

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV101818\
 Data File : VV008336.D
 Acq On : 18 Oct 2018 11:47
 Operator : SY/MD
 Sample : J5407-01DL 10X
 Misc : 25.0 mL/MSVOA V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 19 05:27:24 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR101518WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Oct 19 05:24:39 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	100414	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	84810	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	31314	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	30275	5.33	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	106.60%
7) Chloroethane-d5	1.58	69	18641	4.16	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	83.20%
11) 1,1-Dichloroethene-d2	2.12	63	43563	4.00	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	80.00%
20) 2-Butanone-d5	3.98	46	106240	55.82	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	111.64%
24) Chloroform-d	4.41	84	64741	5.10	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.00%
26) 1,2-Dichloroethane-d4	5.09	65	34647	5.39	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.80%
32) Benzene-d6	5.10	84	135252	5.43	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	108.60%
36) 1,2-Dichloropropane-d6	6.12	67	47513	5.80	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	116.00%
41) Toluene-d8	7.36	98	113865	5.04	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.80%
43) trans-1,3-Dichloropropene-	7.67	79	15890	4.67	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.40%
46) 2-Hexanone-d5	8.15	63	68772	57.68	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	115.36%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	27424	5.04	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.80%
64) 1,2-Dichlorobenzene-d4	11.68	152	33047	5.56	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	111.20%

Target Compounds

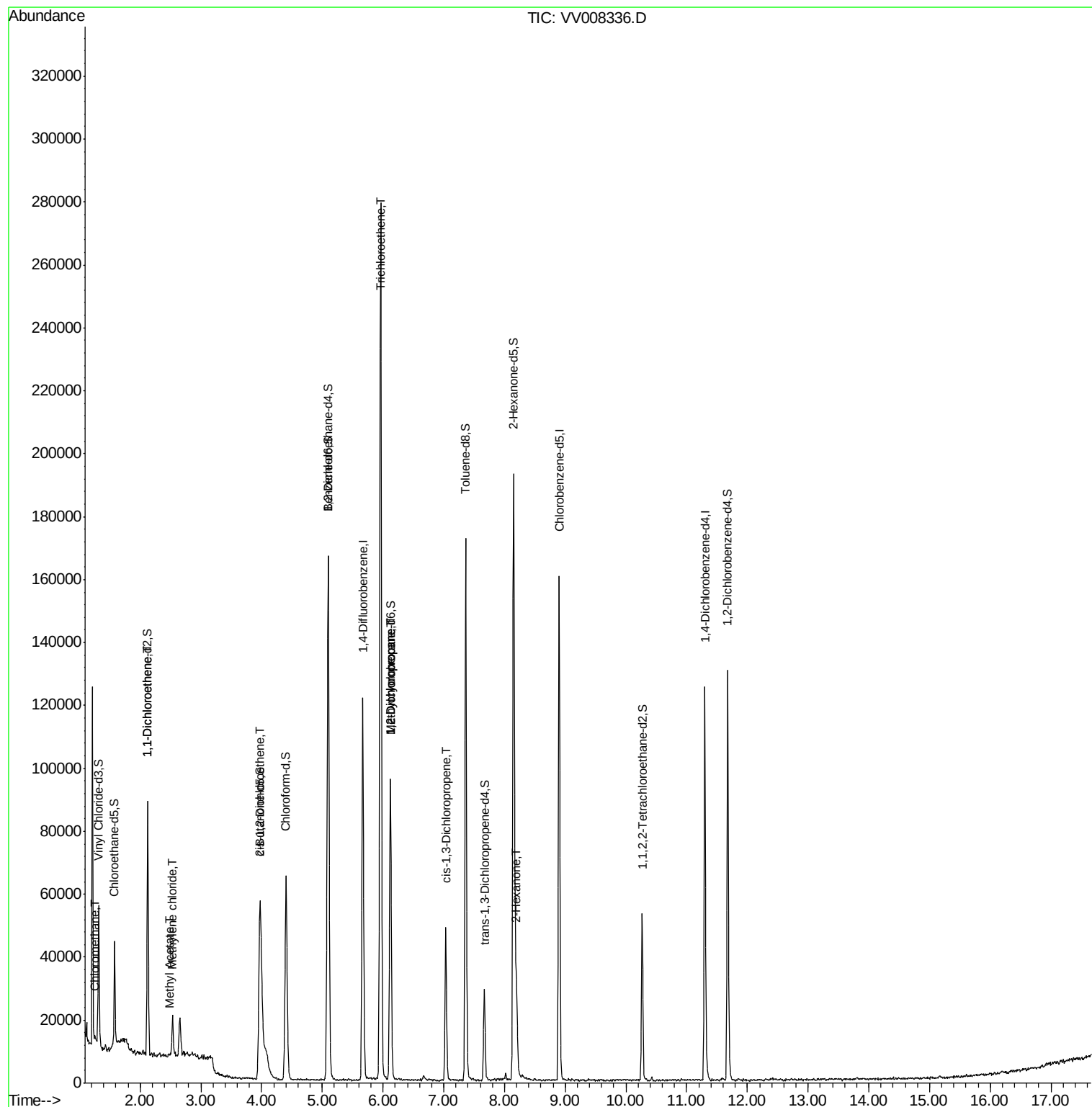
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Chloromethane	1.25	50	648	0.082	ug/L	92
12) 1,1-Dichloroethene	2.13	96	532	0.110	ug/L #	1
15) Methyl Acetate	2.49	43	345	0.135	ug/L #	50
16) Methylene chloride	2.53	84	4584	0.821	ug/L	98
22) cis-1,2-Dichloroethene	3.96	96	10405	1.242	ug/L #	93
34) Trichloroethene	5.96	95	98384	12.422	ug/L	98
35) Methylcyclohexane	6.12	83	10670	0.799	ug/L #	19
37) 1,2-Dichloropropane	6.12	63	5184	0.672	ug/L #	90
39) cis-1,3-Dichloropropene	7.03	75	1113	0.101	ug/L #	14
48) 2-Hexanone	8.20	43	20204	5.853	ug/L #	83

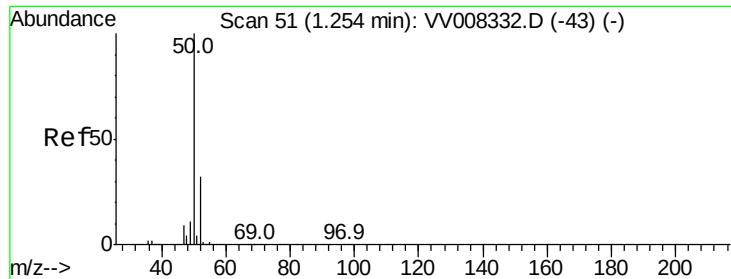
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.082 ug/L

RT: 1.25 min Scan# 50

Delta R.T. -0.00 min

Lab File: VV008336.D

Acq: 18 Oct 2018 11:47

Instrument :

MSVOA_V

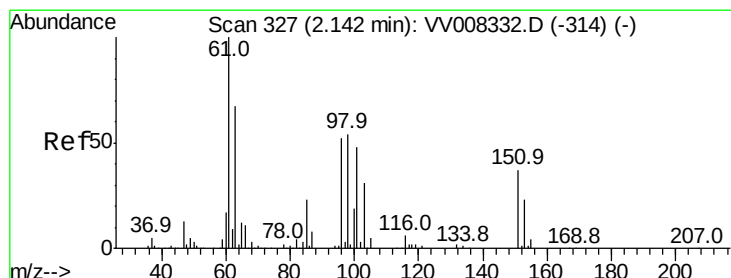
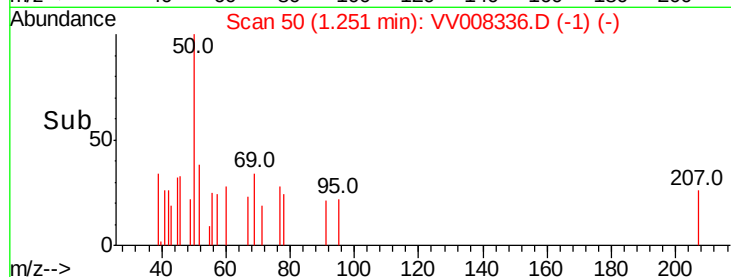
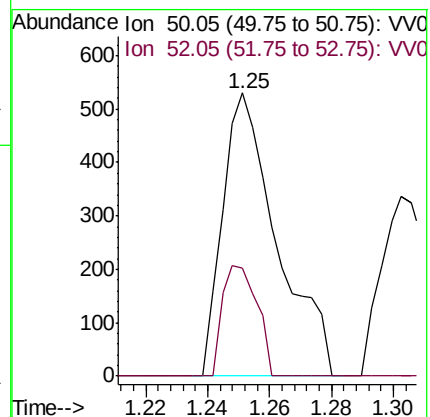
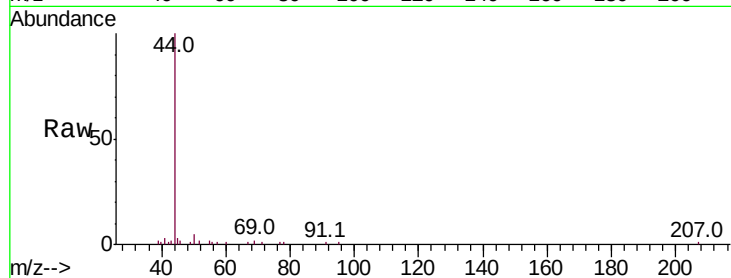
ClientSampleId :

Tot Ion: 50 Resp: 648

Ion Ratio Lower Upper

50 100

52 38.1 23.7 43.9



#12

1,1-Dichloroethene

Concen: 0.110 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.02 min

Lab File: VV008336.D

Acq: 18 Oct 2018 11:47

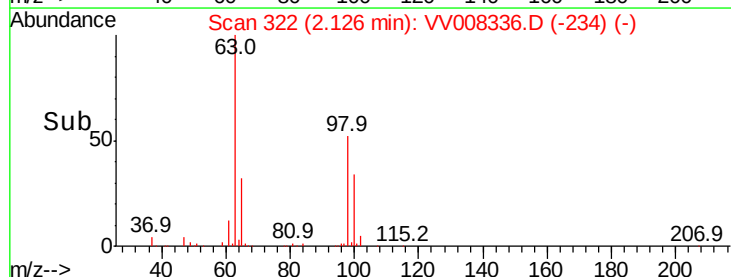
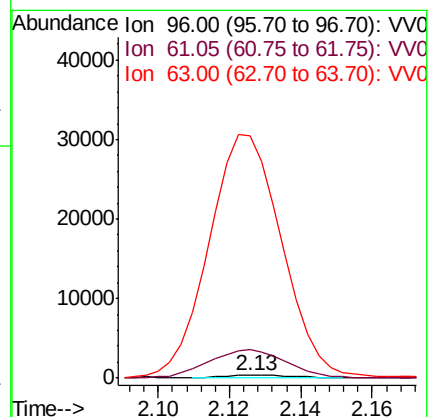
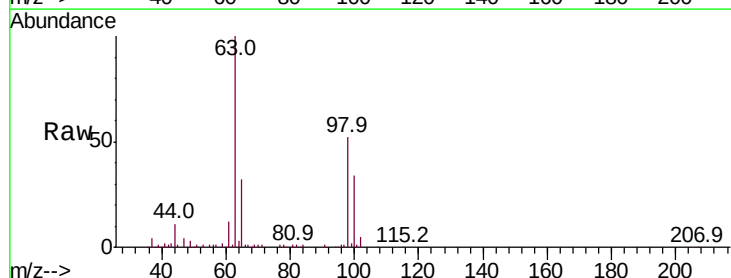
Tgt Ion: 96 Resp: 532

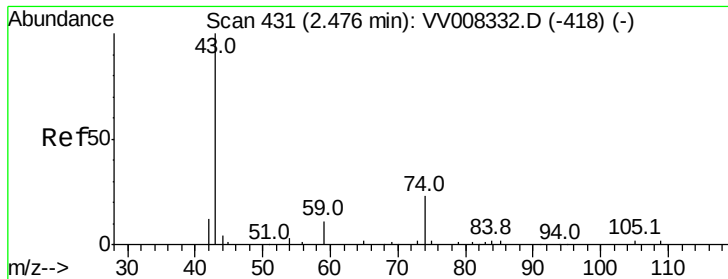
Ion Ratio Lower Upper

96 100

61 1082.5 129.9 241.3#

63 9200.0 103.0 191.4#





#15

Methyl Acetate

Concen: 0.135 ug/L

RT: 2.49 min Scan# 434

Delta R.T. 0.01 min

Lab File: VV008336.D

Acq: 18 Oct 2018 11:47

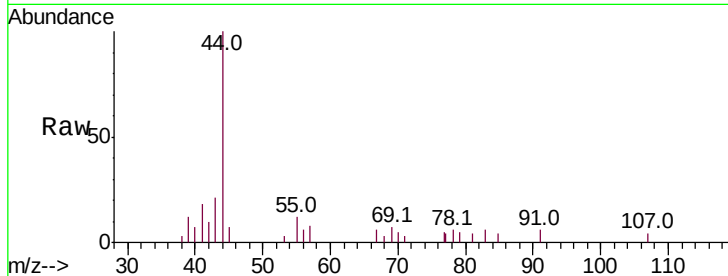
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 43 Resp: 345

Ion Ratio Lower Upper

43 100

74 0.0 20.0 30.0#



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 74.05 (73.75 to 74.75): VV0

2.49

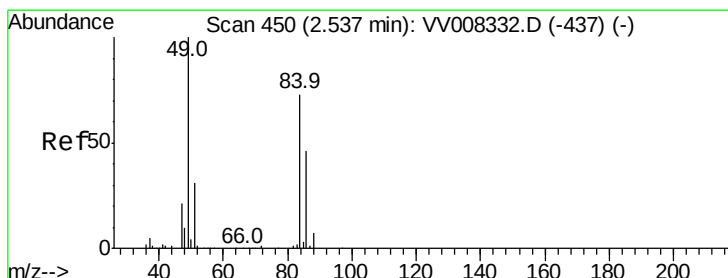
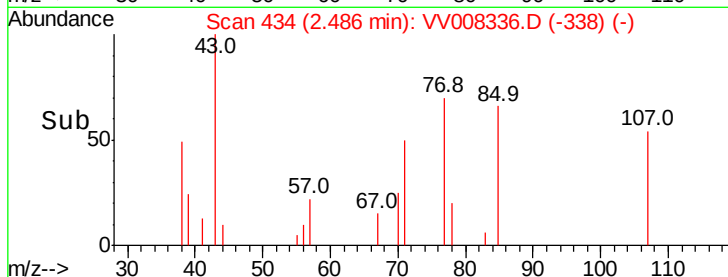
600

400

200

0

Time-->



#16

Methylene chloride

Concen: 0.821 ug/L

RT: 2.53 min Scan# 449

Delta R.T. -0.00 min

Lab File: VV008336.D

Acq: 18 Oct 2018 11:47

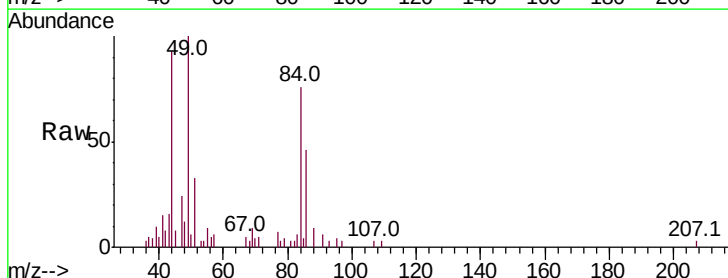
Tgt Ion: 84 Resp: 4584

Ion Ratio Lower Upper

84 100

86 60.9 45.0 83.6

49 131.8 92.9 172.5



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

5000

4000

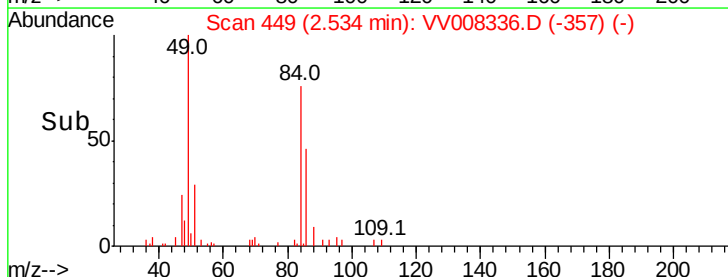
3000

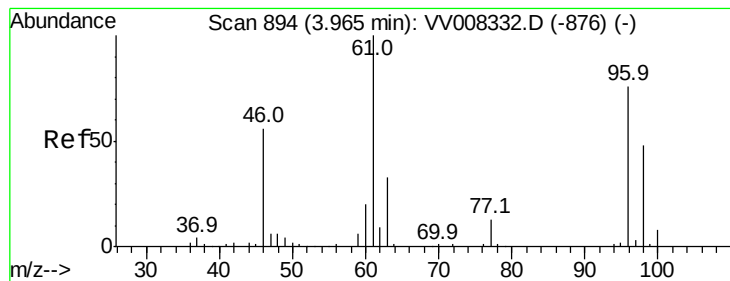
2000

1000

0

Time-->



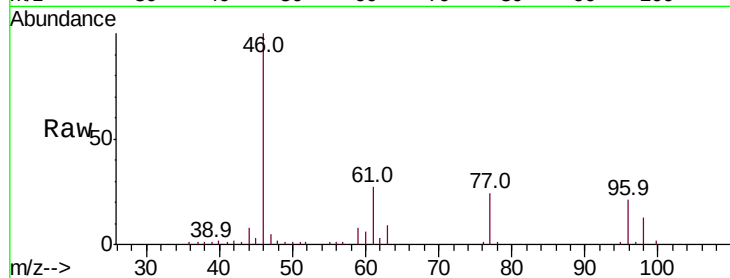


#22

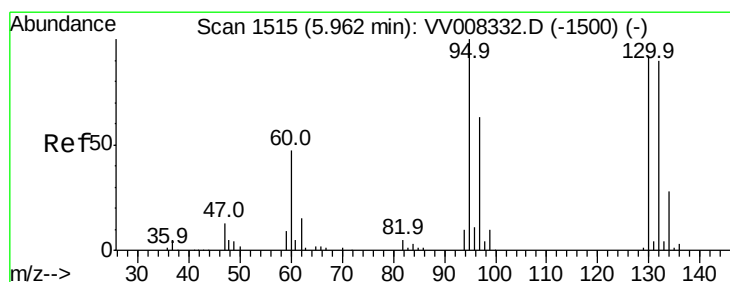
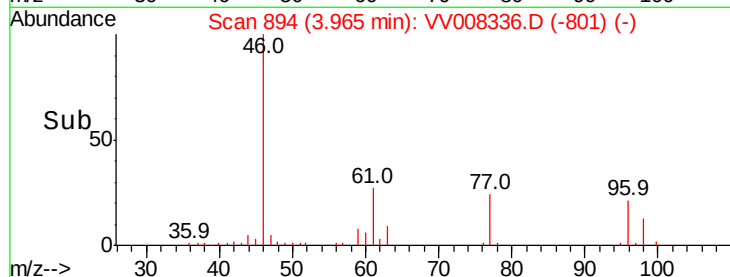
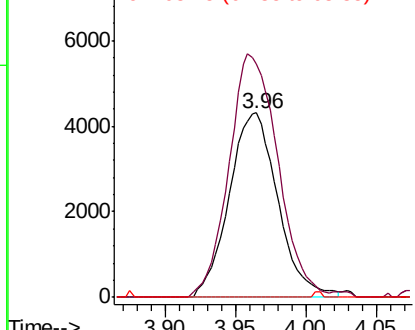
cis-1,2-Dichloroethene
Concen: 1.242 ug/L
RT: 3.96 min Scan# 894
Delta R.T. -0.00 min
Lab File: VV008336.D
Acq: 18 Oct 2018 11:47

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 96 Resp: 10405
Ion Ratio Lower Upper
96 100
61 126.1 93.7 174.1
68 0.0 0.6 1.2#



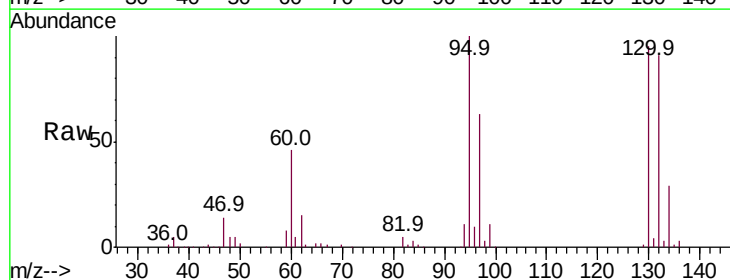
Abundance Ion 96.00 (95.70 to 96.70): VV0
Ion 61.05 (60.75 to 61.75): VV0
Ion 68.15 (67.85 to 68.85): VV0



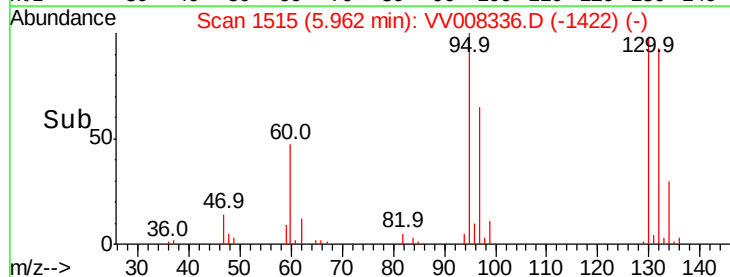
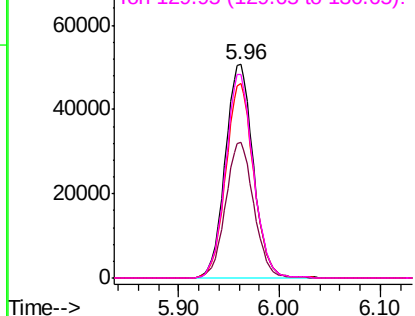
#34

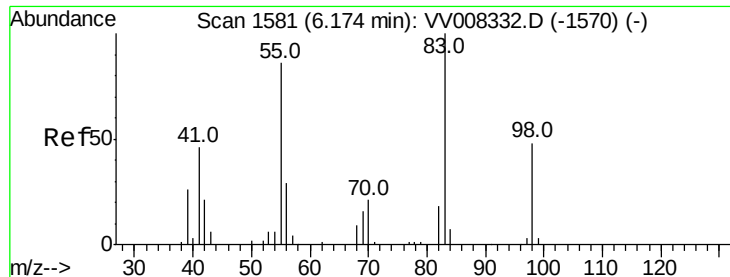
Trichloroethene
Concen: 12.422 ug/L
RT: 5.96 min Scan# 1515
Delta R.T. -0.00 min
Lab File: VV008336.D
Acq: 18 Oct 2018 11:47

Tgt Ion: 95 Resp: 98384
Ion Ratio Lower Upper
95 100
97 63.3 44.4 82.4
132 91.0 60.4 112.2
130 95.1 65.5 121.7



Abundance Ion 95.00 (94.70 to 95.70): VV0
Ion 96.95 (96.65 to 97.65): VV0
Ion 131.95 (131.65 to 132.65): VV0
Ion 129.95 (129.65 to 130.65): VV0

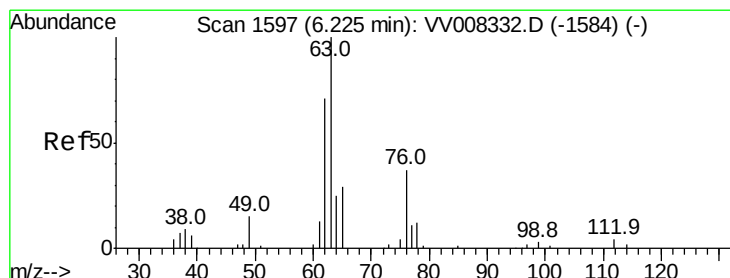
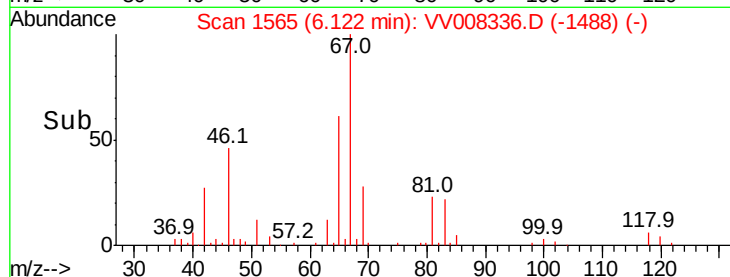
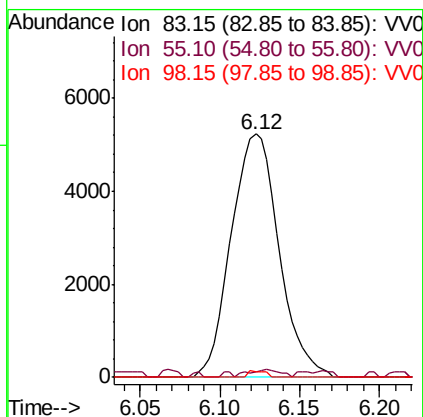
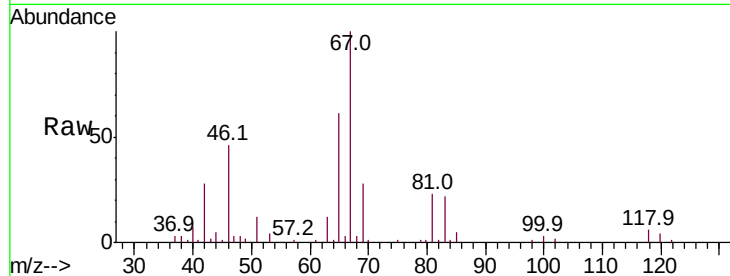




#35
Methylvlcyclohexane
Concen: 0.799 ug/L
RT: 6.12 min Scan# 1565
Delta R.T. -0.05 min
Lab File: VV008336.D
Acq: 18 Oct 2018 11:47

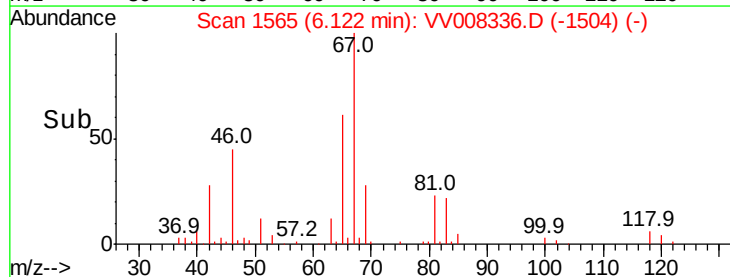
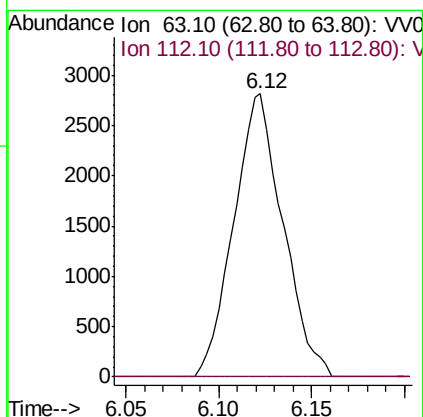
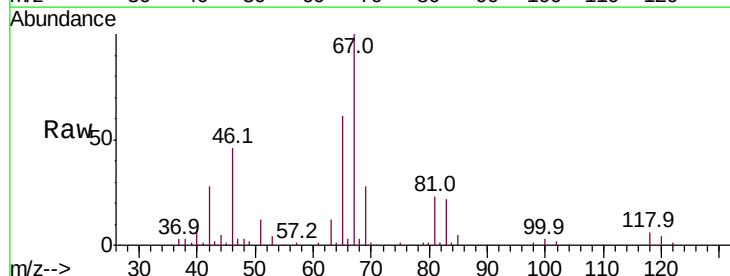
Instrument :
MSVOA_V
ClientSampleId :

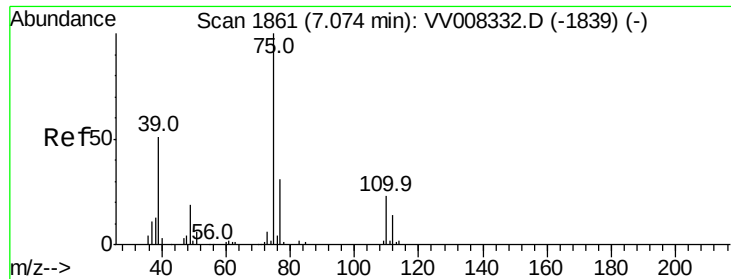
Tot Ion: 83 Resp: 10670
Ion Ratio Lower Upper
83 100
55 2.2 64.0 96.0#
98 0.0 37.0 55.4#



#37
1,2-Dichloropropane
Concen: 0.672 ug/L
RT: 6.12 min Scan# 1565
Delta R.T. -0.10 min
Lab File: VV008336.D
Acq: 18 Oct 2018 11:47

Tgt Ion: 63 Resp: 5184
Ion Ratio Lower Upper
63 100
112 0.0 2.6 3.8#





#39

cis-1,3-Dichloropropene

Concen: 0.101 ug/L

RT: 7.03 min Scan# 1848

Delta R.T. -0.04 min

Lab File: VV008336.D

Acq: 18 Oct 2018 11:47

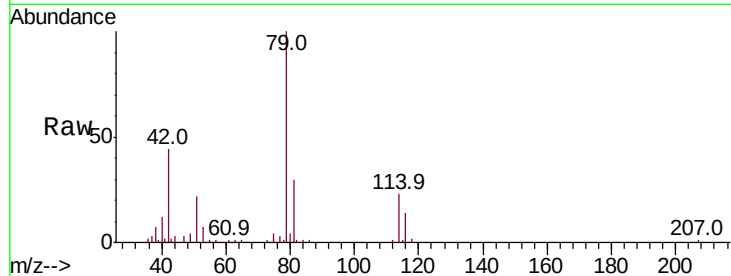
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 75 Resp: 1113

Ion Ratio Lower Upper

75 100

77 79.7 22.3 41.3#



Abundance Ion 75.05 (74.75 to 75.75): VV008332.D (-1839) (-)

Ion 77.05 (76.75 to 77.75): VV008336.D (-1768) (-)

7.03

600

400

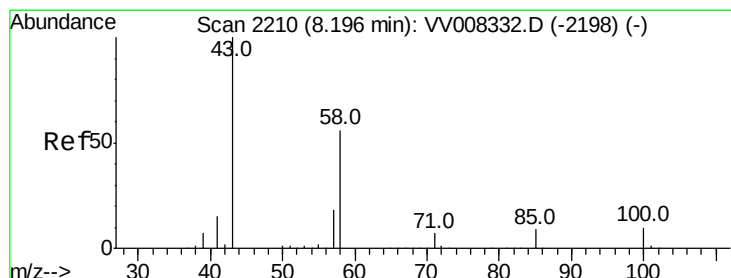
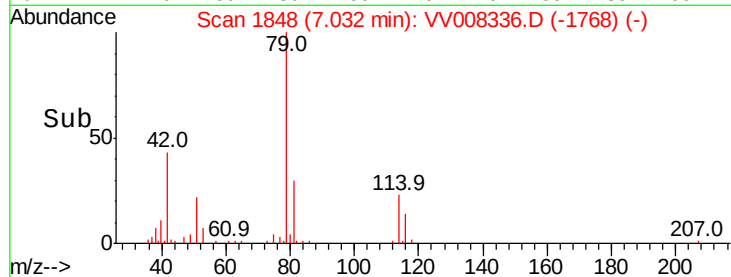
200

0

7.00

7.05

Time-->



#48

2-Hexanone

Concen: 5.853 ug/L

RT: 8.20 min Scan# 2211

Delta R.T. 0.00 min

Lab File: VV008336.D

Acq: 18 Oct 2018 11:47

Tgt Ion: 43 Resp: 20204

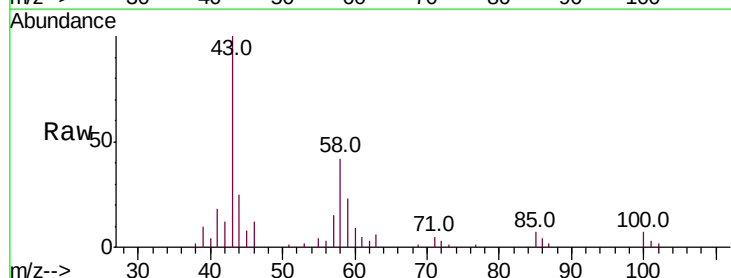
Ion Ratio Lower Upper

43 100

58 40.2 45.0 67.4#

57 14.6 14.4 21.6

100 6.6 7.9 11.9#



Abundance Ion 43.05 (42.75 to 43.75): VV008332.D (-2198) (-)

Ion 58.05 (57.75 to 58.75): VV008336.D (-2117) (-)

Ion 57.20 (56.90 to 57.90): VV008336.D (-2117) (-)

Ion 100.15 (99.85 to 100.85): VV008336.D (-2117) (-)

8.20

15000

10000

5000

0

8.15

8.20

8.25

Time-->

