

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV091718\
 Data File : VV007582.D
 Acq On : 17 Sep 2018 10:56
 Operator : SY/MD
 Sample : VV0917WBL01
 Misc : 25.0 mL/MSVOA_V/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK63

Quant Time: Sep 17 12:17:10 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR091318WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Sep 17 12:17:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	123014	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	108958	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	55455	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	24998	3.89	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	77.80%
7) Chloroethane-d5	1.59	69	24753	4.59	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.80%
11) 1,1-Dichloroethene-d2	2.14	63	46025	3.44	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.80%
20) 2-Butanone-d5	3.97	46	38620	43.09	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	86.18%
24) Chloroform-d	4.41	84	59207	4.49	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.80%
26) 1,2-Dichloroethane-d4	5.09	65	31093	4.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.20%
32) Benzene-d6	5.10	84	119463	4.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.60%
36) 1,2-Dichloropropane-d6	6.12	67	35671	4.84	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.80%
41) Toluene-d8	7.36	98	121273	4.71	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.20%
43) trans-1,3-Dichloropropene-	7.67	79	14890	4.37	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.40%
46) 2-Hexanone-d5	8.15	63	20447	37.57	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	75.14%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	21126	4.10	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	82.00%
64) 1,2-Dichlorobenzene-d4	11.68	152	49345	4.86	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.20%

Target Compounds

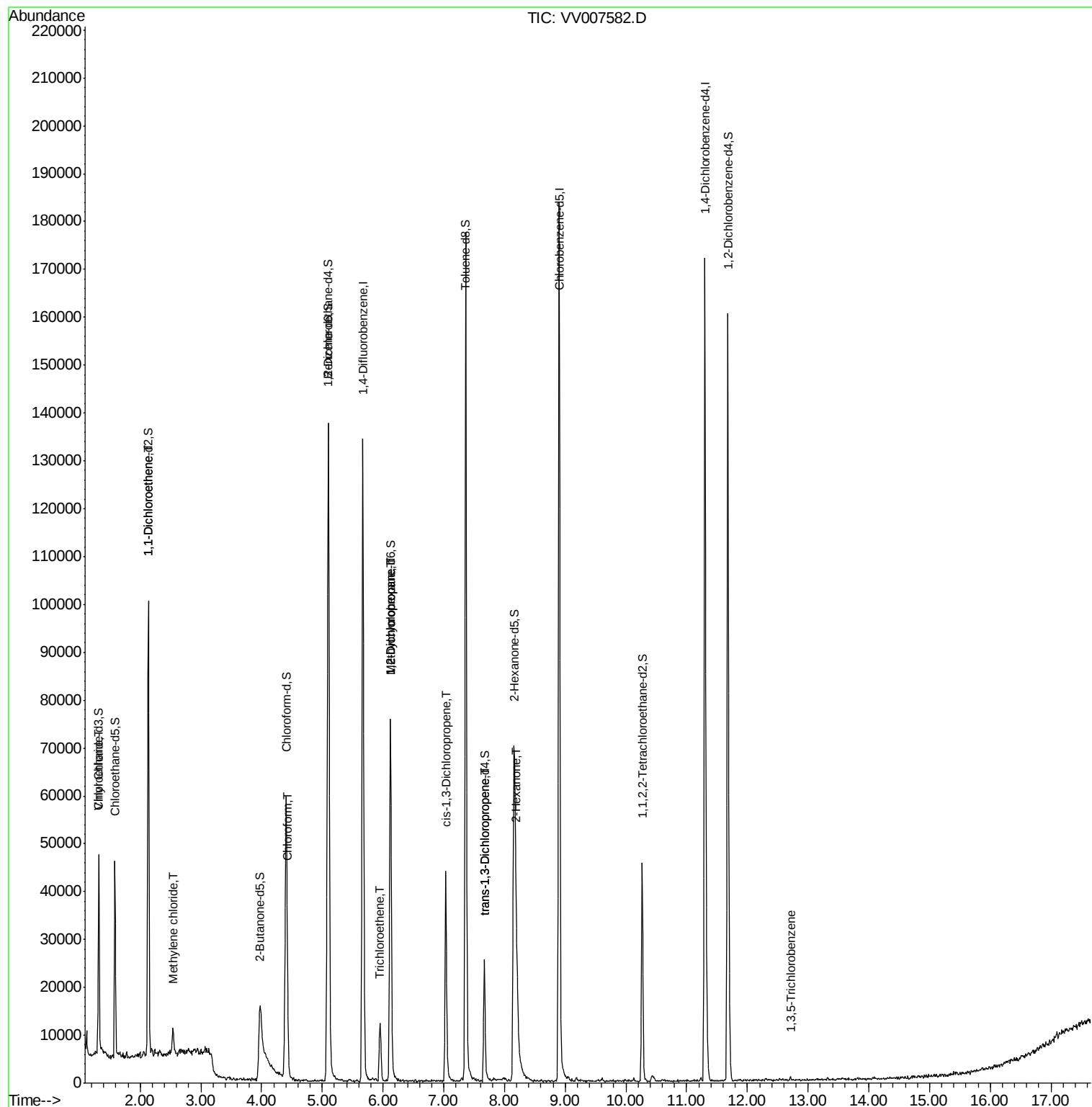
					Qvalue
8) Chloroethane	1.32	64	392	0.100 ug/L #	1
12) 1,1-Dichloroethene	2.14	96	667	0.107 ug/L #	1
16) Methylene chloride	2.54	84	2251	0.334 ug/L	93
25) Chloroform	4.43	83	1840	0.163 ug/L	99
34) Trichloroethene	5.96	95	1139	0.165 ug/L	95
35) Methylcyclohexane	6.12	83	9083	0.852 ug/L #	34
37) 1,2-Dichloropropane	6.12	63	4085	0.737 ug/L #	85
39) cis-1,3-Dichloropropene	7.03	75	1287	0.146 ug/L #	69
44) trans-1,3-Dichloropropene	7.67	75	725	0.100 ug/L	84
48) 2-Hexanone	8.20	43	14283	6.146 ug/L #	62
67) 1,3,5-Trichlorobenzene	12.70	180	466	0.043 ug/L #	61

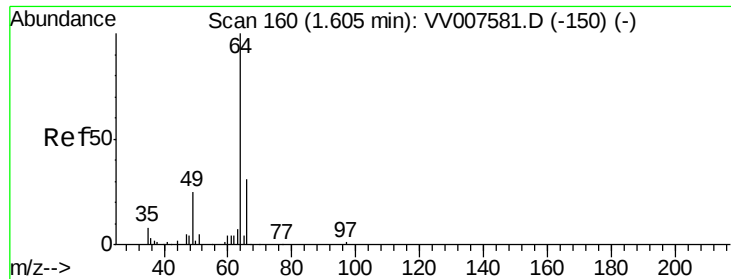
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

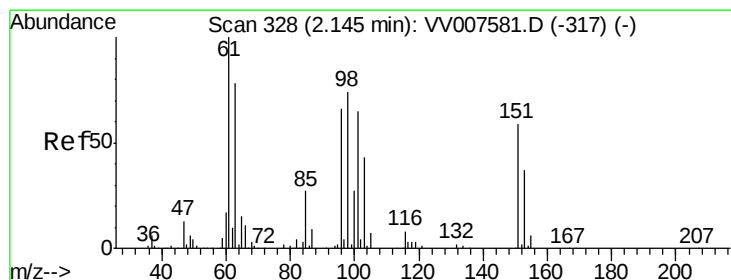
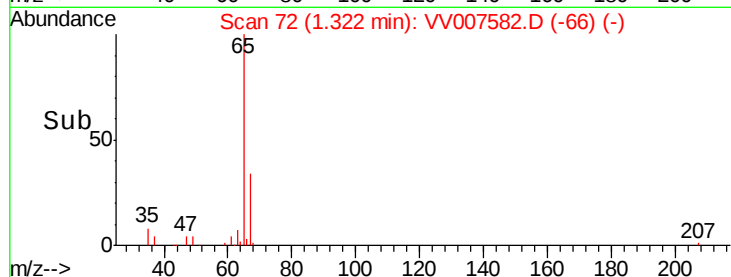
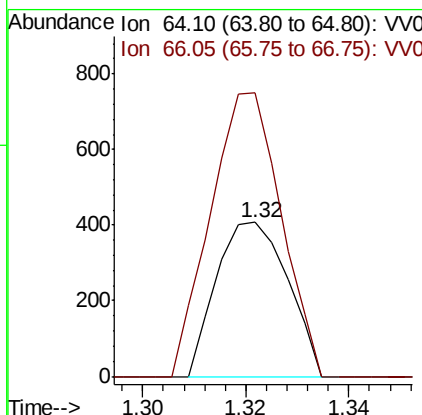
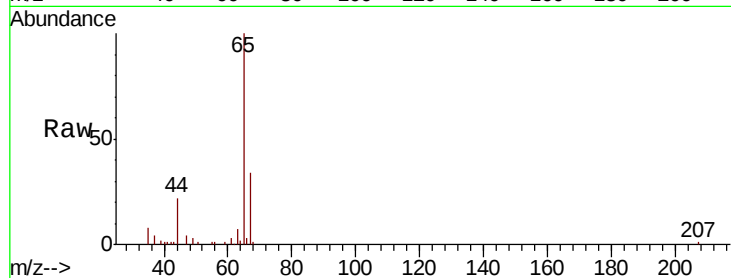




#8
 Chloroethane
 Concen: 0.100 ug/L
 RT: 1.32 min Scan# 72
 Delta R.T. -0.28 min
 Lab File: VV007582.D
 Acq: 17 Sep 2018 10:56

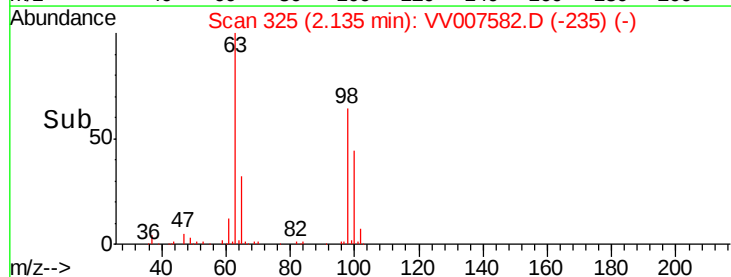
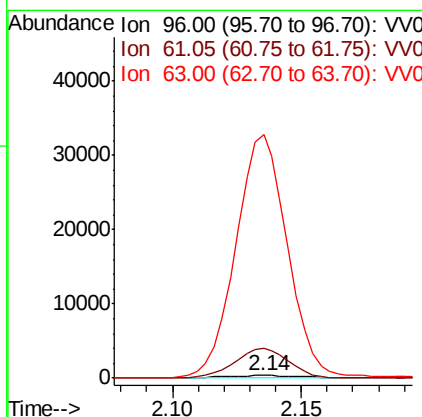
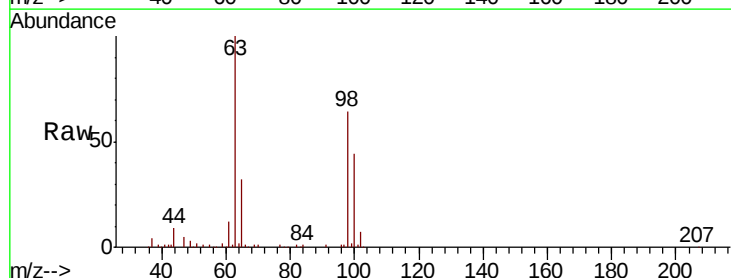
Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK63

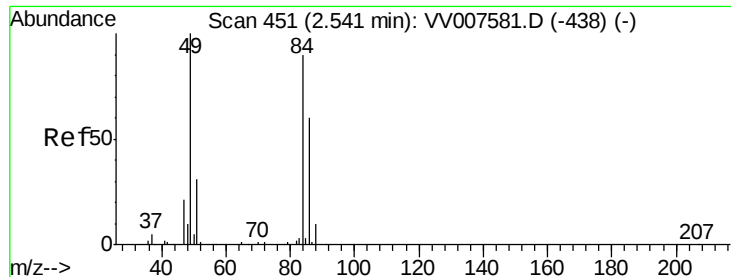
Tgt Ion: 64 Resp: 392
 Ion Ratio Lower Upper
 64 100
 66 184.0 24.3 45.1#



#12
 1,1-Dichloroethene
 Concen: 0.107 ug/L
 RT: 2.14 min Scan# 325
 Delta R.T. -0.01 min
 Lab File: VV007582.D
 Acq: 17 Sep 2018 10:56

Tgt Ion: 96 Resp: 667
 Ion Ratio Lower Upper
 96 100
 61 1076.8 114.8 213.2#
 63 8746.7 81.8 151.8#

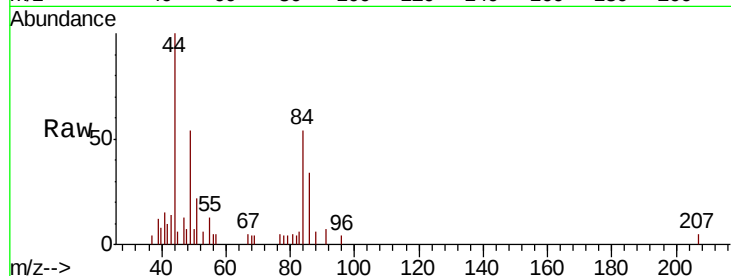




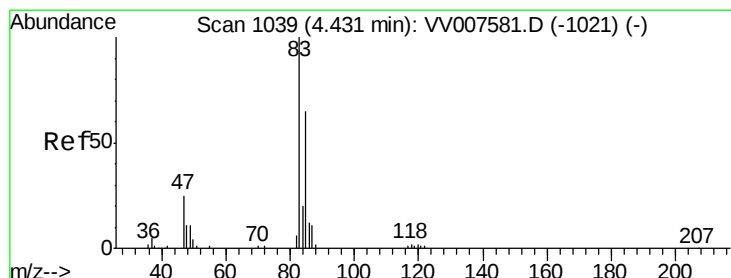
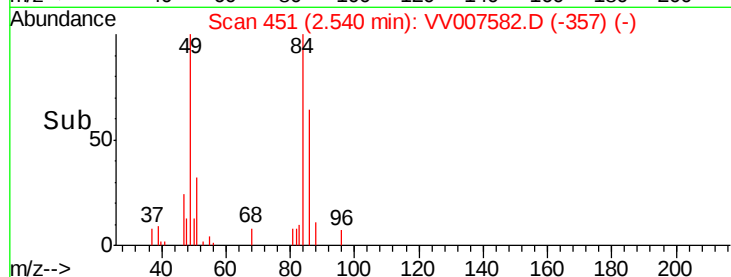
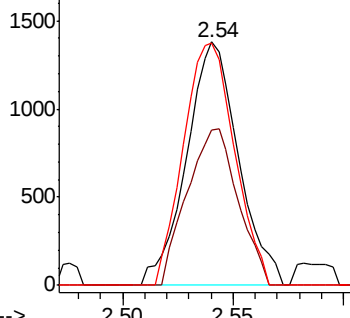
#16
Methylene chloride
Concen: 0.334 ug/L
RT: 2.54 min Scan# 451
Delta R.T. 0.00 min
Lab File: VV007582.D
Acq: 17 Sep 2018 10:56

Instrument :
MSVOA_V
ClientSampleId :
VBLK63

Tgt Ion: 84 Resp: 2251
Ion Ratio Lower Upper
84 100
86 63.6 43.7 81.1
49 99.6 76.8 142.6

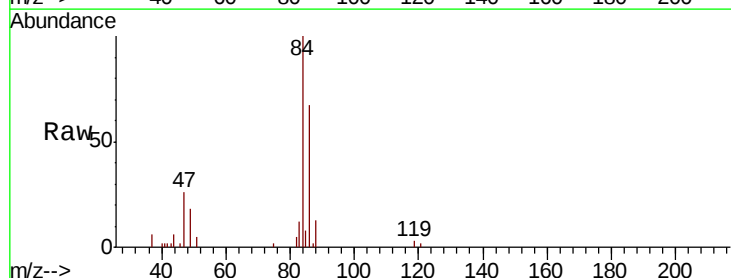


Abundance Ion 84.05 (83.75 to 84.75): VV0
Ion 86.00 (85.70 to 86.70): VV0
Ion 49.10 (48.80 to 49.80): VV0

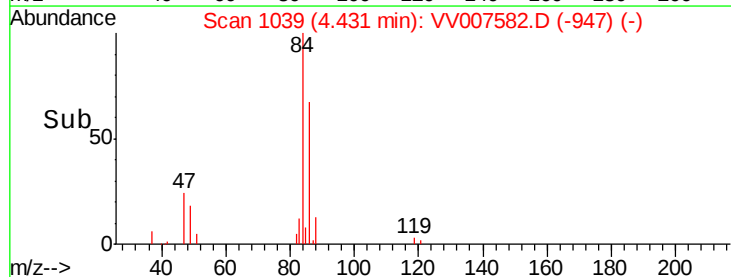
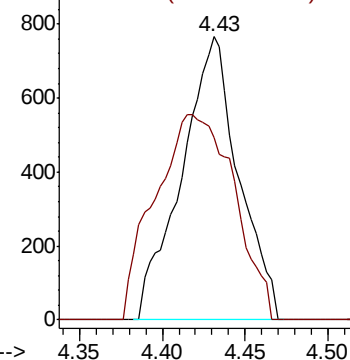


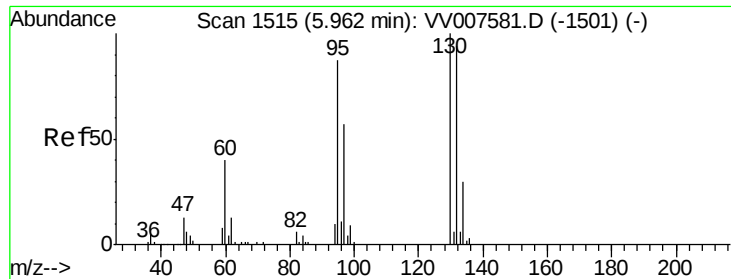
#25
Chloroform
Concen: 0.163 ug/L
RT: 4.43 min Scan# 1039
Delta R.T. -0.00 min
Lab File: VV007582.D
Acq: 17 Sep 2018 10:56

Tgt Ion: 83 Resp: 1840
Ion Ratio Lower Upper
83 100
85 64.5 45.5 84.5



Abundance Ion 83.05 (82.75 to 83.75): VV0
Ion 85.00 (84.70 to 85.70): VV0

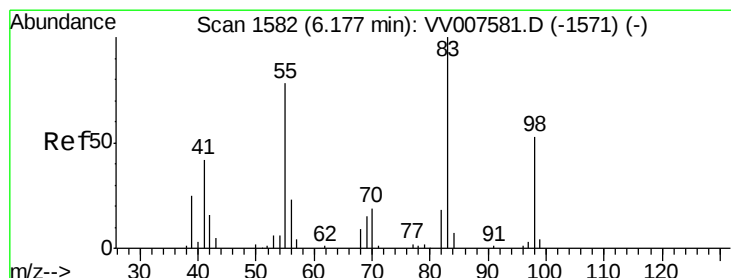
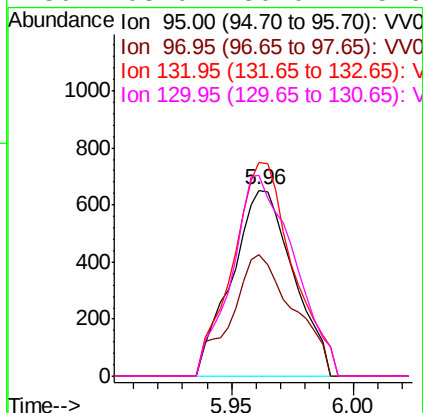
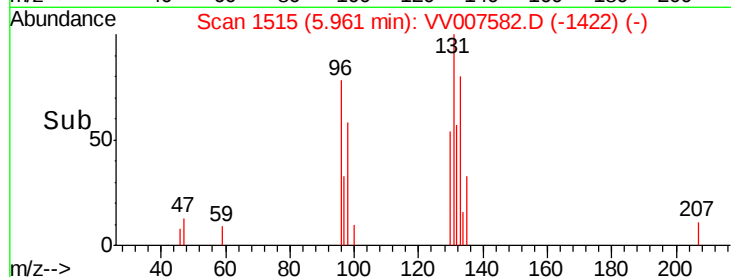
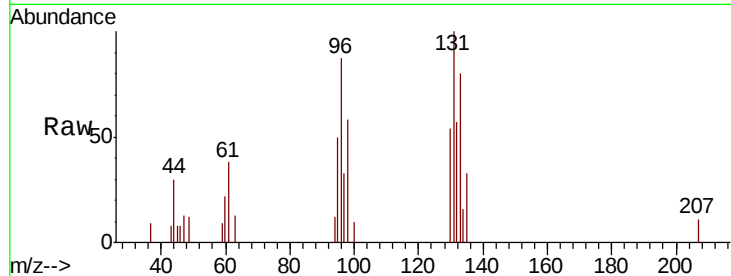




#34
 Trichloroethene
 Concen: 0.165 ug/L
 RT: 5.96 min Scan# 1515
 Delta R.T. 0.00 min
 Lab File: VV007582.D
 Acq: 17 Sep 2018 10:56

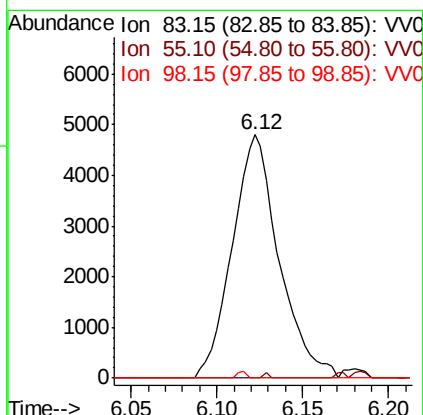
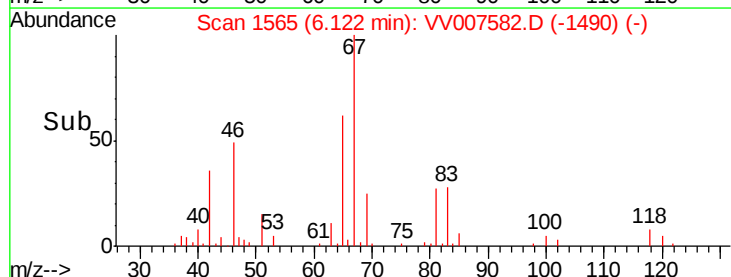
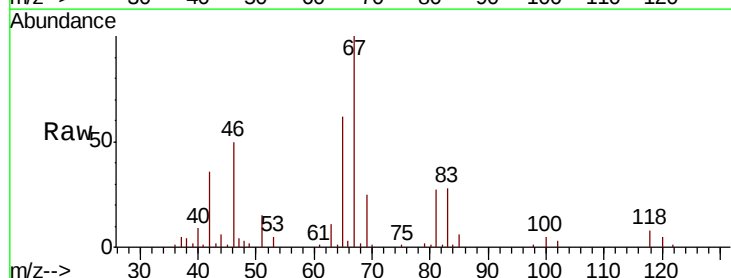
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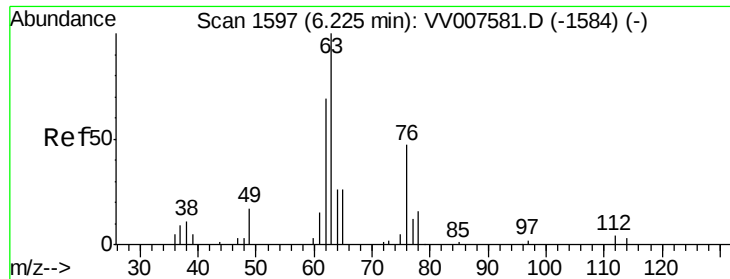
Tgt Ion: 95 Resp: 1139
 Ion Ratio Lower Upper
 95 100
 97 65.2 45.5 84.5
 132 114.7 74.9 139.1
 130 108.0 80.0 148.6



#35
 Methylcyclohexane
 Concen: 0.852 ug/L
 RT: 6.12 min Scan# 1565
 Delta R.T. -0.06 min
 Lab File: VV007582.D
 Acq: 17 Sep 2018 10:56

Tgt Ion: 83 Resp: 9083
 Ion Ratio Lower Upper
 83 100
 55 0.2 55.0 82.4#
 98 20.6 37.6 56.4#

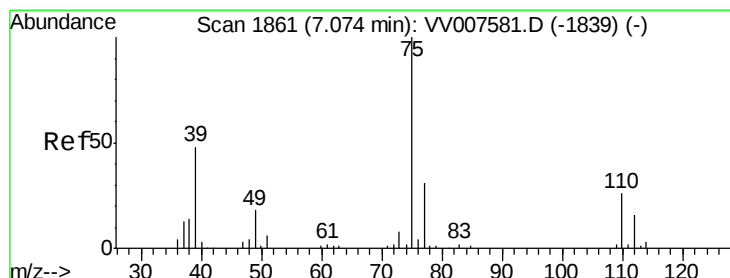
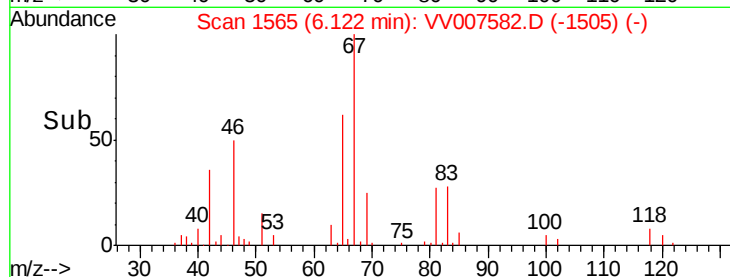
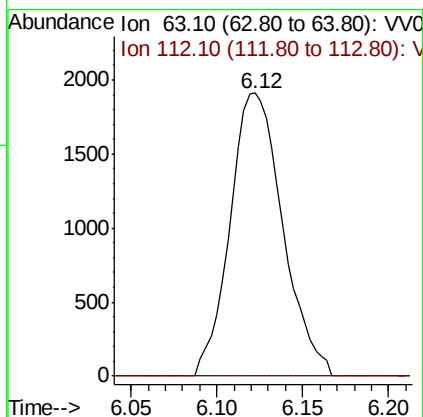
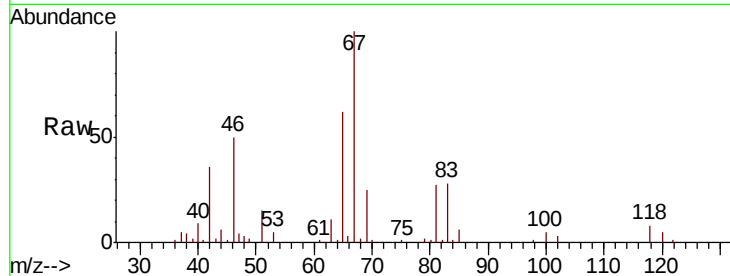




#37
 1,2-Dichloropropane
 Concen: 0.737 ug/L
 RT: 6.12 min Scan# 1565
 Delta R.T. -0.11 min
 Lab File: VV007582.D
 Acq: 17 Sep 2018 10:56

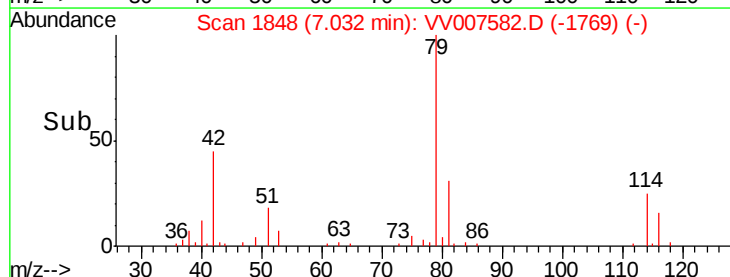
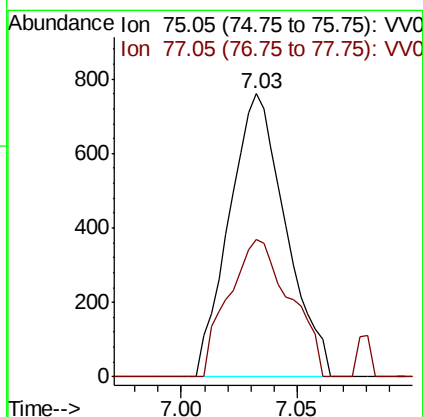
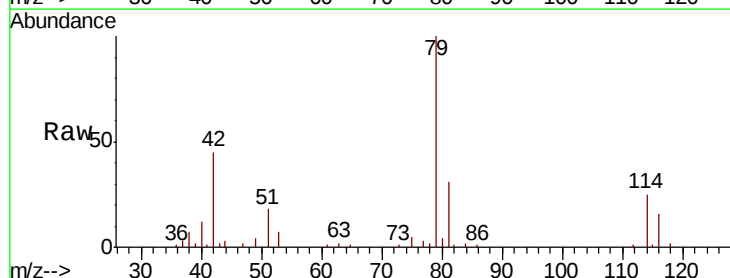
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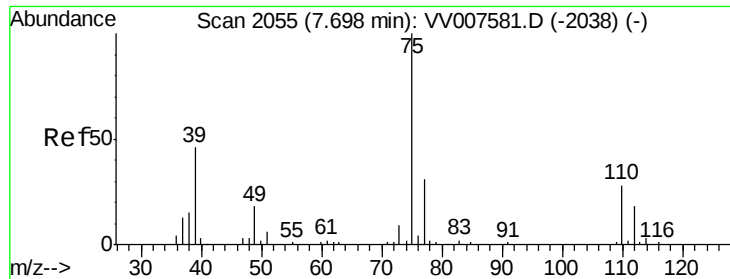
Tgt Ion: 63 Resp: 4085
 Ion Ratio Lower Upper
 63 100
 112 0.0 4.1 6.1#



#39
 cis-1,3-Dichloropropene
 Concen: 0.146 ug/L
 RT: 7.03 min Scan# 1848
 Delta R.T. -0.04 min
 Lab File: VV007582.D
 Acq: 17 Sep 2018 10:56

Tgt Ion: 75 Resp: 1287
 Ion Ratio Lower Upper
 75 100
 77 48.4 22.0 41.0#

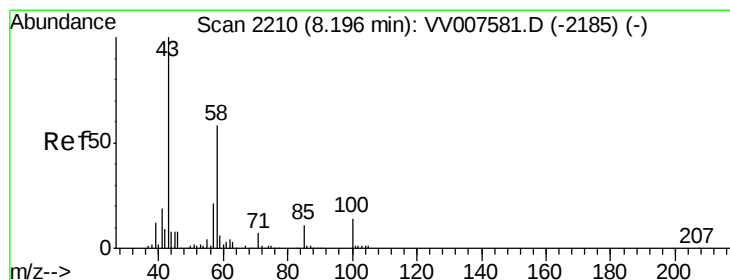
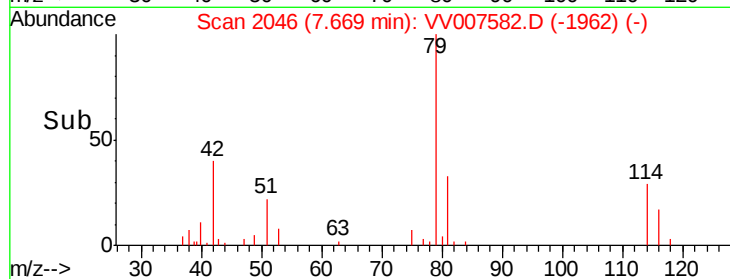
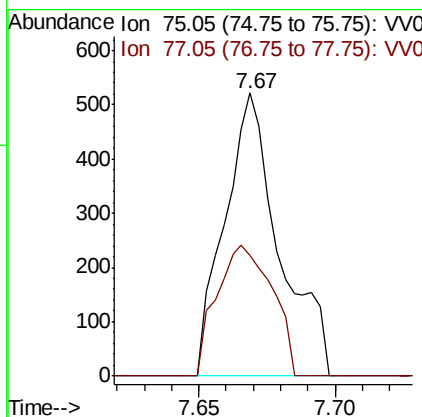
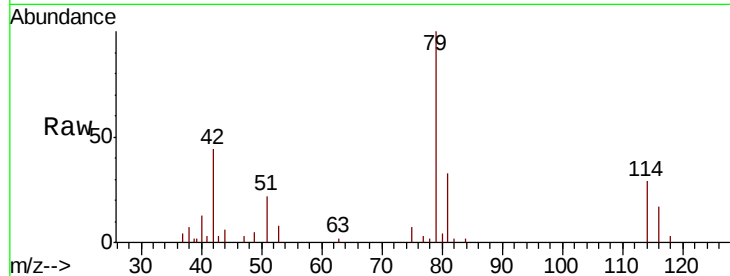




#44
trans-1,3-Dichloropropene
Concen: 0.100 ug/L
RT: 7.67 min Scan# 2046
Delta R.T. -0.03 min
Lab File: VV007582.D
Acq: 17 Sep 2018 10:56

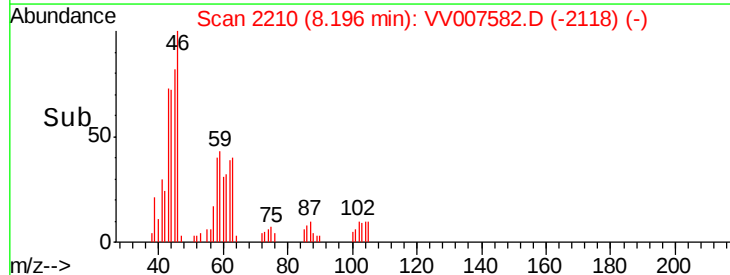
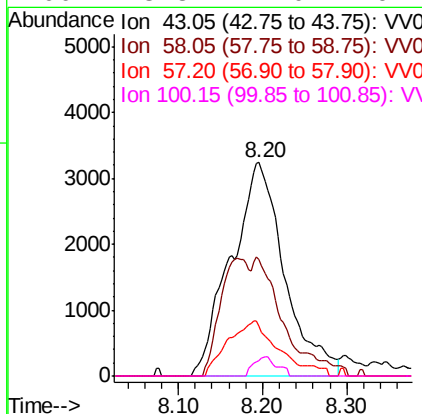
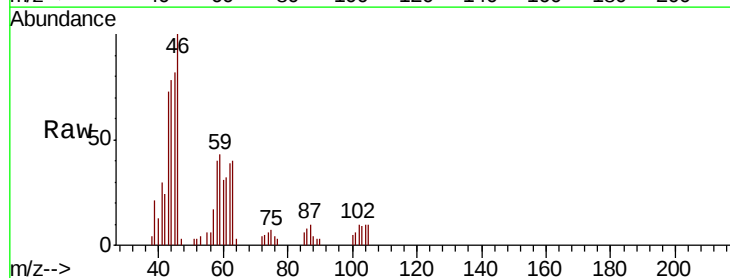
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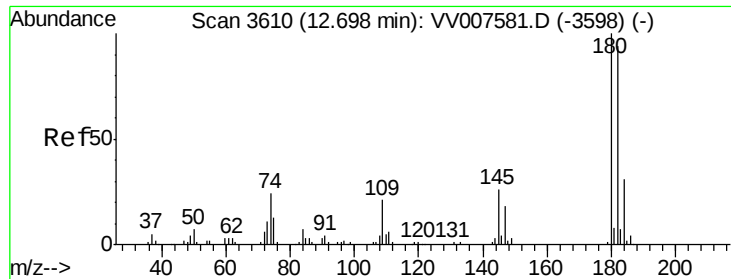
Tgt Ion: 75 Resp: 725
Ion Ratio Lower Upper
75 100
77 42.7 23.4 43.4



#48
2-Hexanone
Concen: 6.146 ug/L
RT: 8.20 min Scan# 2210
Delta R.T. -0.00 min
Lab File: VV007582.D
Acq: 17 Sep 2018 10:56

Tgt Ion: 43 Resp: 14283
Ion Ratio Lower Upper
43 100
58 20.2 49.8 74.6#
57 23.5 18.2 27.4
100 3.8 11.0 16.4#





#67
 1,3,5-Trichlorobenzene
 Concen: 0.043 ug/L
 RT: 12.70 min Scan# 3611
 Delta R.T. 0.00 min
 Lab File: VV007582.D
 Acq: 17 Sep 2018 10:56

Instrument :
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Tgt Ion	Ratio	Lower	Upper
180	100		
182	66.3	76.1	114.1#
184	0.0	24.0	36.0#
145	0.0	22.6	34.0#

