

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV091518\
 Data File : VV007564.D
 Acq On : 15 Sep 2018 14:52
 Operator : SY/MD
 Sample : J4871-08DL 4X
 Misc : 25.0 mL/MSVOA_V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C0KL8DL

Quant Time: Sep 17 01:46:25 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR091318WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Sep 17 01:45:59 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	142527	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	125641	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	63417	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	27894	3.75	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	75.00%
7) Chloroethane-d5	1.59	69	26127	4.18	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	83.60%
11) 1,1-Dichloroethene-d2	2.14	63	51174	3.30	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.00%
20) 2-Butanone-d5	3.97	46	44449	42.80	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	85.60%
24) Chloroform-d	4.41	84	61952	4.06	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.20%
26) 1,2-Dichloroethane-d4	5.09	65	31335	4.19	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.80%
32) Benzene-d6	5.10	84	122052	4.28	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.60%
36) 1,2-Dichloropropane-d6	6.12	67	36055	4.24	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	84.80%
41) Toluene-d8	7.36	98	125478	4.23	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.60%
43) trans-1,3-Dichloropropene-	7.67	79	14734	3.75	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	75.00%
46) 2-Hexanone-d5	8.15	63	20519	32.69	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	65.38%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	22230	3.74	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	74.80%
64) 1,2-Dichlorobenzene-d4	11.68	152	51289	4.42	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	88.40%

Target Compounds

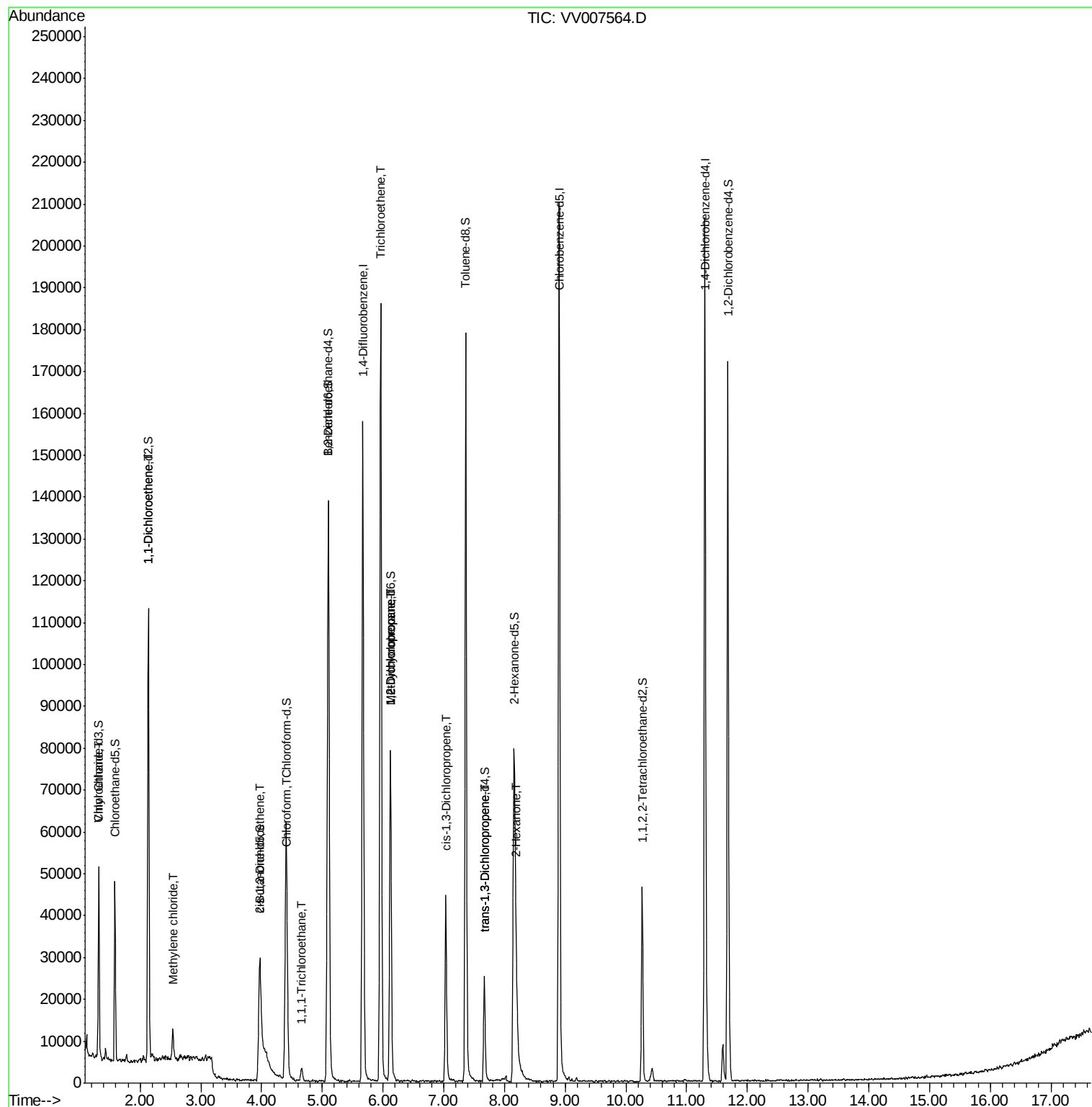
					Qvalue
8) Chloroethane	1.32	64	431	0.094 ug/L #	1
12) 1,1-Dichloroethene	2.14	96	4619	0.639 ug/L #	1
16) Methylene chloride	2.54	84	3143	0.402 ug/L	92
22) cis-1,2-Dichloroethene	3.96	96	7504	0.967 ug/L	96
25) Chloroform	4.43	83	1600	0.122 ug/L	93
29) 1,1,1-Trichloroethane	4.65	97	2726	0.223 ug/L	92
34) Trichloroethene	5.96	95	59018	7.417 ug/L	99
35) Methylcyclohexane	6.12	83	9144	0.744 ug/L #	23
37) 1,2-Dichloropropane	6.12	63	4311	0.674 ug/L #	85
39) cis-1,3-Dichloropropene	7.04	75	1186	0.117 ug/L #	40
44) trans-1,3-Dichloropropene	7.67	75	717	0.086 ug/L #	82
48) 2-Hexanone	8.20	43	7642	2.852 ug/L #	36

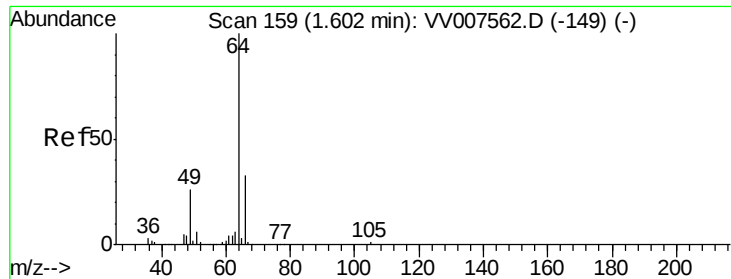
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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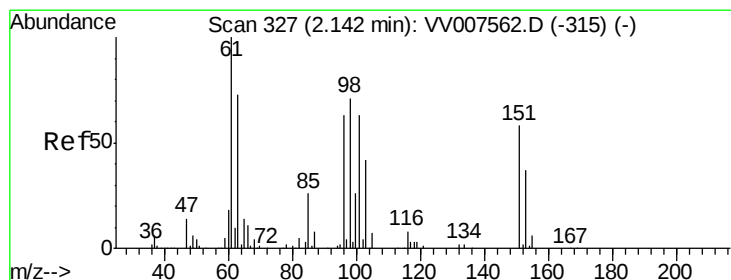
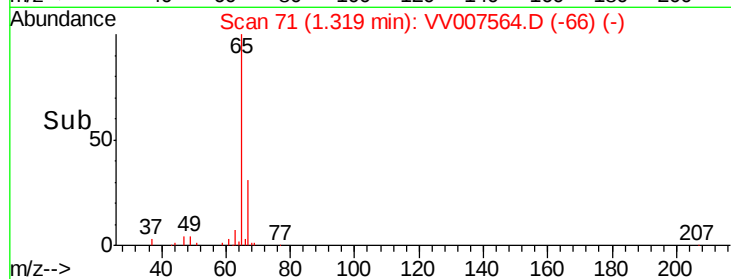
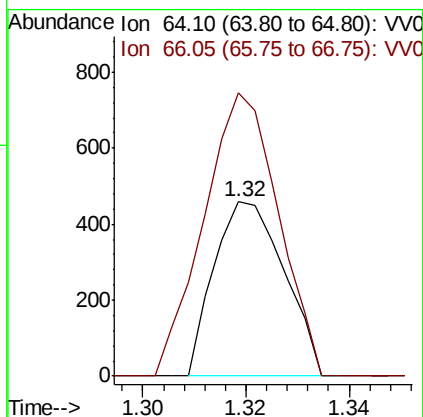
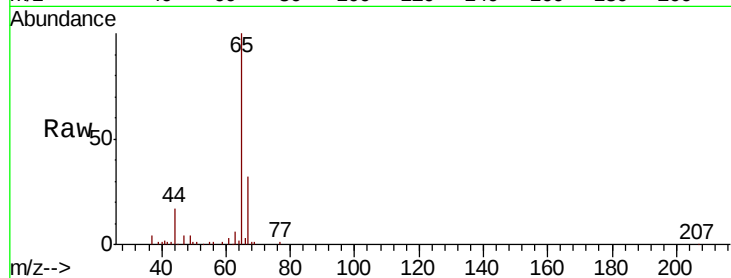




#8
Chloroethane
Concen: 0.094 ug/L
RT: 1.32 min Scan# 71
Delta R.T. -0.28 min
Lab File: VV007564.D
Acq: 15 Sep 2018 14:52

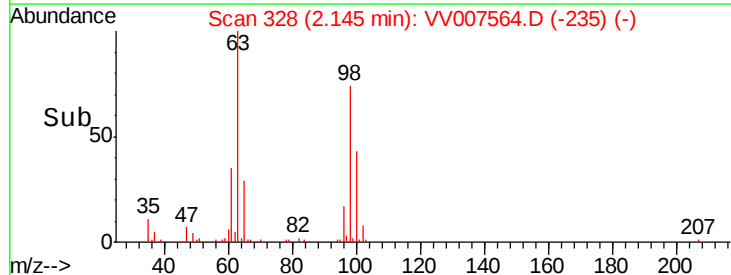
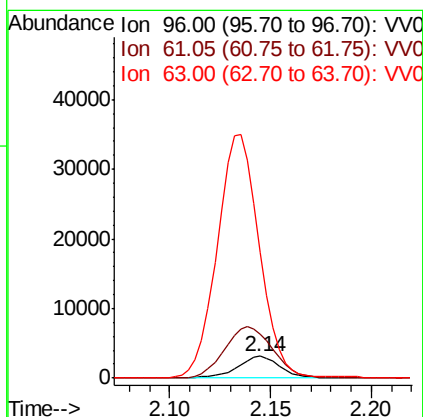
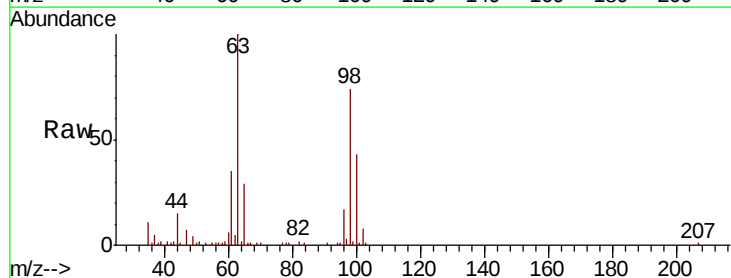
Instrument :
MSVOA_W
ClientSampled :
C0KL8DL

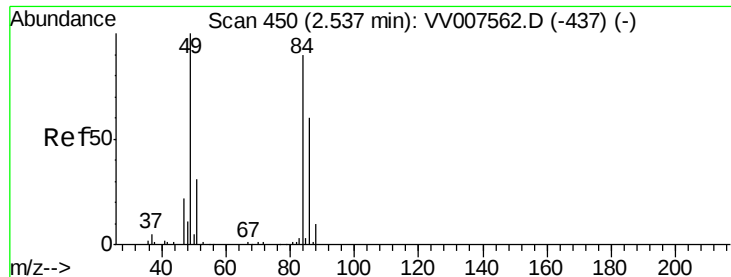
Tgt Ion: 64 Resp: 431
Ion Ratio Lower Upper
64 100
66 162.7 24.3 45.1#



#12
1,1-Dichloroethene
Concen: 0.639 ug/L
RT: 2.14 min Scan# 328
Delta R.T. 0.00 min
Lab File: VV007564.D
Acq: 15 Sep 2018 14:52

Tgt Ion: 96 Resp: 4619
Ion Ratio Lower Upper
96 100
61 202.6 114.8 213.2
63 573.9 81.8 151.8#

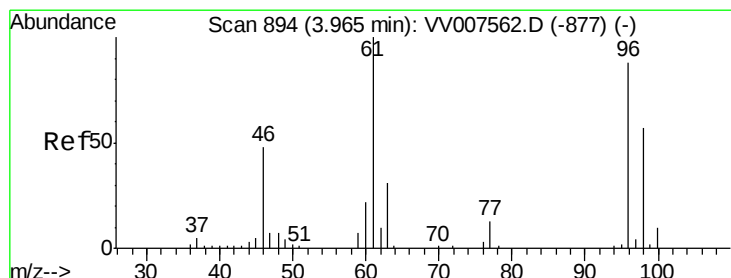
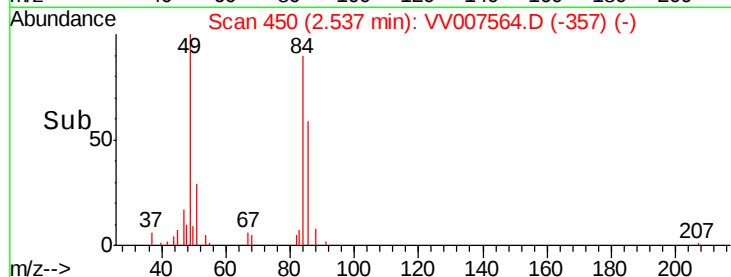
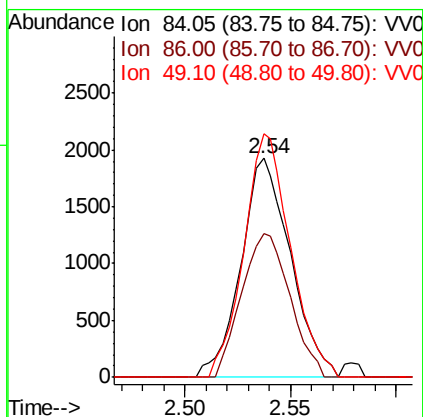
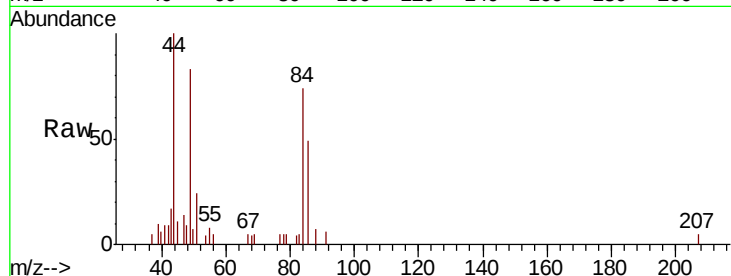




#16
Methylene chloride
Concen: 0.402 ug/L
RT: 2.54 min Scan# 450
Delta R.T. 0.00 min
Lab File: VV007564.D
Acq: 15 Sep 2018 14:52

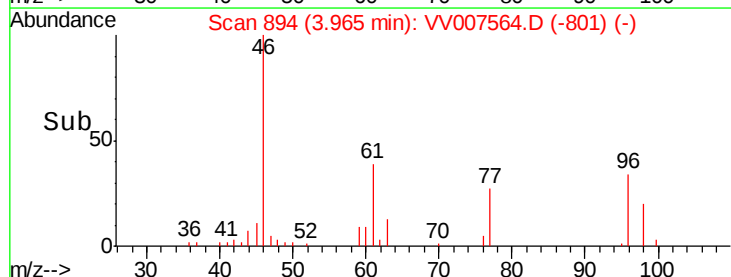
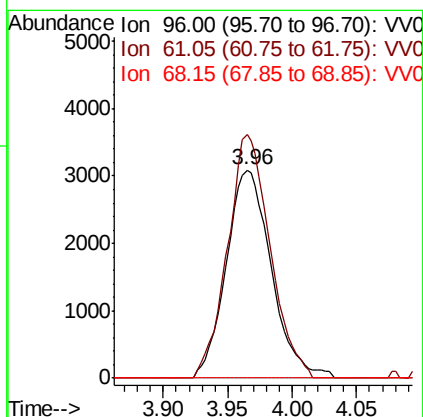
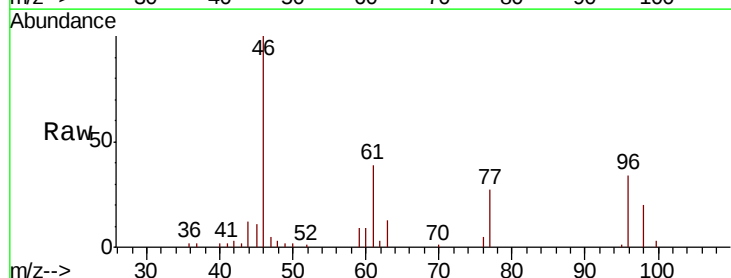
Instrument :
MSVOA_W
ClientSampled :
C0KL8DL

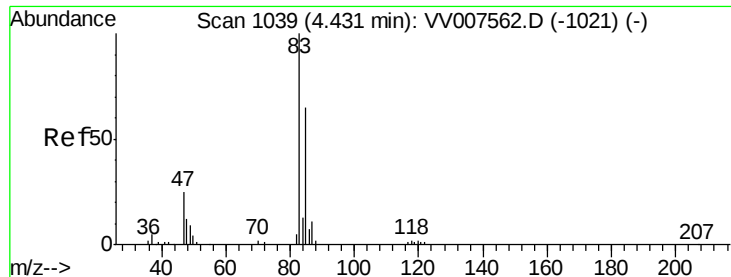
Tgt Ion: 84 Resp: 3143
Ion Ratio Lower Upper
84 100
86 65.6 43.7 81.1
49 121.1 76.8 142.6



#22
cis-1,2-Dichloroethene
Concen: 0.967 ug/L
RT: 3.96 min Scan# 894
Delta R.T. 0.00 min
Lab File: VV007564.D
Acq: 15 Sep 2018 14:52

Tgt Ion: 96 Resp: 7504
Ion Ratio Lower Upper
96 100
61 117.0 85.3 158.5
68 0.0 0.0 0.0

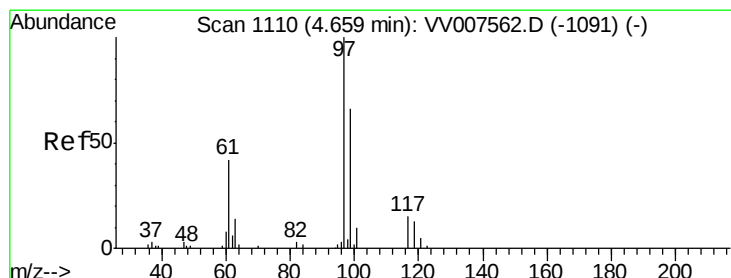
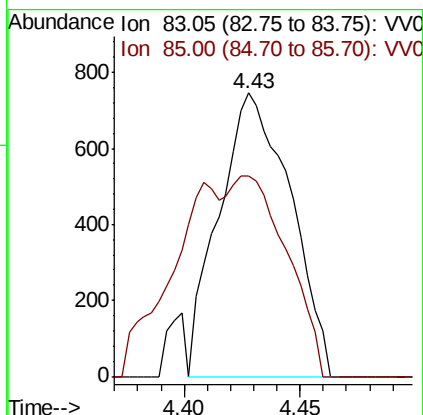
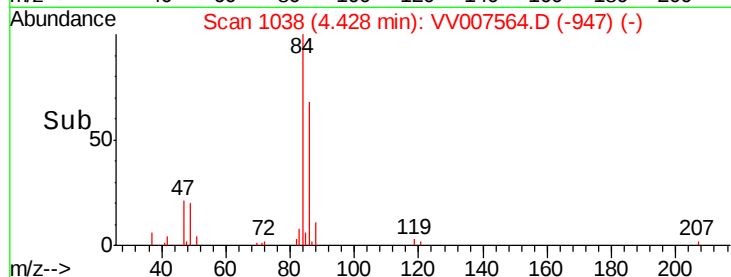
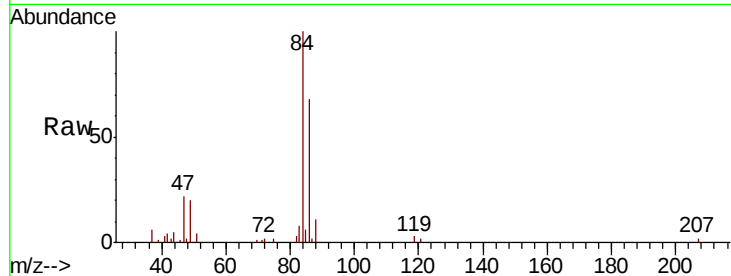




#25
Chloroform
Concen: 0.122 ug/L
RT: 4.43 min Scan# 1038
Delta R.T. -0.01 min
Lab File: VV007564.D
Acq: 15 Sep 2018 14:52

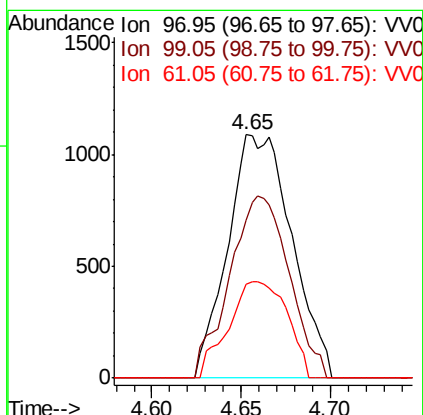
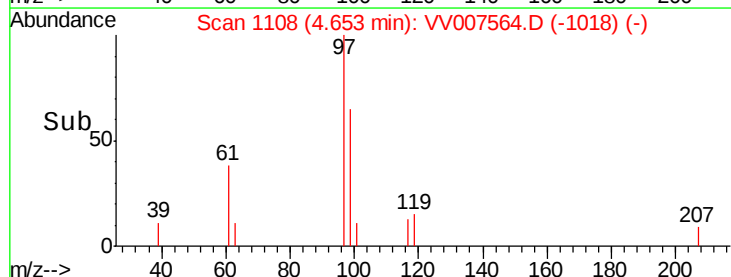
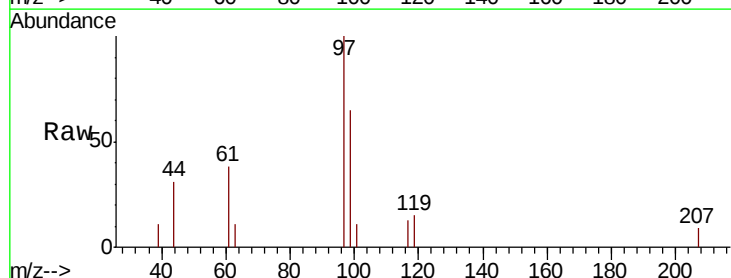
Instrument :
MSVOA_W
ClientSampled :
C0KL8DL

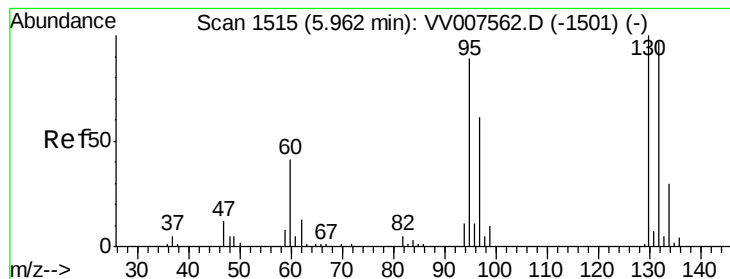
Tgt Ion: 83 Resp: 1600
Ion Ratio Lower Upper
83 100
85 70.9 45.5 84.5



#29
1,1,1-Trichloroethane
Concen: 0.223 ug/L
RT: 4.65 min Scan# 1108
Delta R.T. -0.01 min
Lab File: VV007564.D
Acq: 15 Sep 2018 14:52

Tgt Ion: 97 Resp: 2726
Ion Ratio Lower Upper
97 100
99 69.5 50.7 76.1
61 36.2 32.5 48.7





#34

Trichloroethene

Concen: 7.417 ug/L

RT: 5.96 min Scan# 1515

Delta R.T. 0.00 min

Lab File: VV007564.D

Acq: 15 Sep 2018 14:52

Instrument :

MSVOA_W

ClientSampleId :

C0KL8DL

Tgt Ion: 95 Resp: 59018

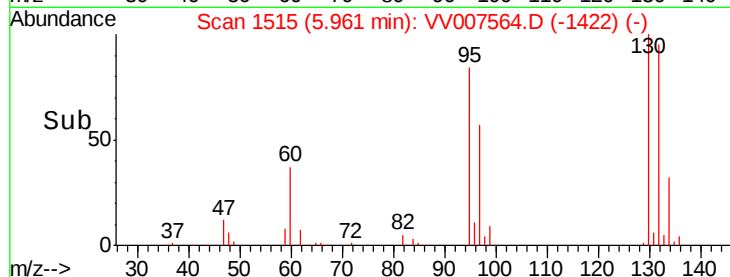
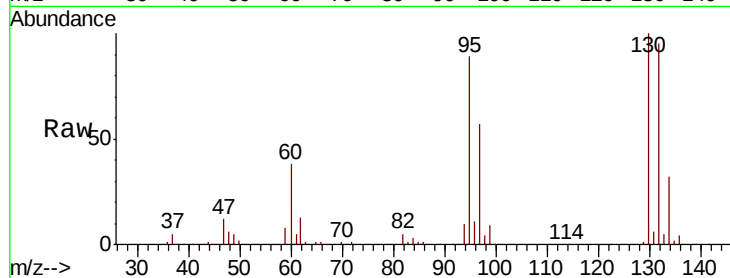
Ion Ratio Lower Upper

95 100

97 64.1 45.5 84.5

132 106.8 74.9 139.1

130 112.2 80.0 148.6

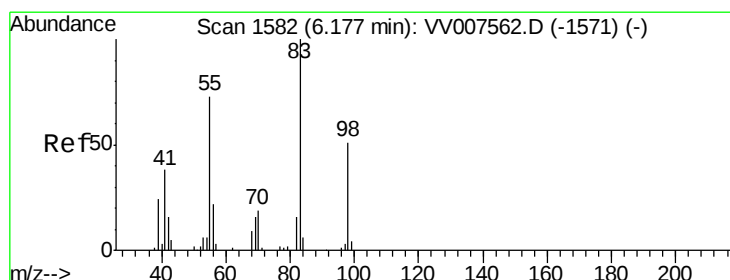
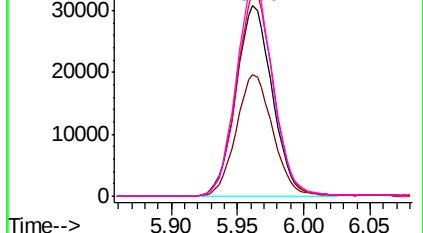


Abundance Ion 95.00 (94.70 to 95.70): VV007564.D (-1422) (-)

Ion 96.95 (96.65 to 97.65): VV007564.D (-1422) (-)

Ion 131.95 (131.65 to 132.65): VV007564.D (-1422) (-)

Ion 129.95 (129.65 to 130.65): VV007564.D (-1422) (-)



#35

Methylcyclohexane

Concen: 0.744 ug/L

RT: 6.12 min Scan# 1565

Delta R.T. -0.06 min

Lab File: VV007564.D

Acq: 15 Sep 2018 14:52

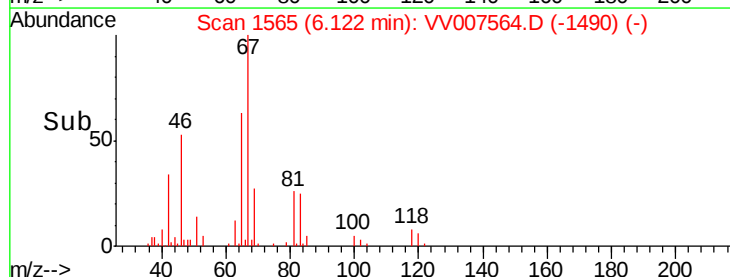
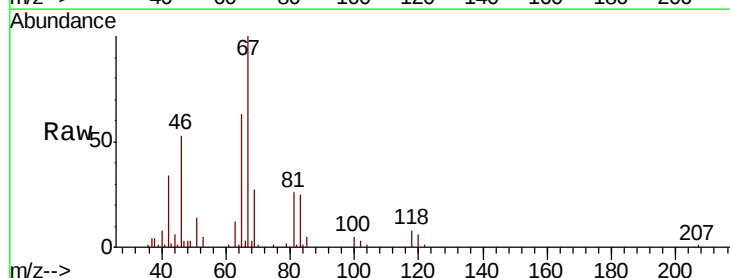
Tgt Ion: 83 Resp: 9144

Ion Ratio Lower Upper

83 100

55 0.2 55.0 82.4#

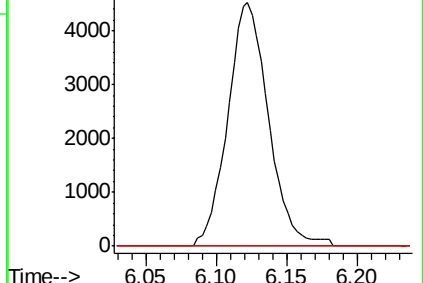
98 1.9 37.6 56.4#

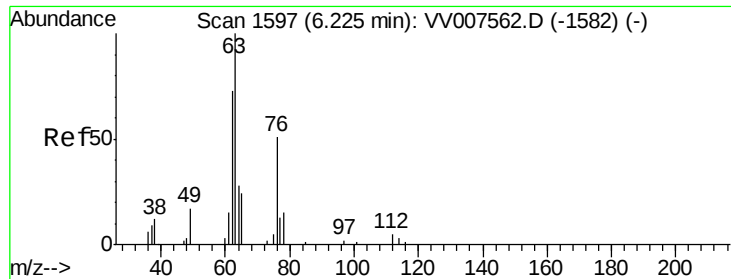


Abundance Ion 83.15 (82.85 to 83.85): VV007564.D (-1490) (-)

Ion 55.10 (54.80 to 55.80): VV007564.D (-1490) (-)

Ion 98.15 (97.85 to 98.85): VV007564.D (-1490) (-)





#37

1,2-Dichloropropane

Concen: 0.674 ug/L

RT: 6.12 min Scan# 1564

Delta R.T. -0.11 min

Lab File: VV007564.D

Acq: 15 Sep 2018 14:52

Instrument :

MSVOA_W

ClientSampleId :

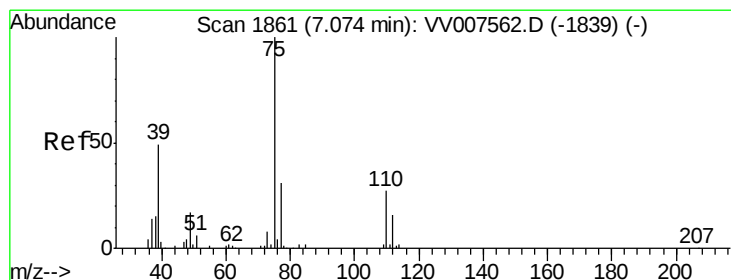
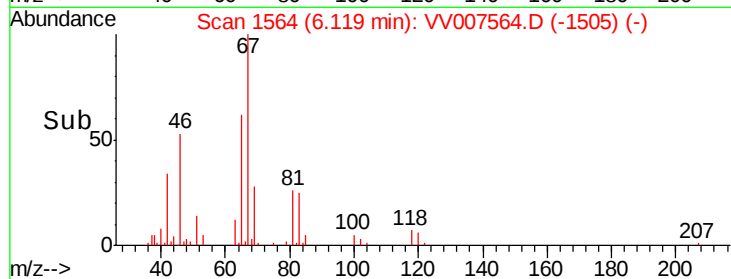
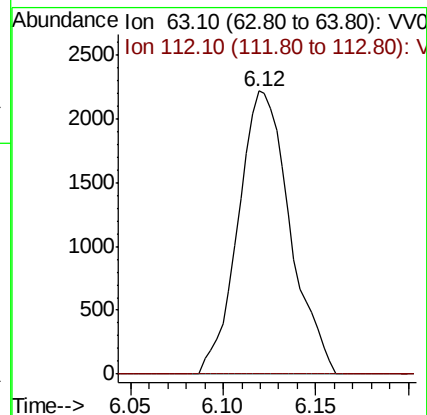
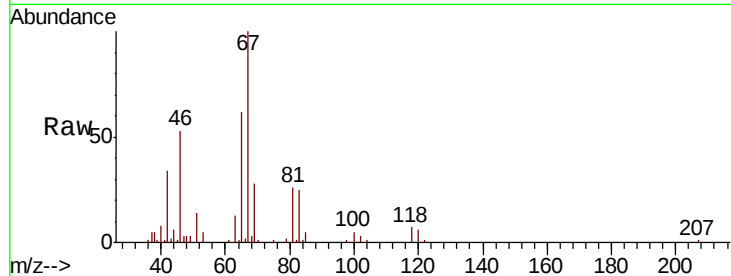
C0KL8DL

Tgt Ion: 63 Resp: 4311

Ion Ratio Lower Upper

63 100

112 0.0 4.1 6.1#



#39

cis-1,3-Dichloropropene

Concen: 0.117 ug/L

RT: 7.04 min Scan# 1849

Delta R.T. -0.04 min

Lab File: VV007564.D

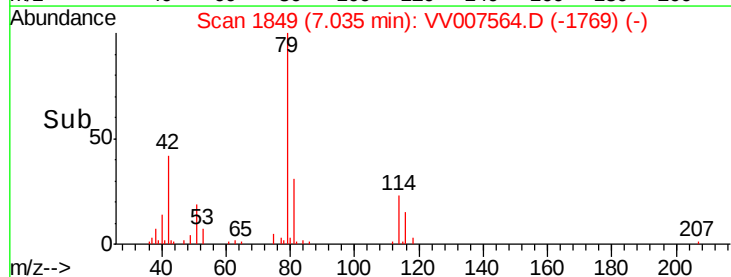
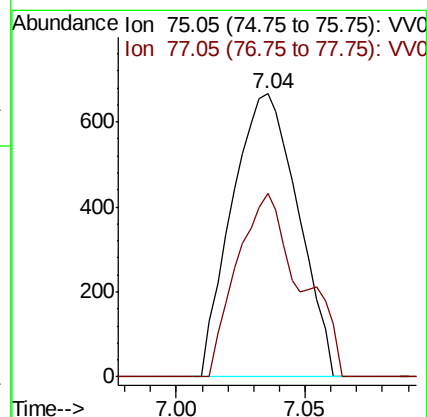
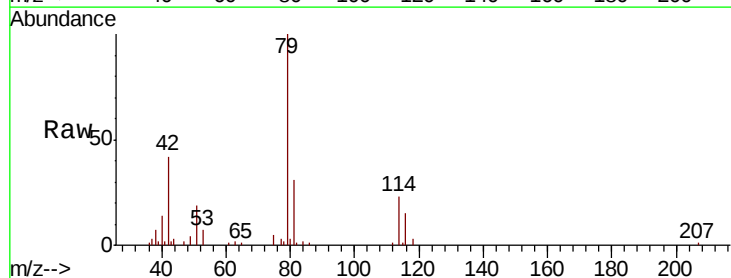
Acq: 15 Sep 2018 14:52

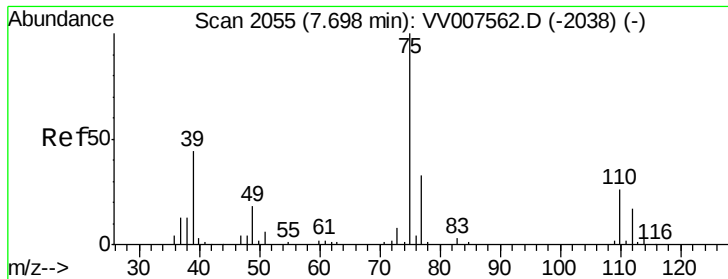
Tgt Ion: 75 Resp: 1186

Ion Ratio Lower Upper

75 100

77 64.7 22.0 41.0#

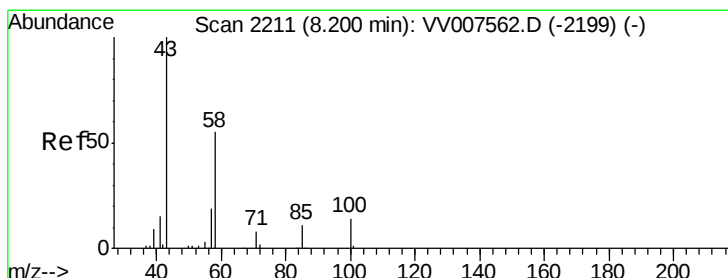
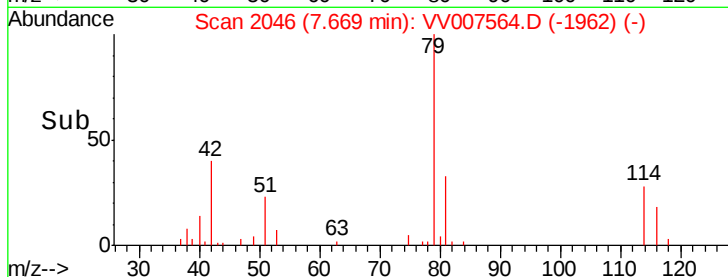
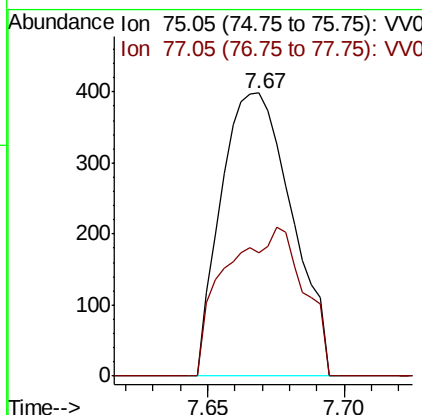
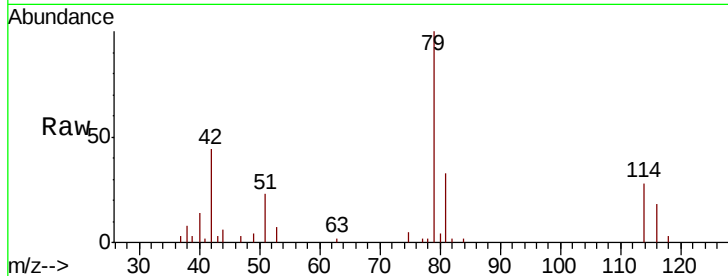




#44
trans-1,3-Dichloropropene
Concen: 0.086 ug/L
RT: 7.67 min Scan# 2046
Delta R.T. -0.03 min
Lab File: VV007564.D
Acq: 15 Sep 2018 14:52

Instrument :
MSVOA_W
ClientSampled :
C0KL8DL

Tgt Ion: 75 Resp: 717
Ion Ratio Lower Upper
75 100
77 43.7 23.4 43.4#



#48
2-Hexanone
Concen: 2.852 ug/L
RT: 8.20 min Scan# 2210
Delta R.T. -0.00 min
Lab File: VV007564.D
Acq: 15 Sep 2018 14:52

Tgt Ion: 43 Resp: 7642
Ion Ratio Lower Upper
43 100
58 0.0 49.8 74.6#
57 0.6 18.2 27.4#
100 6.5 11.0 16.4#

