

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV080218\
 Data File : VV006833.D
 Acq On : 03 Aug 2018 03:32
 Operator : SY/MD
 Sample : J4227-01
 Misc : 25 mL/MSVOA V/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 03 04:23:20 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR080218WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Aug 03 04:21:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	235038	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	213976	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	80436	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	79994	4.91	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	98.20%
7) Chloroethane-d5	1.58	69	72005	5.09	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.80%
11) 1,1-Dichloroethene-d2	2.13	63	111446	3.69	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.80%
20) 2-Butanone-d5	3.96	46	244099	61.83	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	123.66%
24) Chloroform-d	4.41	84	143111	5.02	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.40%
26) 1,2-Dichloroethane-d4	5.09	65	77298	5.38	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.60%
32) Benzene-d6	5.10	84	284085	4.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.40%
36) 1,2-Dichloropropane-d6	6.12	67	95180	4.99	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.80%
41) Toluene-d8	7.37	98	219932	4.26	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.20%
43) trans-1,3-Dichloropropene-	7.67	79	28046	4.16	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.20%
46) 2-Hexanone-d5	8.14	63	149807	49.88	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.76%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	76660	5.40	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	108.00%
64) 1,2-Dichlorobenzene-d4	11.68	152	75007	5.03	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.60%

Target Compounds

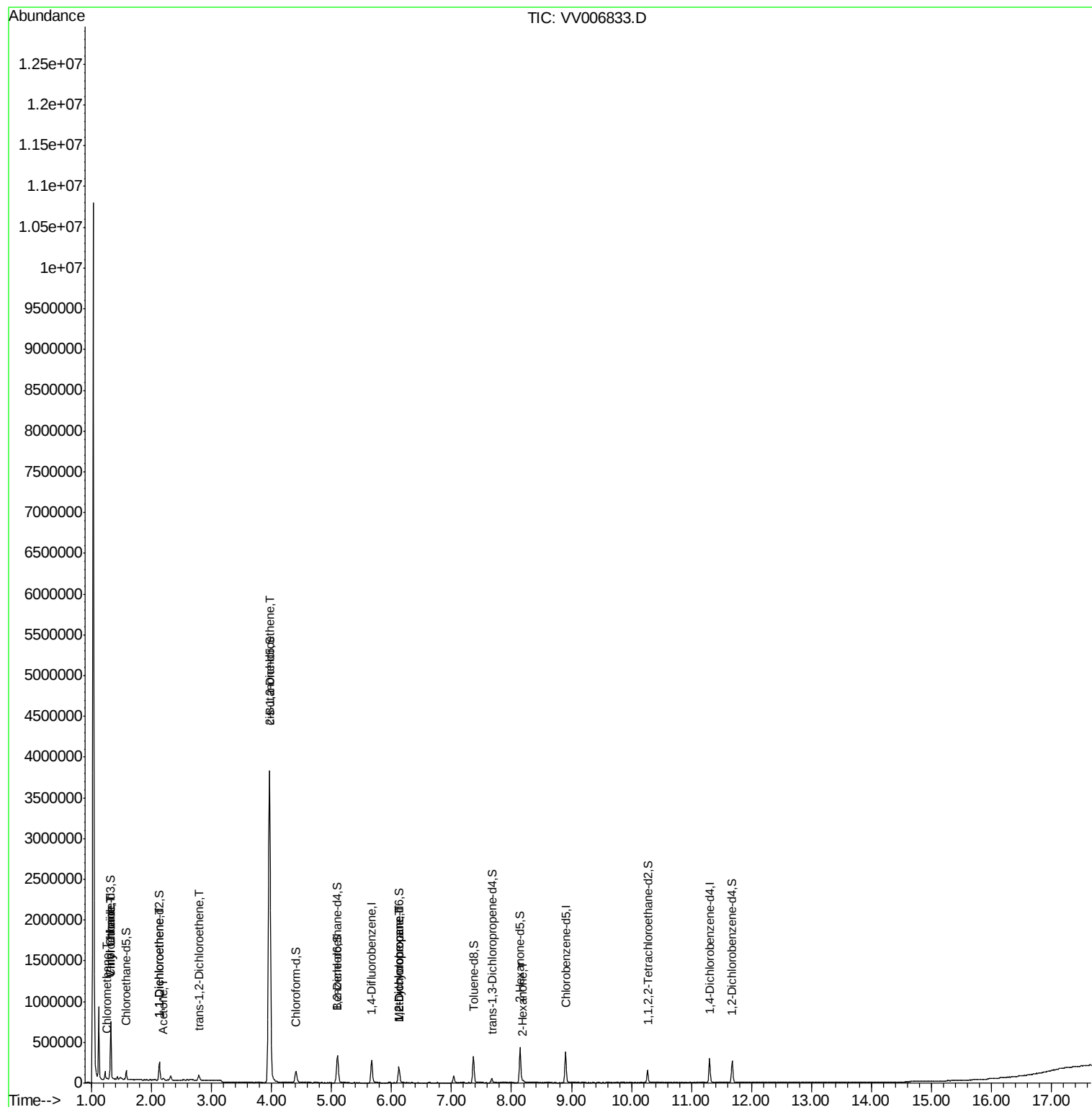
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Chloromethane	1.25	50	9237	0.340	ug/L	95
5) Vinyl chloride	1.32	62	327515	15.533	ug/L	99
8) Chloroethane	1.32	64	105727	7.461	ug/L #	45
12) 1,1-Dichloroethene	2.14	96	6637	0.442	ug/L #	1
13) Acetone	2.20	43	15825	5.684	ug/L	94
18) trans-1,2-Dichloroethene	2.79	96	24151	1.476	ug/L	99
22) cis-1,2-Dichloroethene	3.97	96	2104618	119.802	ug/L	98
35) Methylcyclohexane	6.12	83	23735	0.893	ug/L #	20
37) 1,2-Dichloropropane	6.12	63	9879	0.573	ug/L #	89
48) 2-Hexanone	8.19	43	5281	0.816	ug/L #	97

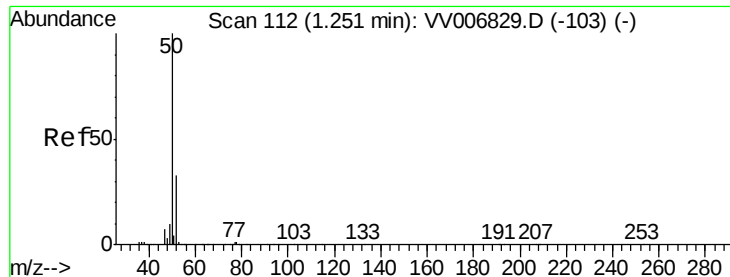
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#3

Chloromethane

Concen: 0.340 ug/L

RT: 1.25 min Scan# 113

Delta R.T. 0.00 min

Lab File: VV006833.D

Acq: 03 Aug 2018 03:32

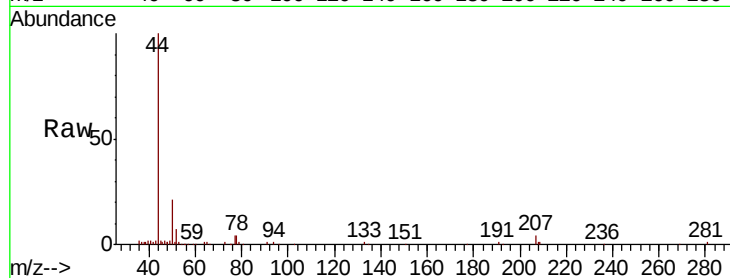
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 50 Resp: 9237

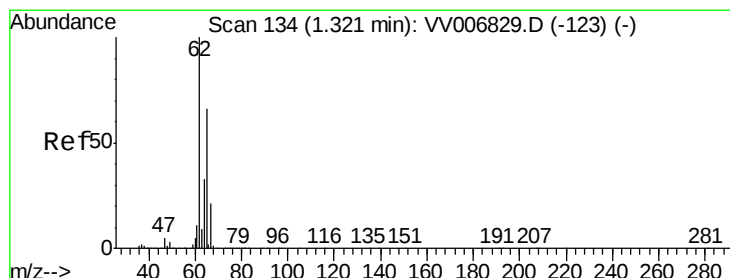
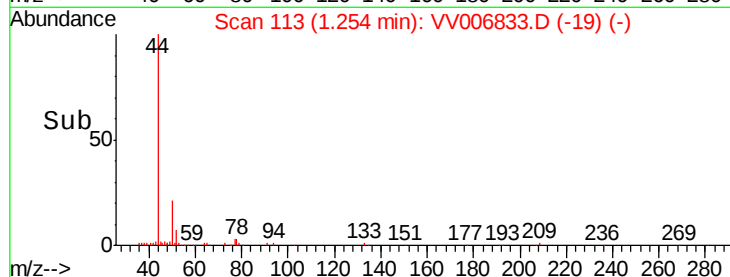
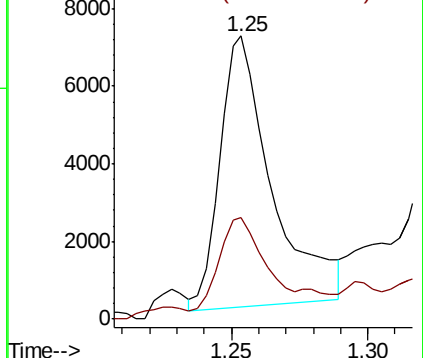
Ion Ratio Lower Upper

50 100

52 36.0 23.3 43.3



Abundance Ion 50.05 (49.75 to 50.75): VV0
Ion 52.05 (51.75 to 52.75): VV0



#5

Vinyl chloride

Concen: 15.533 ug/L

RT: 1.32 min Scan# 134

Delta R.T. -0.00 min

Lab File: VV006833.D

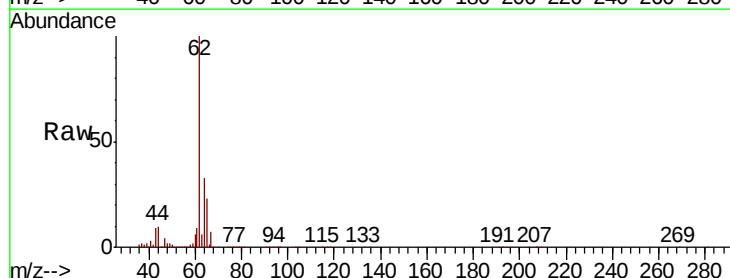
Acq: 03 Aug 2018 03:32

Tgt Ion: 62 Resp: 327515

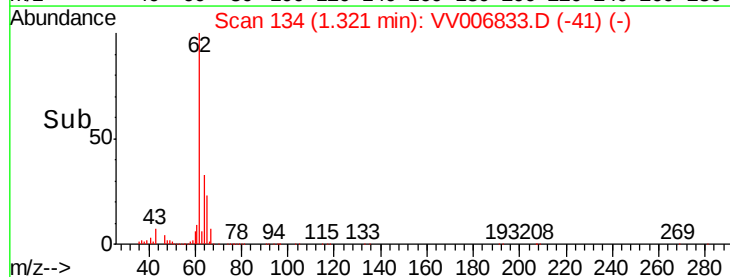
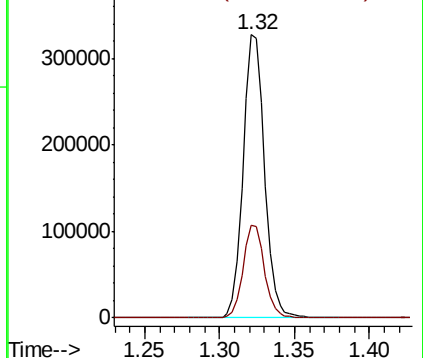
Ion Ratio Lower Upper

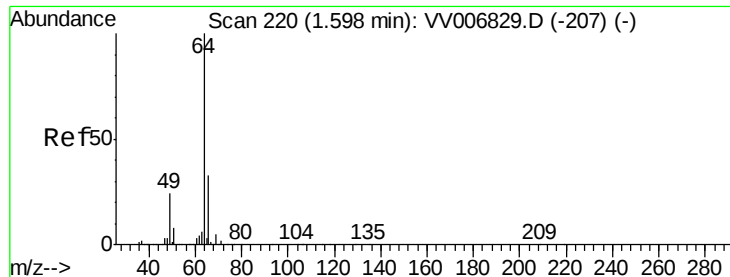
62 100

64 32.9 23.7 43.9



Abundance Ion 62.00 (61.70 to 62.70): VV0
Ion 64.10 (63.80 to 64.80): VV0





#8

Chloroethane

Concen: 7.461 ug/L

RT: 1.32 min Scan# 134

Delta R.T. -0.28 min

Lab File: VV006833.D

Acq: 03 Aug 2018 03:32

Instrument :

MSVOA_V

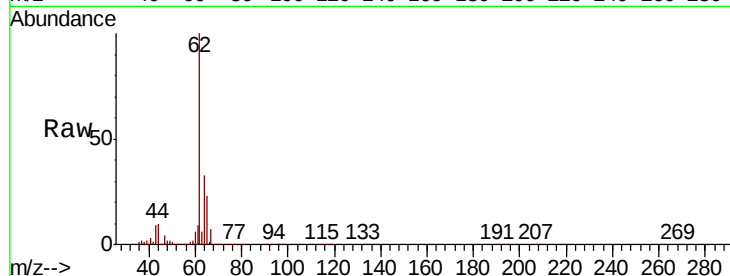
ClientSampleId :

Tot Ion: 64 Resp: 105727

Ion Ratio Lower Upper

64 100

66 2.0 23.0 42.6#



Abundance Ion 64.10 (63.80 to 64.80): VV0

Ion 66.05 (65.75 to 66.75): VV0

1.32

120000

100000

80000

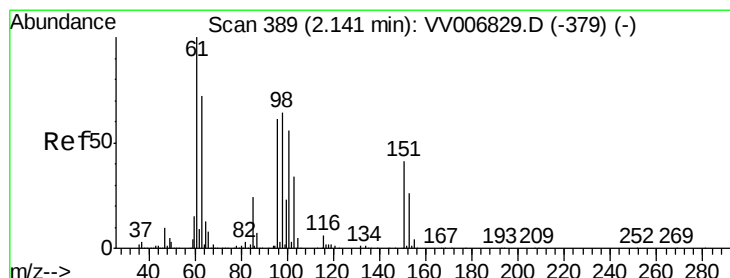
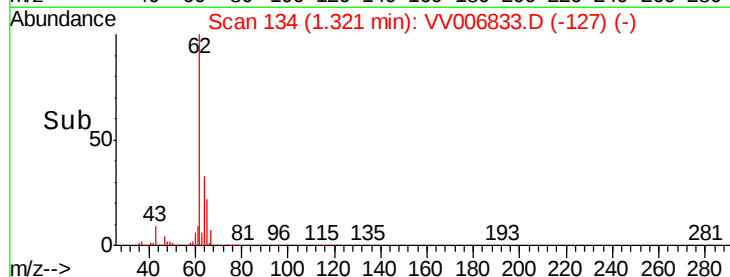
60000

40000

20000

0

Time-->



#12

1,1-Dichloroethene

Concen: 0.442 ug/L

RT: 2.14 min Scan# 389

Delta R.T. -0.00 min

Lab File: VV006833.D

Acq: 03 Aug 2018 03:32

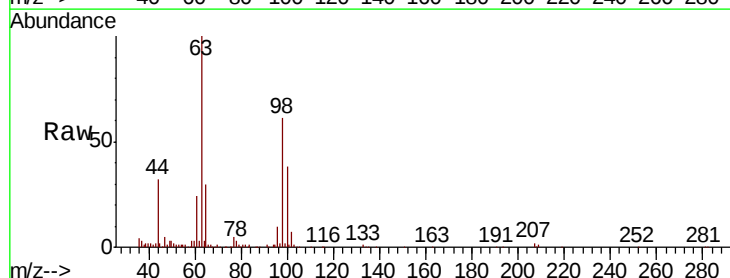
Tgt Ion: 96 Resp: 6637

Ion Ratio Lower Upper

96 100

61 235.5 115.3 214.1#

63 982.2 81.9 152.1#



Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 63.00 (62.70 to 63.70): VV0

100000

80000

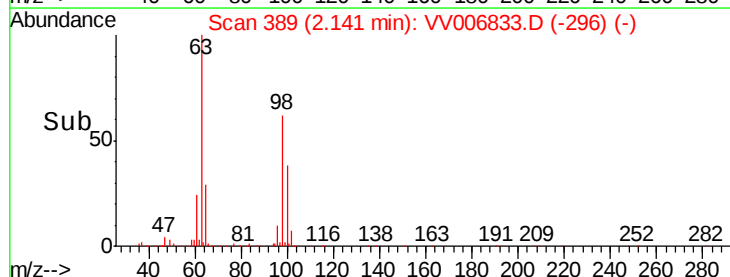
60000

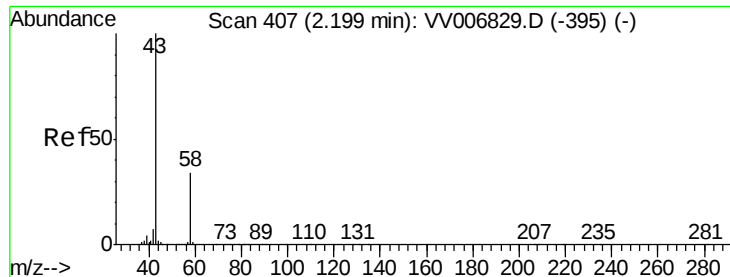
40000

20000

0

Time-->





#13

Acetone

Concen: 5.684 ug/L

RT: 2.20 min Scan# 406

Delta R.T. -0.00 min

Lab File: VV006833.D

Acq: 03 Aug 2018 03:32

Instrument :

MSVOA_V

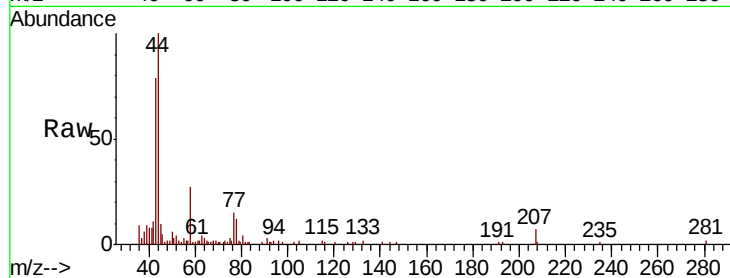
ClientSampleId :

Tot Ion: 43 Resp: 15825

Ion Ratio Lower Upper

43 100

58 38.2 0.0 69.0



Abundance Ion 43.05 (42.75 to 43.75): VV006829.D (-395) (-)

Ion 58.05 (57.75 to 58.75): VV006829.D (-395) (-)

2.20

12000

10000

8000

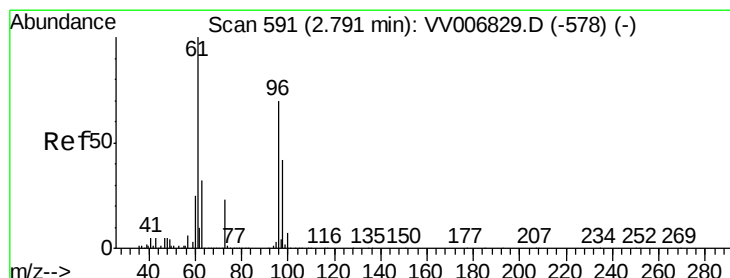
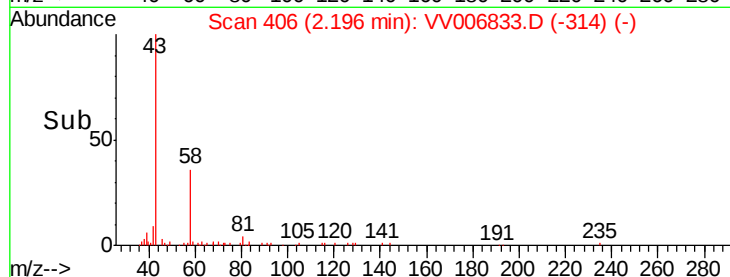
6000

4000

2000

0

Time-->



#18

trans-1,2-Dichloroethene

Concen: 1.476 ug/L

RT: 2.79 min Scan# 591

Delta R.T. -0.00 min

Lab File: VV006833.D

Acq: 03 Aug 2018 03:32

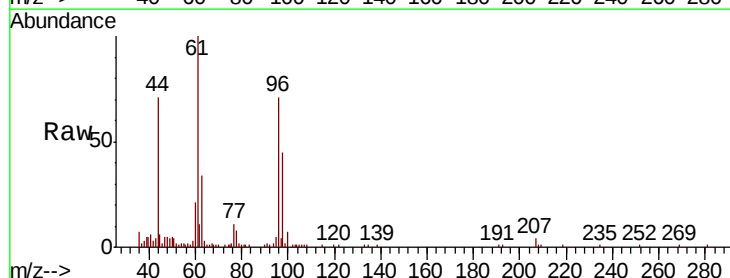
Tgt Ion: 96 Resp: 24151

Ion Ratio Lower Upper

96 100

61 141.2 99.0 183.8

98 63.9 42.8 79.4



Abundance Ion 96.00 (95.70 to 96.70): VV006829.D (-578) (-)

Ion 61.05 (60.75 to 61.75): VV006829.D (-578) (-)

Ion 97.95 (97.65 to 98.65): VV006829.D (-578) (-)

2.79

25000

20000

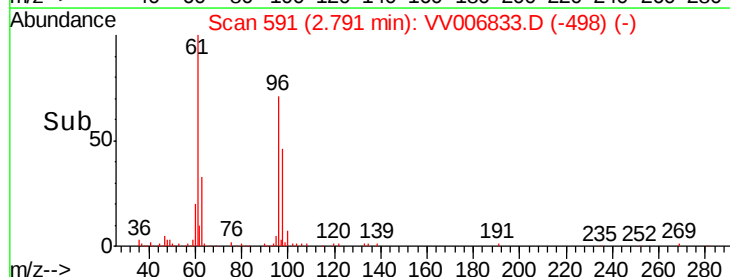
15000

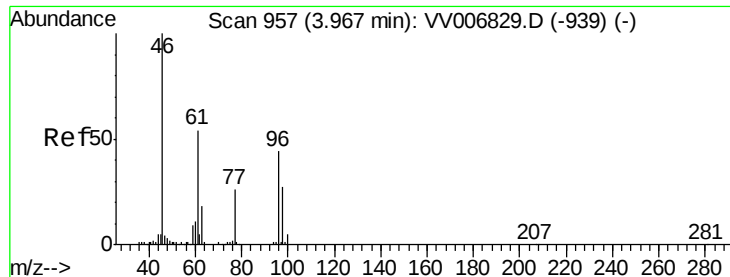
10000

5000

0

Time-->



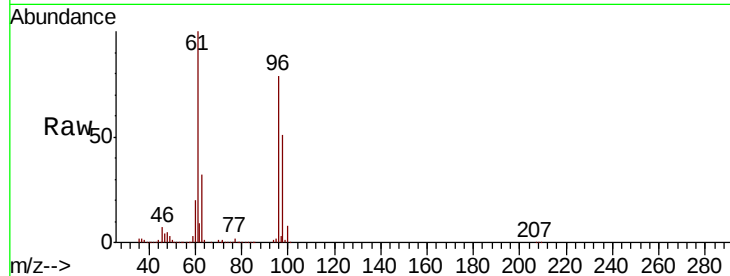


#22

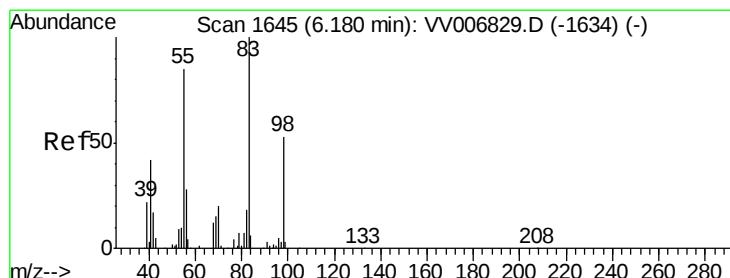
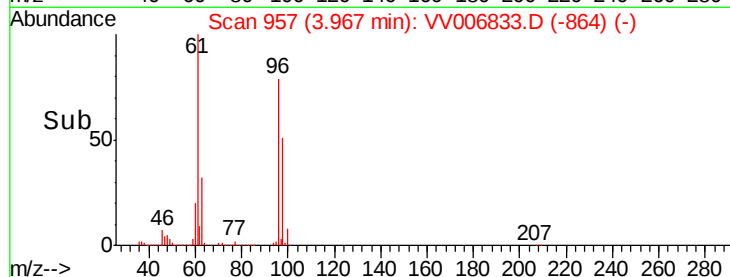
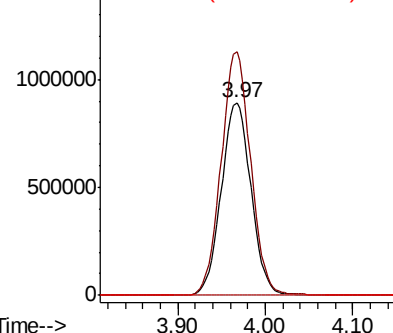
cis-1,2-Dichloroethene
Concen: 119.802 ug/L
RT: 3.97 min Scan# 957
Delta R.T. -0.00 min
Lab File: VV006833.D
Acq: 03 Aug 2018 03:32

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 96 Resp: 2104618
Ion Ratio Lower Upper
96 100
61 126.4 86.6 160.8
68 0.0 0.0 0.0



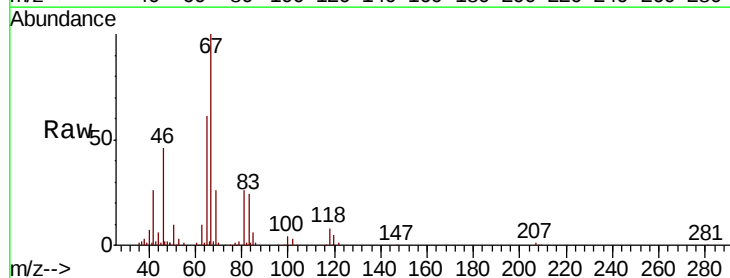
Abundance Ion 96.00 (95.70 to 96.70): VV0
Ion 61.05 (60.75 to 61.75): VV0
Ion 68.15 (67.85 to 68.85): VV0



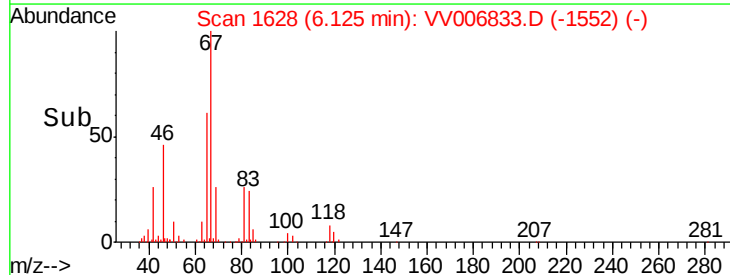
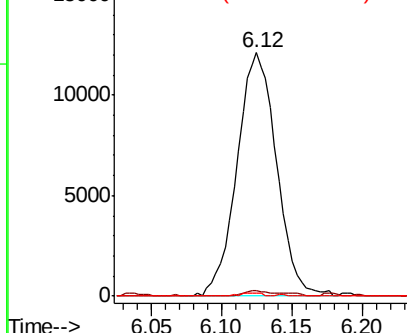
#35

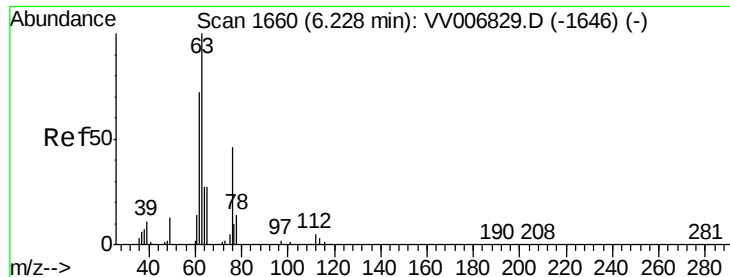
Methylcyclohexane
Concen: 0.893 ug/L
RT: 6.12 min Scan# 1628
Delta R.T. -0.05 min
Lab File: VV006833.D
Acq: 03 Aug 2018 03:32

Tgt Ion: 83 Resp: 23735
Ion Ratio Lower Upper
83 100
55 1.6 61.8 92.6#
98 0.7 37.2 55.8#



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

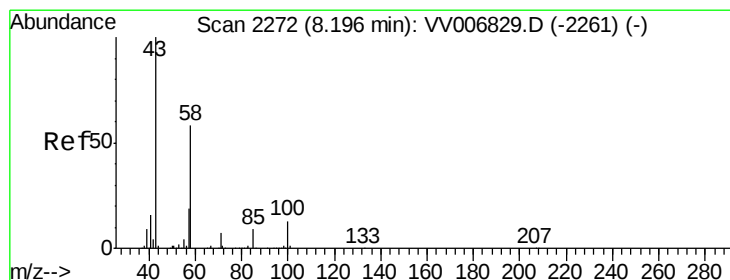
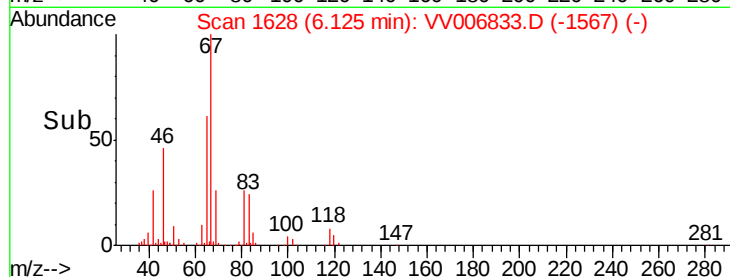
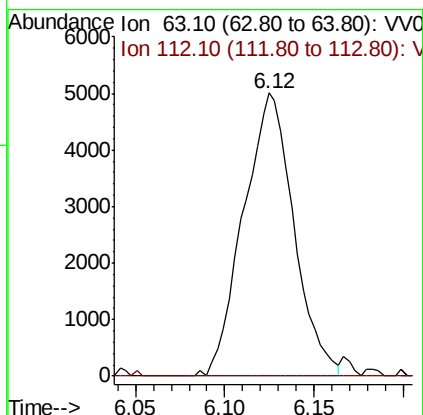
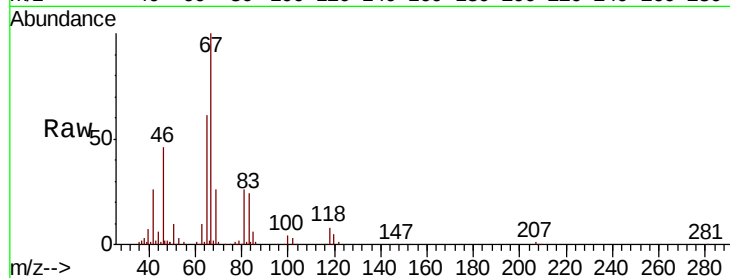




#37
 1,2-Dichloropropane
 Concen: 0.573 ug/L
 RT: 6.12 min Scan# 1628
 Delta R.T. -0.10 min
 Lab File: VV006833.D
 Acq: 03 Aug 2018 03:32

Instrument :
 MSVOA_V
 ClientSampled :

Tot Ion: 63 Resp: 9879
 Ion Ratio Lower Upper
 63 100
 112 0.2 3.0 4.6#



#48
 2-Hexanone
 Concen: 0.816 ug/L
 RT: 8.19 min Scan# 2271
 Delta R.T. -0.00 min
 Lab File: VV006833.D
 Acq: 03 Aug 2018 03:32

Tgt Ion: 43 Resp: 5281
 Ion Ratio Lower Upper
 43 100
 58 56.8 45.4 68.0
 57 25.4 15.4 23.2#
 100 12.5 10.6 16.0

