

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV091218\
 Data File : VV007504.D
 Acq On : 13 Sep 2018 04:36
 Operator : SY/MD
 Sample : J4872-03
 Misc : 25.0 mL/MSVOA_V/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0KP1

Quant Time: Sep 13 07:20:17 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR091218WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Sep 13 07:19:10 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	116267	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	104316	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	54824	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	32401	5.21	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	104.20%
7) Chloroethane-d5	1.58	69	24971	4.79	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.80%
11) 1,1-Dichloroethene-d2	2.13	63	52103	4.16	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	83.20%
20) 2-Butanone-d5	3.96	46	61547	45.94	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	91.88%
24) Chloroform-d	4.41	84	61920	5.06	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.20%
26) 1,2-Dichloroethane-d4	5.09	65	32194	5.01	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.20%
32) Benzene-d6	5.10	84	121459	5.12	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.40%
36) 1,2-Dichloropropane-d6	6.13	67	36453	5.13	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.60%
41) Toluene-d8	7.36	98	125617	5.23	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.60%
43) trans-1,3-Dichloropropene-	7.67	79	15904	4.53	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.60%
46) 2-Hexanone-d5	8.14	63	40266	48.28	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.56%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	25473	4.68	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.60%
64) 1,2-Dichlorobenzene-d4	11.68	152	49627	5.28	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.60%

Target Compounds

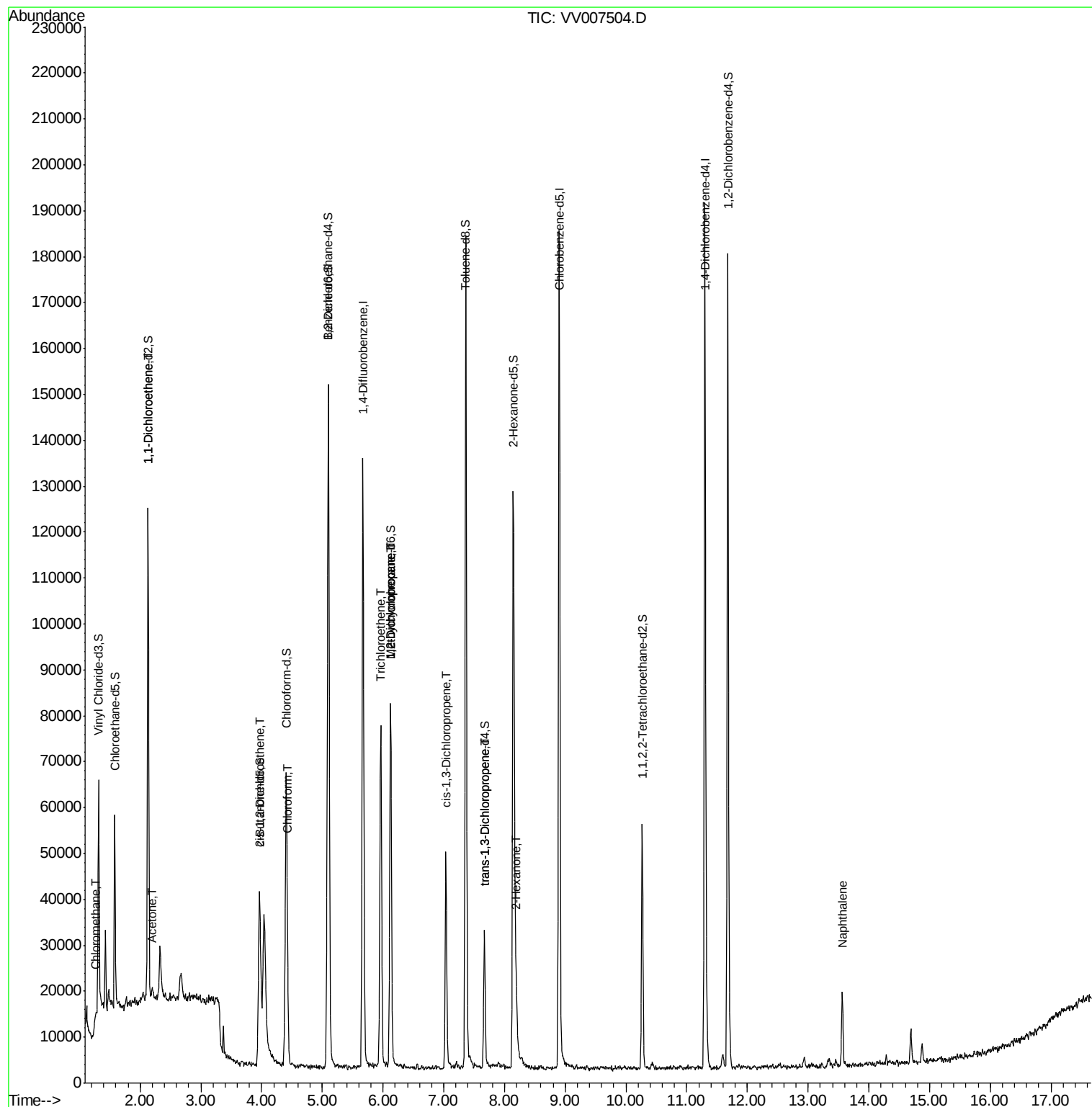
					Qvalue
3) Chloromethane	1.26	50	673	0.113 ug/L	90
12) 1,1-Dichloroethene	2.14	96	1788	0.298 ug/L #	1
13) Acetone	2.20	43	2690	3.439 ug/L	91
22) cis-1,2-Dichloroethene	3.96	96	640	0.102 ug/L #	76
25) Chloroform	4.43	83	2353	0.218 ug/L	83
34) Trichloroethene	5.96	95	23681	3.451 ug/L	91
35) Methylcyclohexane	6.13	83	9698	0.911 ug/L #	22
37) 1,2-Dichloropropane	6.13	63	4059	0.704 ug/L #	86
39) cis-1,3-Dichloropropene	7.04	75	1296	0.140 ug/L #	34
44) trans-1,3-Dichloropropene	7.67	75	848	0.109 ug/L #	68
48) 2-Hexanone	8.20	43	6692	2.801 ug/L #	89
69) Naphthalene	13.56	128	13648	1.079 ug/L	98

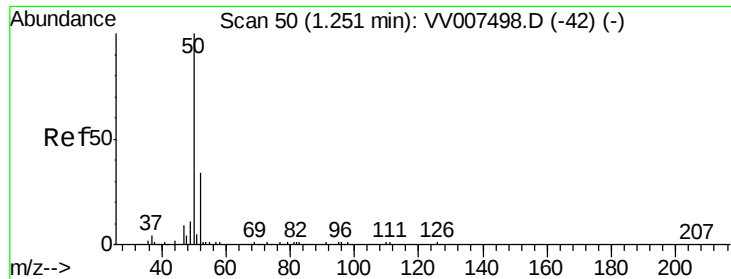
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Sep 13 07:19:10 2018
Response via : Initial Calibration





#3

Chloromethane

Concen: 0.113 ug/L

RT: 1.26 min Scan# 52

Delta R.T. 0.00 min

Lab File: VV007504.D

Acq: 13 Sep 2018 04:36

Instrument :

MSVOA_V

ClientSampleId :

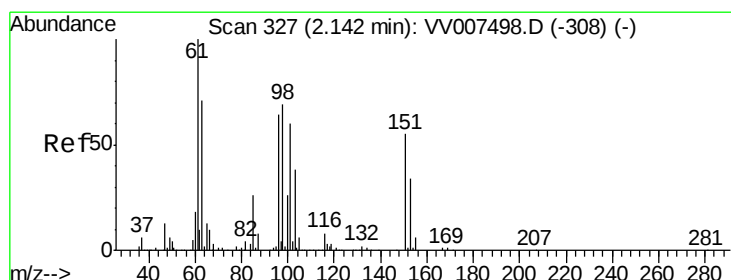
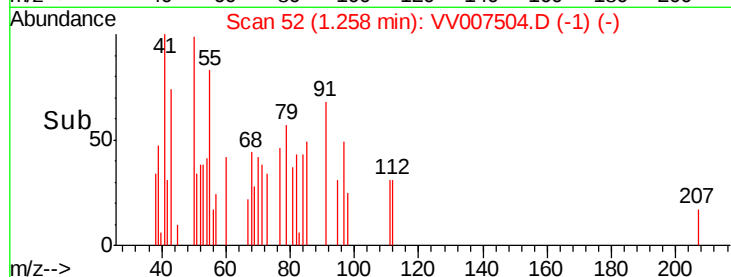
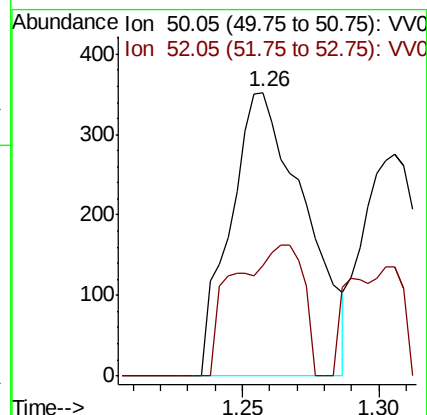
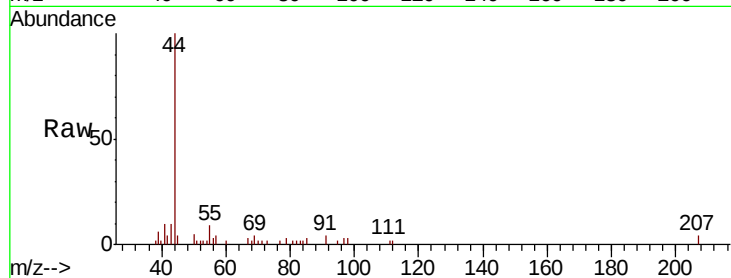
C0KP1

Tgt Ion: 50 Resp: 673

Ion Ratio Lower Upper

50 100

52 38.9 23.1 42.9



#12

1,1-Dichloroethene

Concen: 0.298 ug/L

RT: 2.14 min Scan# 326

Delta R.T. -0.00 min

Lab File: VV007504.D

Acq: 13 Sep 2018 04:36

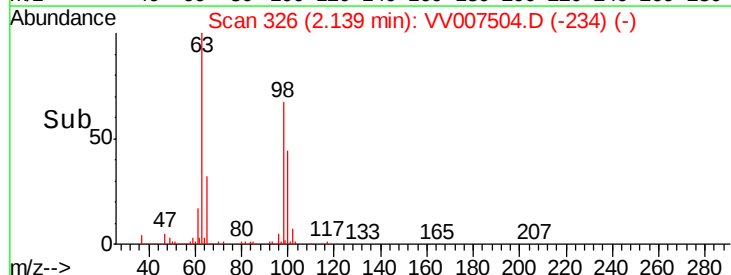
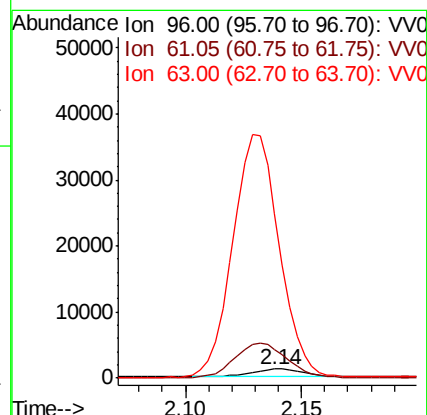
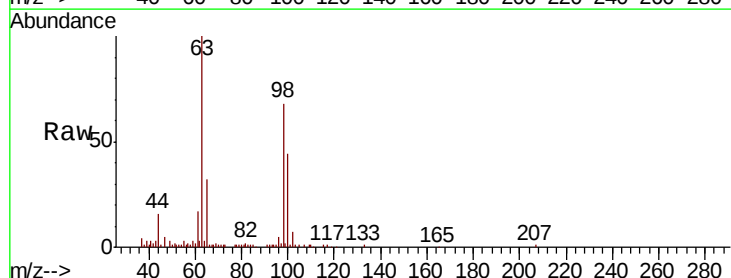
Tgt Ion: 96 Resp: 1788

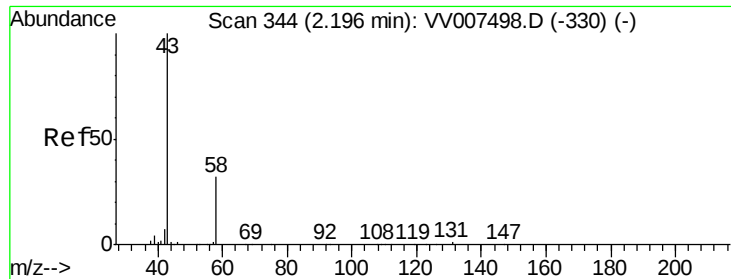
Ion Ratio Lower Upper

96 100

61 316.7 108.0 200.6#

63 1826.8 85.7 159.1#





#13

Acetone

Concen: 3.439 ug/L

RT: 2.20 min Scan# 346

Delta R.T. -0.01 min

Lab File: VV007504.D

Acq: 13 Sep 2018 04:36

Instrument :

MSVOA_V

ClientSampleId :

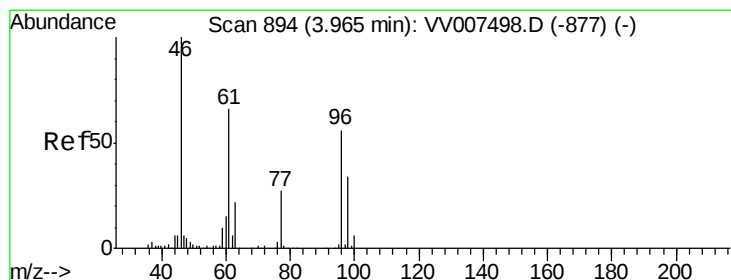
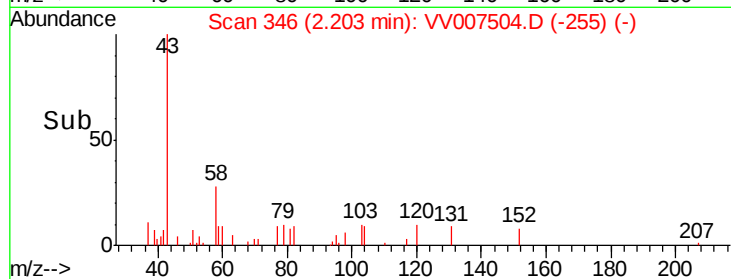
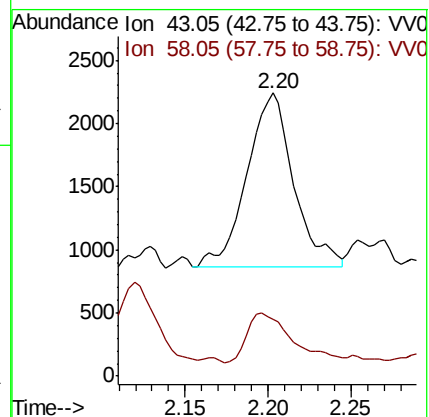
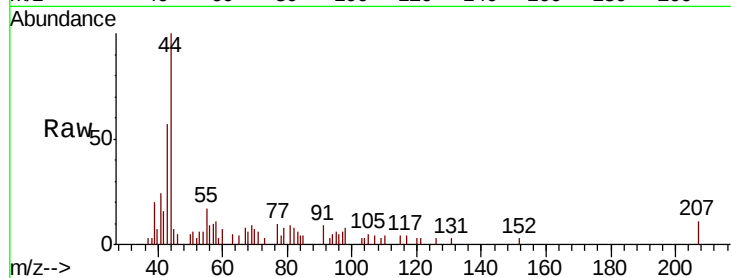
C0KP1

Tgt Ion: 43 Resp: 2690

Ion Ratio Lower Upper

43 100

58 27.7 0.0 65.4



#22

cis-1,2-Dichloroethene

Concen: 0.102 ug/L

RT: 3.96 min Scan# 892

Delta R.T. -0.00 min

Lab File: VV007504.D

Acq: 13 Sep 2018 04:36

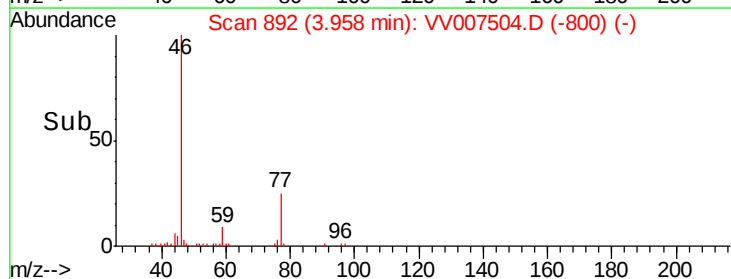
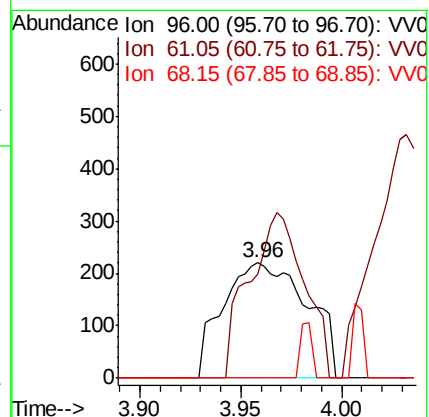
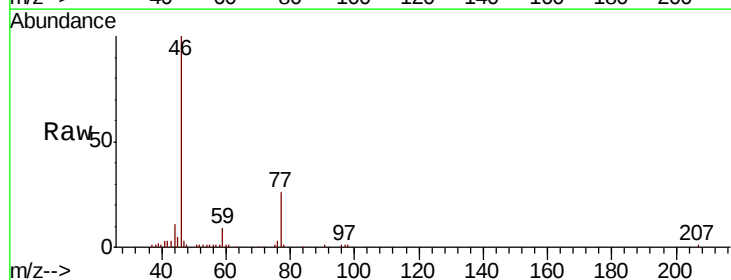
Tgt Ion: 96 Resp: 640

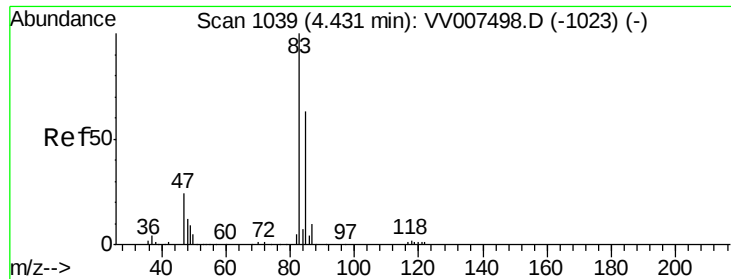
Ion Ratio Lower Upper

96 100

61 90.9 82.6 153.4

68 0.0 1.2 2.2#





#25

Chloroform

Concen: 0.218 ug/L

RT: 4.43 min Scan# 1039

Delta R.T. -0.00 min

Lab File: VV007504.D

Acq: 13 Sep 2018 04:36

Instrument :

MSVOA_V

ClientSampleId :

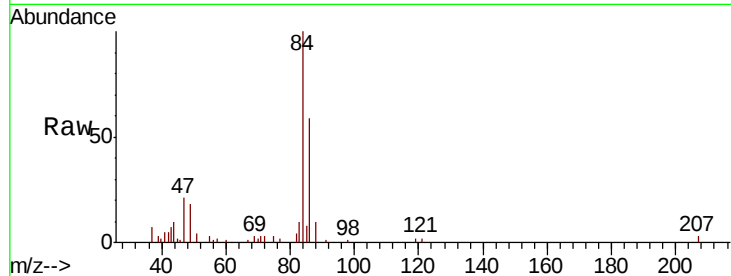
C0KP1

Tgt Ion: 83 Resp: 2353

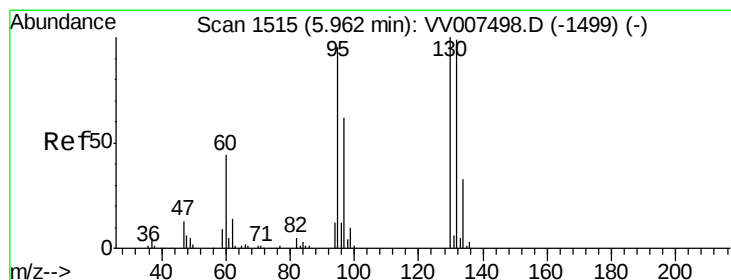
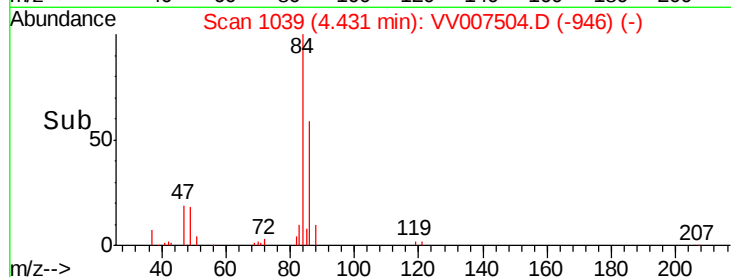
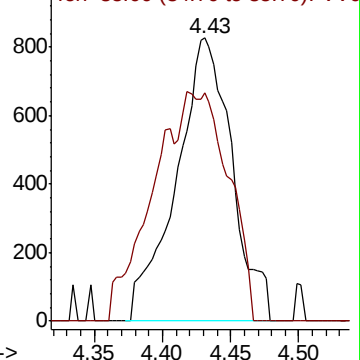
Ion Ratio Lower Upper

83 100

85 80.4 46.6 86.6



Abundance Ion 83.05 (82.75 to 83.75): VV007504.D (-946) (-)



#34

Trichloroethene

Concen: 3.451 ug/L

RT: 5.96 min Scan# 1516

Delta R.T. 0.00 min

Lab File: VV007504.D

Acq: 13 Sep 2018 04:36

Tgt Ion: 95 Resp: 23681

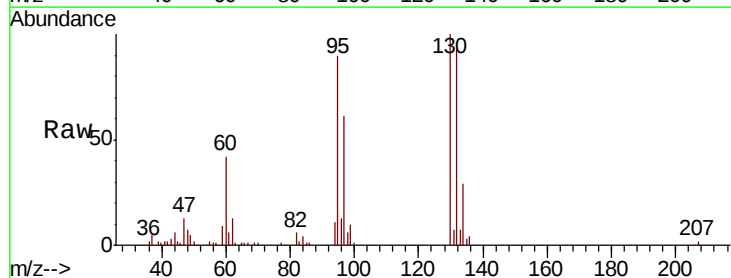
Ion Ratio Lower Upper

95 100

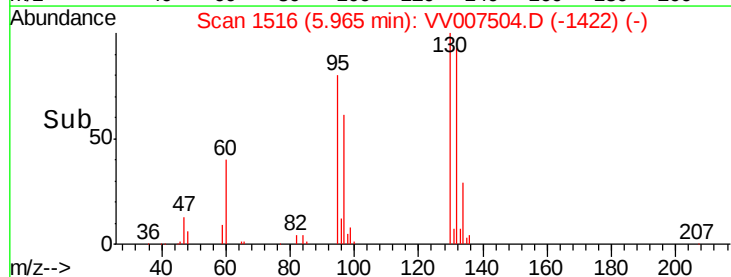
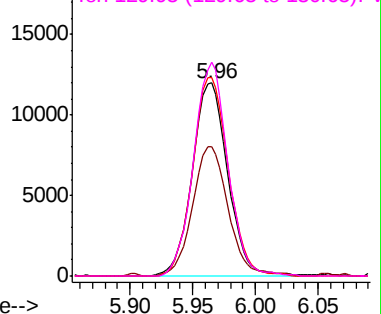
97 67.1 42.8 79.4

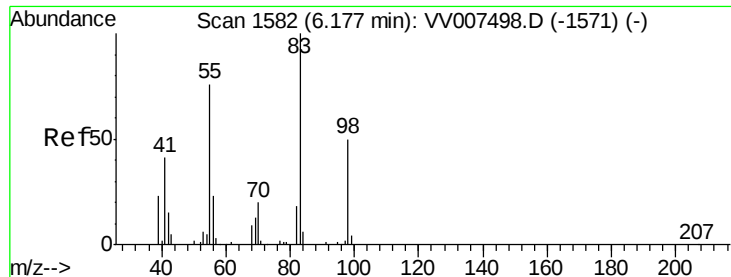
132 102.8 67.6 125.6

130 110.8 69.6 129.2



Abundance Ion 95.00 (94.70 to 95.70): VV007504.D (-1422) (-)

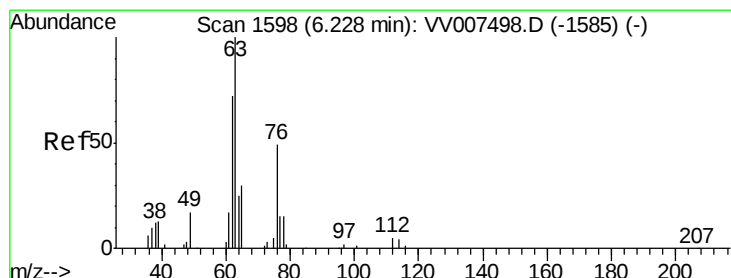
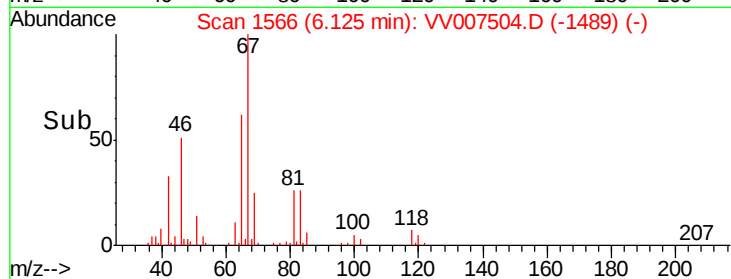
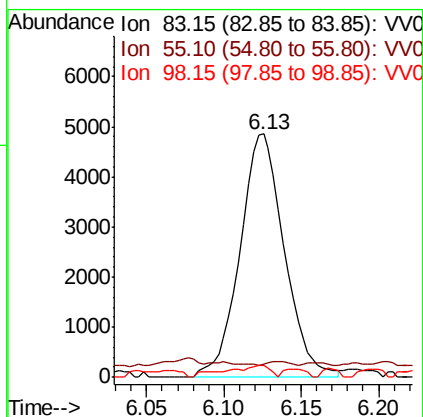
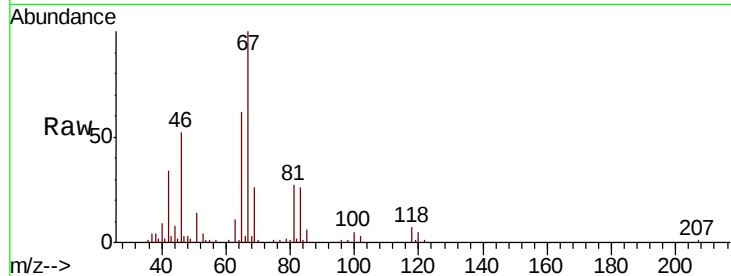




#35
Methylcyclohexane
Concen: 0.911 ug/L
RT: 6.13 min Scan# 1566
Delta R.T. -0.05 min
Lab File: VV007504.D
Acq: 13 Sep 2018 04:36

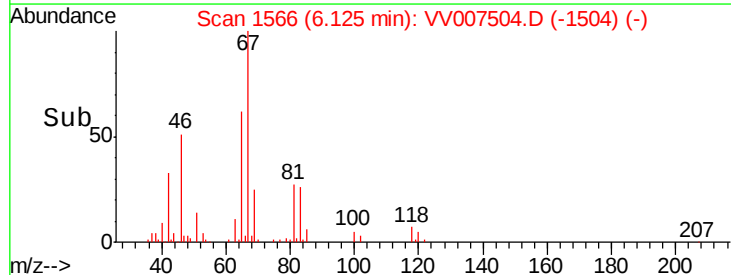
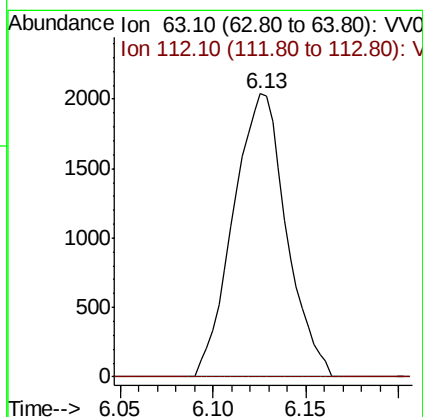
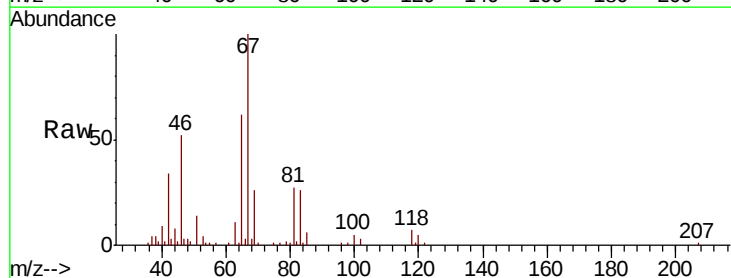
Instrument :
MSVOA_V
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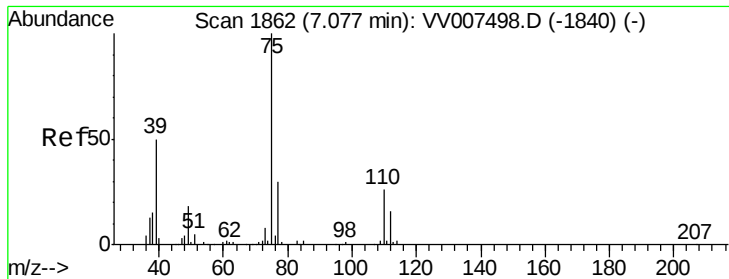
Tgt Ion: 83 Resp: 9698
Ion Ratio Lower Upper
83 100
55 0.0 57.4 86.0#
98 3.4 38.8 58.2#



#37
1,2-Dichloropropane
Concen: 0.704 ug/L
RT: 6.13 min Scan# 1566
Delta R.T. -0.10 min
Lab File: VV007504.D
Acq: 13 Sep 2018 04:36

Tgt Ion: 63 Resp: 4059
Ion Ratio Lower Upper
63 100
112 0.0 3.7 5.5#

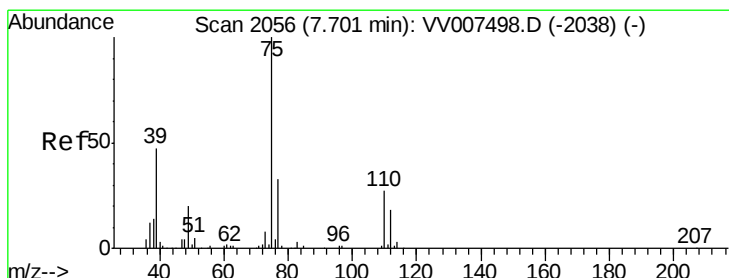
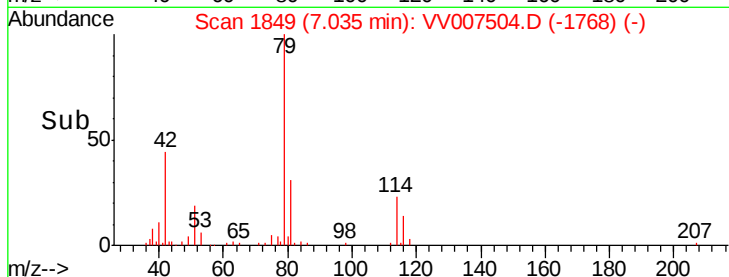
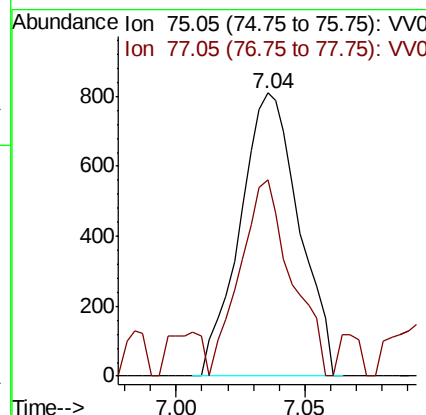
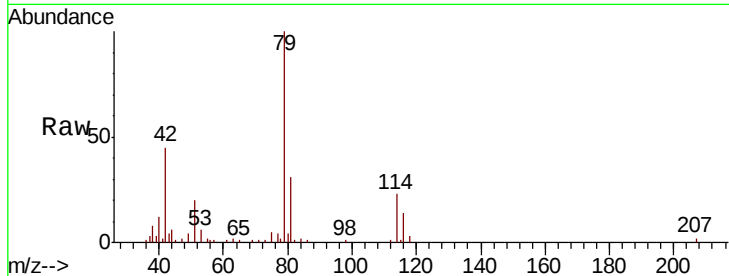




#39
 cis-1,3-Dichloropropene
 Concen: 0.140 ug/L
 RT: 7.04 min Scan# 1849
 Delta R.T. -0.04 min
 Lab File: VV007504.D
 Acq: 13 Sep 2018 04:36

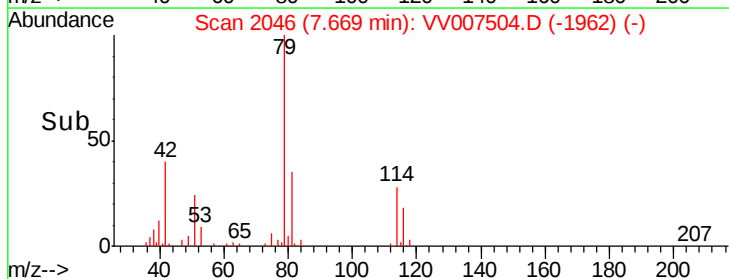
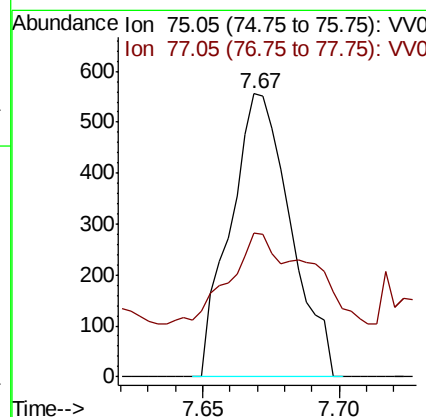
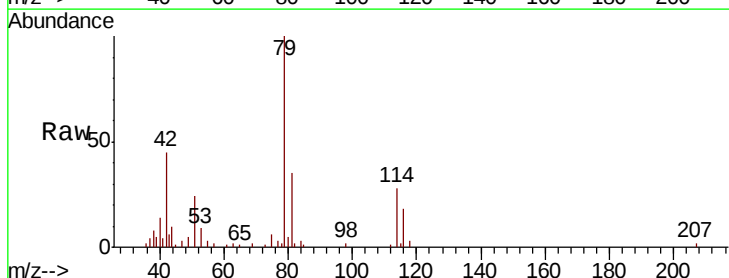
Instrument :
 MSVOA_V
 ClientSampled :
 C0KP1

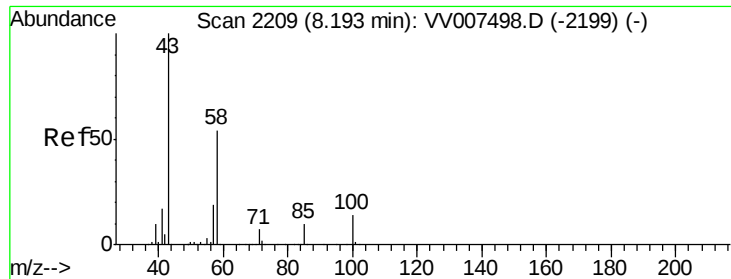
Tgt Ion: 75 Resp: 1296
 Ion Ratio Lower Upper
 75 100
 77 69.5 22.7 42.1#



#44
 trans-1,3-Dichloropropene
 Concen: 0.109 ug/L
 RT: 7.67 min Scan# 2046
 Delta R.T. -0.03 min
 Lab File: VV007504.D
 Acq: 13 Sep 2018 04:36

Tgt Ion: 75 Resp: 848
 Ion Ratio Lower Upper
 75 100
 77 50.9 23.0 42.8#

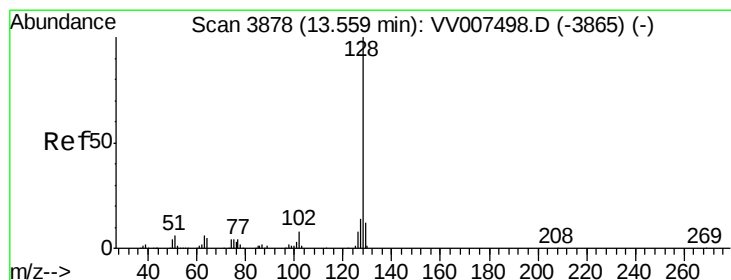
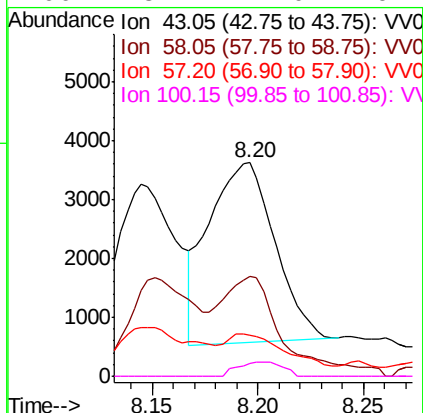
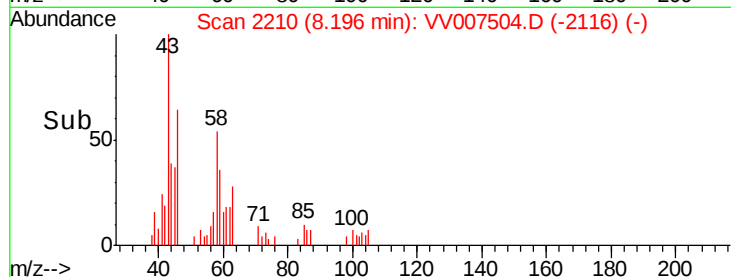
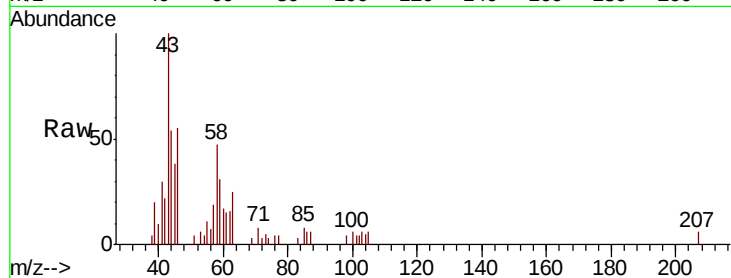




#48
2-Hexanone
Concen: 2.801 ug/L
RT: 8.20 min Scan# 2210
Delta R.T. 0.00 min
Lab File: VV007504.D
Acq: 13 Sep 2018 04:36

Instrument :
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Tgt Ion: 43 Resp: 6692
Ion Ratio Lower Upper
43 100
58 51.2 47.9 71.9
57 19.7 16.2 24.2
100 5.4 11.0 16.4#



#69
Naphthalene
Concen: 1.079 ug/L
RT: 13.56 min Scan# 3879
Delta R.T. 0.00 min
Lab File: VV007504.D
Acq: 13 Sep 2018 04:36

Tgt Ion: 128 Resp: 13648
Ion Ratio Lower Upper
128 100
129 9.9 8.7 13.1
127 12.7 10.8 16.2

