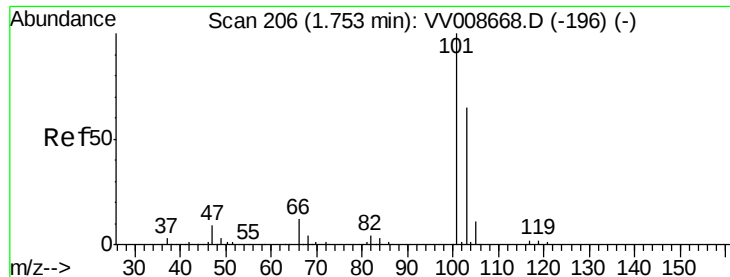
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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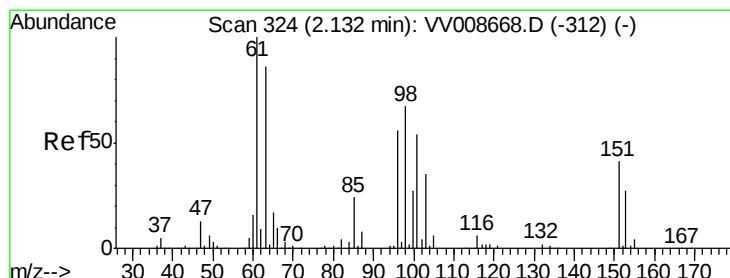
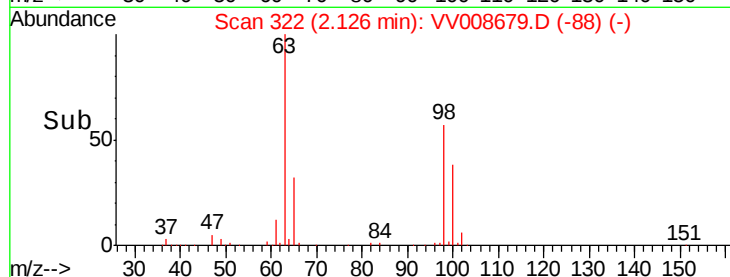
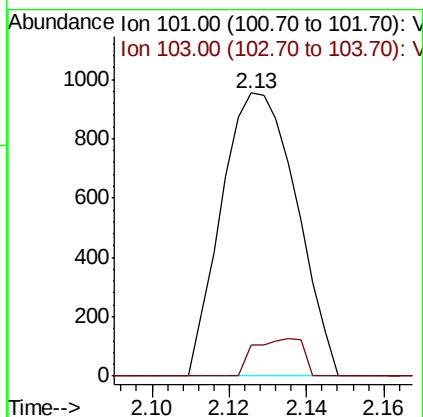
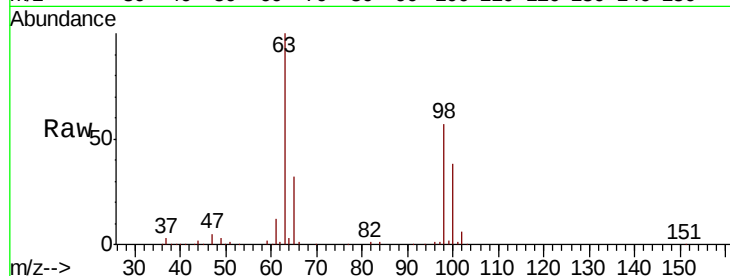


#9

Trichlorofluoromethane
Concen: 0.455 ug/L
RT: 2.13 min Scan# 322
Delta R.T. 0.35 min
Lab File: VV008679.D
Acq: 20 Nov 2018 17:27

Instrument :
MSVOA_V
ClientSampleId :
E3YA3DL

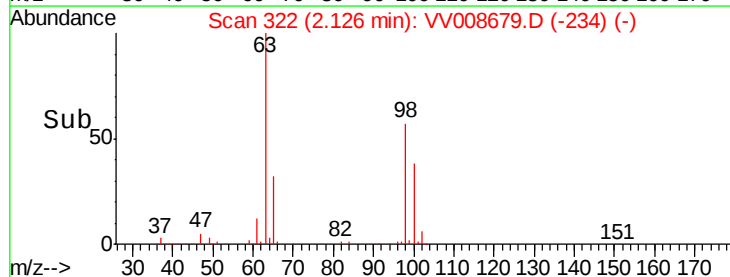
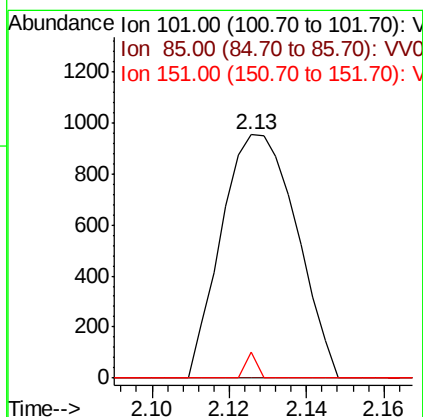
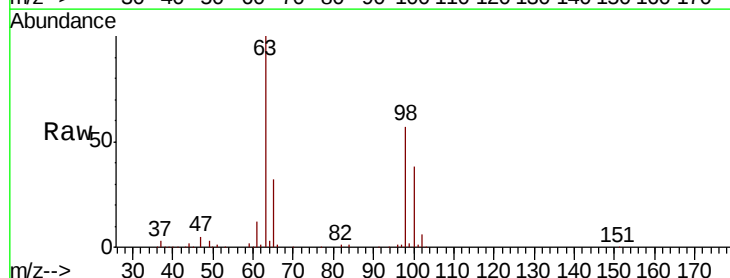
Tgt Ion:101 Resp: 1283
Ion Ratio Lower Upper
101 100
103 1.6 50.2 75.4#

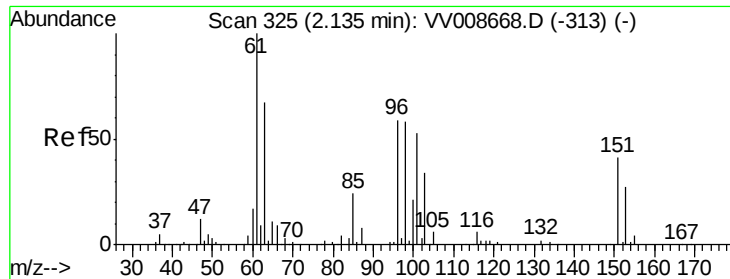


#10

1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.788 ug/L
RT: 2.13 min Scan# 322
Delta R.T. -0.02 min
Lab File: VV008679.D
Acq: 20 Nov 2018 17:27

Tgt Ion:101 Resp: 1283
Ion Ratio Lower Upper
101 100
85 0.0 37.0 55.6#
151 0.0 63.8 95.8#





#12

1,1-Dichloroethene

Concen: 0.761 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.01 min

Lab File: VV008679.D

Acq: 20 Nov 2018 17:27

Instrument :

MSVOA_V

ClientSampleId :

E3YA3DL

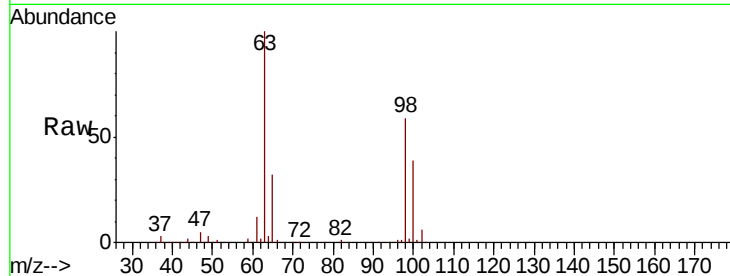
Tgt Ion: 96 Resp: 1112

Ion Ratio Lower Upper

96 100

61 1279.3 120.3 223.3#

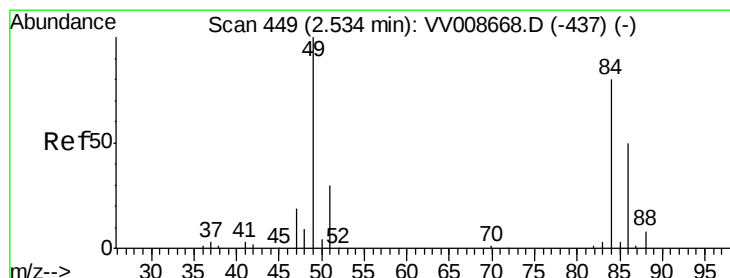
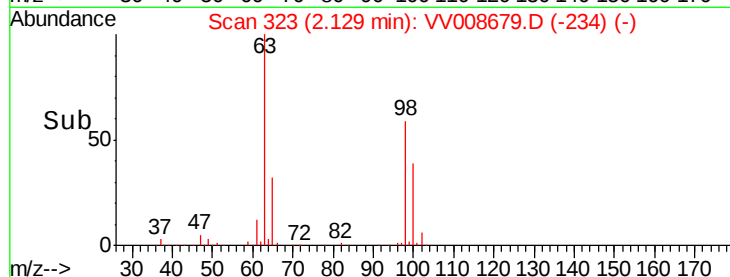
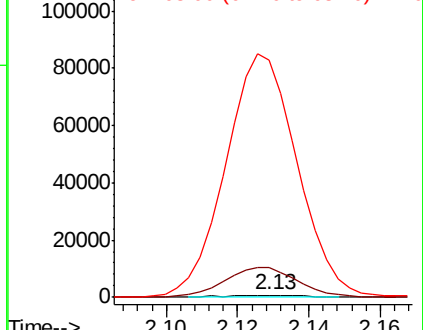
63 10295.4 113.3 210.5#



Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 63.00 (62.70 to 63.70): VV0



#16

Methylene chloride

Concen: 0.322 ug/L

RT: 2.54 min Scan# 452

Delta R.T. 0.00 min

Lab File: VV008679.D

Acq: 20 Nov 2018 17:27

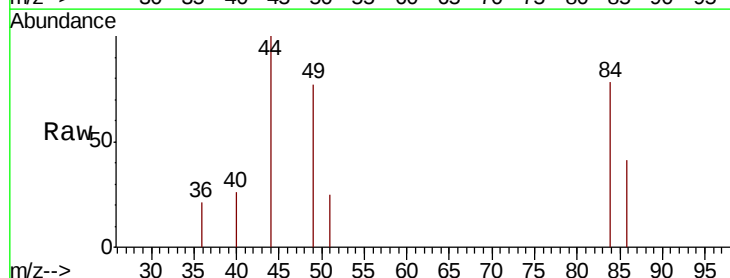
Tgt Ion: 84 Resp: 728

Ion Ratio Lower Upper

84 100

86 52.7 50.6 94.0

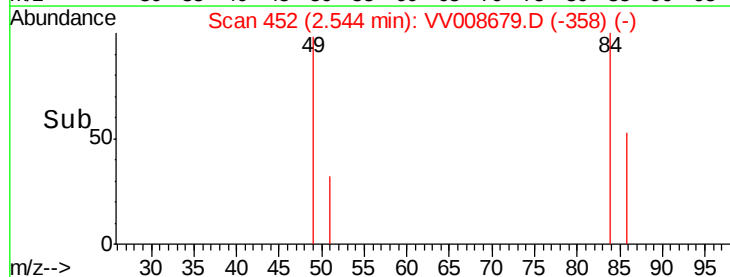
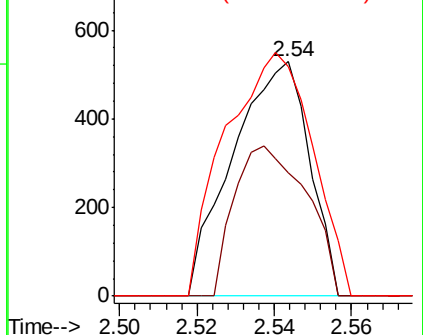
49 97.9 86.5 160.7

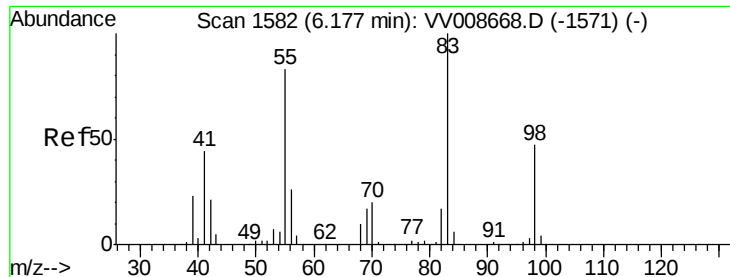


Abundance Ion 84.00 (83.70 to 84.70): VV0

Ion 86.00 (85.70 to 86.70): VV0

Ion 49.00 (48.70 to 49.70): VV0

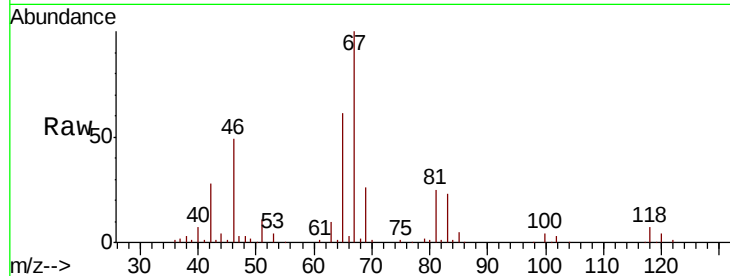




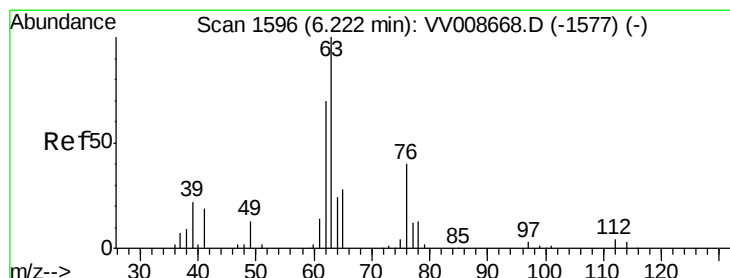
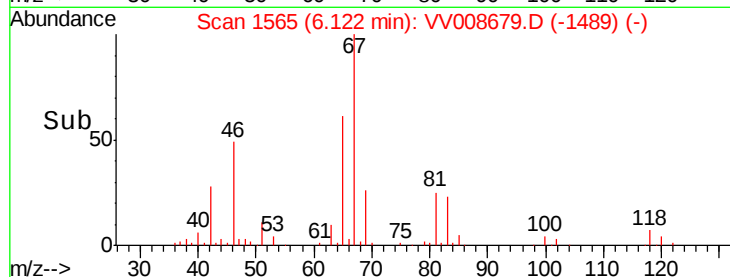
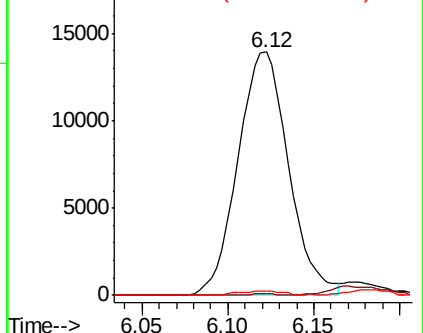
#35
Methylcyclohexane
Concen: 7.910 ug/L
RT: 6.12 min Scan# 1565
Delta R.T. -0.05 min
Lab File: VV008679.D
Acq: 20 Nov 2018 17:27

Instrument :
MSVOA_V
ClientSampleId :
E3YA3DL

Tgt Ion: 83 Resp: 28520
Ion Ratio Lower Upper
83 100
55 0.3 63.0 94.6#
98 1.0 35.4 53.0#

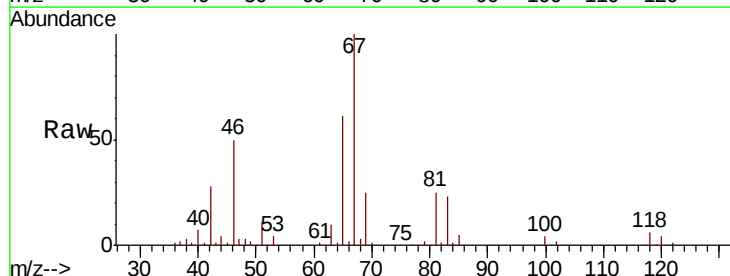


Abundance Ion 83.00 (82.70 to 83.70): VV0
Ion 55.00 (54.70 to 55.70): VV0
Ion 98.00 (97.70 to 98.70): VV0

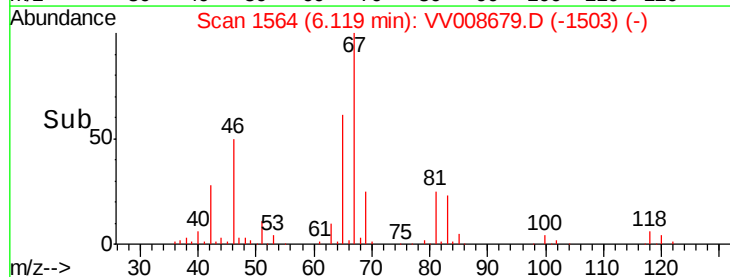
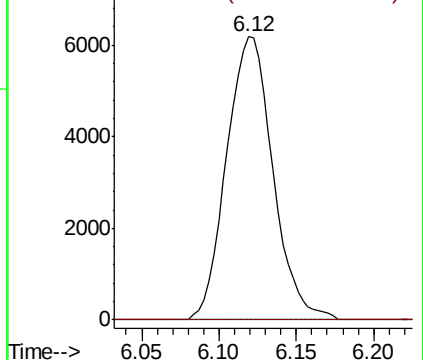


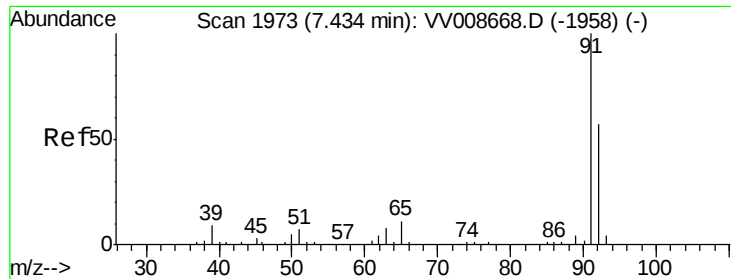
#37
1,2-Dichloropropane
Concen: 5.788 ug/L
RT: 6.12 min Scan# 1564
Delta R.T. -0.10 min
Lab File: VV008679.D
Acq: 20 Nov 2018 17:27

Tgt Ion: 63 Resp: 12882
Ion Ratio Lower Upper
63 100
112 0.0 1.6 2.4#



Abundance Ion 63.00 (62.70 to 63.70): VV0
Ion 112.00 (111.70 to 112.70): V





#42

Toluene

Concen: 81.322 ug/L

RT: 7.43 min Scan# 1973

Delta R.T. 0.00 min

Lab File: VV008679.D

Acq: 20 Nov 2018 17:27

Instrument :

MSVOA_V

ClientSampleId :

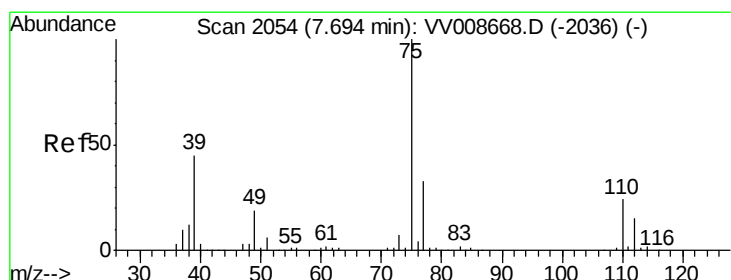
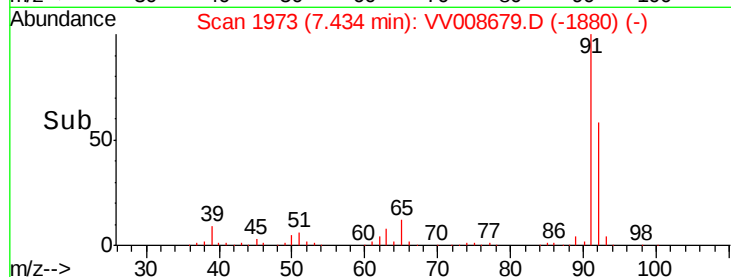
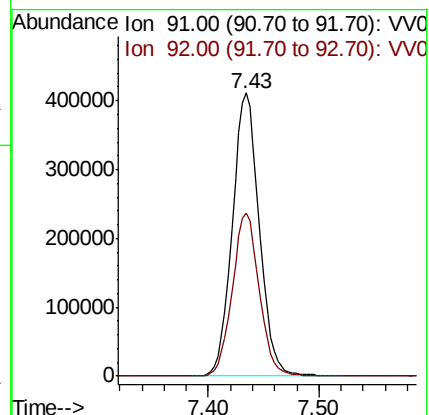
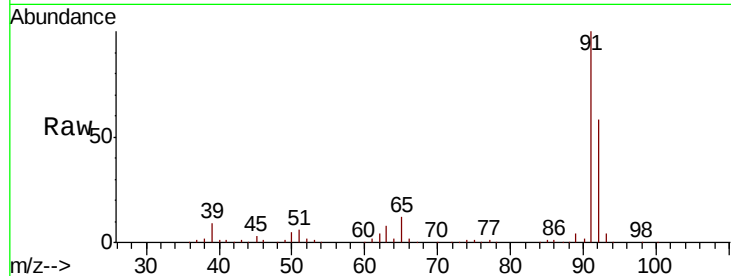
E3YA3DL

Tgt Ion: 91 Resp: 696809

Ion Ratio Lower Upper

91 100

92 57.8 41.6 77.2



#44

trans-1,3-Dichloropropene

Concen: 0.713 ug/L

RT: 7.67 min Scan# 2046

Delta R.T. -0.03 min

Lab File: VV008679.D

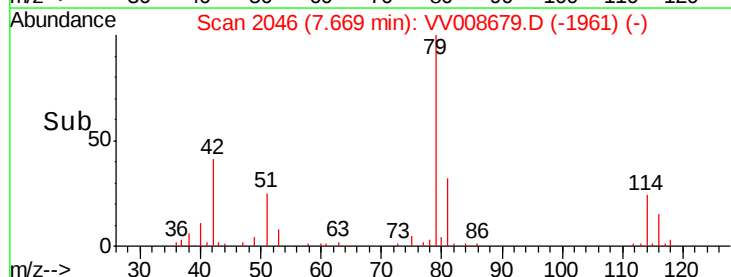
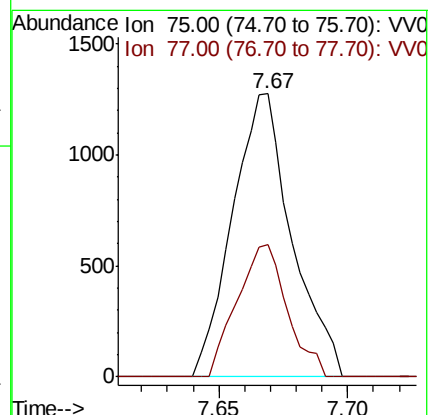
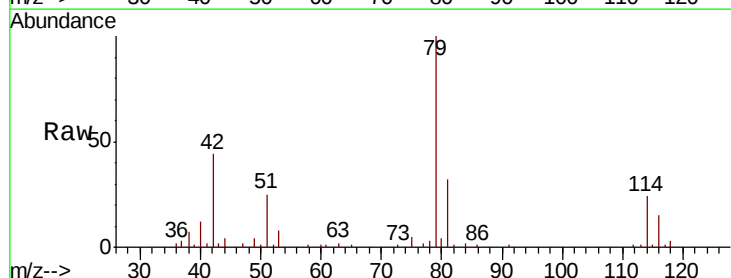
Acq: 20 Nov 2018 17:27

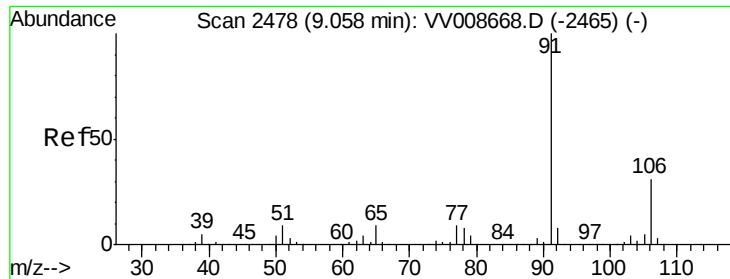
Tgt Ion: 75 Resp: 2051

Ion Ratio Lower Upper

75 100

77 46.9 24.6 45.8#





#52

Ethylbenzene

Concen: 1.913 ug/L

RT: 9.06 min Scan# 2478

Delta R.T. 0.00 min

Lab File: VV008679.D

Acq: 20 Nov 2018 17:27

Instrument :

MSVOA_V

ClientSampleId :

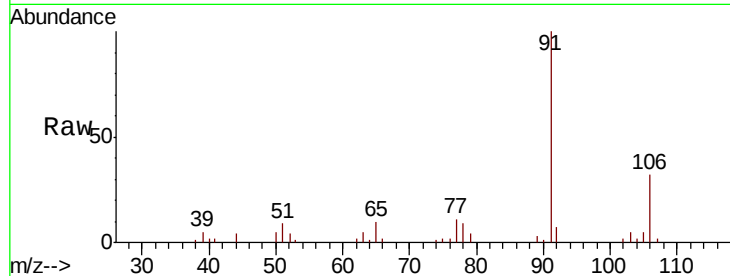
E3YA3DL

Tgt Ion: 91 Resp: 17983

Ion Ratio Lower Upper

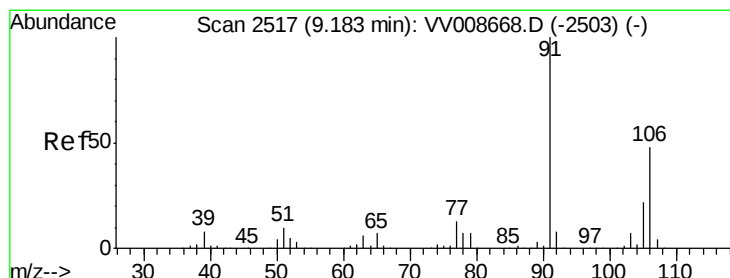
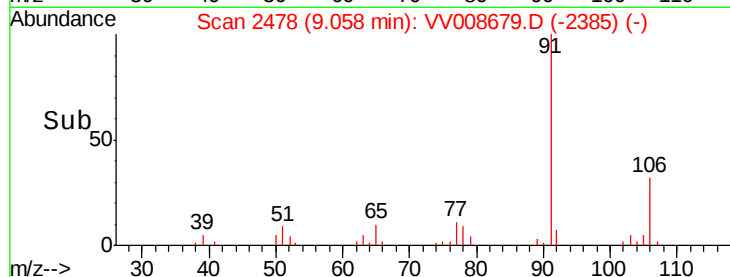
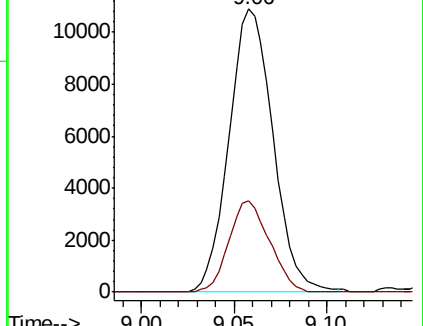
91 100

106 32.3 21.2 39.4



Abundance Ion 91.00 (90.70 to 91.70): VV008668.D (-2465) (-)

Ion 106.00 (105.70 to 106.70): VV008668.D (-2465) (-)



#53

m,p-Xylene

Concen: 5.530 ug/L

RT: 9.18 min Scan# 2517

Delta R.T. 0.00 min

Lab File: VV008679.D

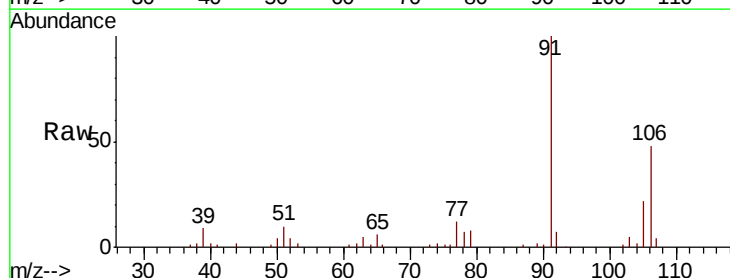
Acq: 20 Nov 2018 17:27

Tgt Ion: 106 Resp: 19103

Ion Ratio Lower Upper

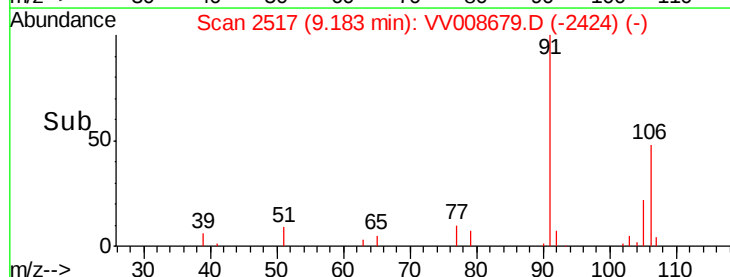
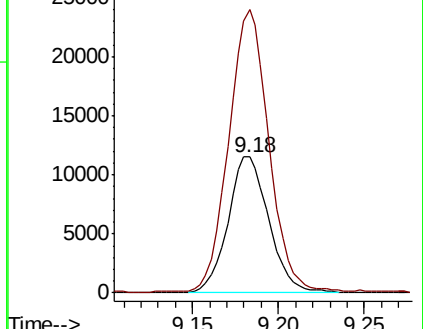
106 100

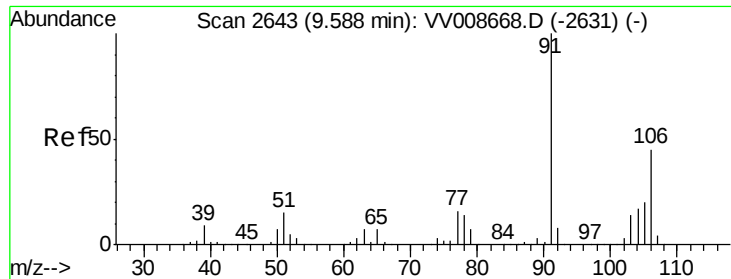
91 208.0 154.7 287.3



Abundance Ion 106.00 (105.70 to 106.70): VV008668.D (-2503) (-)

Ion 91.00 (90.70 to 91.70): VV008668.D (-2503) (-)





#54
o-xylene
Concen: 1.455 ug/L
RT: 9.59 min Scan# 2644
Delta R.T. 0.00 min
Lab File: VV008679.D
Acq: 20 Nov 2018 17:27

Instrument :
MSVOA_V
ClientSampleId :
E3YA3DL

Tgt Ion:106 Resp: 4997
Ion Ratio Lower Upper
106 100
91 208.7 146.7 272.5

