

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV091418\
 Data File : VV007553.D
 Acq On : 15 Sep 2018 04:59
 Operator : SY/MD
 Sample : J4872-15
 Misc : 25.0 mL/MSVOA_V/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0KR9

Quant Time: Sep 15 06:33:22 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR091318WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Sep 15 02:08:52 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	103651	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	86256	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	36142	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	22505	4.16	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.20%
7) Chloroethane-d5	1.58	69	22920	5.05	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.00%
11) 1,1-Dichloroethene-d2	2.13	63	38678	3.43	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.60%
20) 2-Butanone-d5	3.98	46	45283	59.96	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	119.92%
24) Chloroform-d	4.41	84	51121	4.60	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.00%
26) 1,2-Dichloroethane-d4	5.09	65	25844	4.75	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.00%
32) Benzene-d6	5.10	84	96948	4.95	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.00%
36) 1,2-Dichloropropane-d6	6.12	67	29796	5.11	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.20%
41) Toluene-d8	7.36	98	89710	4.40	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.00%
43) trans-1,3-Dichloropropene-	7.67	79	10335	3.83	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	76.60%
46) 2-Hexanone-d5	8.15	63	30002	69.63	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	139.26%#
57) 1,1,2,2-Tetrachloroethane-	10.27	84	19329	4.74	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.80%
64) 1,2-Dichlorobenzene-d4	11.68	152	32677	4.94	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.80%

Target Compounds

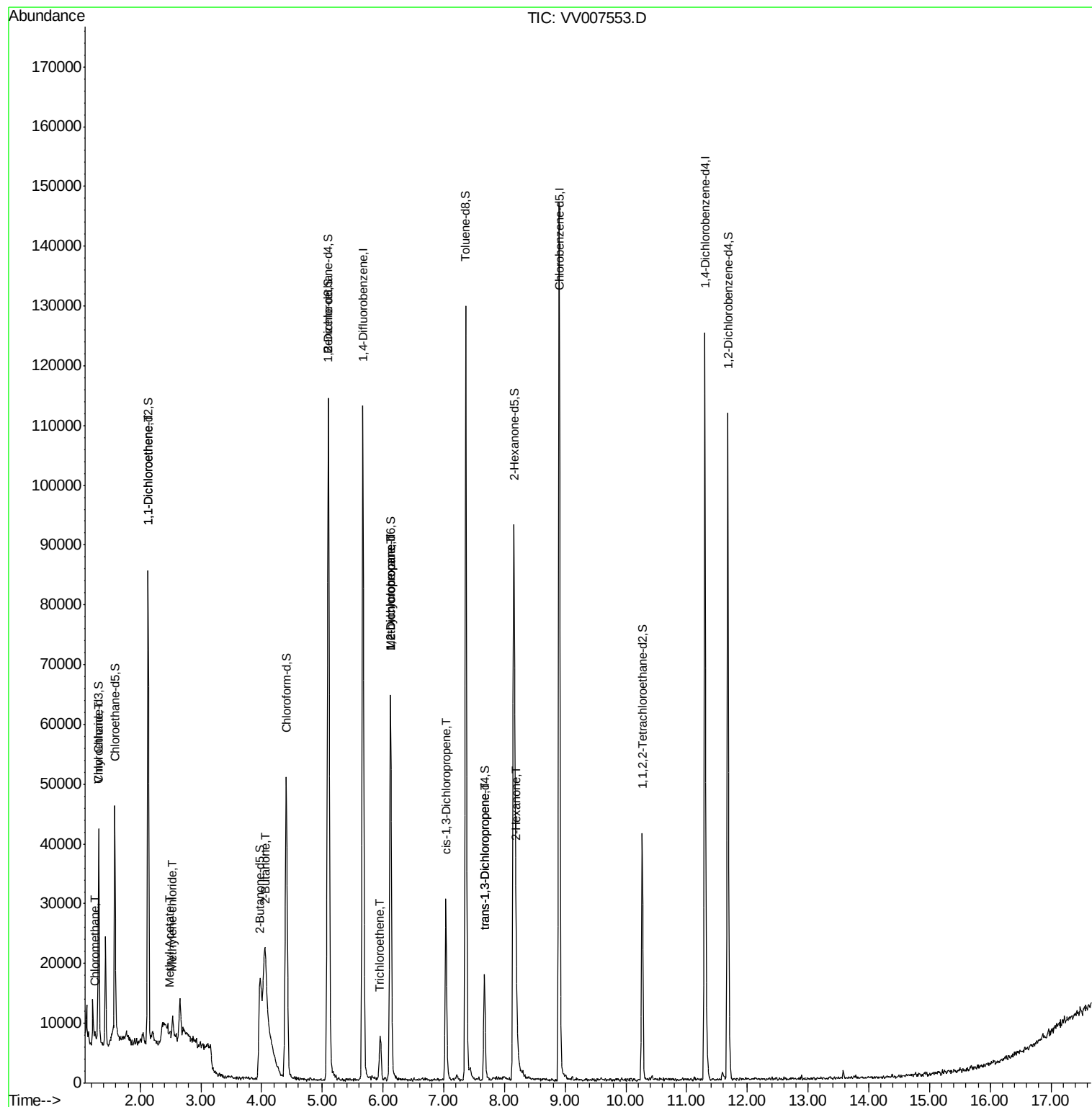
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.25	50	710	0.146	ug/L	93
8) Chloroethane	1.32	64	301	0.091	ug/L #	1
12) 1,1-Dichloroethene	2.13	96	612	0.116	ug/L #	1
15) Methyl Acetate	2.48	43	168	0.124	ug/L #	43
16) Methylene chloride	2.54	84	1246	0.219	ug/L	79
21) 2-Butanone	4.07	43	1009	1.219	ug/L #	46
34) Trichloroethene	5.96	95	1174	0.215	ug/L	88
35) Methylcyclohexane	6.12	83	7576	0.898	ug/L #	22
37) 1,2-Dichloropropane	6.13	63	3407	0.776	ug/L #	85
39) cis-1,3-Dichloropropene	7.04	75	718	0.103	ug/L #	40
44) trans-1,3-Dichloropropene	7.67	75	560	0.098	ug/L	90
48) 2-Hexanone	8.20	43	6144	3.340	ug/L #	39

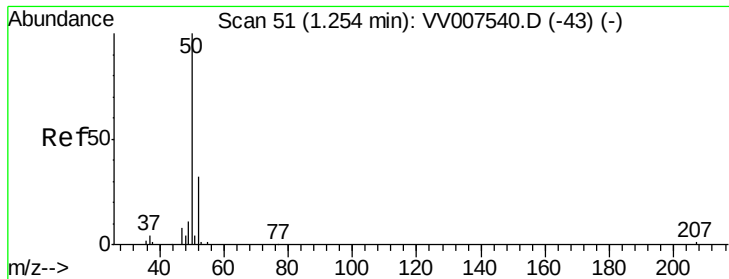
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_V\DATA\VV091418\
Data File : VV007553.D
Acq On : 15 Sep 2018 04:59
Operator : SY/MD
Sample : J4872-15
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0KR9

Quant Time: Sep 15 06:33:22 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR091318WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Sep 15 02:08:52 2018
Response via : Initial Calibration





#3

Chloromethane

Concen: 0.146 ug/L

RT: 1.25 min Scan# 51

Delta R.T. 0.00 min

Lab File: VV007553.D

Acq: 15 Sep 2018 04:59

Instrument :

MSVOA_V

ClientSampleId :

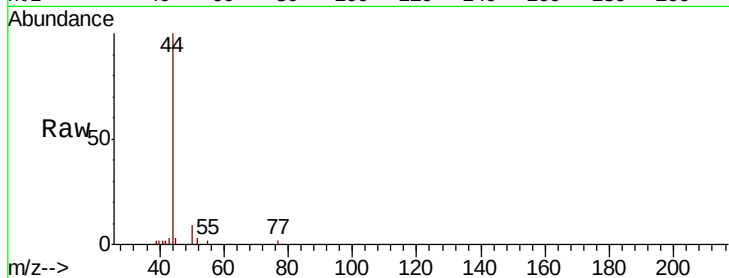
C0KR9

Tgt Ion: 50 Resp: 710

Ion Ratio Lower Upper

50 100

52 30.8 24.3 45.1



Abundance Ion 50.05 (49.75 to 50.75): VV007540.D (-43) (-)

Ion 52.05 (51.75 to 52.75): VV007540.D (-43) (-)

1.25

600

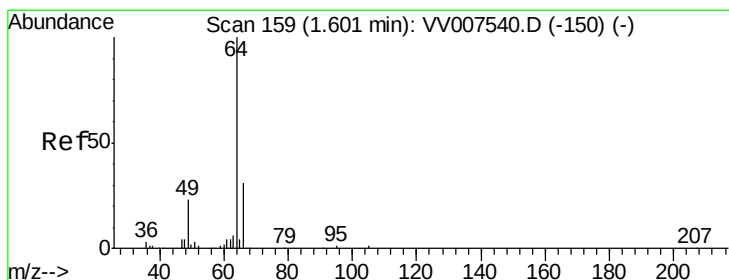
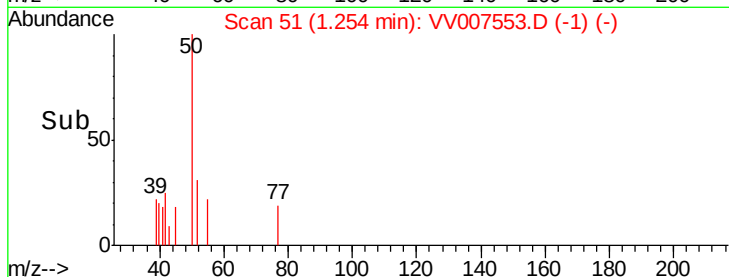
400

200

0

1.22 1.24 1.26 1.28

Time-->



#8

Chloroethane

Concen: 0.091 ug/L

RT: 1.32 min Scan# 72

Delta R.T. -0.28 min

Lab File: VV007553.D

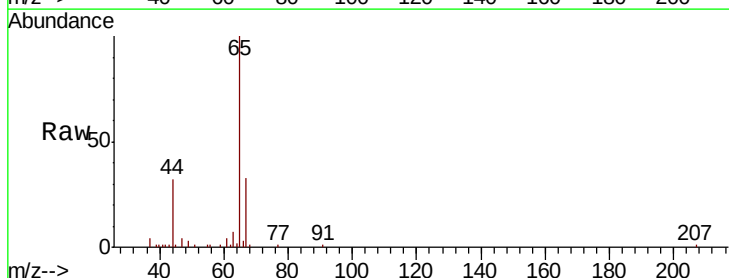
Acq: 15 Sep 2018 04:59

Tgt Ion: 64 Resp: 301

Ion Ratio Lower Upper

64 100

66 167.3 24.3 45.1#



Abundance Ion 64.10 (63.80 to 64.80): VV007540.D (-150) (-)

Ion 66.05 (65.75 to 66.75): VV007540.D (-150) (-)

1.32

600

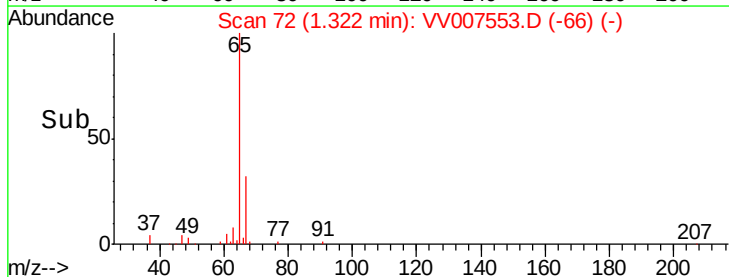
400

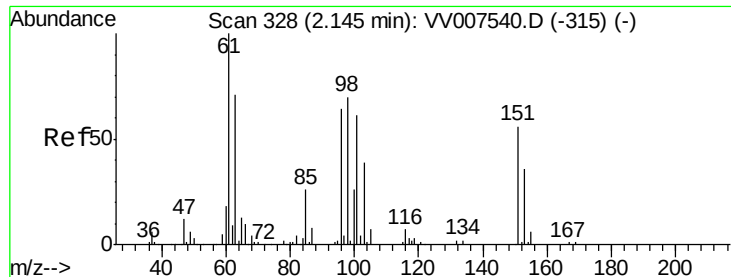
200

0

1.30 1.31 1.32 1.33 1.34

Time-->





#12

1,1-Dichloroethene

Concen: 0.116 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.02 min

Lab File: VV007553.D

Acq: 15 Sep 2018 04:59

Instrument :

MSVOA_V

ClientSampleId :

C0KR9

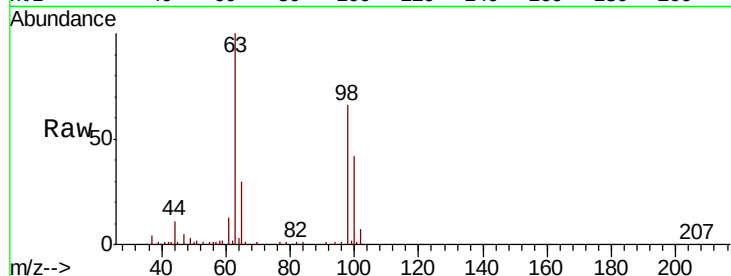
Tgt Ion: 96 Resp: 612

Ion Ratio Lower Upper

96 100

61 1050.3 114.8 213.2#

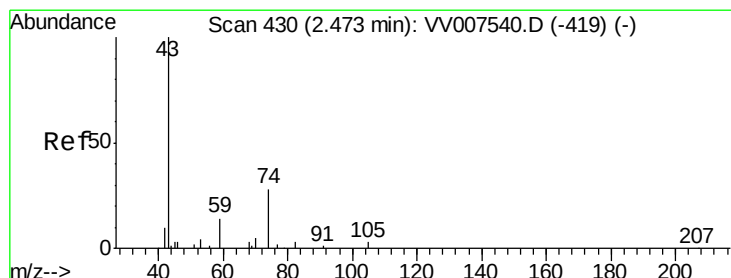
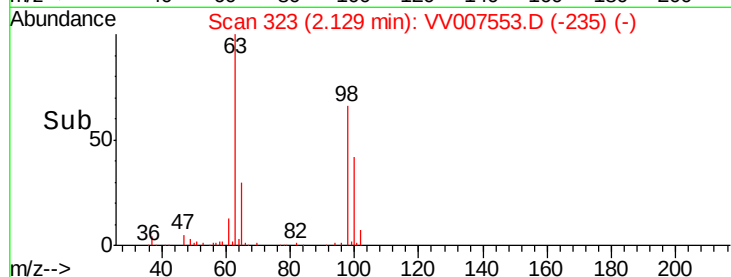
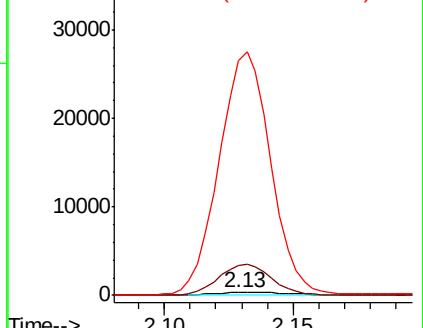
63 8122.7 81.8 151.8#



Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 63.00 (62.70 to 63.70): VV0



#15

Methyl Acetate

Concen: 0.124 ug/L

RT: 2.48 min Scan# 433

Delta R.T. 0.01 min

Lab File: VV007553.D

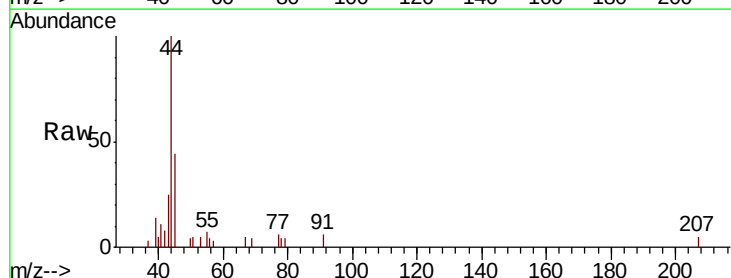
Acq: 15 Sep 2018 04:59

Tgt Ion: 43 Resp: 168

Ion Ratio Lower Upper

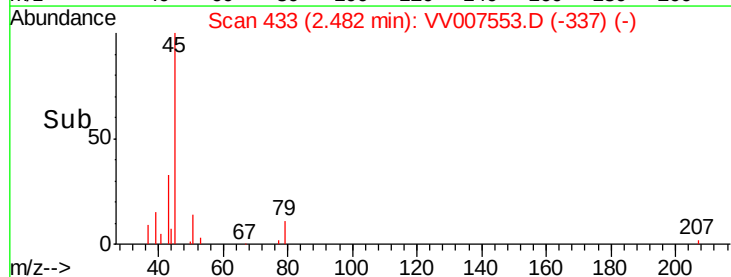
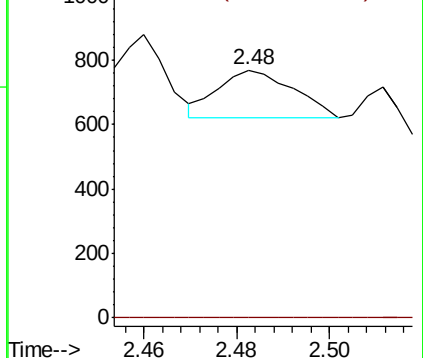
43 100

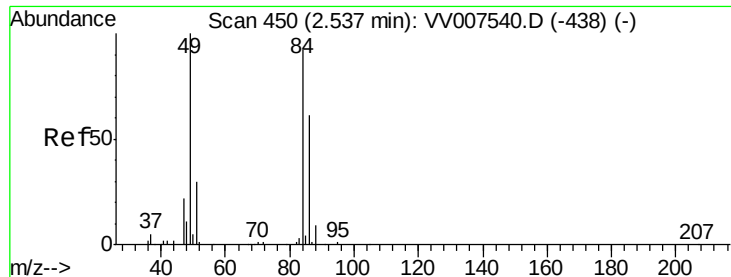
74 0.0 25.4 38.2#



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 74.05 (73.75 to 74.75): VV0

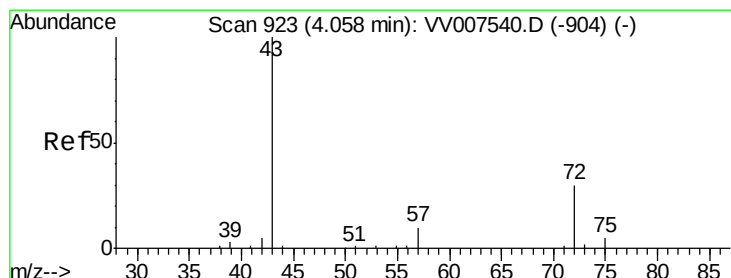
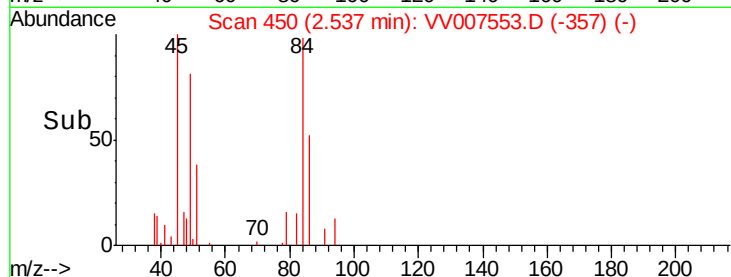
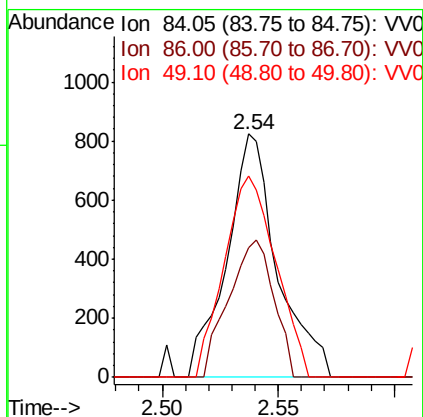
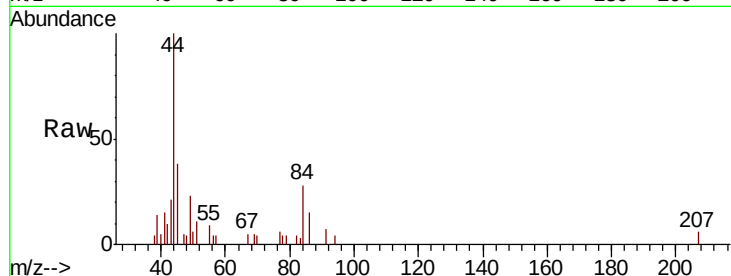




#16
Methylene chloride
Concen: 0.219 ug/L
RT: 2.54 min Scan# 450
Delta R.T. 0.00 min
Lab File: VV007553.D
Acq: 15 Sep 2018 04:59

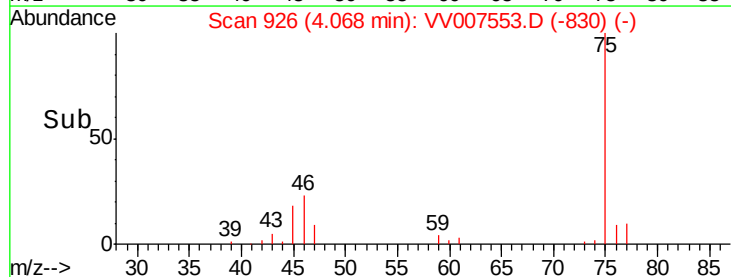
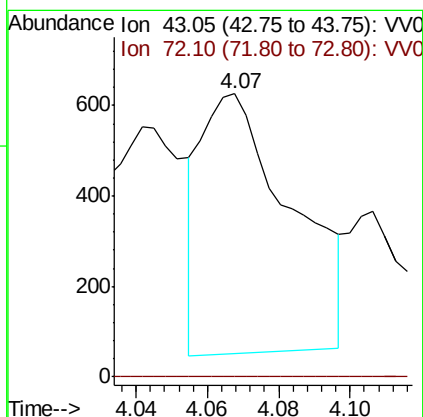
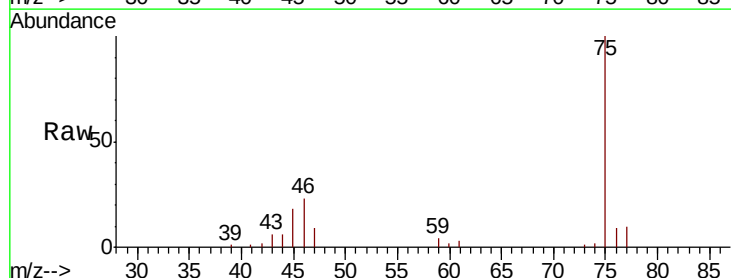
Instrument :
MSVOA_V
ClientSampled :
C0KR9

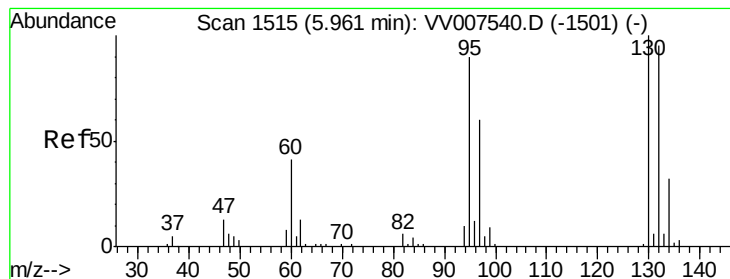
Tgt Ion: 84 Resp: 1246
Ion Ratio Lower Upper
84 100
86 53.5 43.7 81.1
49 82.6 76.8 142.6



#21
2-Butanone
Concen: 1.219 ug/L
RT: 4.07 min Scan# 926
Delta R.T. 0.01 min
Lab File: VV007553.D
Acq: 15 Sep 2018 04:59

Tgt Ion: 43 Resp: 1009
Ion Ratio Lower Upper
43 100
72 0.0 14.2 42.6#





#34

Trichloroethene

Concen: 0.215 ug/L

RT: 5.96 min Scan# 1515

Delta R.T. 0.00 min

Lab File: VV007553.D

Acq: 15 Sep 2018 04:59

Instrument :

MSVOA_V

ClientSampleId :

C0KR9

Tgt Ion: 95 Resp: 1174

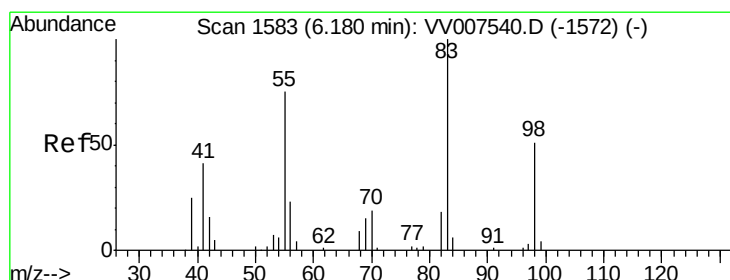
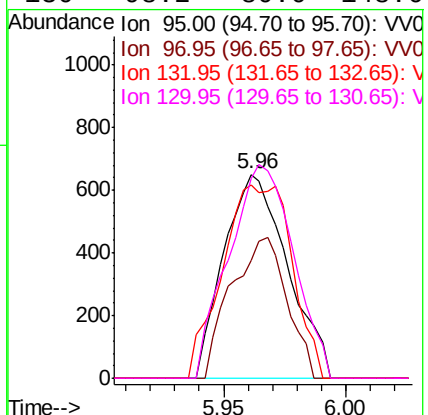
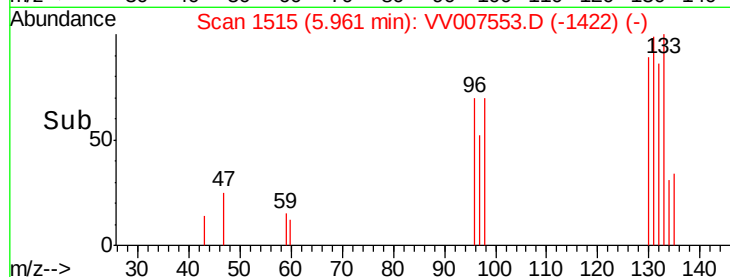
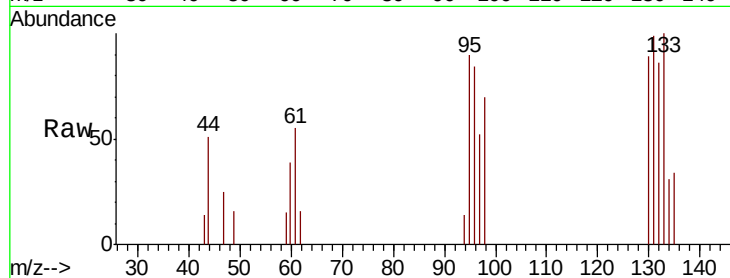
Ion Ratio Lower Upper

95 100

97 57.8 45.5 84.5

132 94.8 74.9 139.1

130 98.2 80.0 148.6



#35

Methylcyclohexane

Concen: 0.898 ug/L

RT: 6.12 min Scan# 1565

Delta R.T. -0.06 min

Lab File: VV007553.D

Acq: 15 Sep 2018 04:59

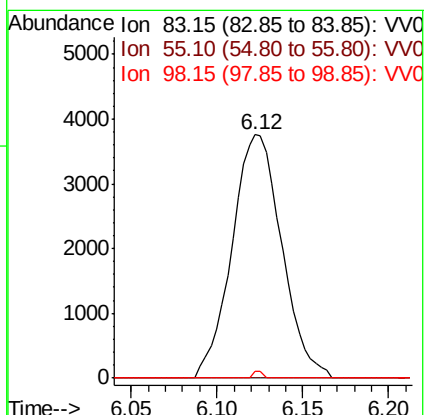
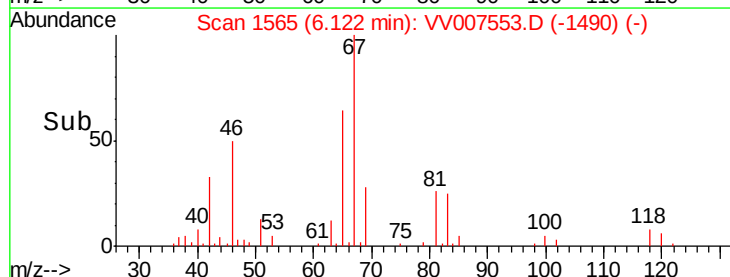
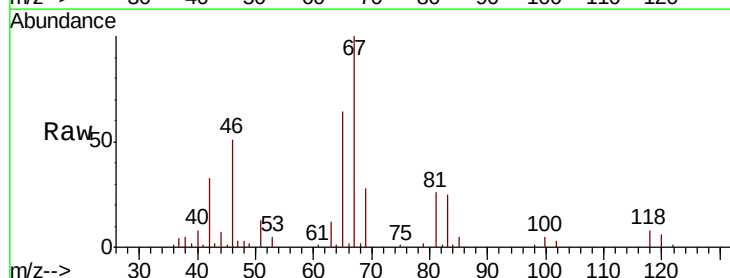
Tgt Ion: 83 Resp: 7576

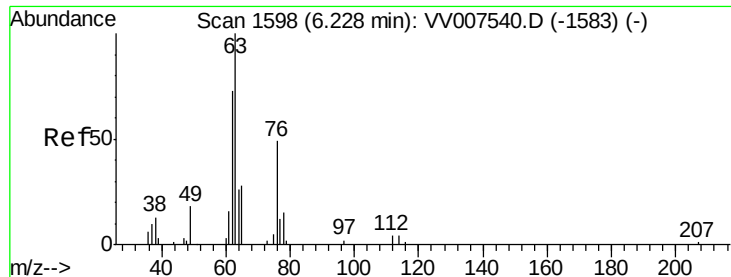
Ion Ratio Lower Upper

83 100

55 0.0 55.0 82.4#

98 0.5 37.6 56.4#

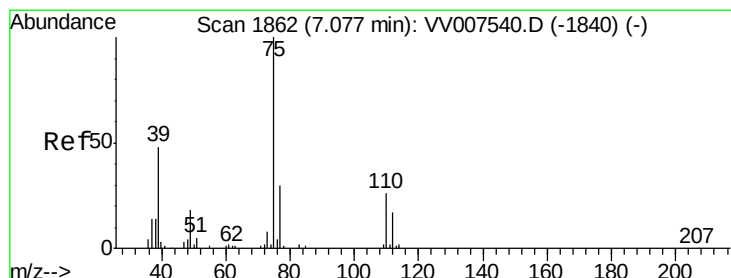
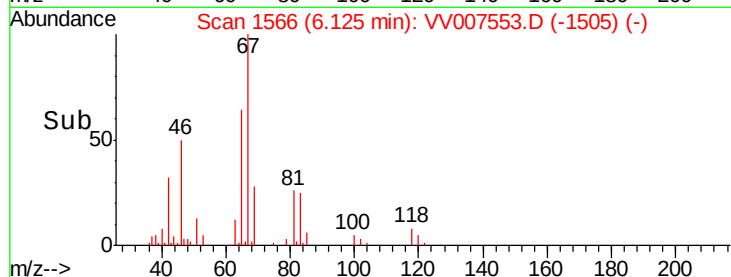
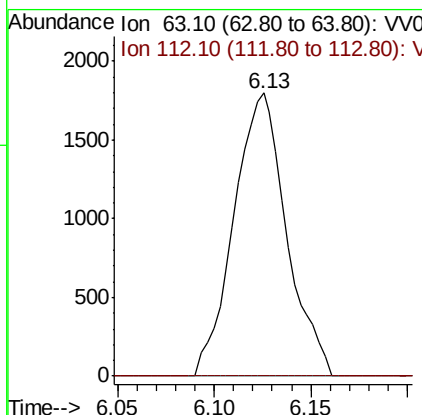
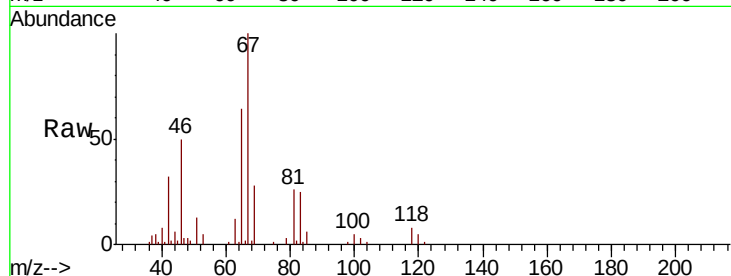




#37
 1,2-Dichloropropane
 Concen: 0.776 ug/L
 RT: 6.13 min Scan# 1566
 Delta R.T. -0.10 min
 Lab File: VV007553.D
 Acq: 15 Sep 2018 04:59

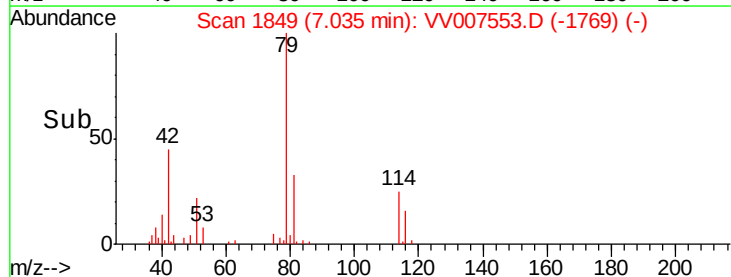
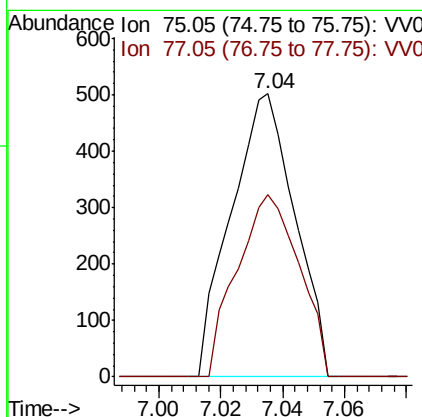
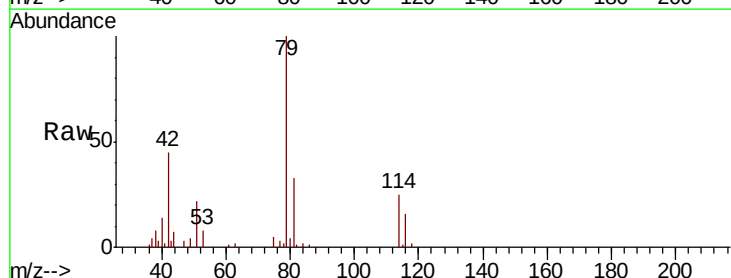
Instrument :
 MSVOA_V
 ClientSampleId :
 C0KR9

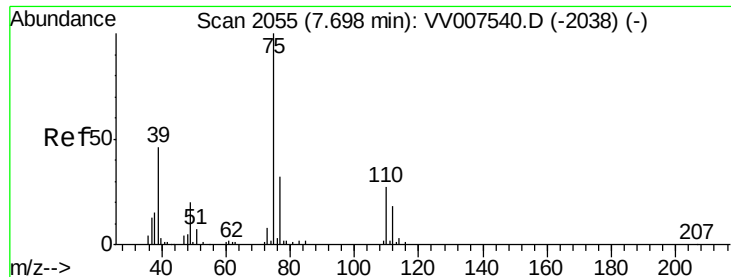
Tgt Ion: 63 Resp: 3407
 Ion Ratio Lower Upper
 63 100
 112 0.0 4.1 6.1#



#39
 cis-1,3-Dichloropropene
 Concen: 0.103 ug/L
 RT: 7.04 min Scan# 1849
 Delta R.T. -0.04 min
 Lab File: VV007553.D
 Acq: 15 Sep 2018 04:59

Tgt Ion: 75 Resp: 718
 Ion Ratio Lower Upper
 75 100
 77 64.5 22.0 41.0#

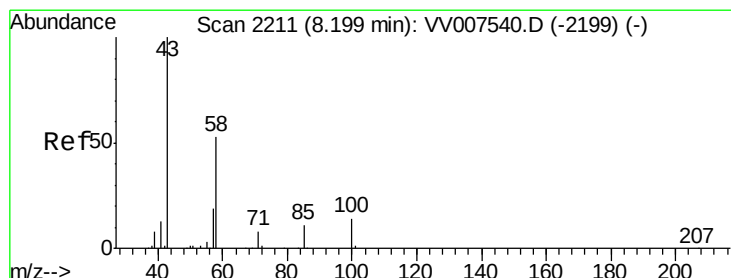
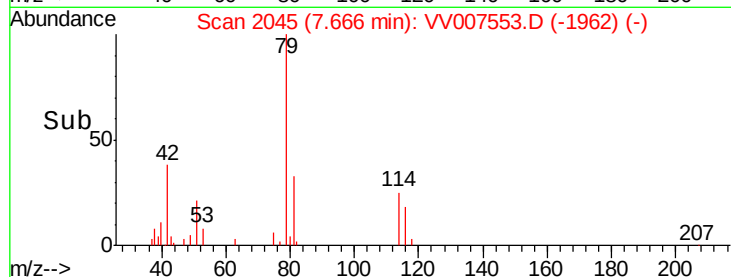
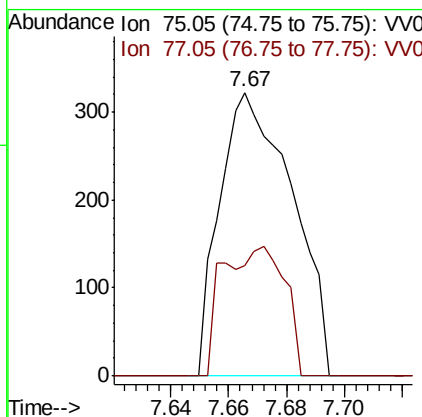
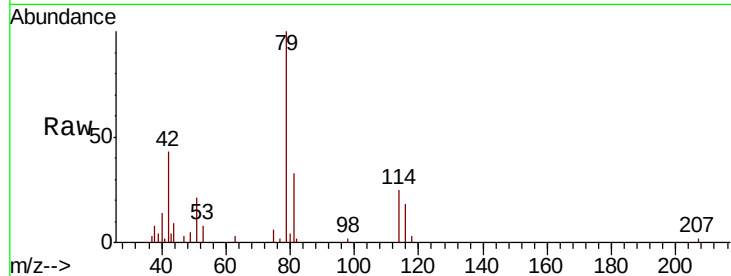




#44
trans-1,3-Dichloropropene
Concen: 0.098 ug/L
RT: 7.67 min Scan# 2045
Delta R.T. -0.03 min
Lab File: VV007553.D
Acq: 15 Sep 2018 04:59

Instrument :
MSVOA_V
ClientSampled :
C0KR9

Tgt Ion: 75 Resp: 560
Ion Ratio Lower Upper
75 100
77 39.1 23.4 43.4



#48
2-Hexanone
Concen: 3.340 ug/L
RT: 8.20 min Scan# 2210
Delta R.T. -0.00 min
Lab File: VV007553.D
Acq: 15 Sep 2018 04:59

Tgt Ion: 43 Resp: 6144
Ion Ratio Lower Upper
43 100
58 0.0 49.8 74.6#
57 7.2 18.2 27.4#
100 5.4 11.0 16.4#

