

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV101618\
 Data File : VV008292.D
 Acq On : 16 Oct 2018 12:06
 Operator : SY/MD
 Sample : J5406-03
 Misc : 25.0 mL/MSVOA V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AH6

Quant Time: Oct 17 02:31:31 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR101518WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Oct 17 02:28:08 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	90874	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	81189	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	31084	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	26359	5.13	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	102.60%
7) Chloroethane-d5	1.59	69	17498	4.32	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.40%
11) 1,1-Dichloroethene-d2	2.14	63	37513	3.81	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	76.20%
20) 2-Butanone-d5	3.97	46	80358	46.65	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	93.30%
24) Chloroform-d	4.41	84	51057	4.45	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.00%
26) 1,2-Dichloroethane-d4	5.09	65	26073	4.48	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.60%
32) Benzene-d6	5.10	84	109718	4.60	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.00%
36) 1,2-Dichloropropane-d6	6.12	67	36238	4.62	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.40%
41) Toluene-d8	7.36	98	98332	4.55	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.00%
43) trans-1,3-Dichloropropene-	7.67	79	12229	3.76	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	75.20%
46) 2-Hexanone-d5	8.14	63	44354	38.86	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	77.72%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	20915	4.01	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	80.20%
64) 1,2-Dichlorobenzene-d4	11.68	152	28423	4.82	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.40%

Target Compounds

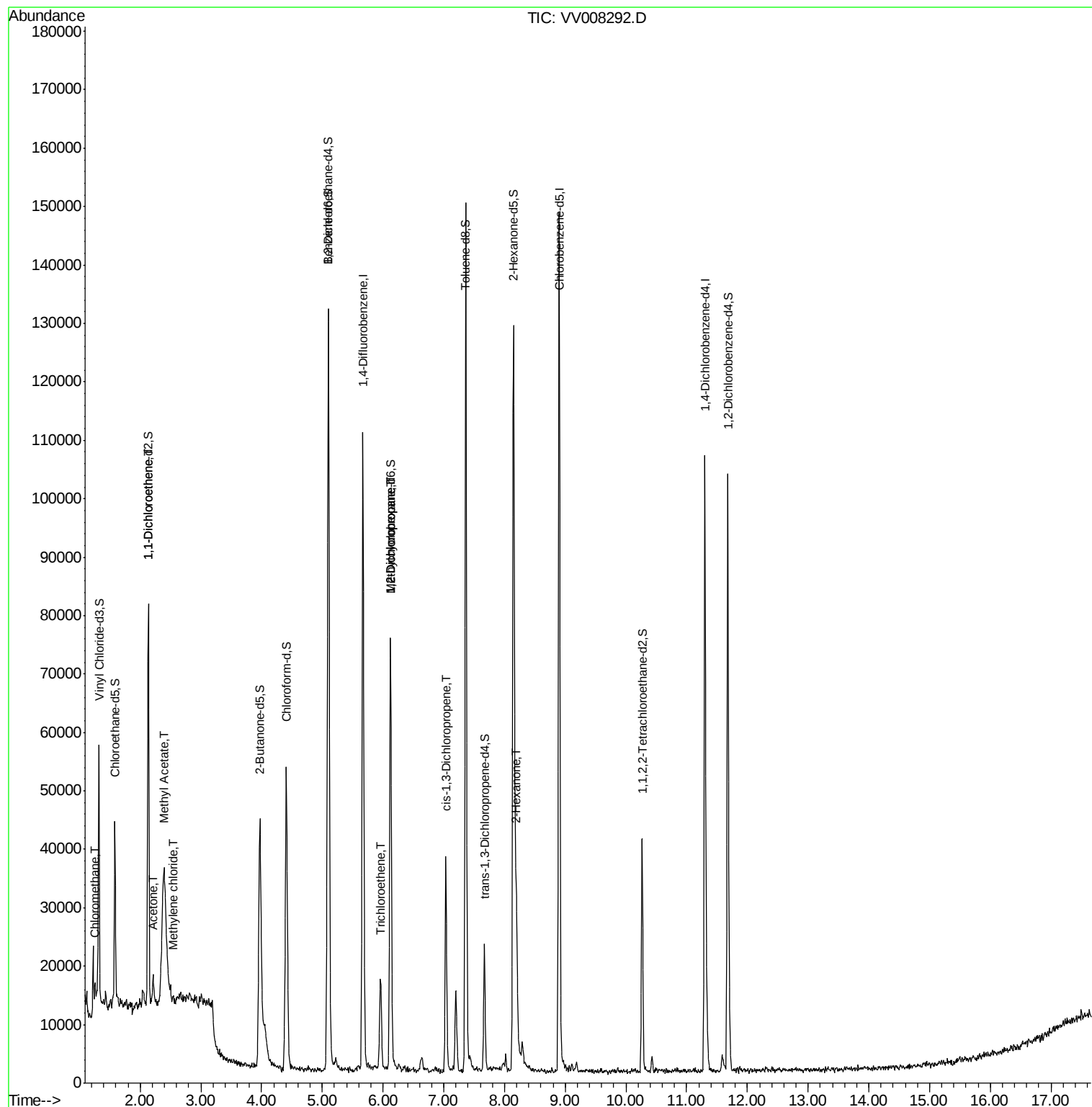
					Ovalue
3) Chloromethane	1.25	50	1914	0.268	ug/L 100
12) 1,1-Dichloroethene	2.14	96	740	0.170	ug/L # 1
13) Acetone	2.22	43	6428	6.897	ug/L 100
15) Methyl Acetate	2.39	43	12775	5.510	ug/L # 50
16) Methylene chloride	2.54	84	959	0.190	ug/L # 58
34) Trichloroethene	5.97	95	4009	0.529	ug/L 94
35) Methylcyclohexane	6.12	83	8228	0.644	ug/L # 18
37) 1,2-Dichloropropane	6.13	63	3706	0.502	ug/L # 90
39) cis-1,3-Dichloropropene	7.03	75	830	0.079	ug/L # 55
48) 2-Hexanone	8.20	43	19737	5.973	ug/L # 86

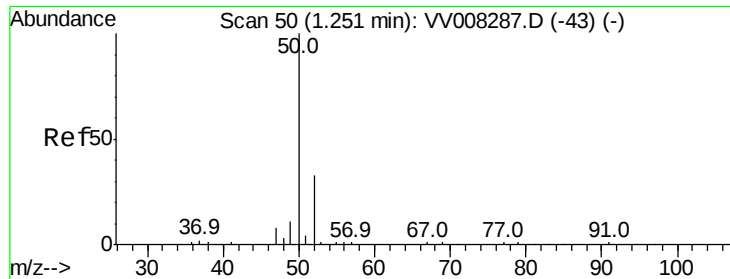
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.268 ug/L

RT: 1.25 min Scan# 51

Delta R.T. 0.00 min

Lab File: VV008292.D

Acq: 16 Oct 2018 12:06

Instrument :

MSVOA_V

ClientSampleId :

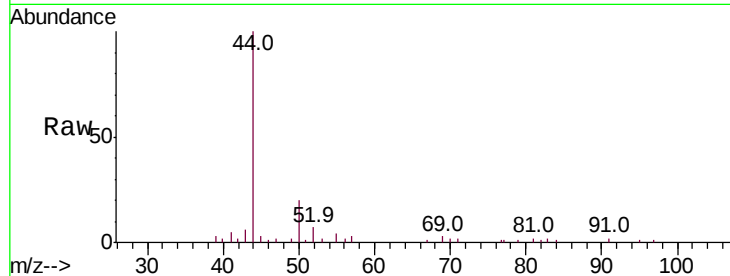
C0AH6

Tot Ion: 50 Resp: 1914

Ion Ratio Lower Upper

50 100

52 33.6 23.7 43.9



Abundance Ion 50.05 (49.75 to 50.75): VV008287.D (-43) (-)

Ion 52.05 (51.75 to 52.75): VV008287.D (-43) (-)

1.25

2000

1500

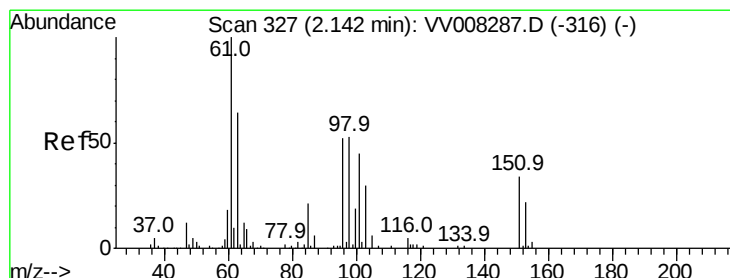
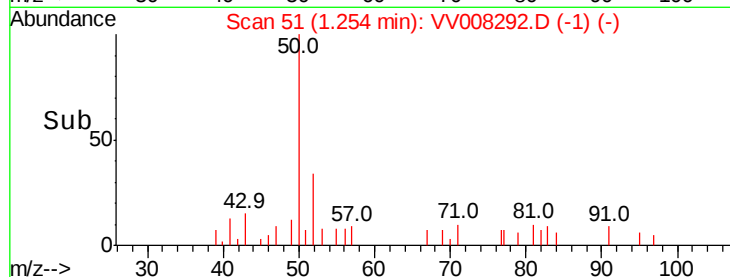
1000

500

0

1.22 1.24 1.26 1.28

Time-->



#12

1,1-Dichloroethene

Concen: 0.170 ug/L

RT: 2.14 min Scan# 326

Delta R.T. -0.00 min

Lab File: VV008292.D

Acq: 16 Oct 2018 12:06

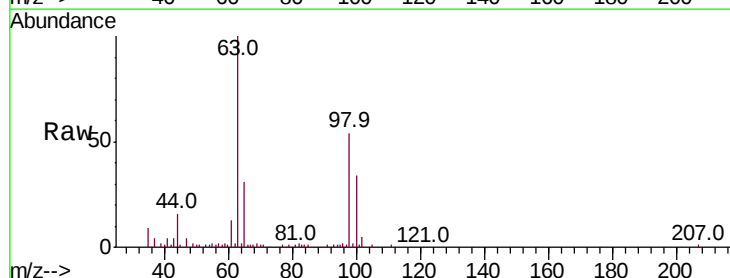
Tgt Ion: 96 Resp: 740

Ion Ratio Lower Upper

96 100

61 799.0 129.9 241.3#

63 6108.5 103.0 191.4#



Abundance Ion 96.00 (95.70 to 96.70): VV008287.D (-316) (-)

Ion 61.05 (60.75 to 61.75): VV008287.D (-316) (-)

Ion 63.00 (62.70 to 63.70): VV008287.D (-316) (-)

30000

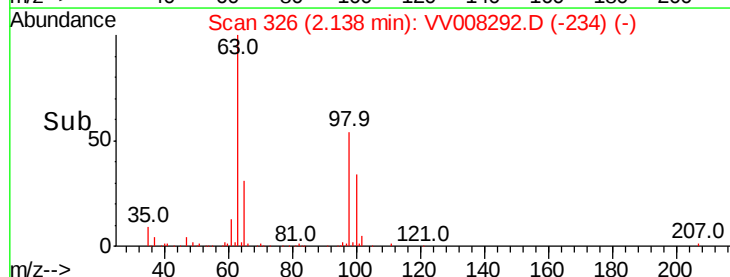
20000

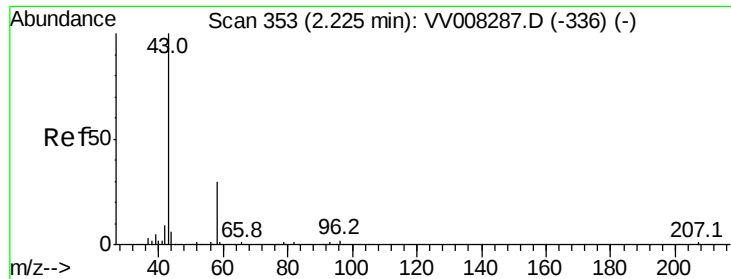
10000

0

2.10 2.12 2.14 2.16

Time-->





#13

Acetone

Concen: 6.897 ug/L

RT: 2.22 min Scan# 350

Delta R.T. -0.01 min

Lab File: VV008292.D

Acq: 16 Oct 2018 12:06

Instrument :

MSVOA_V

ClientSampleId :

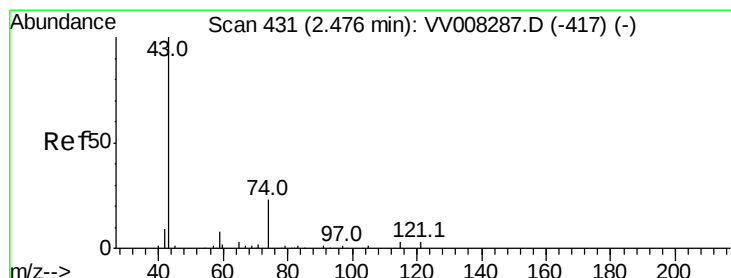
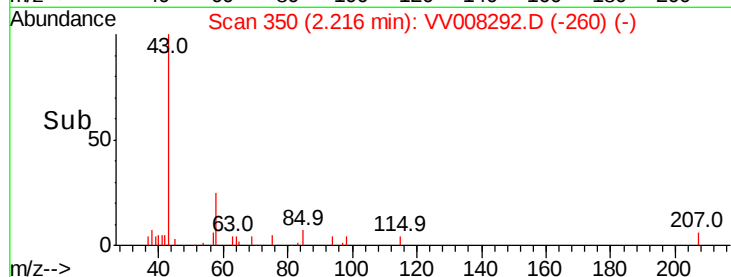
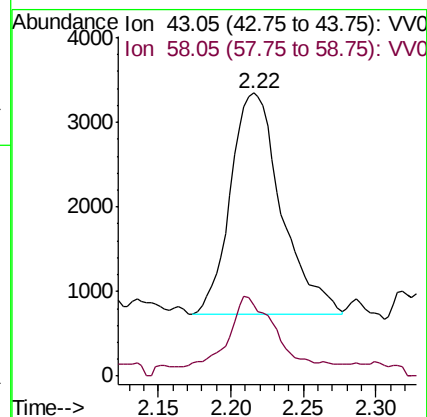
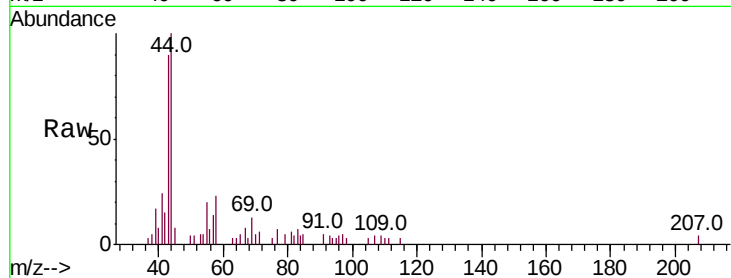
C0AH6

Tot Ion: 43 Resp: 6428

Ion Ratio Lower Upper

43 100

58 31.2 0.0 62.0



#15

Methyl Acetate

Concen: 5.510 ug/L

RT: 2.39 min Scan# 404

Delta R.T. -0.09 min

Lab File: VV008292.D

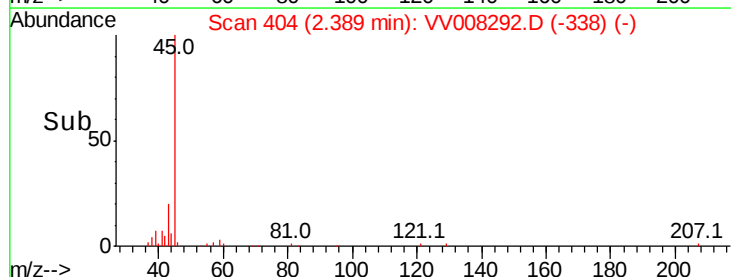
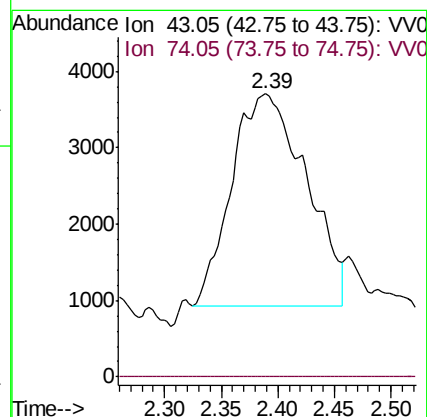
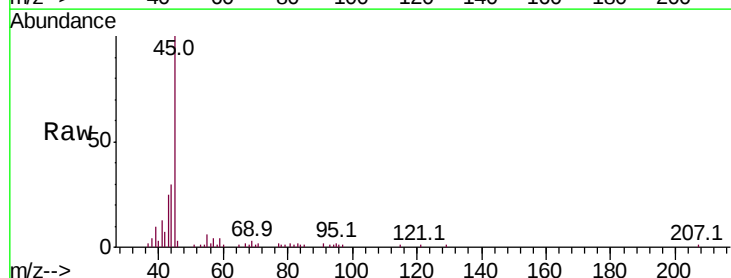
Acq: 16 Oct 2018 12:06

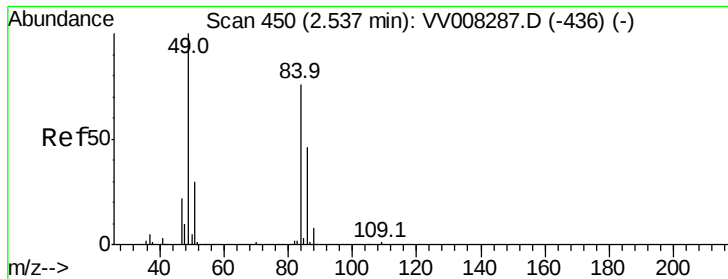
Tgt Ion: 43 Resp: 12775

Ion Ratio Lower Upper

43 100

74 0.0 20.0 30.0#

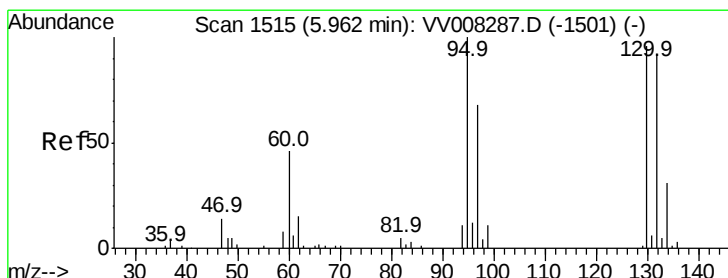
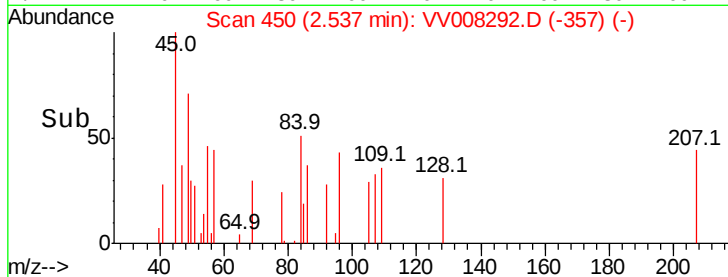
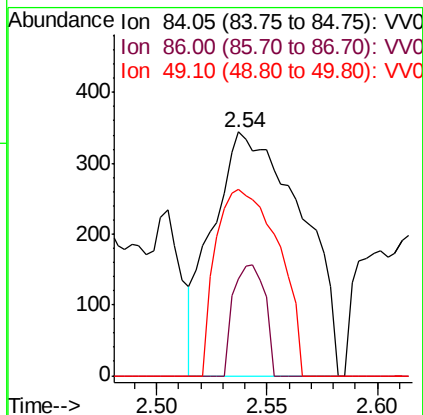
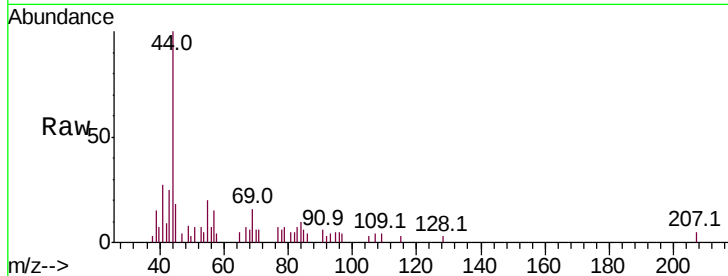




#16
Methvlene chloride
Concen: 0.190 ug/L
RT: 2.54 min Scan# 450
Delta R.T. -0.00 min
Lab File: VV008292.D
Acq: 16 Oct 2018 12:06

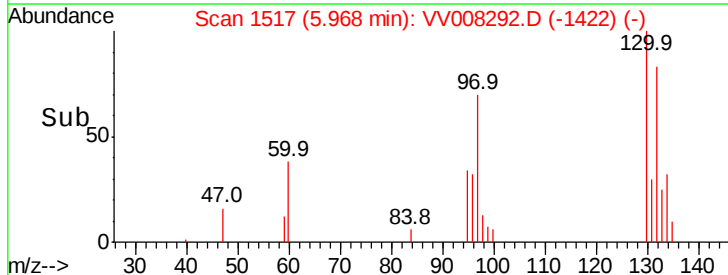
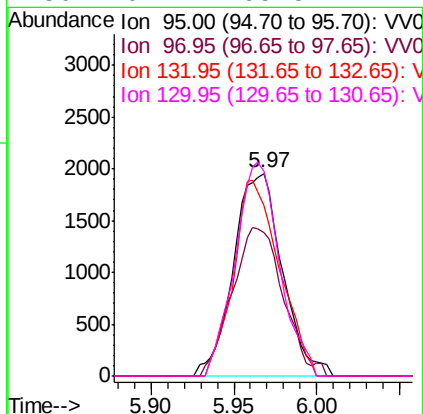
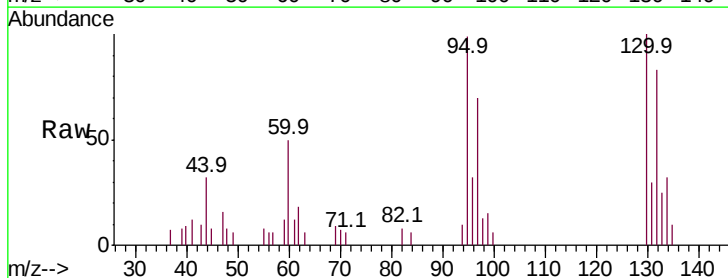
Instrument :
MSVOA_V
ClientSampleId :
C0AH6

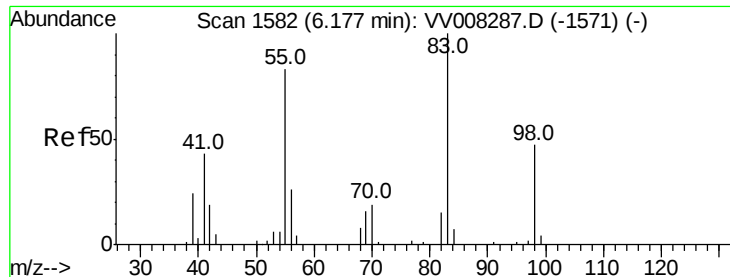
Tot Ion: 84 Resp: 959
Ion Ratio Lower Upper
84 100
86 39.5 45.0 83.6#
49 76.5 92.9 172.5#



#34
Trichloroethene
Concen: 0.529 ug/L
RT: 5.97 min Scan# 1517
Delta R.T. 0.01 min
Lab File: VV008292.D
Acq: 16 Oct 2018 12:06

Tgt Ion: 95 Resp: 4009
Ion Ratio Lower Upper
95 100
97 70.5 44.4 82.4
132 84.2 60.4 112.2
130 101.4 65.5 121.7





#35

Methylcyclohexane

Concen: 0.644 ug/L

RT: 6.12 min Scan# 1565

Delta R.T. -0.05 min

Lab File: VV008292.D

Acq: 16 Oct 2018 12:06

Instrument :

MSVOA_V

ClientSampleId :

C0AH6

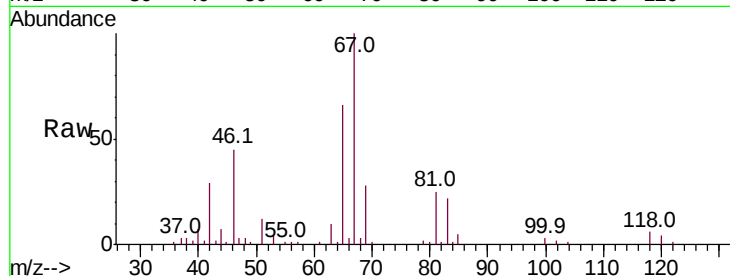
Tot Ion: 83 Resp: 8228

Ion Ratio Lower Upper

83 100

55 1.6 64.0 96.0#

98 0.0 37.0 55.4#



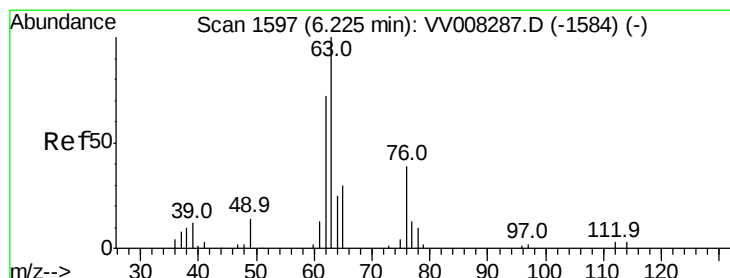
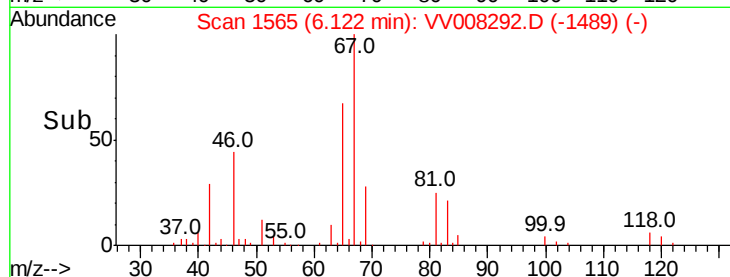
Abundance Ion 83.15 (82.85 to 83.85): VV008292.D (-1565) (-)

Ion 55.10 (54.80 to 55.80): VV008292.D (-1565) (-)

Ion 98.15 (97.85 to 98.85): VV008292.D (-1565) (-)

6.12

Time-->



#37

1,2-Dichloropropane

Concen: 0.502 ug/L

RT: 6.13 min Scan# 1566

Delta R.T. -0.10 min

Lab File: VV008292.D

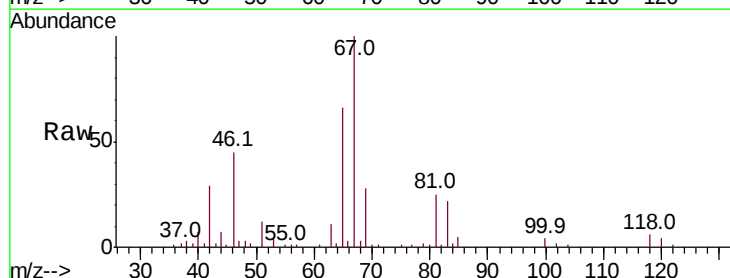
Acq: 16 Oct 2018 12:06

Tgt Ion: 63 Resp: 3706

Ion Ratio Lower Upper

63 100

112 0.0 2.6 3.8#

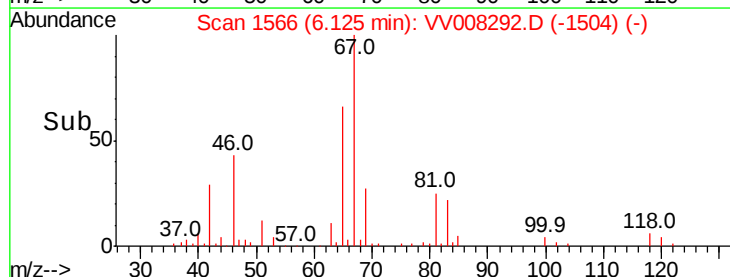


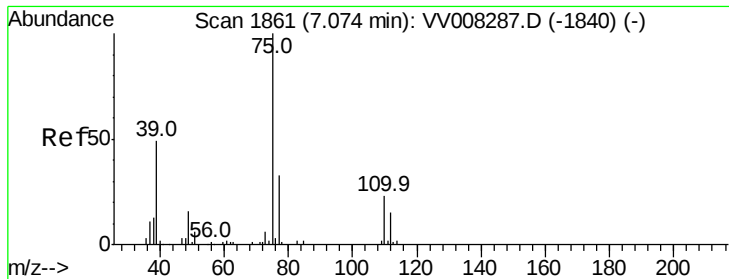
Abundance Ion 63.10 (62.80 to 63.80): VV008292.D (-1566) (-)

Ion 112.10 (111.80 to 112.80): VV008292.D (-1566) (-)

6.13

Time-->





#39

cis-1,3-Dichloropropene

Concen: 0.079 ug/L

RT: 7.03 min Scan# 1848

Delta R.T. -0.04 min

Lab File: VV008292.D

Acq: 16 Oct 2018 12:06

Instrument :

MSVOA_V

ClientSampleId :

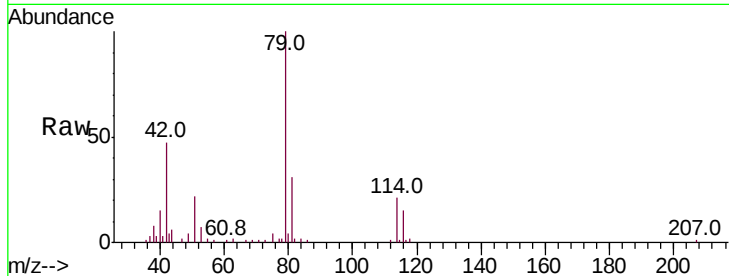
C0AH6

Tot Ion: 75 Resp: 830

Ion Ratio Lower Upper

75 100

77 56.6 22.3 41.3#



Abundance Ion 75.05 (74.75 to 75.75): VV0

Ion 77.05 (76.75 to 77.75): VV0

7.03

400

300

200

100

0

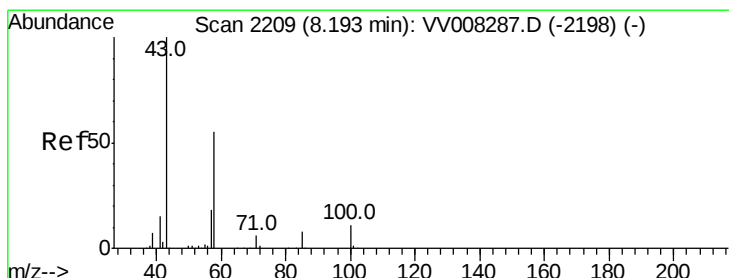
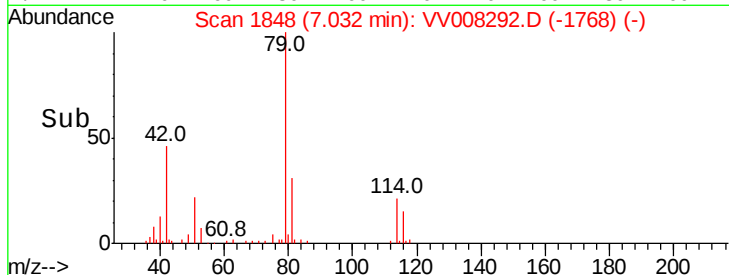
7.00

7.02

7.04

7.06

Time-->



#48

2-Hexanone

Concen: 5.973 ug/L

RT: 8.20 min Scan# 2210

Delta R.T. 0.00 min

Lab File: VV008292.D

Acq: 16 Oct 2018 12:06

Tgt Ion: 43 Resp: 19737

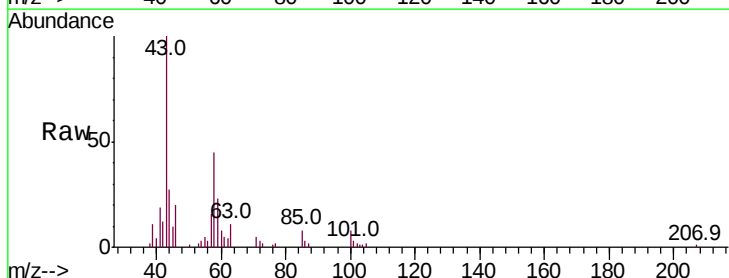
Ion Ratio Lower Upper

43 100

58 43.7 45.0 67.4#

57 15.1 14.4 21.6

100 6.7 7.9 11.9#



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

8.20

10000

5000

0

8.15

8.20

8.25

8.30

Time-->

