

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV101618\
 Data File : VV008311.D
 Acq On : 16 Oct 2018 22:26
 Operator : SY/MD
 Sample : J5407-01DL 10X
 Misc : 25.0 mL/MSVOA V/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 CWJS2DL

Quant Time: Oct 17 05:05:15 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR101518WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Oct 17 05:02:19 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	97168	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	86487	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	34347	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	24719	4.50	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.00%
7) Chloroethane-d5	1.58	69	20299	4.68	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.60%
11) 1,1-Dichloroethene-d2	2.13	63	36738	3.49	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.80%
20) 2-Butanone-d5	3.98	46	88284	47.93	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	95.86%
24) Chloroform-d	4.41	84	52386	4.27	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.40%
26) 1,2-Dichloroethane-d4	5.09	65	27945	4.49	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.80%
32) Benzene-d6	5.10	84	112394	4.42	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.40%
36) 1,2-Dichloropropane-d6	6.12	67	38265	4.58	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.60%
41) Toluene-d8	7.36	98	100108	4.35	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.00%
43) trans-1,3-Dichloropropene-	7.67	79	13580	3.92	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.40%
46) 2-Hexanone-d5	8.14	63	52181	42.92	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	85.84%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	22286	4.01	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	80.20%
64) 1,2-Dichlorobenzene-d4	11.68	152	29774	4.57	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.40%

Target Compounds

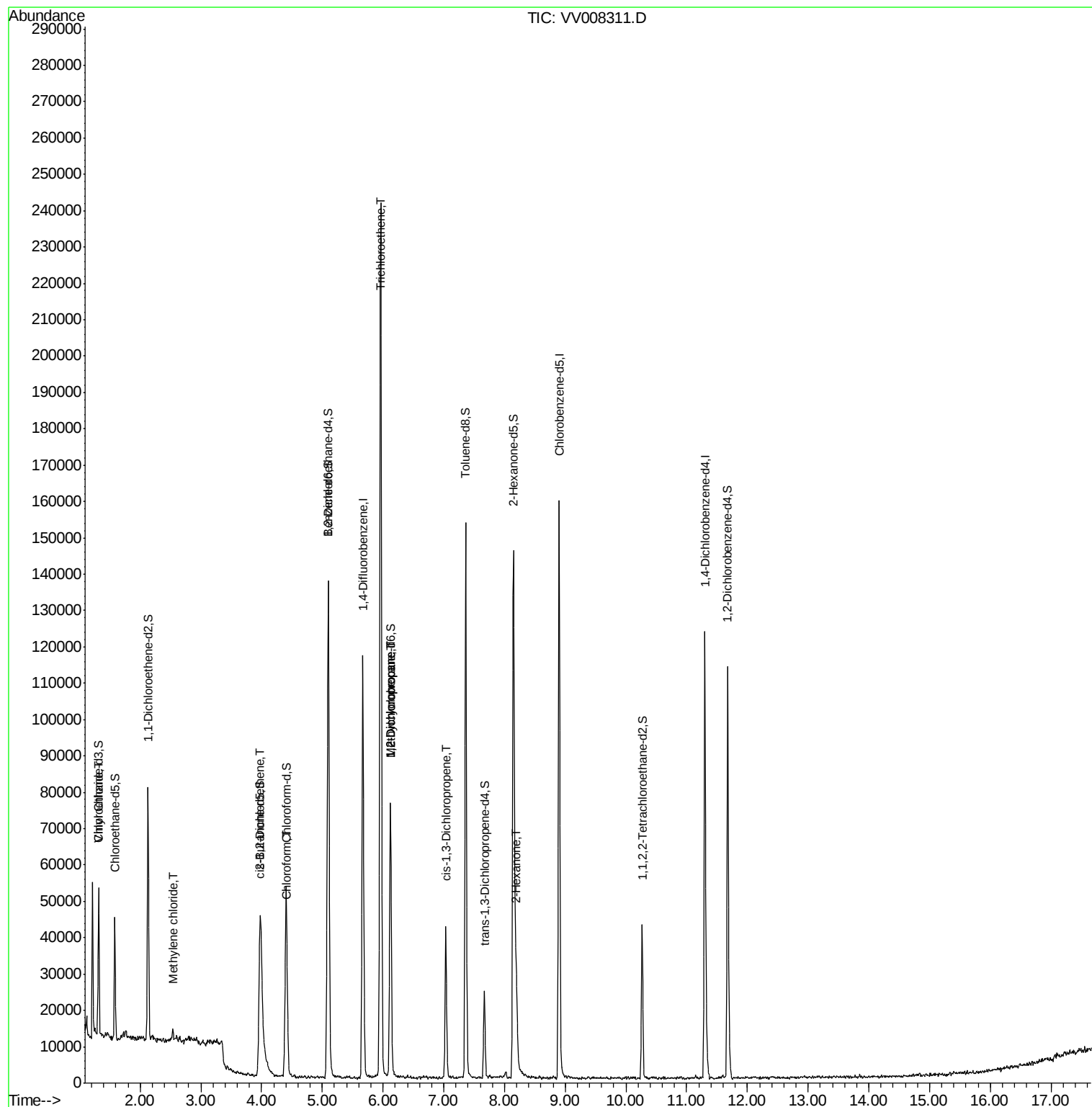
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
8) Chloroethane	1.32	64	427	0.114	ug/L #	1
16) Methylene chloride	2.54	84	1372	0.254	ug/L	80
22) cis-1,2-Dichloroethene	3.96	96	8798	1.085	ug/L #	99
25) Chloroform	4.43	83	1101	0.087	ug/L #	66
34) Trichloroethene	5.96	95	83211	10.303	ug/L	97
35) Methylcyclohexane	6.12	83	8452	0.621	ug/L #	18
37) 1,2-Dichloropropane	6.12	63	3588	0.456	ug/L #	90
39) cis-1,3-Dichloropropene	7.04	75	988	0.088	ug/L #	68
48) 2-Hexanone	8.20	43	17508	4.974	ug/L #	92

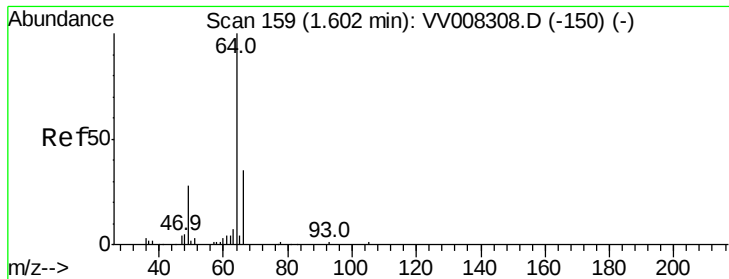
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Oct 17 05:02:19 2018
Response via : Initial Calibration





#8

Chloroethane

Concen: 0.114 ug/L

RT: 1.32 min Scan# 71

Delta R.T. -0.28 min

Lab File: VV008311.D

Acq: 16 Oct 2018 22:26

Instrument :

MSVOA_V

ClientSampleId :

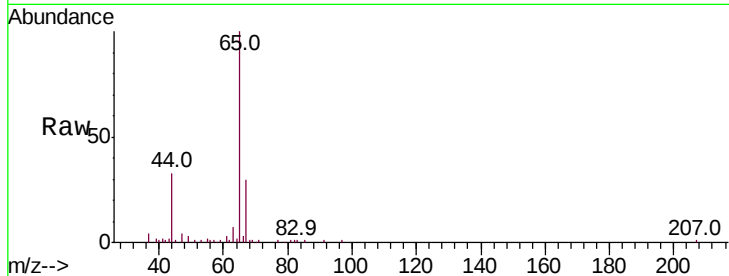
CWJS2DL

Tot Ion: 64 Resp: 427

Ion Ratio Lower Upper

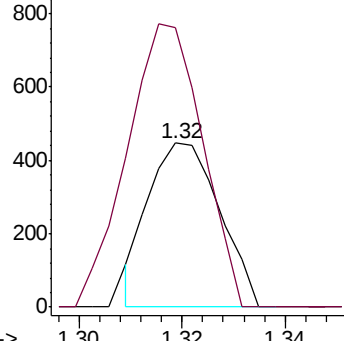
64 100

66 170.1 22.5 41.9#

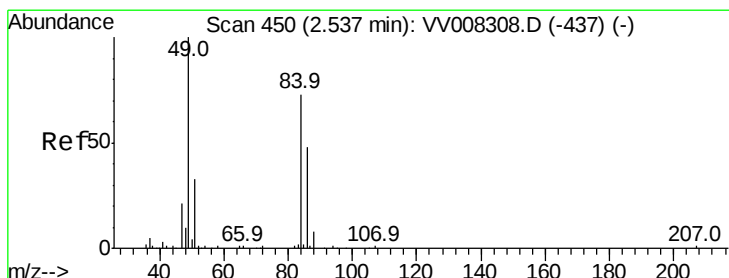
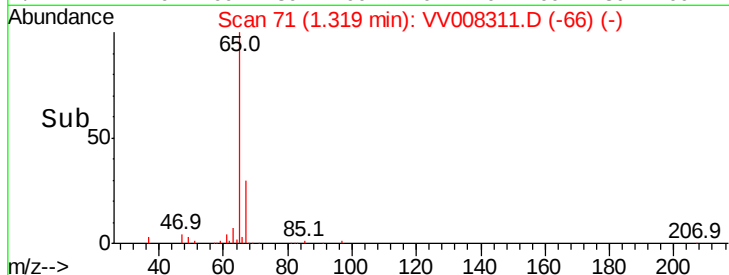


Abundance Ion 64.10 (63.80 to 64.80): VV0

Ion 66.05 (65.75 to 66.75): VV0



Time-->



#16

Methylene chloride

Concen: 0.254 ug/L

RT: 2.54 min Scan# 451

Delta R.T. 0.00 min

Lab File: VV008311.D

Acq: 16 Oct 2018 22:26

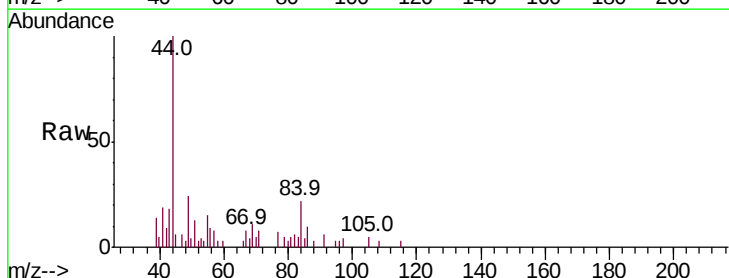
Tgt Ion: 84 Resp: 1372

Ion Ratio Lower Upper

84 100

86 46.7 45.0 83.6

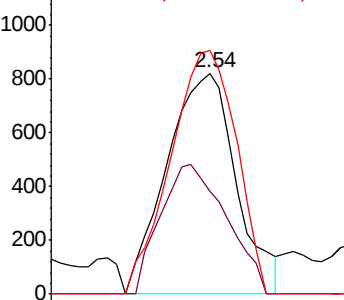
49 110.4 92.9 172.5



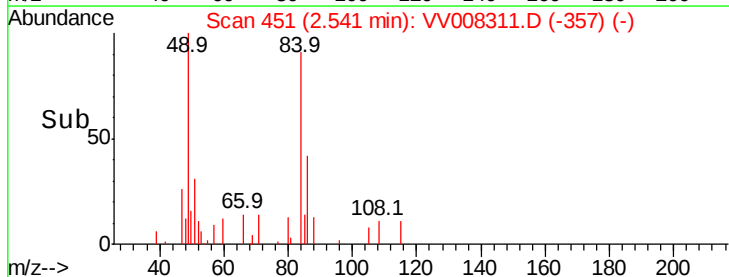
Abundance Ion 84.05 (83.75 to 84.75): VV0

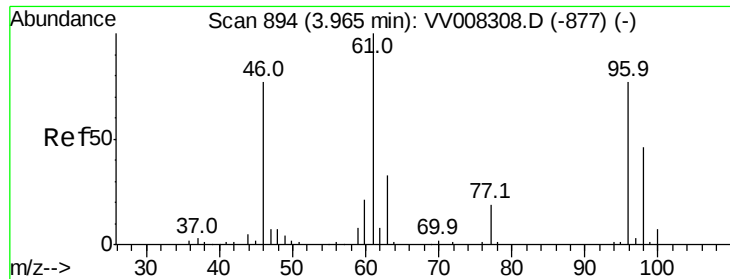
Ion 86.00 (85.70 to 86.70): VV0

Ion 49.10 (48.80 to 49.80): VV0



Time-->



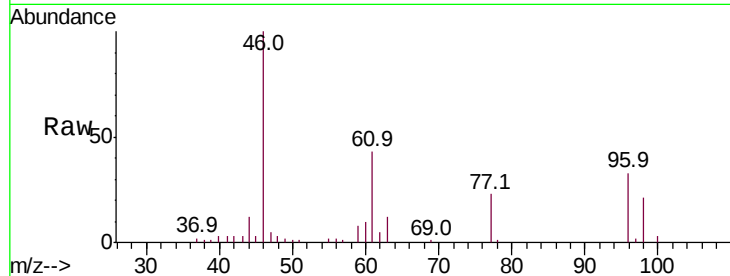


#22

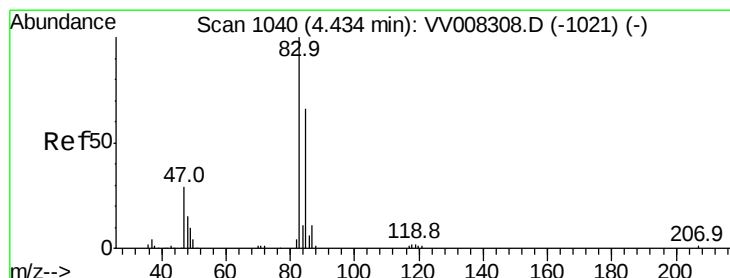
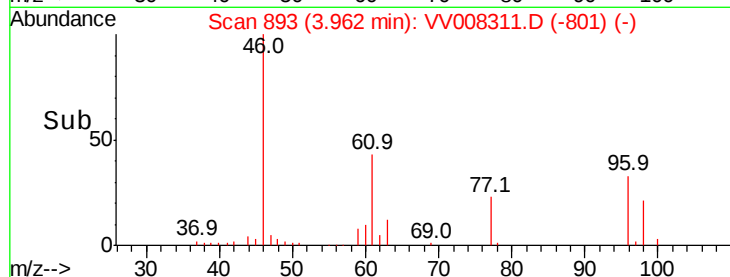
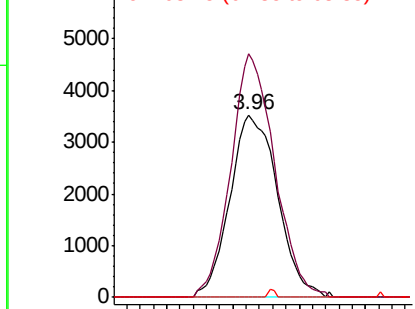
cis-1,2-Dichloroethene
 Concen: 1.085 ug/L
 RT: 3.96 min Scan# 893
 Delta R.T. -0.00 min
 Lab File: VV008311.D
 Acq: 16 Oct 2018 22:26

Instrument :
 MSVOA_V
 ClientSampleId :
 CWJS2DL

Tot Ion: 96 Resp: 8798
 Ion Ratio Lower Upper
 96 100
 61 133.3 93.7 174.1
 68 0.0 0.6 1.2#



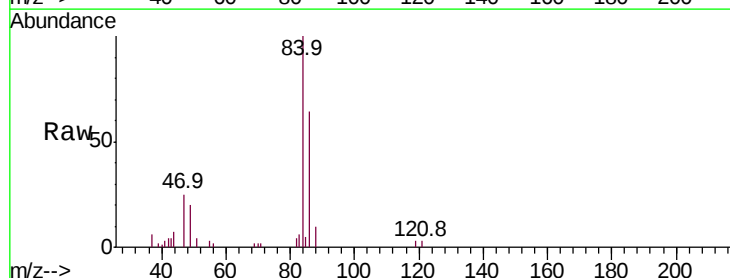
Abundance Ion 96.00 (95.70 to 96.70): VV0
 Ion 61.05 (60.75 to 61.75): VV0
 Ion 68.15 (67.85 to 68.85): VV0



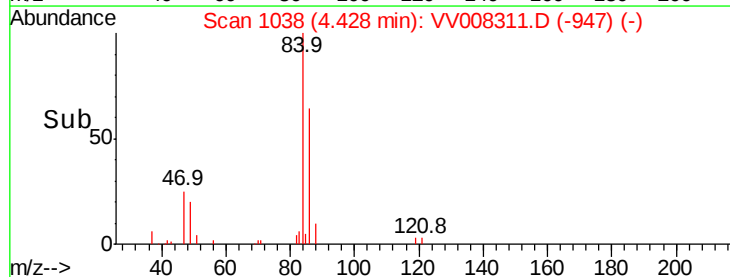
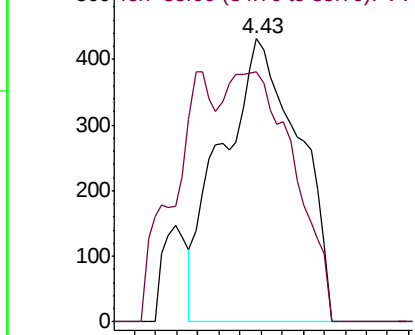
#25

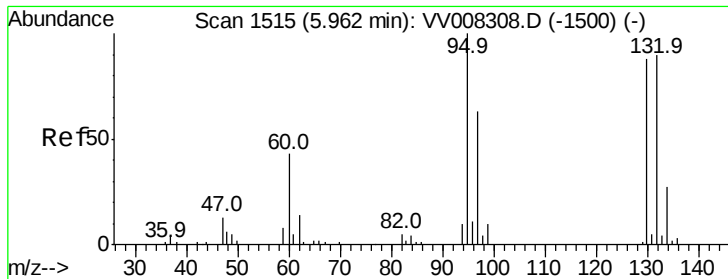
Chloroform
 Concen: 0.087 ug/L
 RT: 4.43 min Scan# 1038
 Delta R.T. -0.01 min
 Lab File: VV008311.D
 Acq: 16 Oct 2018 22:26

Tgt Ion: 83 Resp: 1101
 Ion Ratio Lower Upper
 83 100
 85 88.2 43.4 80.6#



Abundance Ion 83.05 (82.75 to 83.75): VV0
 Ion 85.00 (84.70 to 85.70): VV0

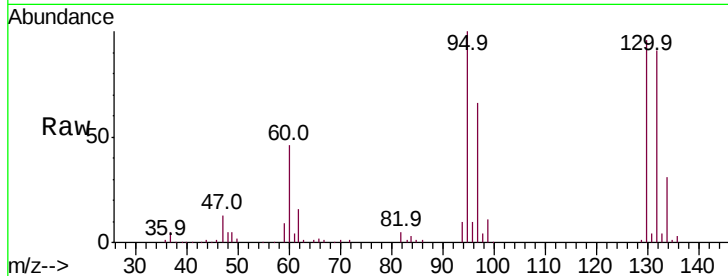




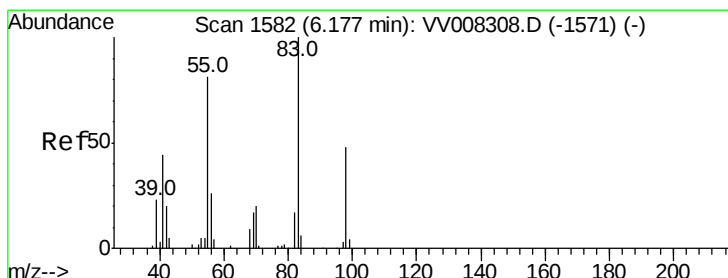
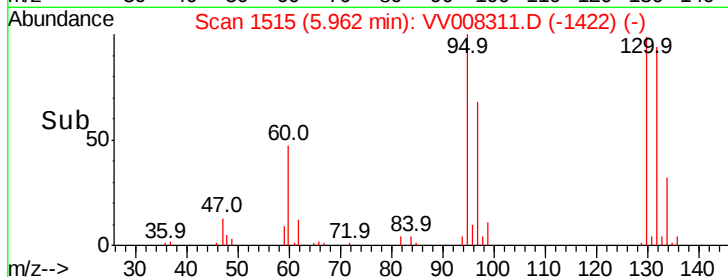
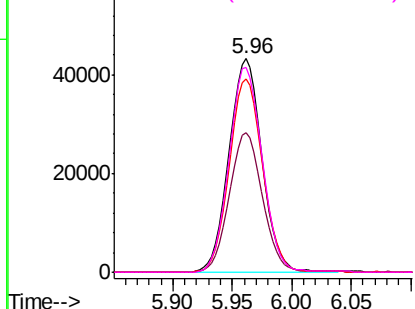
#34
 Trichloroethene
 Concen: 10.303 ug/L
 RT: 5.96 min Scan# 1515
 Delta R.T. 0.00 min
 Lab File: VV008311.D
 Acq: 16 Oct 2018 22:26

Instrument :
 MSVOA_V
 ClientSampleId :
 CWJS2DL

Tot Ion: 95 Resp: 83211
 Ion Ratio Lower Upper
 95 100
 97 65.5 44.4 82.4
 132 90.7 60.4 112.2
 130 96.1 65.5 121.7

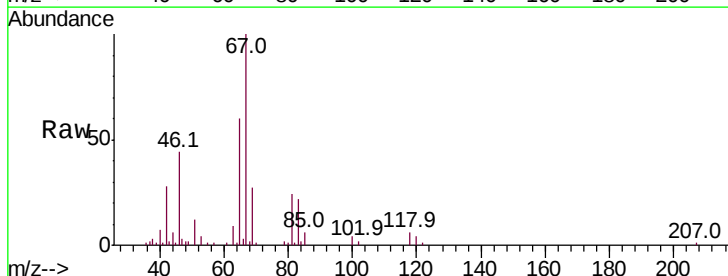


Abundance Ion 95.00 (94.70 to 95.70): VV0
 Ion 96.95 (96.65 to 97.65): VV0
 Ion 131.95 (131.65 to 132.65): VV0
 Ion 129.95 (129.65 to 130.65): VV0

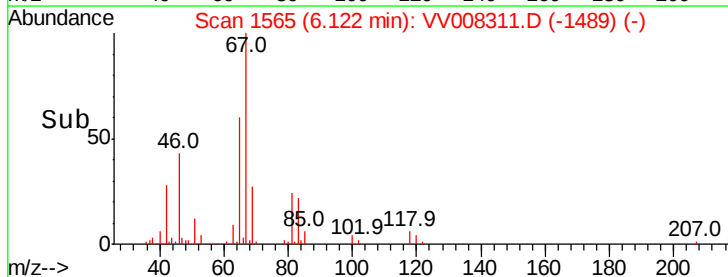
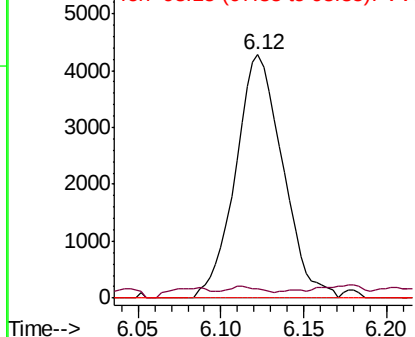


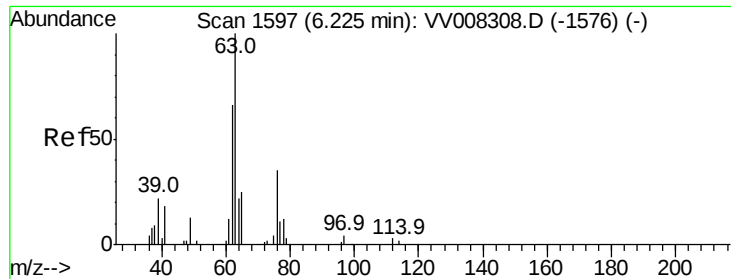
#35
 Methylcyclohexane
 Concen: 0.621 ug/L
 RT: 6.12 min Scan# 1565
 Delta R.T. -0.05 min
 Lab File: VV008311.D
 Acq: 16 Oct 2018 22:26

Tgt Ion: 83 Resp: 8452
 Ion Ratio Lower Upper
 83 100
 55 1.4 64.0 96.0#
 98 0.0 37.0 55.4#



Abundance Ion 83.15 (82.85 to 83.85): VV0
 Ion 55.10 (54.80 to 55.80): VV0
 Ion 98.15 (97.85 to 98.85): VV0





#37

1,2-Dichloropropane

Concen: 0.456 ug/L

RT: 6.12 min Scan# 1564

Delta R.T. -0.11 min

Lab File: VV008311.D

Acq: 16 Oct 2018 22:26

Instrument :

MSVOA_V

ClientSampleId :

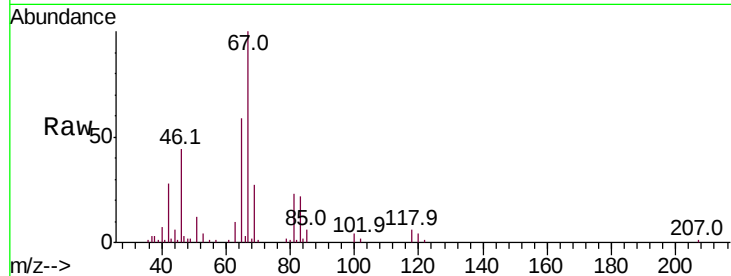
CWJS2DL

Tot Ion: 63 Resp: 3588

Ion Ratio Lower Upper

63 100

112 0.0 2.6 3.8#



Abundance Ion 63.10 (62.80 to 63.80): VV008311.D (-1504) (-)

Ion 112.10 (111.80 to 112.80): VV008311.D (-1504) (-)

6.12

2000

1500

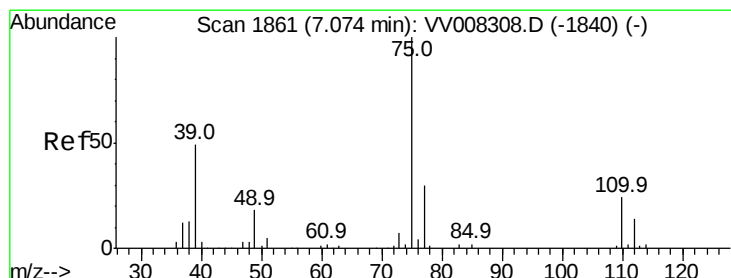
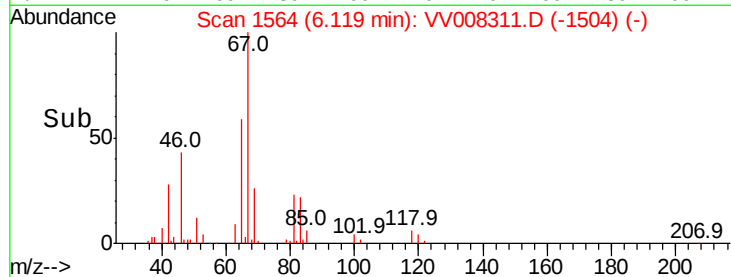
1000

500

0

6.05 6.10 6.15

Time-->



#39

cis-1,3-Dichloropropene

Concen: 0.088 ug/L

RT: 7.04 min Scan# 1849

Delta R.T. -0.04 min

Lab File: VV008311.D

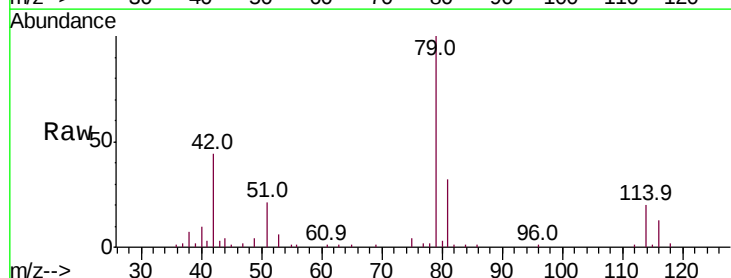
Acq: 16 Oct 2018 22:26

Tgt Ion: 75 Resp: 988

Ion Ratio Lower Upper

75 100

77 49.5 22.3 41.3#



Abundance Ion 75.05 (74.75 to 75.75): VV008311.D (-1768) (-)

Ion 77.05 (76.75 to 77.75): VV008311.D (-1768) (-)

7.04

600

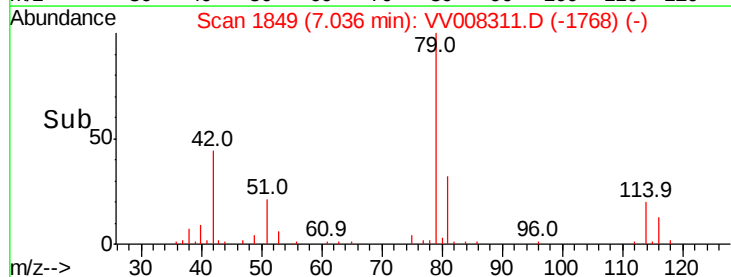
400

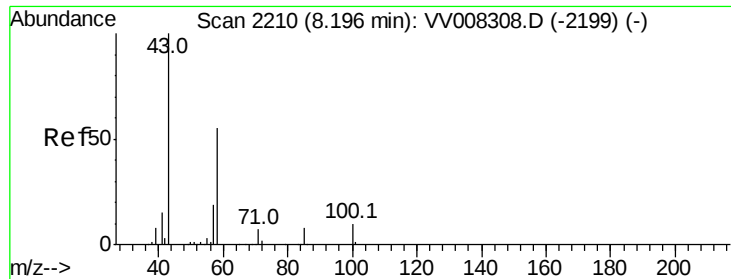
200

0

7.00 7.05

Time-->





#48
 2-Hexanone
 Concen: 4.974 ug/L
 RT: 8.20 min Scan# 2210
 Delta R.T. 0.00 min
 Lab File: VV008311.D
 Acq: 16 Oct 2018 22:26

Instrument :
 MSVOA_V
 ClientSampleId :
 CWJS2DL

Tot Ion: 43 Resp: 17508
 Ion Ratio Lower Upper
 43 100
 58 49.1 45.0 67.4
 57 19.9 14.4 21.6
 100 7.4 7.9 11.9#

