

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV091418\
 Data File : VV007559.D
 Acq On : 15 Sep 2018 07:48
 Operator : SY/MD
 Sample : J4872-21
 Misc : 25.0 mL/MSVOA V/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 17 05:57:44 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR091318WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Sep 17 04:48:21 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	113955	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	98978	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	43917	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	24040	4.04	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	80.80%
7) Chloroethane-d5	1.58	69	23904	4.79	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.80%
11) 1,1-Dichloroethene-d2	2.13	63	43227	3.49	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.80%
20) 2-Butanone-d5	3.98	46	39631	47.73	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	95.46%
24) Chloroform-d	4.41	84	53454	4.38	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.60%
26) 1,2-Dichloroethane-d4	5.09	65	26558	4.44	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.80%
32) Benzene-d6	5.10	84	106581	4.75	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.00%
36) 1,2-Dichloropropane-d6	6.12	67	30692	4.59	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.80%
41) Toluene-d8	7.36	98	101301	4.33	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.60%
43) trans-1,3-Dichloropropene-	7.67	79	10314	3.33	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	66.60%
46) 2-Hexanone-d5	8.15	63	28473	57.59	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	115.18%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	19573	4.18	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	83.60%
64) 1,2-Dichlorobenzene-d4	11.68	152	37869	4.71	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.20%

Target Compounds

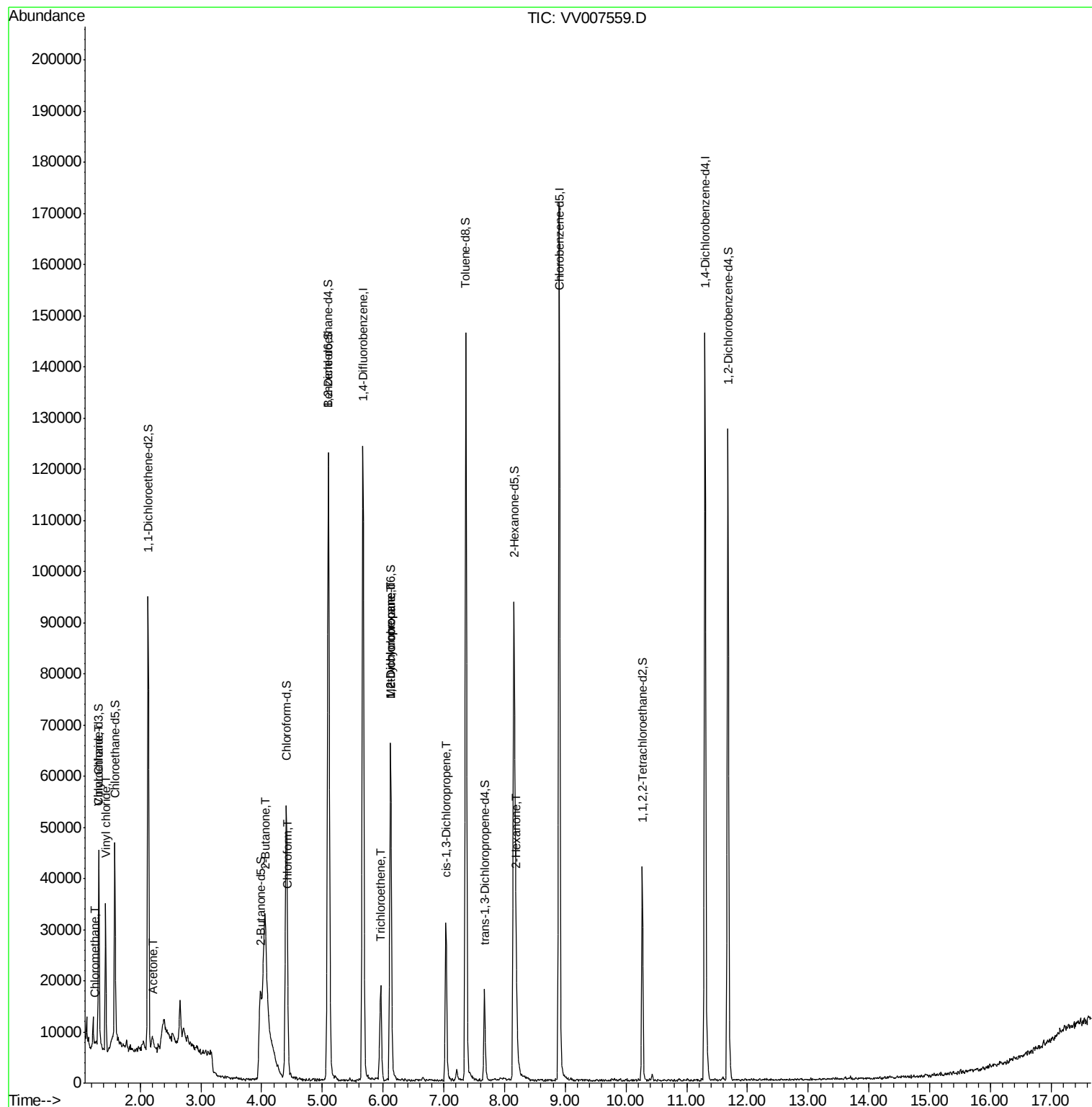
					Ovalue
3) Chloromethane	1.25	50	653	0.122 ug/L #	72
5) Vinyl chloride	1.43	62	565	0.094 ug/L #	40
8) Chloroethane	1.32	64	359	0.098 ug/L #	1
13) Acetone	2.22	43	1388	2.560 ug/L	82
21) 2-Butanone	4.05	43	2956	3.250 ug/L	75
25) Chloroform	4.43	83	1230	0.117 ug/L	99
34) Trichloroethene	5.96	95	4907	0.783 ug/L	97
35) Methylcyclohexane	6.13	83	7784	0.804 ug/L #	21
37) 1,2-Dichloropropane	6.13	63	3810	0.756 ug/L #	85
39) cis-1,3-Dichloropropene	7.03	75	908	0.113 ug/L #	58
48) 2-Hexanone	8.20	43	6430	3.046 ug/L #	41

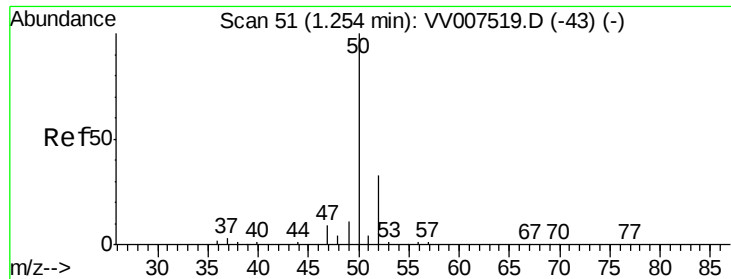
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Sep 17 04:48:21 2018
Response via : Initial Calibration





#3

Chloromethane

Concen: 0.122 ug/L

RT: 1.25 min Scan# 51

Delta R.T. 0.00 min

Lab File: VV007559.D

Acq: 15 Sep 2018 07:48

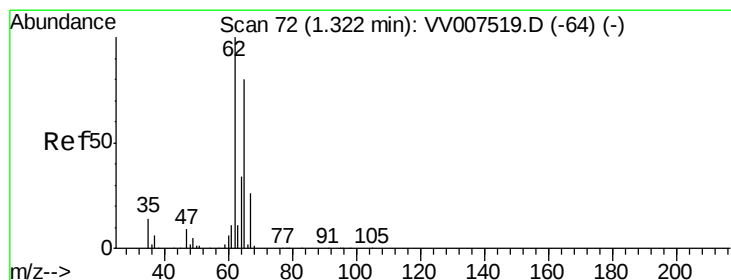
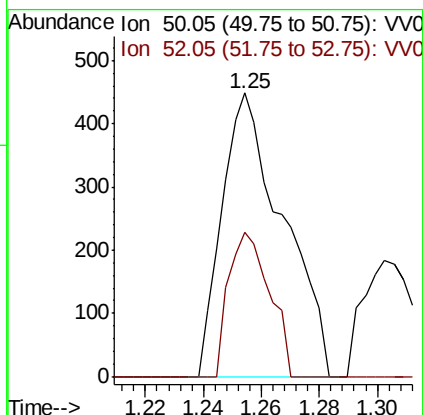
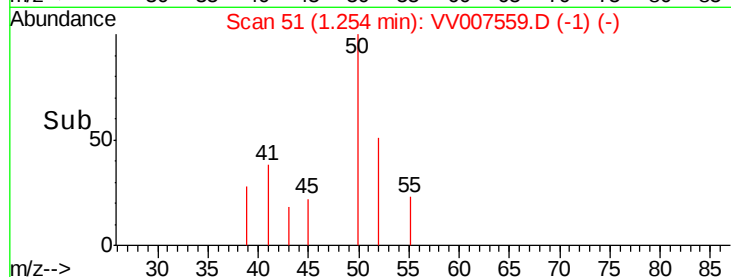
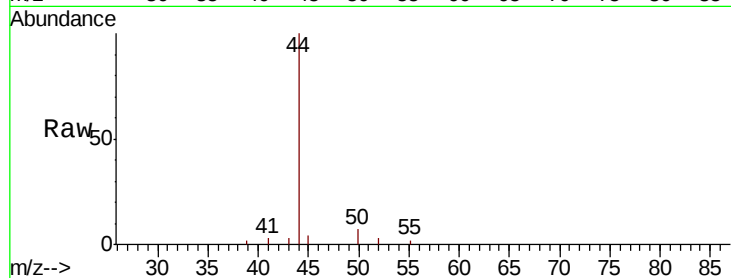
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 50 Resp: 653

Ion Ratio Lower Upper

50 100

52 50.9 24.3 45.1#



#5

Vinyl chloride

Concen: 0.094 ug/L

RT: 1.43 min Scan# 106

Delta R.T. 0.11 min

Lab File: VV007559.D

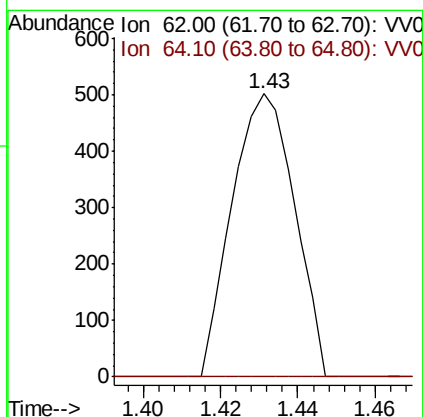
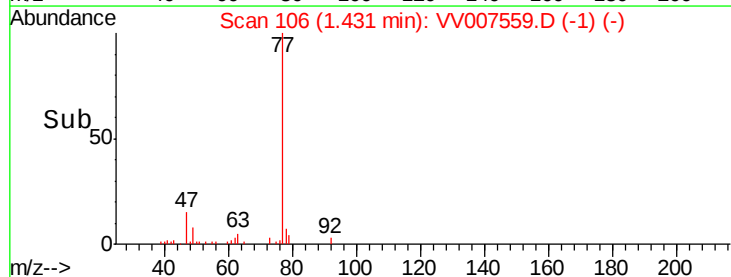
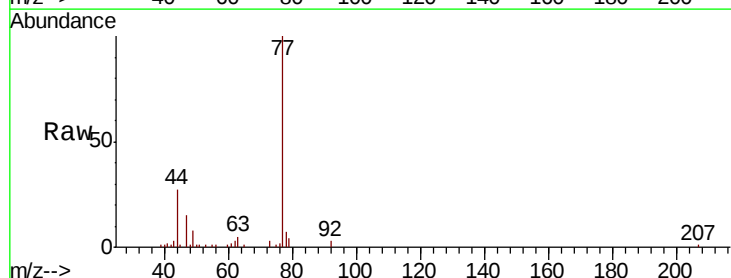
Acq: 15 Sep 2018 07:48

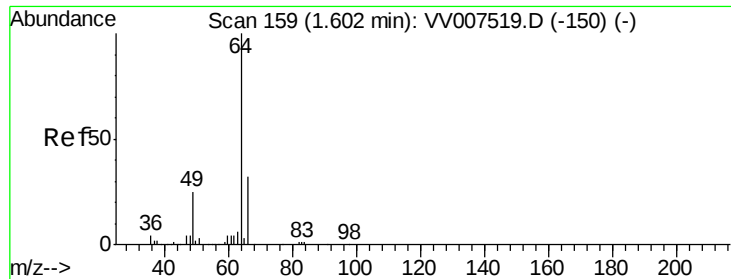
Tgt Ion: 62 Resp: 565

Ion Ratio Lower Upper

62 100

64 0.0 24.4 45.2#





#8

Chloroethane

Concen: 0.098 ug/L

RT: 1.32 min Scan# 72

Delta R.T. -0.28 min

Lab File: VV007559.D

Acq: 15 Sep 2018 07:48

Instrument :

MSVOA_V

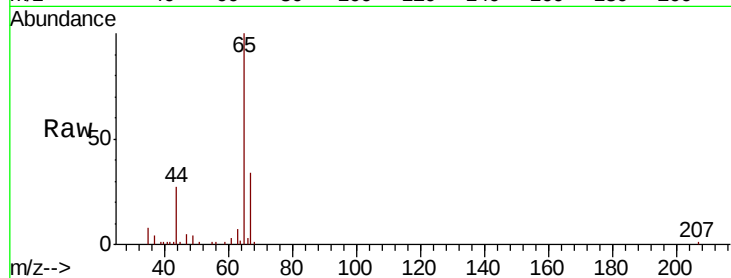
ClientSampleId :

Tot Ion: 64 Resp: 359

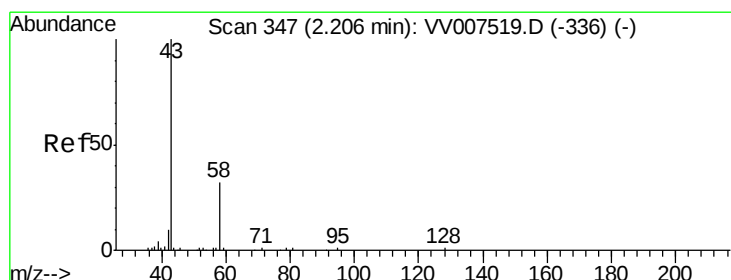
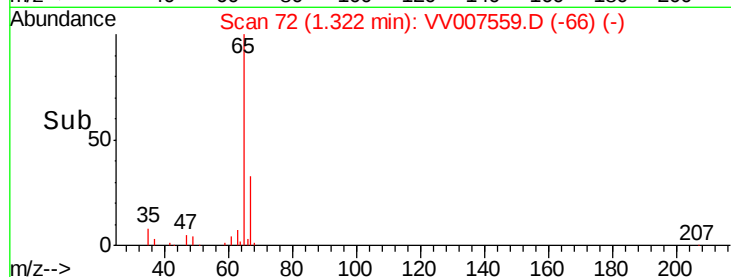
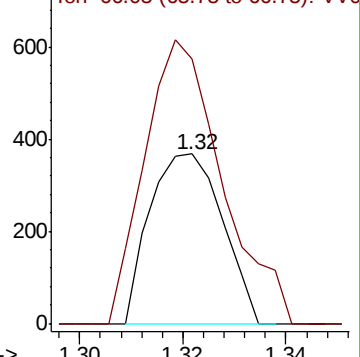
Ion Ratio Lower Upper

64 100

66 156.0 24.3 45.1#



Abundance Ion 64.10 (63.80 to 64.80): VV007519.D (-150) (-)



#13

Acetone

Concen: 2.560 ug/L

RT: 2.22 min Scan# 350

Delta R.T. 0.01 min

Lab File: VV007559.D

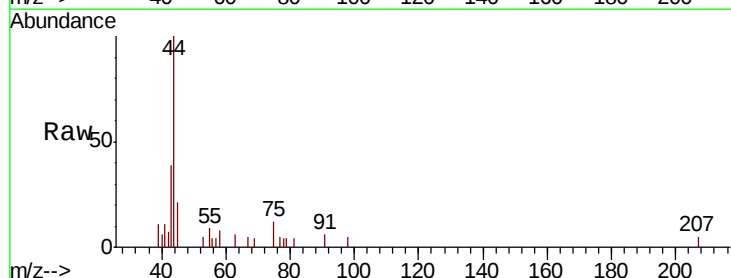
Acq: 15 Sep 2018 07:48

Tgt Ion: 43 Resp: 1388

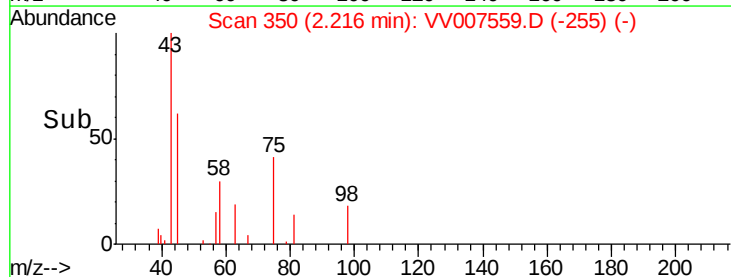
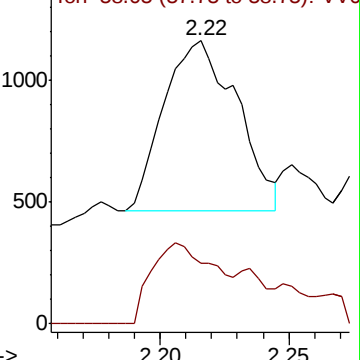
Ion Ratio Lower Upper

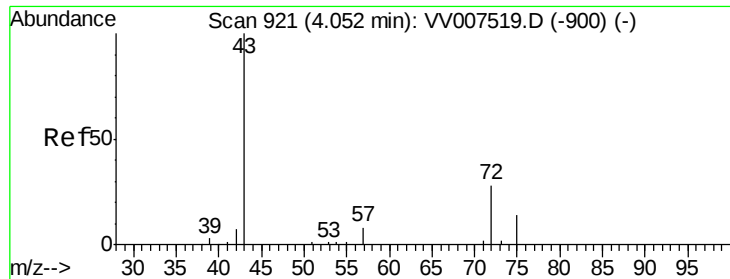
43 100

58 41.6 0.0 63.4



Abundance Ion 43.05 (42.75 to 43.75): VV007519.D (-336) (-)





#21

2-Butanone

Concen: 3.250 ug/L

RT: 4.05 min Scan# 920

Delta R.T. -0.01 min

Lab File: VV007559.D

Acq: 15 Sep 2018 07:48

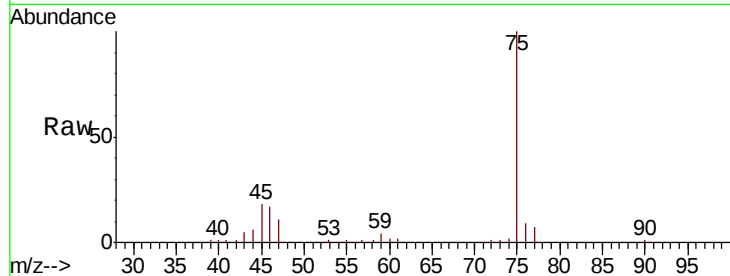
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 43 Resp: 2956

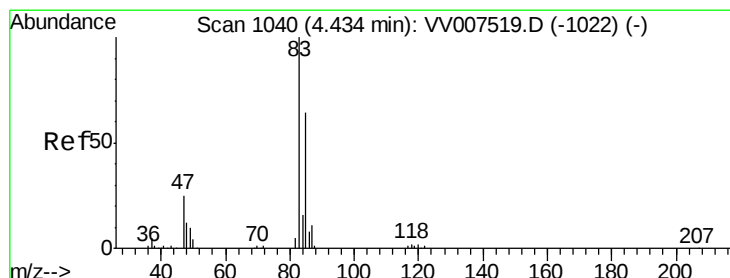
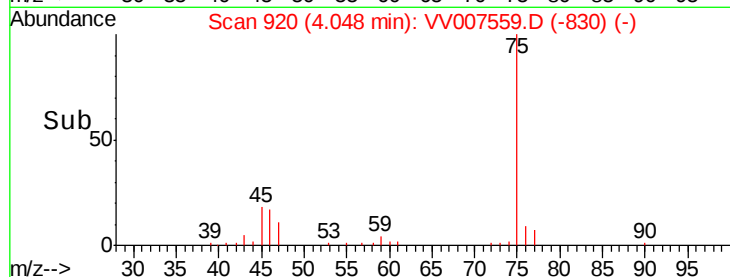
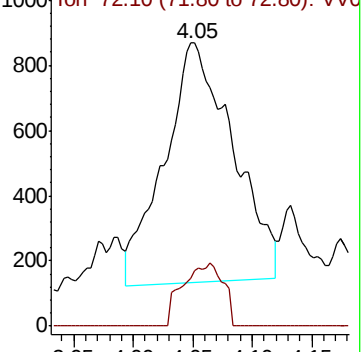
Ion Ratio Lower Upper

43 100

72 15.3 14.2 42.6



Abundance Ion 43.05 (42.75 to 43.75): VV0
Ion 72.10 (71.80 to 72.80): VV0



#25

Chloroform

Concen: 0.117 ug/L

RT: 4.43 min Scan# 1040

Delta R.T. 0.00 min

Lab File: VV007559.D

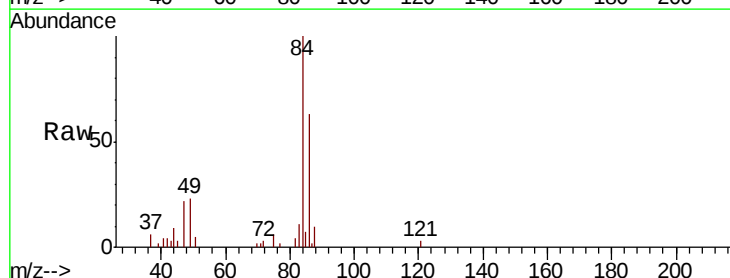
Acq: 15 Sep 2018 07:48

Tgt Ion: 83 Resp: 1230

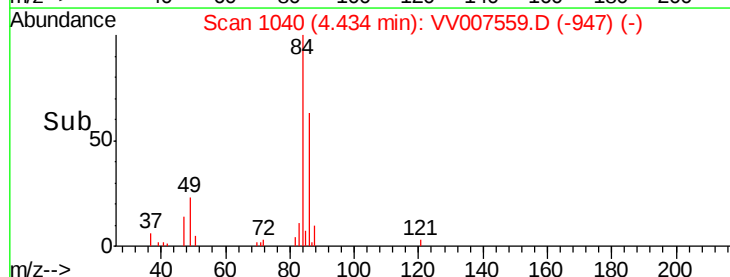
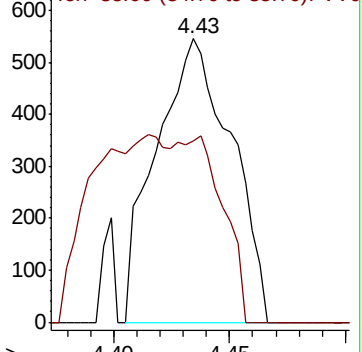
Ion Ratio Lower Upper

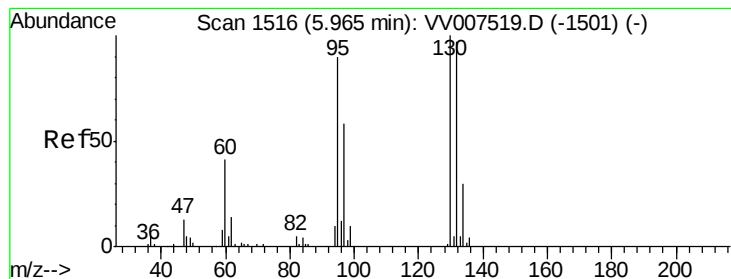
83 100

85 64.0 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: 0.783 ug/L

RT: 5.96 min Scan# 1515

Delta R.T. 0.00 min

Lab File: VV007559.D

Acq: 15 Sep 2018 07:48

Instrument :

MSVOA_V

ClientSampleId :

Tot Ion: 95 Resp: 4907

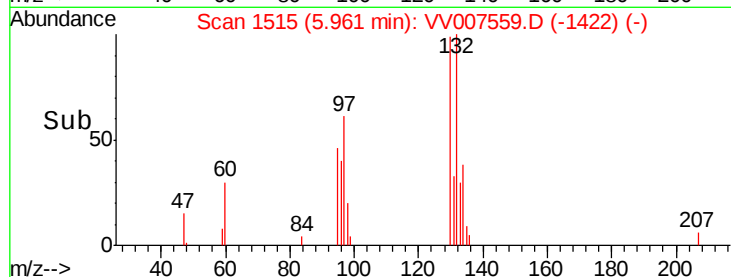
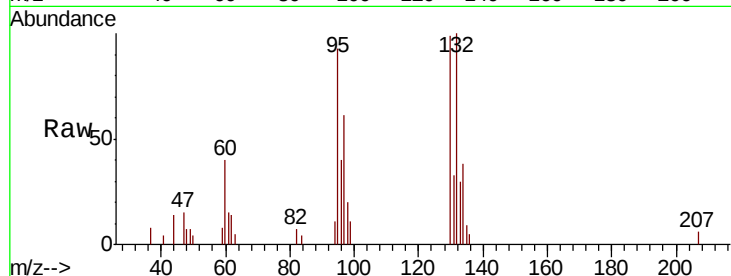
Ion Ratio Lower Upper

95 100

97 65.6 45.5 84.5

132 107.2 74.9 139.1

130 105.9 80.0 148.6

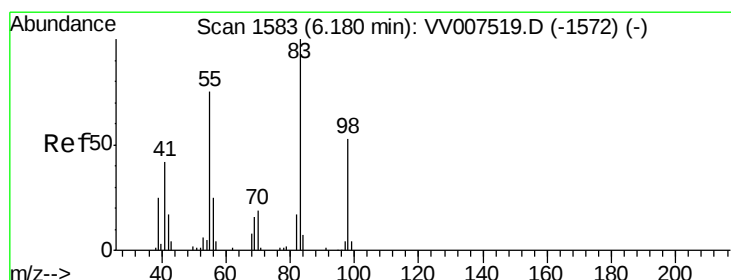
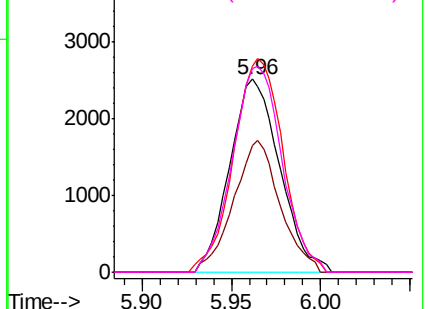


Abundance Ion 95.00 (94.70 to 95.70): VV007559.D (-1422) (-)

Ion 96.95 (96.65 to 97.65): VV007559.D (-1422) (-)

Ion 131.95 (131.65 to 132.65): VV007559.D (-1422) (-)

Ion 129.95 (129.65 to 130.65): VV007559.D (-1422) (-)



#35

Methylcyclohexane

Concen: 0.804 ug/L

RT: 6.13 min Scan# 1566

Delta R.T. -0.05 min

Lab File: VV007559.D

Acq: 15 Sep 2018 07:48

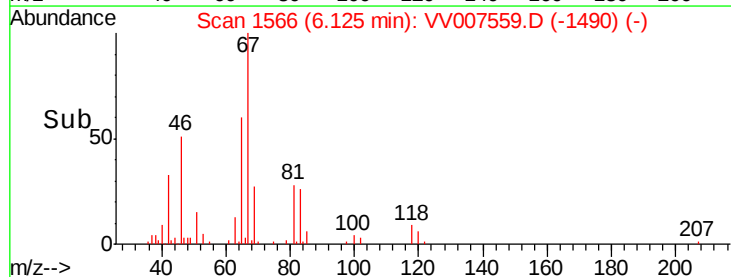
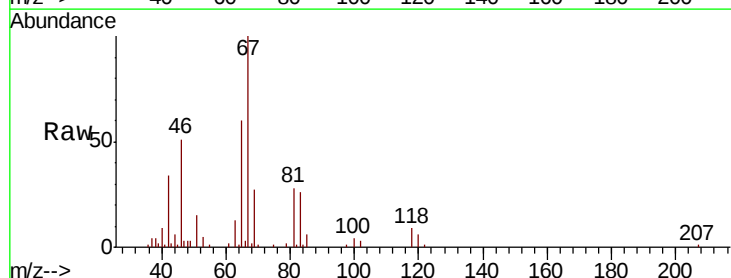
Tgt Ion: 83 Resp: 7784

Ion Ratio Lower Upper

83 100

55 0.3 55.0 82.4#

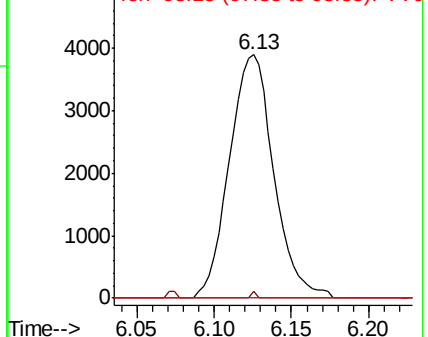
98 0.0 37.6 56.4#

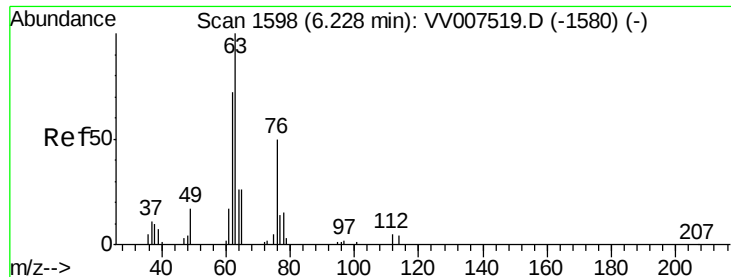


Abundance Ion 83.15 (82.85 to 83.85): VV007559.D (-1490) (-)

Ion 55.10 (54.80 to 55.80): VV007559.D (-1490) (-)

Ion 98.15 (97.85 to 98.85): VV007559.D (-1490) (-)





#37

1,2-Dichloropropane

Concen: 0.756 ug/L

RT: 6.13 min Scan# 1566

Delta R.T. -0.10 min

Lab File: VV007559.D

Acq: 15 Sep 2018 07:48

Instrument :

MSVOA_V

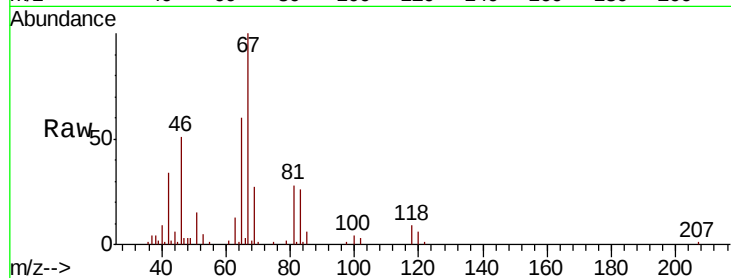
ClientSampleId :

Tot Ion: 63 Resp: 3810

Ion Ratio Lower Upper

63 100

112 0.0 4.1 6.1#



Abundance Ion 63.10 (62.80 to 63.80): VV007519.D (-1580) (-)

Ion 112.10 (111.80 to 112.80): VV007519.D (-1580) (-)

6.13

2000

1500

1000

500

0

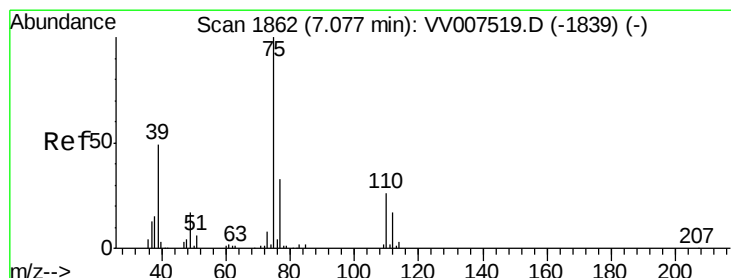
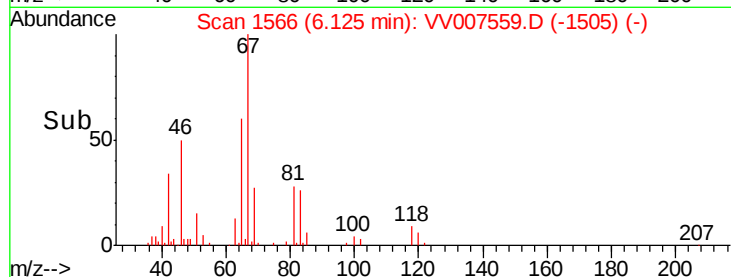
6.05

6.10

6.15

6.20

Time-->



#39

cis-1,3-Dichloropropene

Concen: 0.113 ug/L

RT: 7.03 min Scan# 1848

Delta R.T. -0.04 min

Lab File: VV007559.D

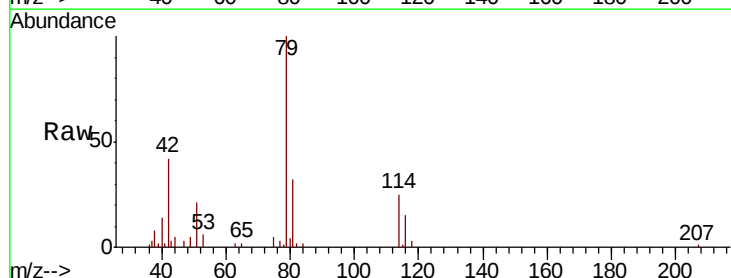
Acq: 15 Sep 2018 07:48

Tgt Ion: 75 Resp: 908

Ion Ratio Lower Upper

75 100

77 54.8 22.0 41.0#



Abundance Ion 75.05 (74.75 to 75.75): VV007519.D (-1839) (-)

Ion 77.05 (76.75 to 77.75): VV007519.D (-1839) (-)

7.03

600

500

400

300

200

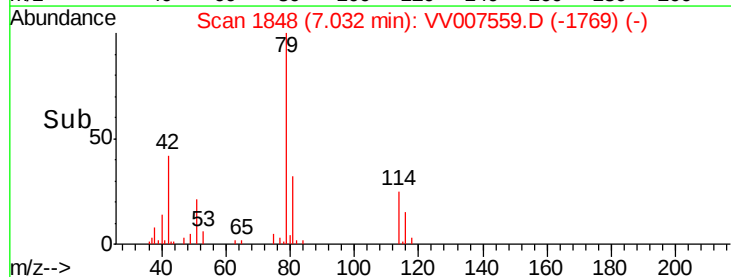
100

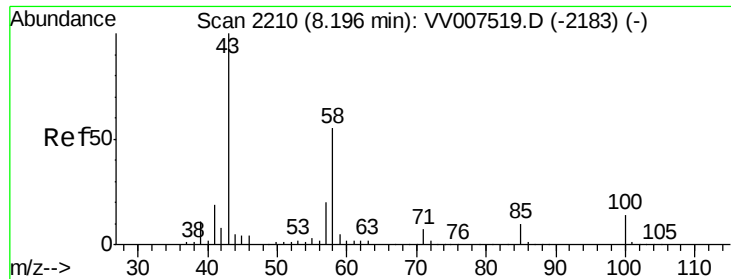
0

7.00

7.05

Time-->





#48

2-Hexanone

Concen: 3.046 ug/L

RT: 8.20 min Scan# 2210

Delta R.T. -0.00 min

Lab File: VV007559.D

Acq: 15 Sep 2018 07:48

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 43 Resp: 6430

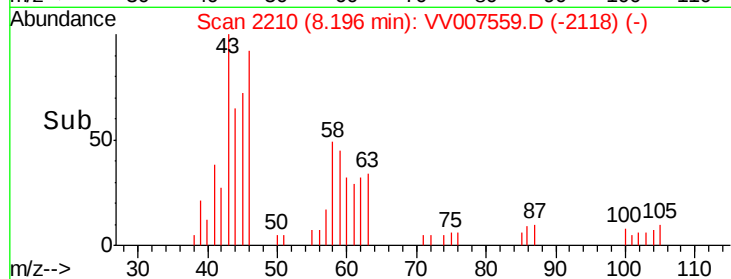
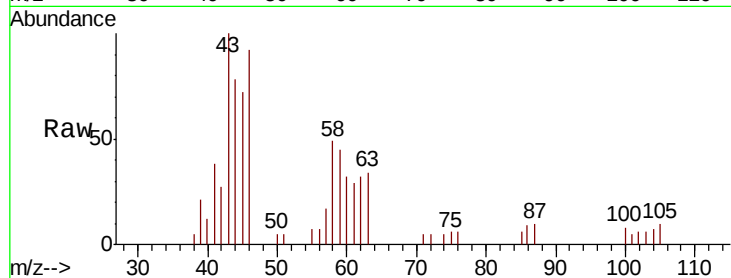
Ion Ratio Lower Upper

43 100

58 0.0 49.8 74.6#

57 11.5 18.2 27.4#

100 5.6 11.0 16.4#



Abundance Ion 43.05 (42.75 to 43.75): VV0
Ion 58.05 (57.75 to 58.75): VV0
Ion 57.20 (56.90 to 57.90): VV0
Ion 100.15 (99.85 to 100.85): VV0

