

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV101518\
 Data File : VV008286.D
 Acq On : 15 Oct 2018 20:37
 Operator : SY/MD
 Sample : VV1015WBL02
 Misc : 25.0 mL/MSVOA V/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 16 07:43:15 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR101518WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Oct 16 05:17:07 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	69010	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	62505	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	24395	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	18964	4.86	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	97.20%
7) Chloroethane-d5	1.59	69	13998	4.55	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.00%
11) 1,1-Dichloroethene-d2	2.13	63	26854	3.59	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.80%
20) 2-Butanone-d5	3.98	46	64262	49.13	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.26%
24) Chloroform-d	4.41	84	38833	4.45	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.00%
26) 1,2-Dichloroethane-d4	5.09	65	20140	4.56	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.20%
32) Benzene-d6	5.10	84	84953	4.63	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.60%
36) 1,2-Dichloropropane-d6	6.12	67	28999	4.80	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.00%
41) Toluene-d8	7.36	98	75474	4.54	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.80%
43) trans-1,3-Dichloropropene-	7.67	79	10553	4.21	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.20%
46) 2-Hexanone-d5	8.14	63	37951	43.19	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	86.38%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	17630	4.39	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	87.80%
64) 1,2-Dichlorobenzene-d4	11.68	152	22202	4.79	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.80%

Target Compounds

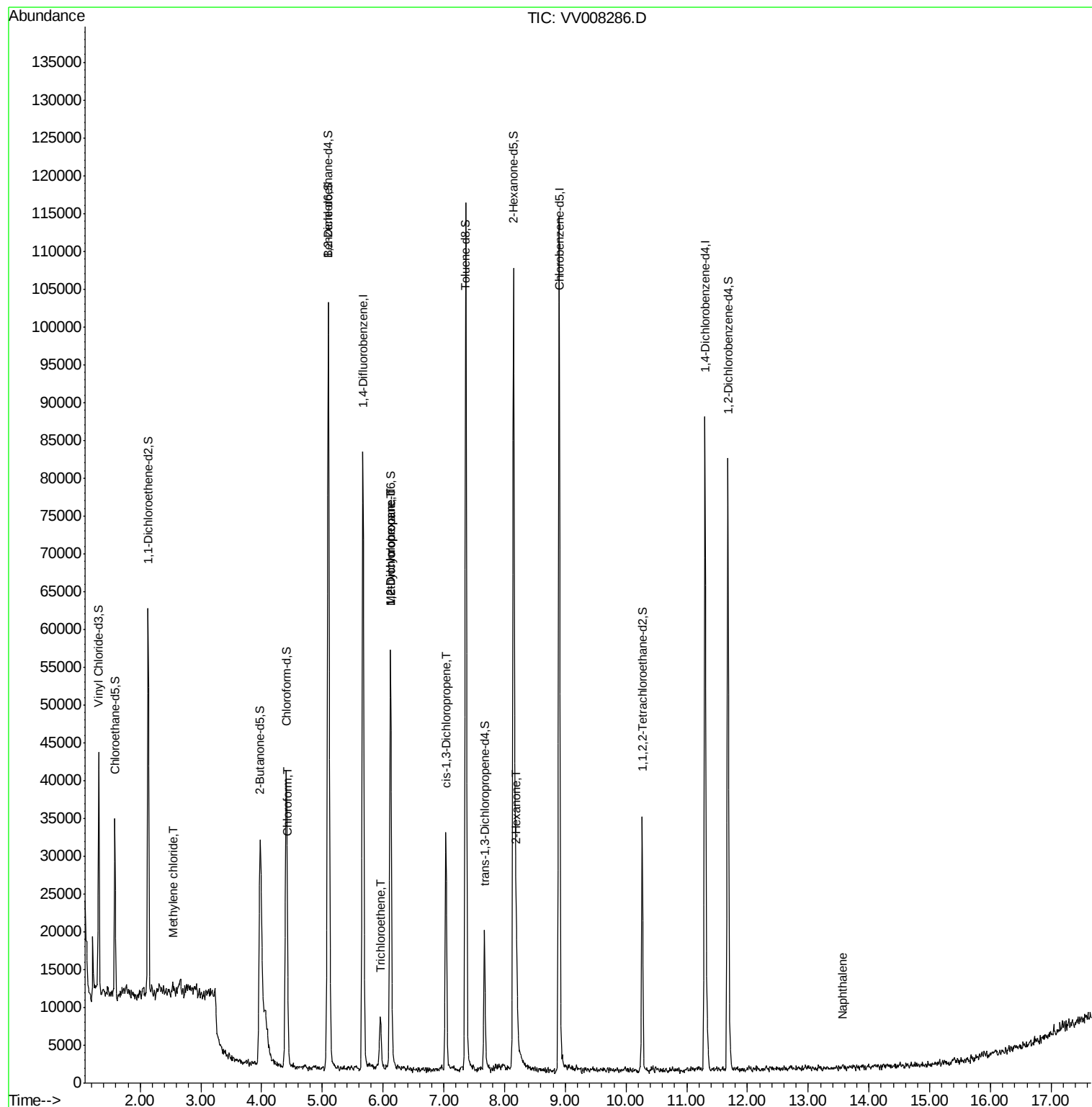
					Ovalue
16) Methylene chloride	2.53	84	445	0.116 ug/L #	60
25) Chloroform	4.43	83	858	0.095 ug/L	78
34) Trichloroethene	5.96	95	1464	0.251 ug/L	93
35) Methylcyclohexane	6.13	83	6387	0.649 ug/L #	18
37) 1,2-Dichloropropane	6.12	63	2920	0.514 ug/L #	90
39) cis-1,3-Dichloropropene	7.03	75	754	0.093 ug/L #	64
48) 2-Hexanone	8.20	43	11109	4.367 ug/L #	89
69) Naphthalene	13.57	128	614	0.087 ug/L #	70

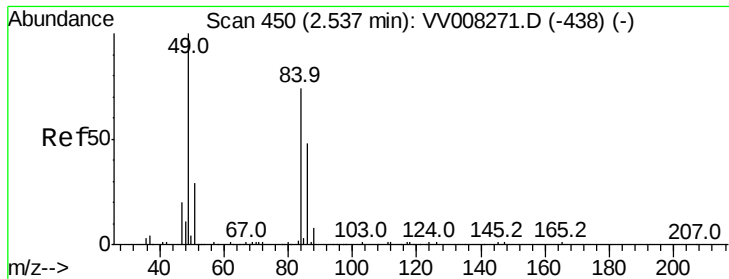
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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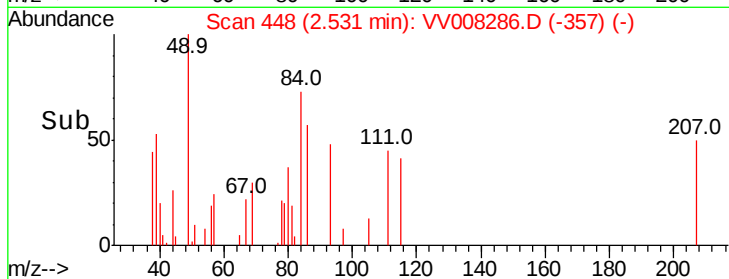
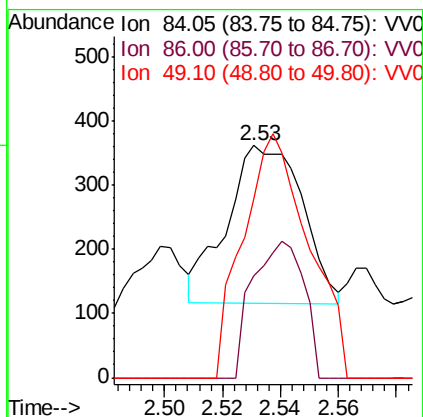
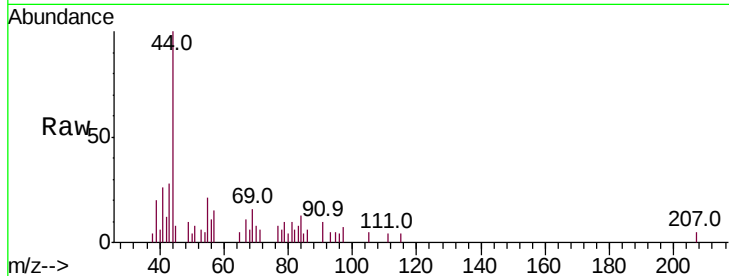




#16
Methylene chloride
Concen: 0.116 ug/L
RT: 2.53 min Scan# 448
Delta R.T. -0.01 min
Lab File: VV008286.D
Acq: 15 Oct 2018 20:37

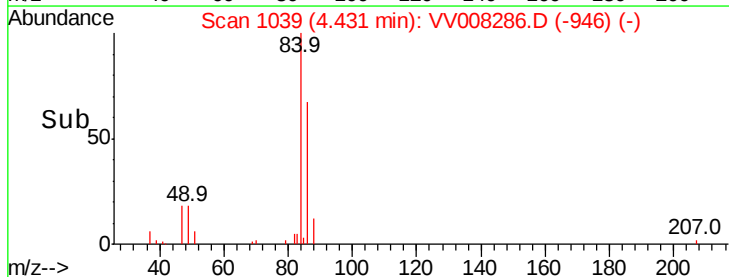
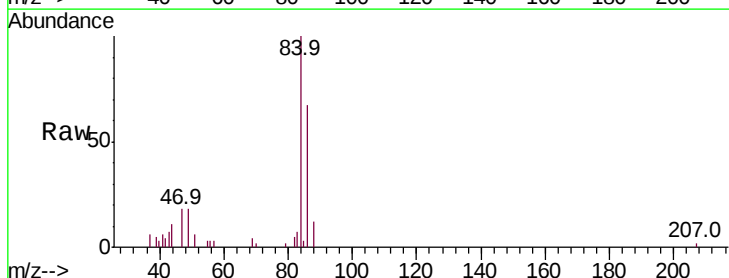
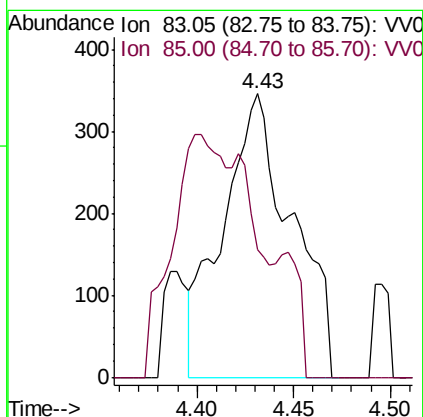
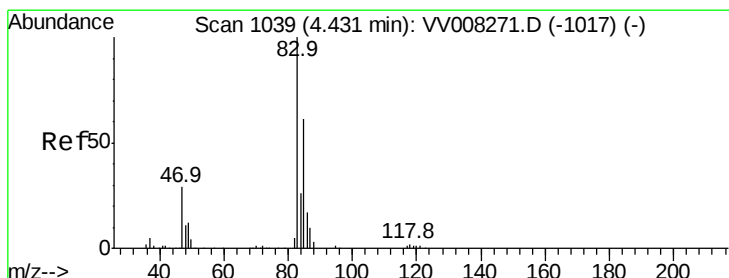
Instrument :
MSVOA_V
ClientSampled :

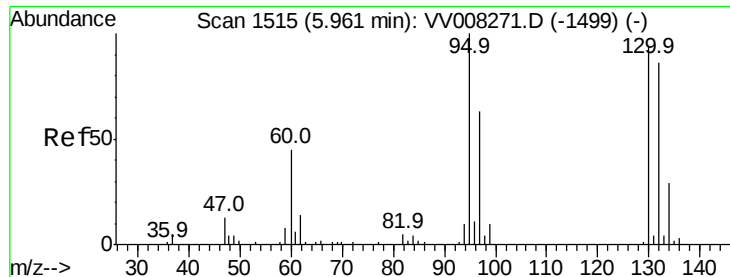
Tot Ion: 84 Resp: 445
Ion Ratio Lower Upper
84 100
86 43.8 45.0 83.6#
49 77.0 92.9 172.5#



#25
Chloroform
Concen: 0.095 ug/L
RT: 4.43 min Scan# 1039
Delta R.T. 0.00 min
Lab File: VV008286.D
Acq: 15 Oct 2018 20:37

Tgt Ion: 83 Resp: 858
Ion Ratio Lower Upper
83 100
85 44.8 43.4 80.6

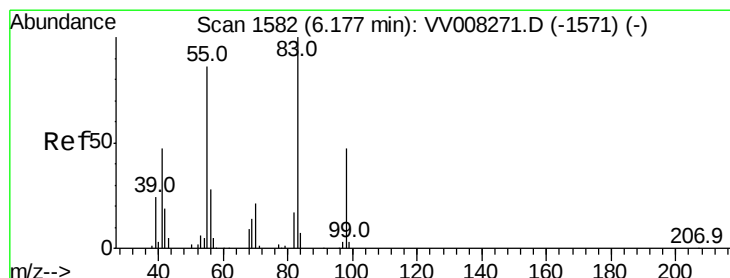
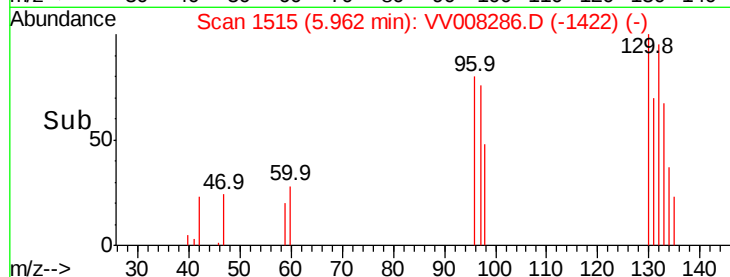
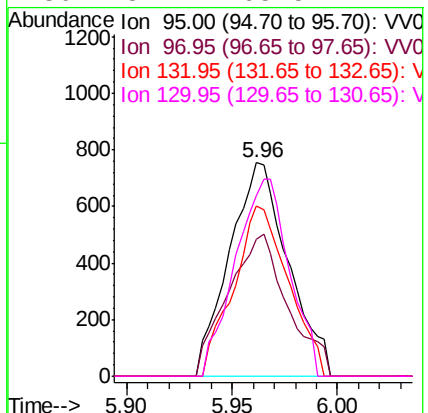
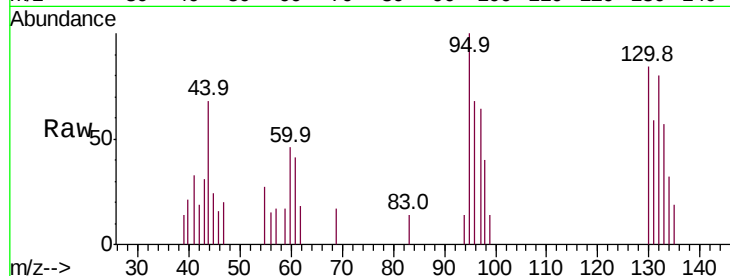




#34
 Trichloroethene
 Concen: 0.251 ug/L
 RT: 5.96 min Scan# 1515
 Delta R.T. 0.00 min
 Lab File: VV008286.D
 Acq: 15 Oct 2018 20:37

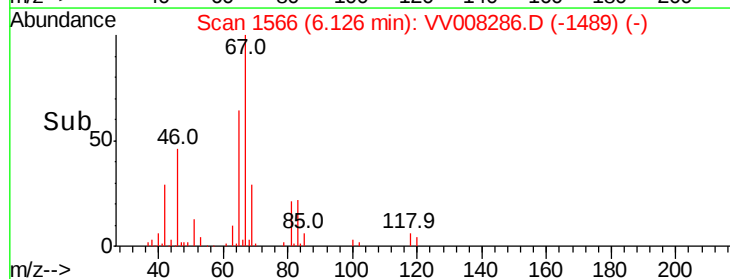
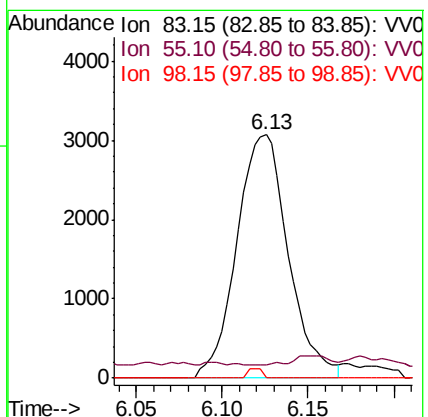
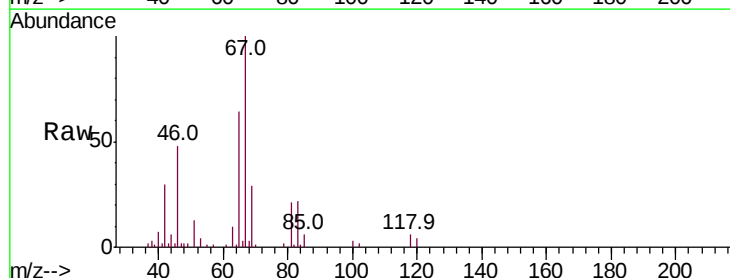
Instrument :
 MSVOA_V
 ClientSampled :

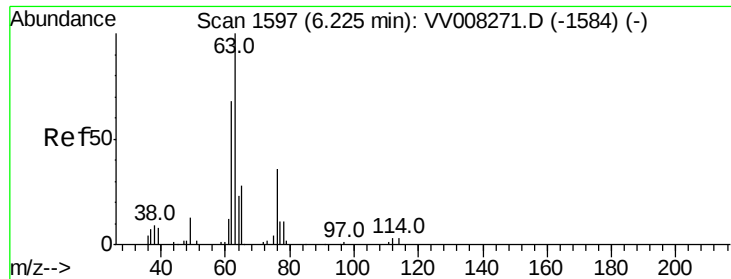
Tot Ion: 95 Resp: 1464
 Ion Ratio Lower Upper
 95 100
 97 64.4 44.4 82.4
 132 79.7 60.4 112.2
 130 84.4 65.5 121.7



#35
 Methylcyclohexane
 Concen: 0.649 ug/L
 RT: 6.13 min Scan# 1566
 Delta R.T. -0.05 min
 Lab File: VV008286.D
 Acq: 15 Oct 2018 20:37

Tgt Ion: 83 Resp: 6387
 Ion Ratio Lower Upper
 83 100
 55 0.3 64.0 96.0#
 98 1.1 37.0 55.4#





#37

1,2-Dichloropropane

Concen: 0.514 ug/L

RT: 6.12 min Scan# 1564

Delta R.T. -0.11 min

Lab File: VV008286.D

Acq: 15 Oct 2018 20:37

Instrument :

MSVOA_V

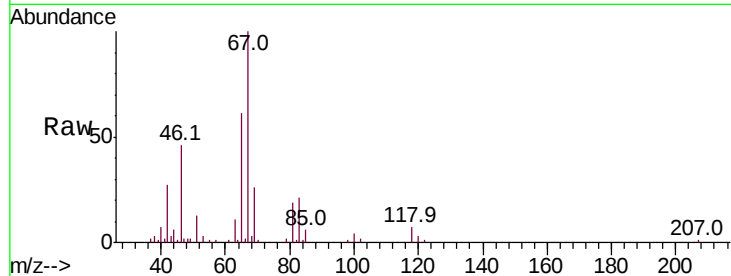
ClientSampleId :

Tot Ion: 63 Resp: 2920

Ion Ratio Lower Upper

63 100

112 0.0 2.6 3.8#



Abundance Ion 63.10 (62.80 to 63.80): VV008271.D (-1584) (-)

Ion 112.10 (111.80 to 112.80): VV008271.D (-1584) (-)

6.12

1500

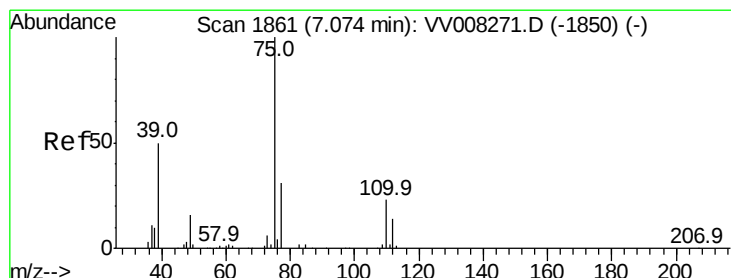
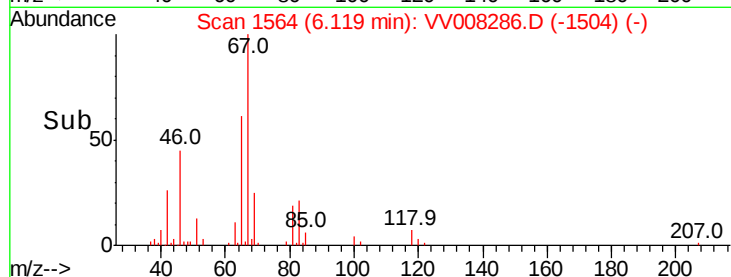
1000

500

0

6.10 6.15

Time-->



#39

cis-1,3-Dichloropropene

Concen: 0.093 ug/L

RT: 7.03 min Scan# 1848

Delta R.T. -0.04 min

Lab File: VV008286.D

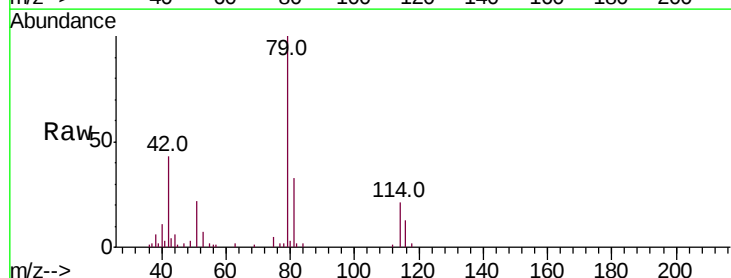
Acq: 15 Oct 2018 20:37

Tgt Ion: 75 Resp: 754

Ion Ratio Lower Upper

75 100

77 51.8 22.3 41.3#



Abundance Ion 75.05 (74.75 to 75.75): VV008271.D (-1850) (-)

Ion 77.05 (76.75 to 77.75): VV008271.D (-1850) (-)

7.03

500

400

300

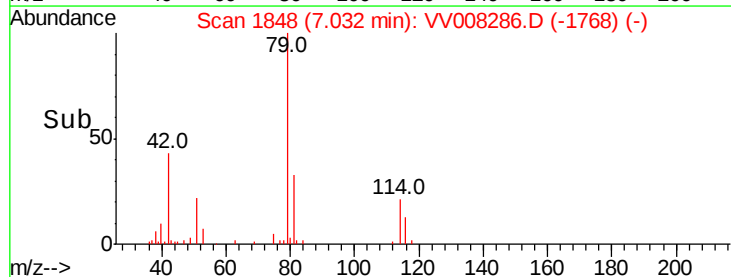
200

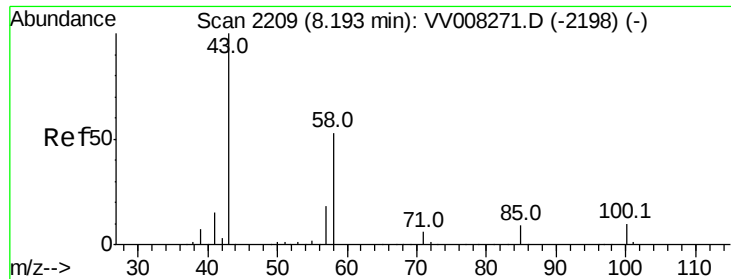
100

0

7.00 7.05

Time-->

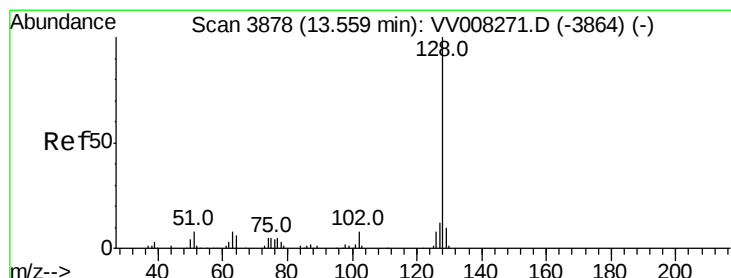
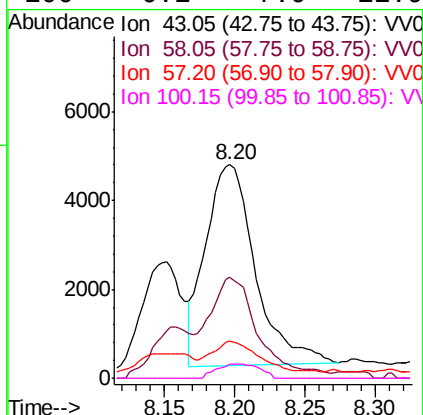
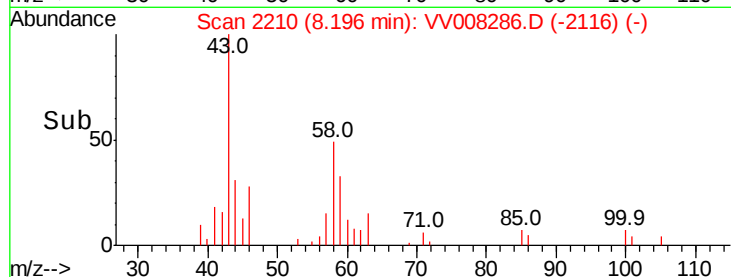
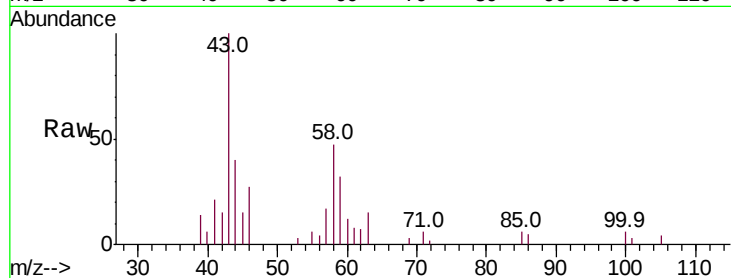




#48
2-Hexanone
Concen: 4.367 ug/L
RT: 8.20 min Scan# 2210
Delta R.T. 0.00 min
Lab File: VV008286.D
Acq: 15 Oct 2018 20:37

Instrument :
MSVOA_V
ClientSampled :

Tot Ion: 43 Resp: 11109
Ion Ratio Lower Upper
43 100
58 46.3 45.0 67.4
57 17.0 14.4 21.6
100 6.1 7.9 11.9#



#69
Naphthalene
Concen: 0.087 ug/L
RT: 13.57 min Scan# 3880
Delta R.T. 0.01 min
Lab File: VV008286.D
Acq: 15 Oct 2018 20:37

Tgt Ion: 128 Resp: 614
Ion Ratio Lower Upper
128 100
129 0.0 8.6 12.8#
127 0.0 10.1 15.1#

