

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092318\
 Data File : VV007740.D
 Acq On : 22 Sep 2018 17:54
 Operator : SY/MD
 Sample : VV0922WBL01
 Misc : 5.0 mL/MSVOA_V/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK62

Quant Time: Sep 24 02:35:25 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092318WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Sep 24 02:35:10 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	198157	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	187271	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	97976	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	52049	48.33	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	96.66%
7) Chloroethane-d5	1.59	69	49214	50.29	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	100.58%
11) 1,1-Dichloroethene-d2	2.14	63	93685	36.90	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	73.80%
21) 2-Butanone-d5	3.95	46	70610	99.27	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	99.27%
24) Chloroform-d	4.41	84	109480	47.48	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.96%
26) 1,2-Dichloroethane-d4	5.09	65	73485	49.97	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.94%
32) Benzene-d6	5.11	84	218983	50.87	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.74%
36) 1,2-Dichloropropane-d6	6.13	67	64555	50.78	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.56%
41) Toluene-d8	7.36	98	222614	49.49	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.98%
43) trans-1,3-Dichloropropene-	7.67	79	29763	46.44	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.88%
47) 2-Hexanone-d5	8.14	63	54077	96.60	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	96.60%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	94008	47.38	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.76%
64) 1,2-Dichlorobenzene-d4	11.68	152	101208	50.22	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.44%

Target Compounds

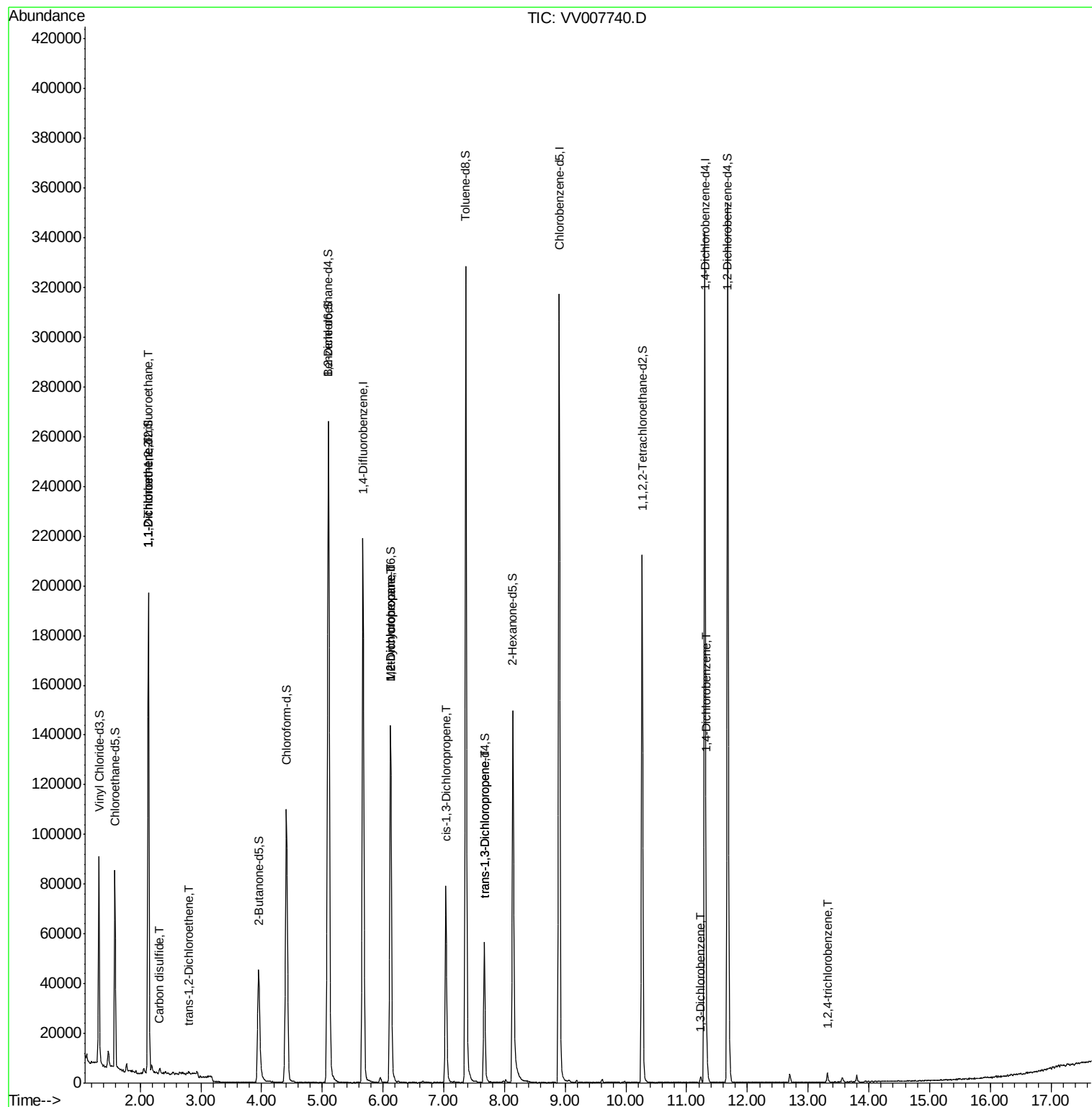
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	1204	0.804	ug/L #	34
12) 1,1-Dichloroethene	2.14	96	914	0.695	ug/L #	1
14) Carbon disulfide	2.32	76	2160	0.620	ug/L #	76
17) trans-1,2-Dichloroethene	2.80	96	497	0.335	ug/L	77
35) Methylcyclohexane	6.12	83	16832	8.284	ug/L #	23
37) 1,2-Dichloropropane	6.13	63	7903	6.998	ug/L #	86
39) cis-1,3-Dichloropropene	7.04	75	2223	1.224	ug/L #	66
44) trans-1,3-Dichloropropene	7.67	75	1791	1.039	ug/L	86
62) 1,3-Dichlorobenzene	11.23	146	1406	0.453	ug/L	95
63) 1,4-Dichlorobenzene	11.32	146	1856	0.576	ug/L	97
68) 1,2,4-trichlorobenzene	13.32	180	1807	0.772	ug/L #	93

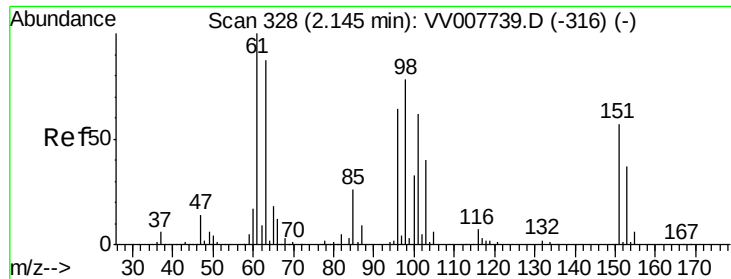
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#10

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

Concen: 0.804 ug/L

RT: 2.14 min Scan# 325

Delta R.T. -0.01 min

Lab File: VV007740.D

Acq: 22 Sep 2018 17:54

Instrument :

MSVOA_V

ClientSampleId :

VBLK62

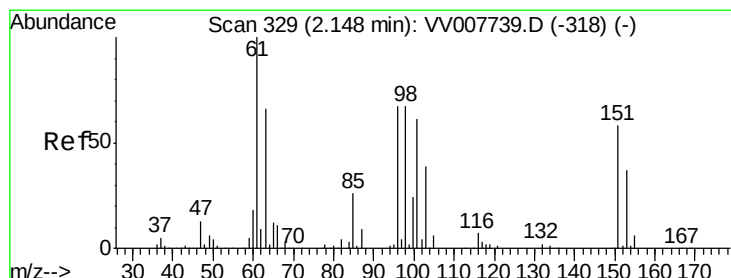
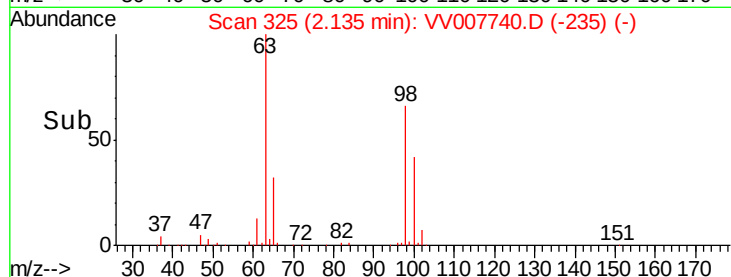
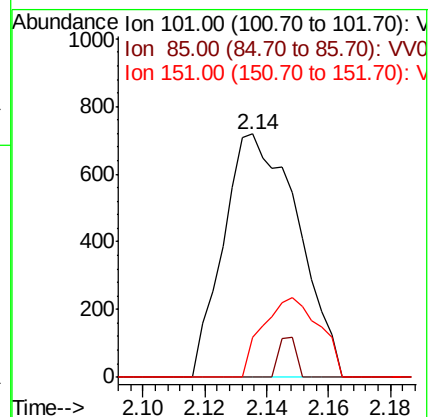
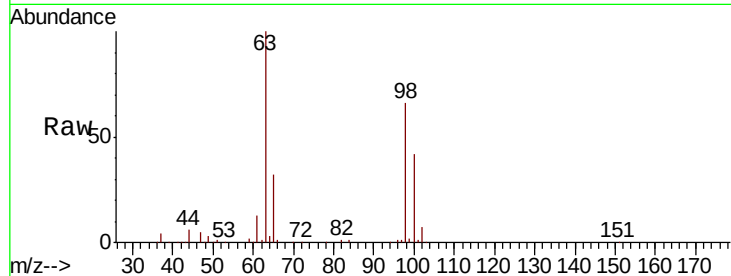
Tgt Ion:101 Resp: 1204

Ion Ratio Lower Upper

101 100

85 3.7 32.7 49.1#

151 24.9 72.2 108.2#



#12

1,1-Dichloroethene

Concen: 0.695 ug/L

RT: 2.14 min Scan# 326

Delta R.T. -0.01 min

Lab File: VV007740.D

Acq: 22 Sep 2018 17:54

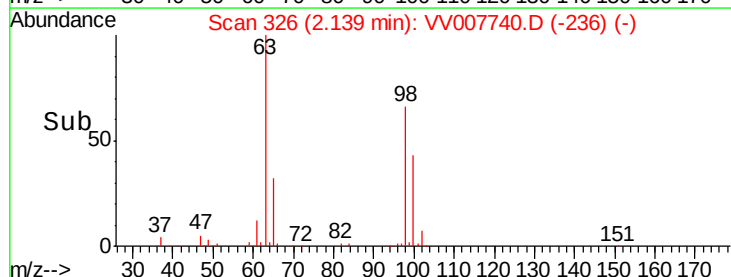
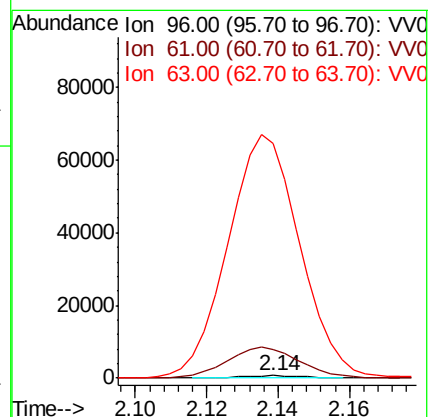
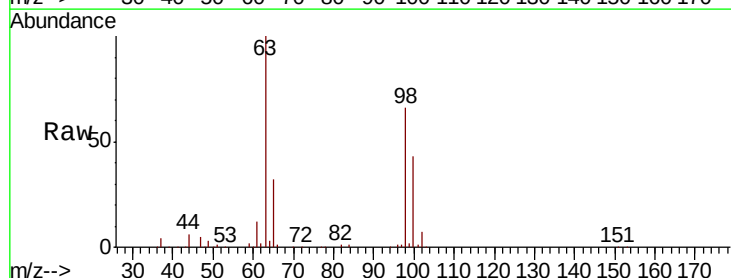
Tgt Ion: 96 Resp: 914

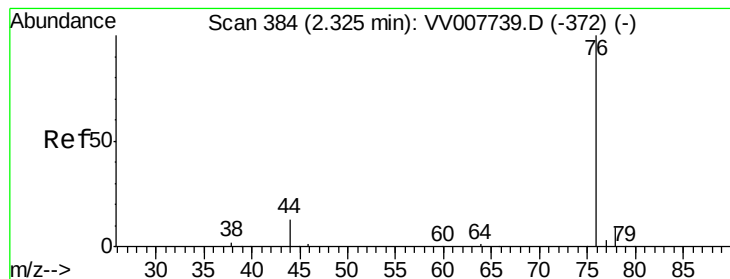
Ion Ratio Lower Upper

96 100

61 1196.6 107.3 199.3#

63 9647.8 78.8 146.4#





#14

Carbon disulfide

Concen: 0.620 ug/L

RT: 2.32 min Scan# 383

Delta R.T. -0.00 min

Lab File: VV007740.D

Acq: 22 Sep 2018 17:54

Instrument :

MSVOA_V

ClientSampleId :

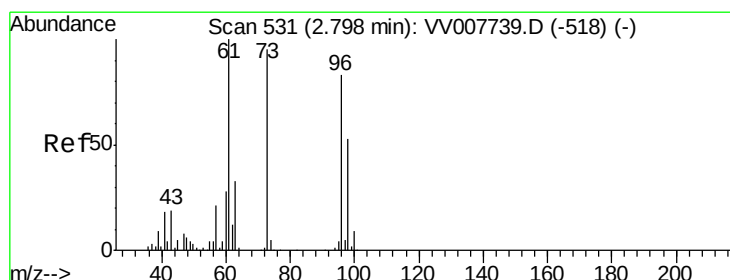
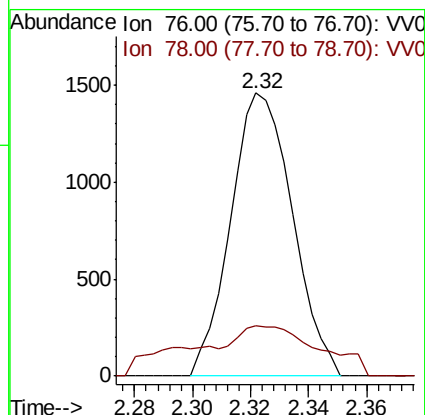
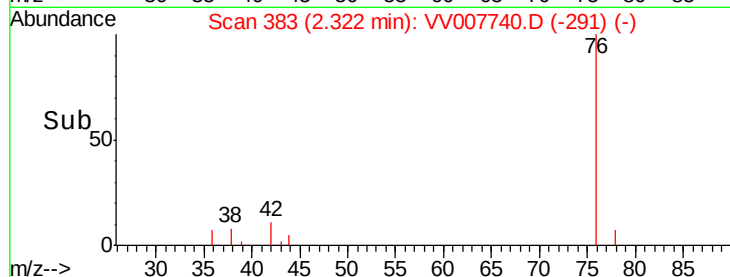
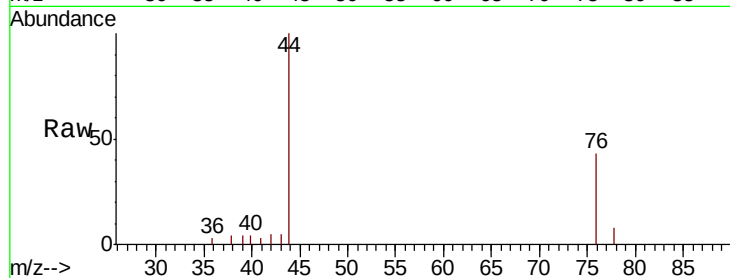
VBLK62

Tgt Ion: 76 Resp: 2160

Ion Ratio Lower Upper

76 100

78 17.9 7.4 11.0#



#17

trans-1,2-Dichloroethene

Concen: 0.335 ug/L

RT: 2.80 min Scan# 532

Delta R.T. 0.00 min

Lab File: VV007740.D

Acq: 22 Sep 2018 17:54

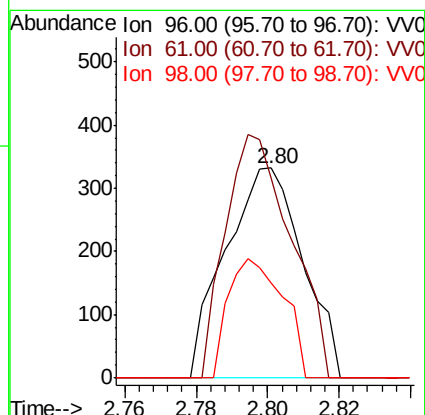
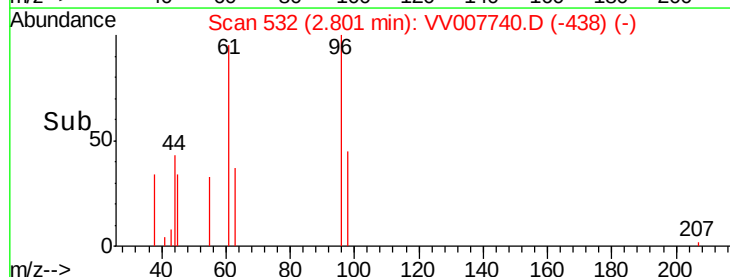
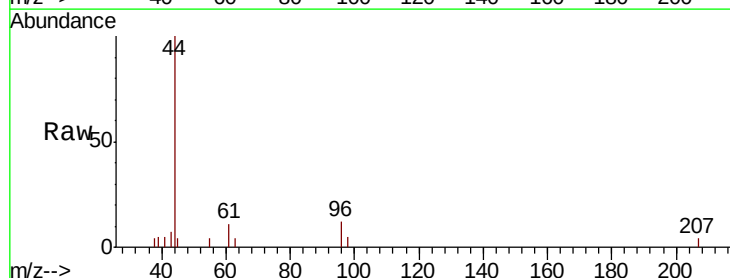
Tgt Ion: 96 Resp: 497

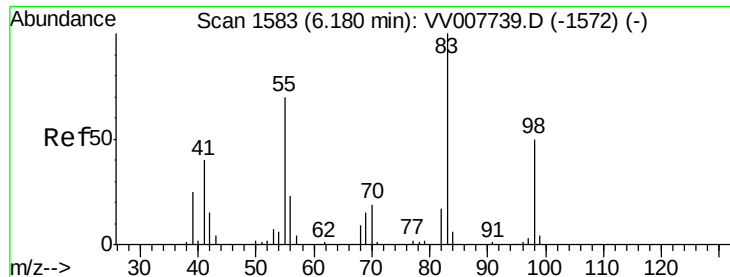
Ion Ratio Lower Upper

96 100

61 95.2 84.9 157.7

98 45.2 44.6 82.8

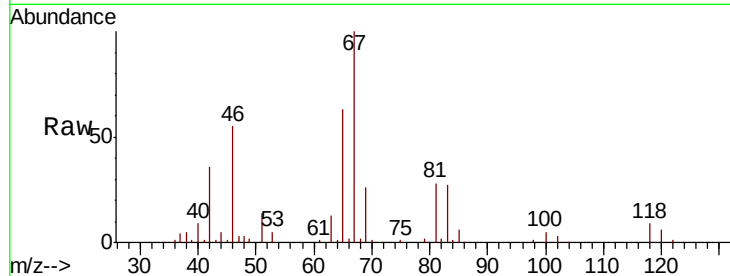




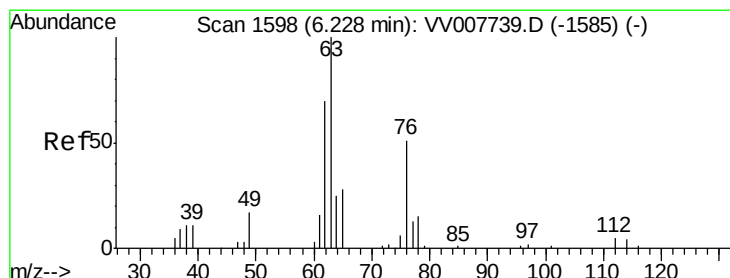
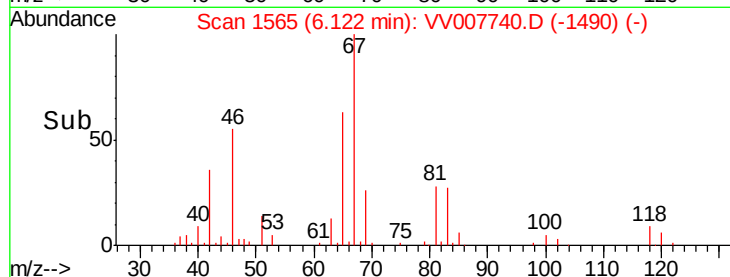
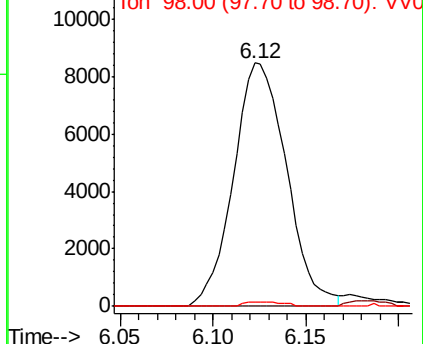
#35
Methylcyclohexane
Concen: 8.284 ug/L
RT: 6.12 min Scan# 1565
Delta R.T. -0.06 min
Lab File: VV007740.D
Acq: 22 Sep 2018 17:54

Instrument :
MSVOA_V
ClientSampled :
VBLK62

Tgt Ion: 83 Resp: 16832
Ion Ratio Lower Upper
83 100
55 1.6 54.6 82.0#
98 1.3 39.0 58.6#

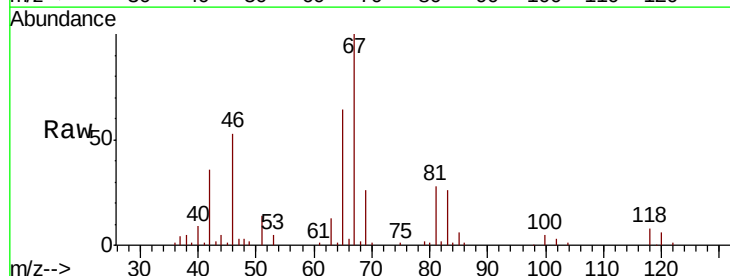


Abundance Ion 83.00 (82.70 to 83.70): VV0
Ion 55.00 (54.70 to 55.70): VV0
Ion 98.00 (97.70 to 98.70): VV0

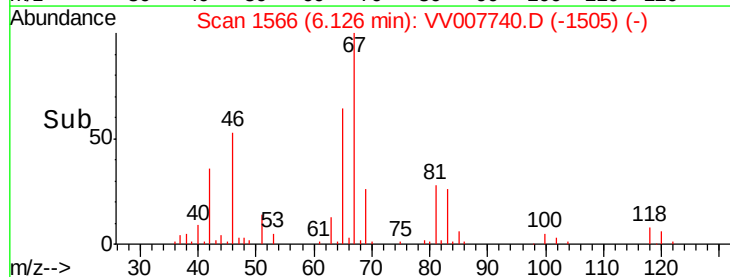
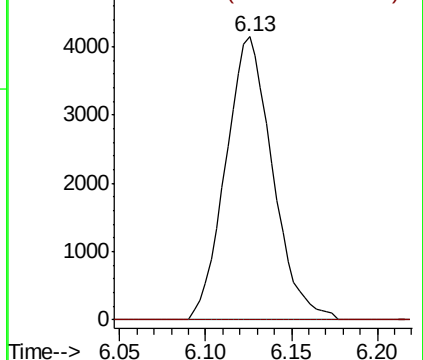


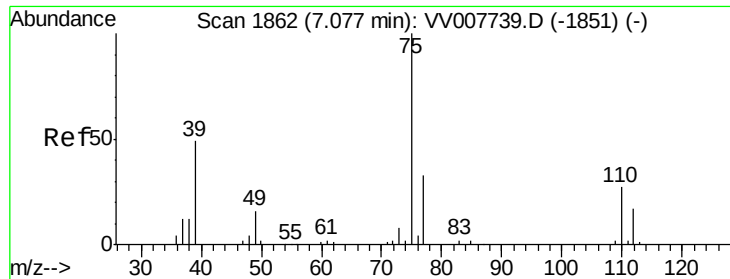
#37
1,2-Dichloropropane
Concen: 6.998 ug/L
RT: 6.13 min Scan# 1566
Delta R.T. -0.10 min
Lab File: VV007740.D
Acq: 22 Sep 2018 17:54

Tgt Ion: 63 Resp: 7903
Ion Ratio Lower Upper
63 100
112 0.0 3.8 5.6#



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

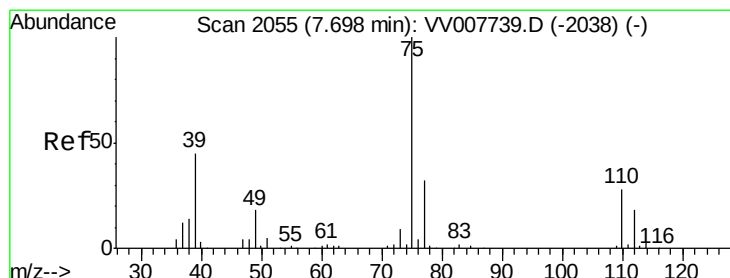
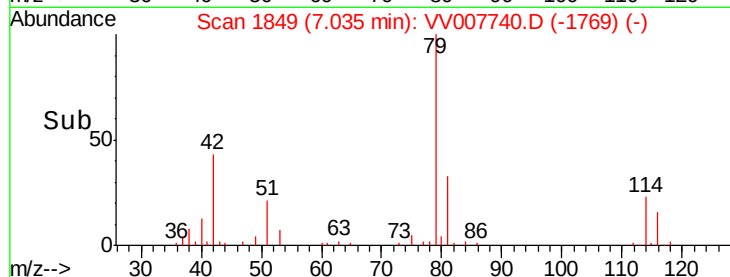
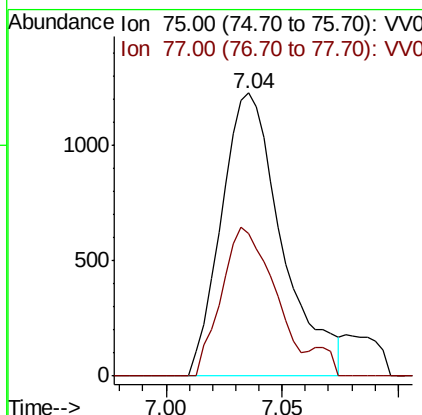
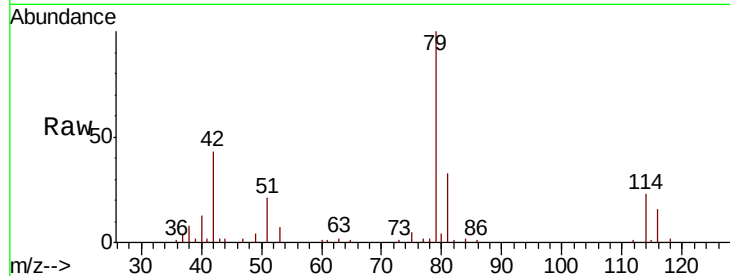




#39
 cis-1,3-Dichloropropene
 Concen: 1.224 ug/L
 RT: 7.04 min Scan# 1849
 Delta R.T. -0.04 min
 Lab File: VV007740.D
 Acq: 22 Sep 2018 17:54

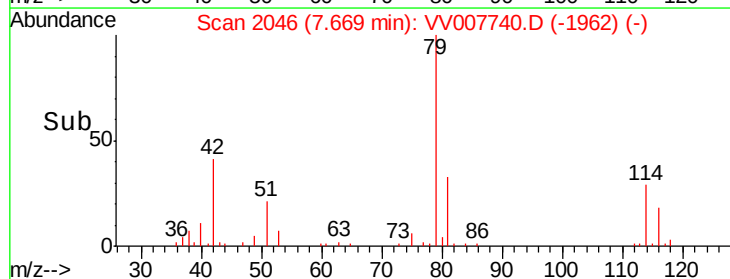
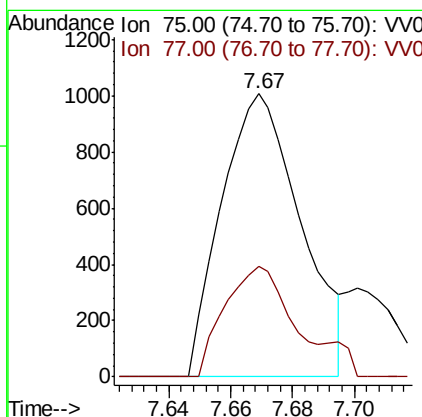
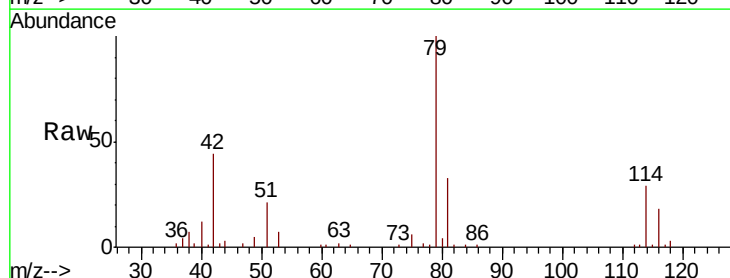
Instrument :
 MSVOA_V
 ClientSampleID :
 VBLK62

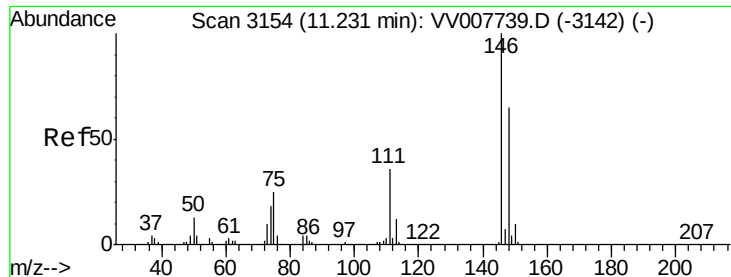
Tgt Ion: 75 Resp: 2223
 Ion Ratio Lower Upper
 75 100
 77 50.4 22.0 40.8#



#44
 trans-1,3-Dichloropropene
 Concen: 1.039 ug/L
 RT: 7.67 min Scan# 2046
 Delta R.T. -0.03 min
 Lab File: VV007740.D
 Acq: 22 Sep 2018 17:54

Tgt Ion: 75 Resp: 1791
 Ion Ratio Lower Upper
 75 100
 77 39.1 22.0 40.8

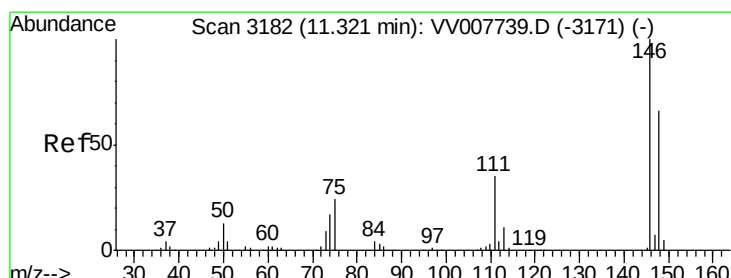
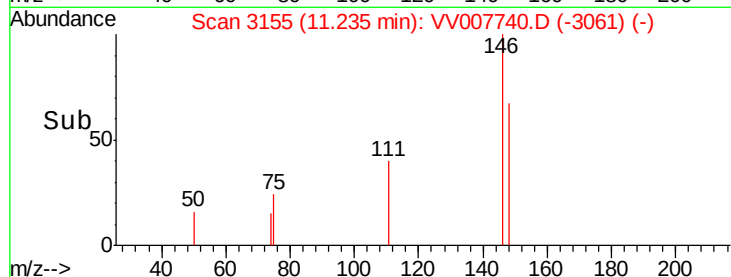
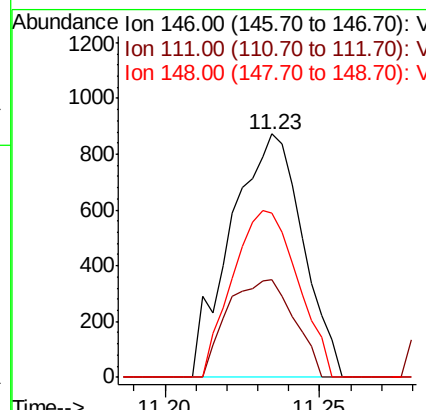
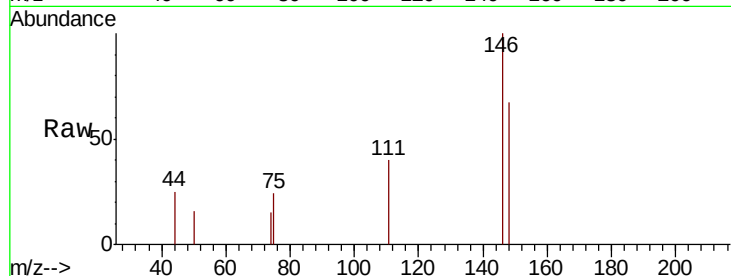




#62
 1,3-Dichlorobenzene
 Concen: 0.453 ug/L
 RT: 11.23 min Scan# 3155
 Delta R.T. 0.00 min
 Lab File: VV007740.D
 Acq: 22 Sep 2018 17:54

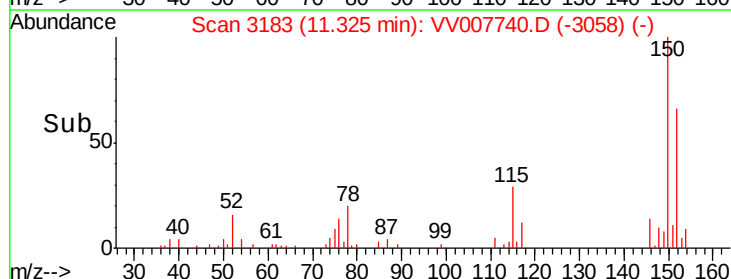
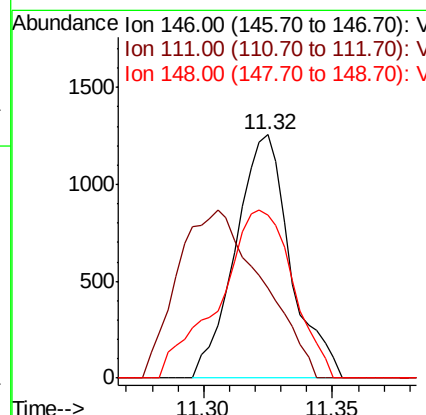
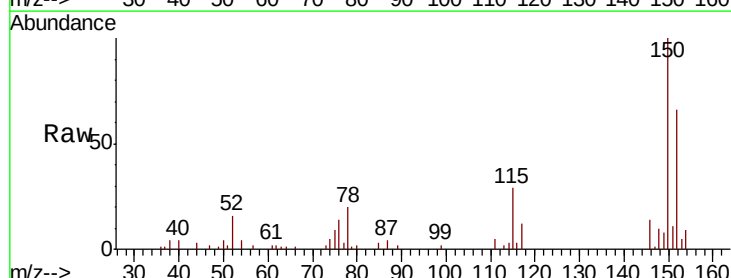
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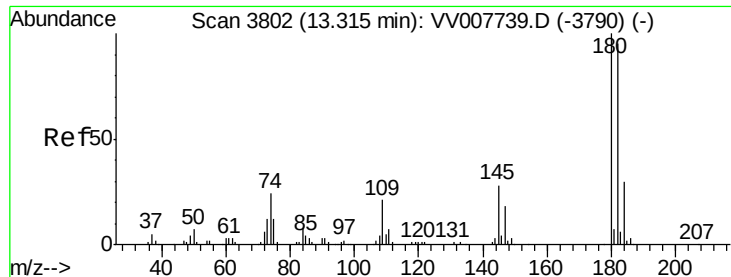
Tgt Ion:146 Resp: 1406
 Ion Ratio Lower Upper
 146 100
 111 40.0 25.1 46.7
 148 67.2 45.1 83.9



#63
 1,4-Dichlorobenzene
 Concen: 0.576 ug/L
 RT: 11.32 min Scan# 3183
 Delta R.T. 0.00 min
 Lab File: VV007740.D
 Acq: 22 Sep 2018 17:54

Tgt Ion:146 Resp: 1856
 Ion Ratio Lower Upper
 146 100
 111 36.8 24.4 45.4
 148 67.1 45.1 83.7





#68
 1,2,4-trichlorobenzene
 Concen: 0.772 ug/L
 RT: 13.32 min Scan# 3803
 Delta R.T. 0.00 min
 Lab File: VV007740.D
 Acq: 22 Sep 2018 17:54

Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK62

Tgt Ion:180 Resp: 1807
 Ion Ratio Lower Upper
 180 100
 182 90.9 77.0 115.6
 145 21.7 22.2 33.2#

