

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV080818\
 Data File : VV006937.D
 Acq On : 08 Aug 2018 16:44
 Operator : SY/MD
 Sample : VIBLK71
 Misc : 25 mL/MSVOA V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 09 07:07:45 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR080718WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Aug 09 07:05:51 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	200194	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	189195	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	75926	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	52855	4.40	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.00%
7) Chloroethane-d5	1.58	69	55198	4.70	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.00%
11) 1,1-Dichloroethene-d2	2.13	63	80063	3.24	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.80%
20) 2-Butanone-d5	3.97	46	196444	51.29	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.58%
24) Chloroform-d	4.41	84	133620	5.30	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.00%
26) 1,2-Dichloroethane-d4	5.09	65	70897	5.28	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.60%
32) Benzene-d6	5.10	84	245945	5.31	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.20%
36) 1,2-Dichloropropane-d6	6.12	67	88164	5.23	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.60%
41) Toluene-d8	7.37	98	180312	4.50	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.00%
43) trans-1,3-Dichloropropene-	7.67	79	25215	4.64	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.80%
46) 2-Hexanone-d5	8.15	63	96348	42.65	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	85.30%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	63152	5.00	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.00%
64) 1,2-Dichlorobenzene-d4	11.68	152	65556	5.34	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.80%

Target Compounds

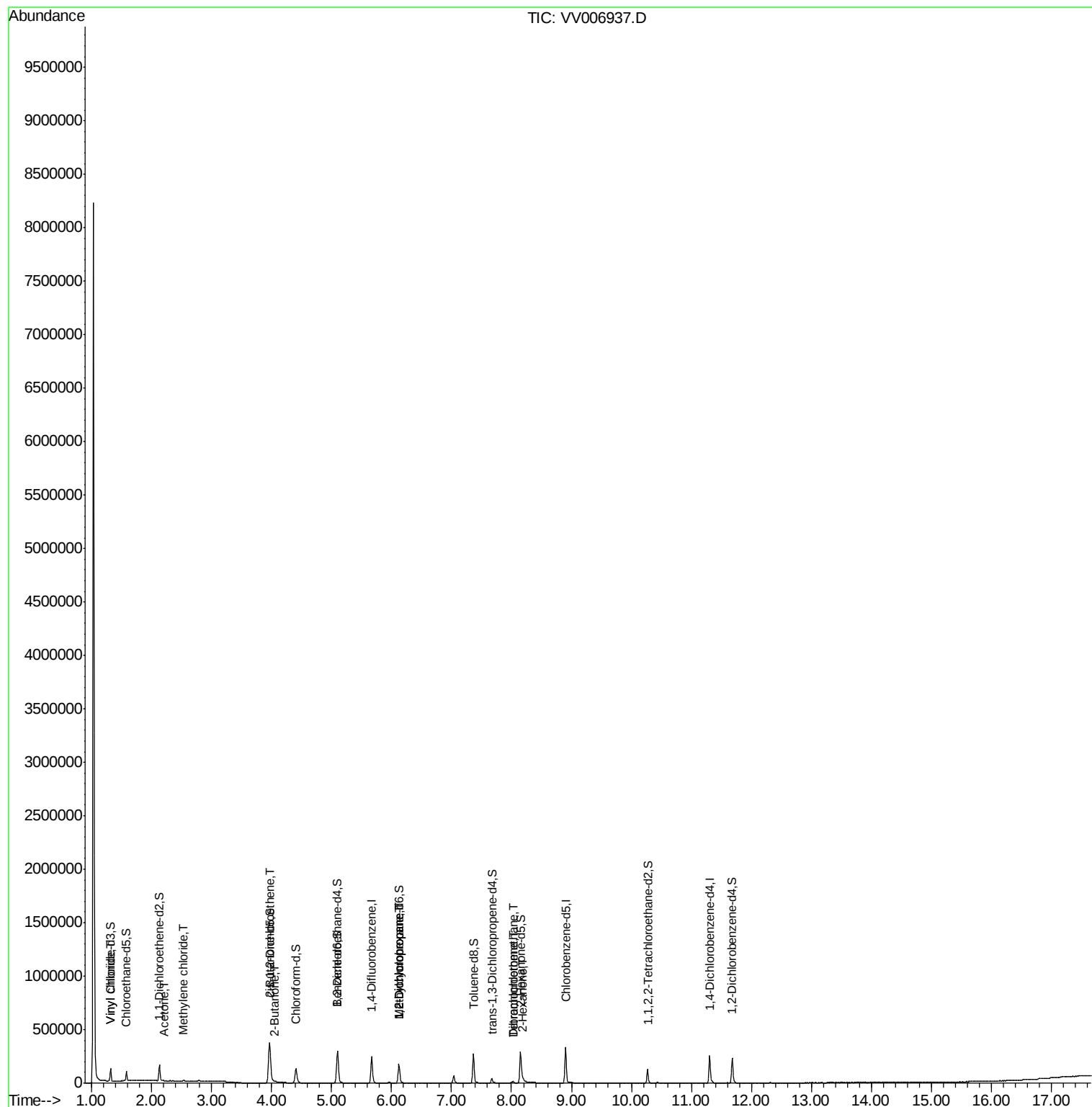
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	1.32	62	24688	1.312	ug/L	83
13) Acetone	2.21	43	1052	0.421	ug/L	68
16) Methylene chloride	2.54	84	4657	0.271	ug/L #	76
21) 2-Butanone	4.06	43	835	0.203	ug/L	85
22) cis-1,2-Dichloroethene	3.97	96	151380	10.522	ug/L	93
35) Methylcyclohexane	6.12	83	20217	0.959	ug/L #	15
37) 1,2-Dichloropropane	6.13	63	9689	0.597	ug/L #	87
47) Tetrachloroethene	8.02	164	3330	0.322	ug/L	95
48) 2-Hexanone	8.20	43	4372	0.690	ug/L #	48
49) Dibromochloromethane	8.03	129	2723	0.253	ug/L #	9

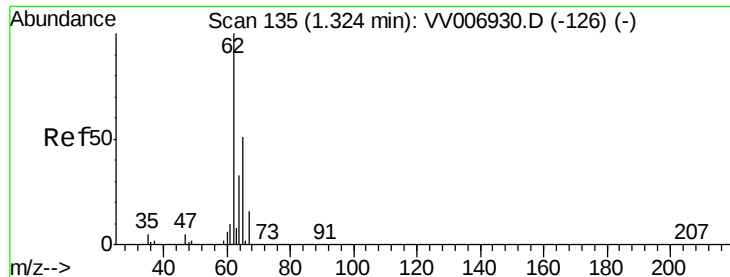
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Aug 09 07:05:51 2018
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 1.312 ug/L

RT: 1.32 min Scan# 134

Delta R.T. -0.00 min

Lab File: VV006937.D

Acq: 08 Aug 2018 16:44

Instrument :

MSVOA_V

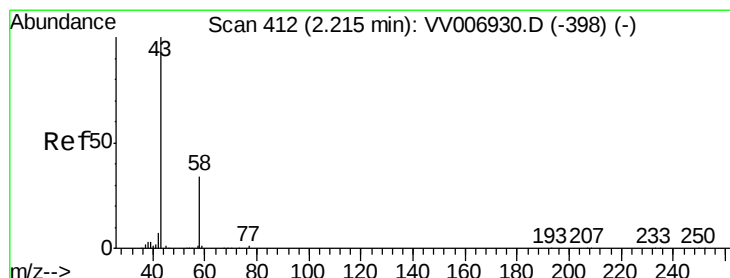
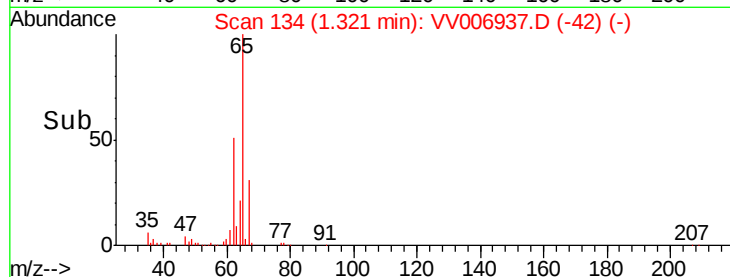
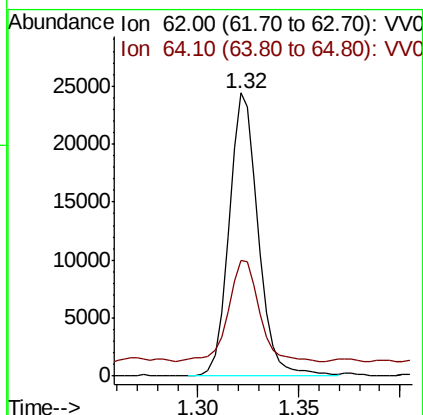
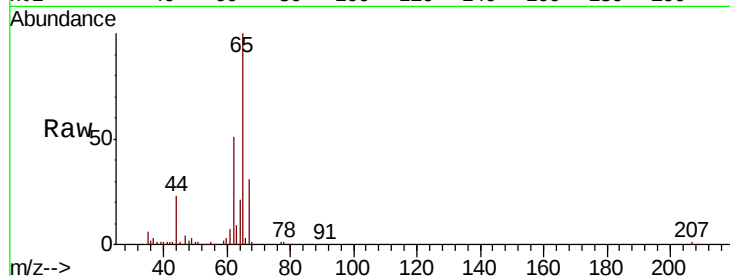
ClientSampled :

Tot Ion: 62 Resp: 24688

Ion Ratio Lower Upper

62 100

64 40.9 22.1 41.1



#13

Acetone

Concen: 0.421 ug/L

RT: 2.21 min Scan# 411

Delta R.T. -0.00 min

Lab File: VV006937.D

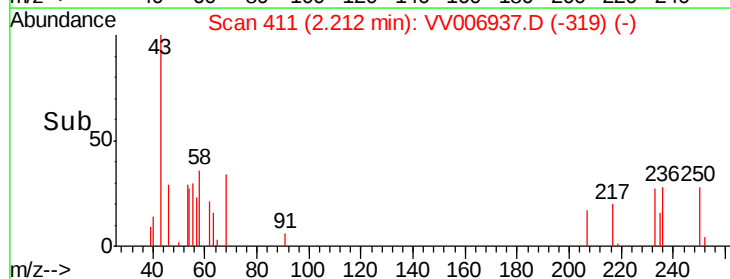
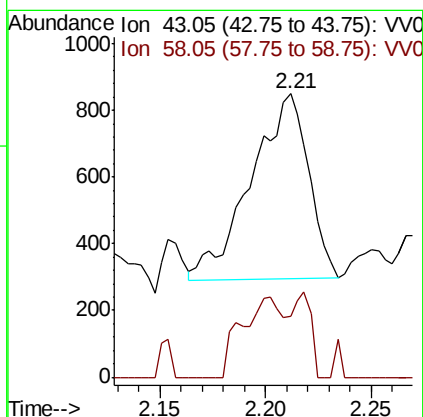
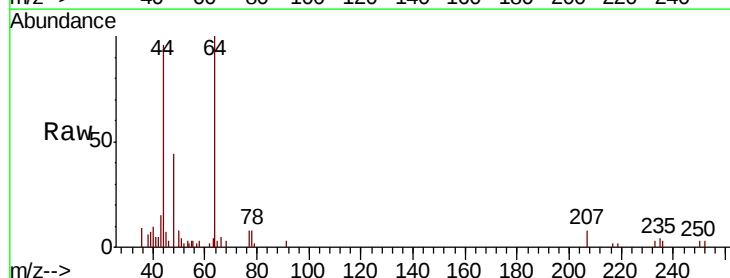
Acq: 08 Aug 2018 16:44

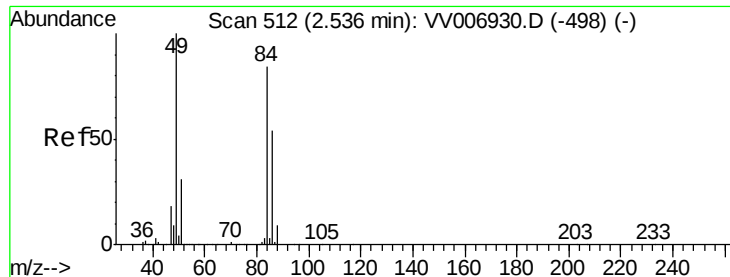
Tgt Ion: 43 Resp: 1052

Ion Ratio Lower Upper

43 100

58 15.8 0.0 68.0

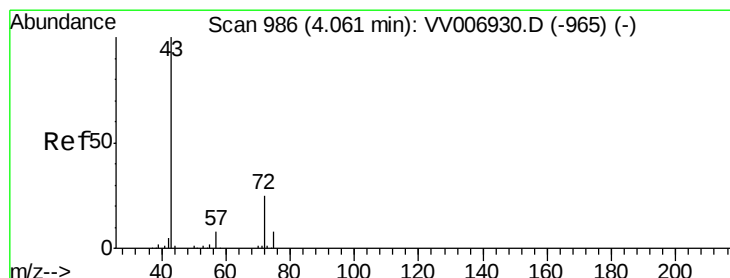
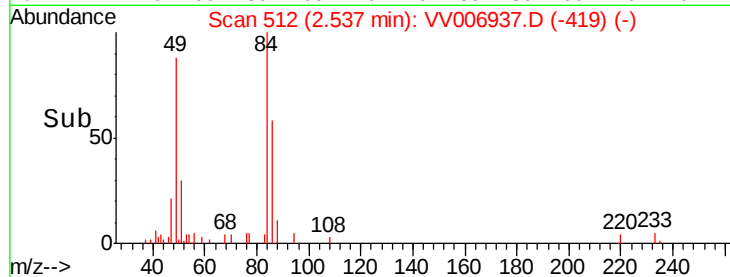
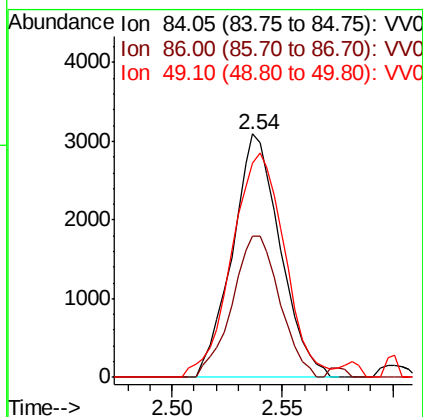
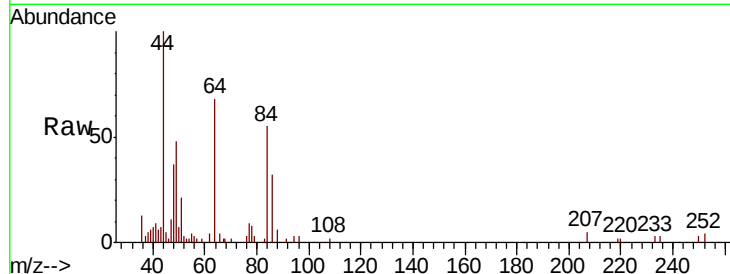




#16
Methvlene chloride
Concen: 0.271 ug/L
RT: 2.54 min Scan# 512
Delta R.T. 0.00 min
Lab File: VV006937.D
Acq: 08 Aug 2018 16:44

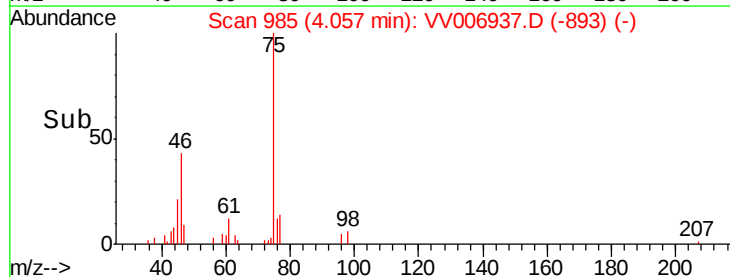
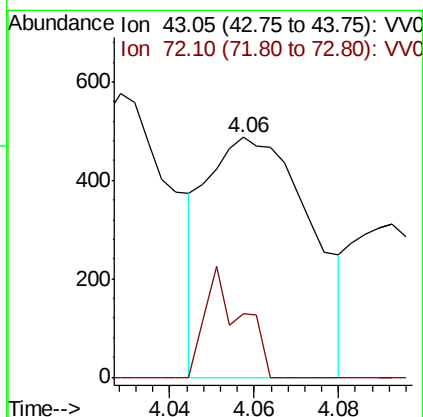
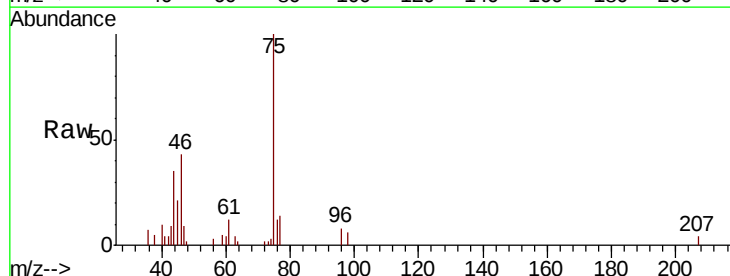
Instrument :
MSVOA_V
ClientSampleId :

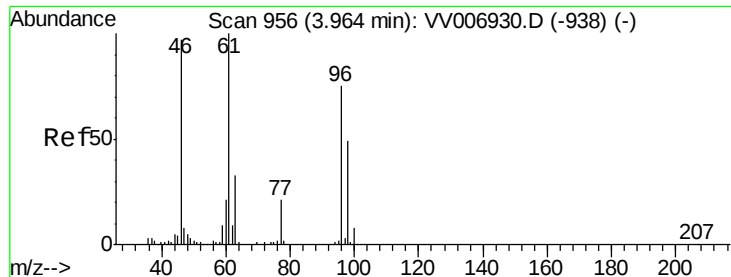
Tot Ion: 84 Resp: 4657
Ion Ratio Lower Upper
84 100
86 58.2 43.6 81.0
49 87.9 88.6 164.6#



#21
2-Butanone
Concen: 0.203 ug/L
RT: 4.06 min Scan# 985
Delta R.T. -0.00 min
Lab File: VV006937.D
Acq: 08 Aug 2018 16:44

Tgt Ion: 43 Resp: 835
Ion Ratio Lower Upper
43 100
72 16.2 11.9 35.5



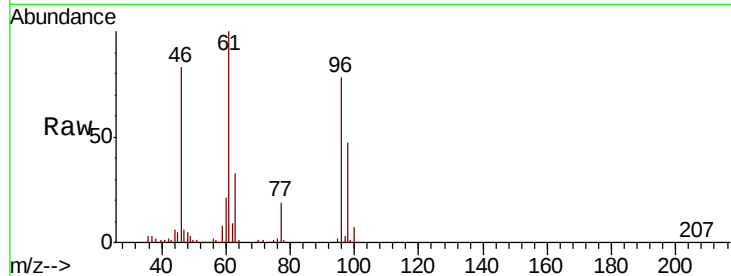


#22

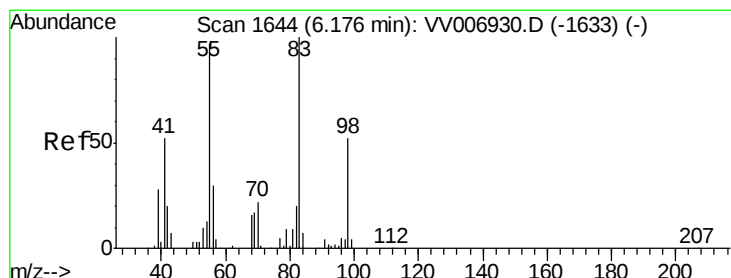
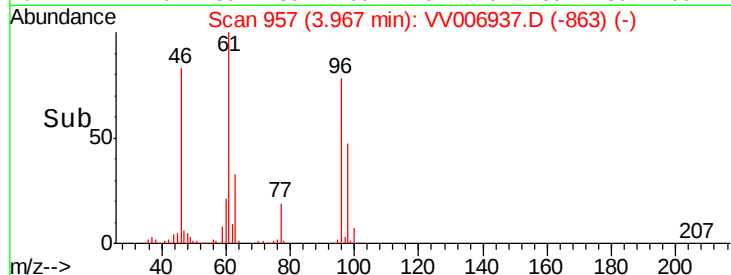
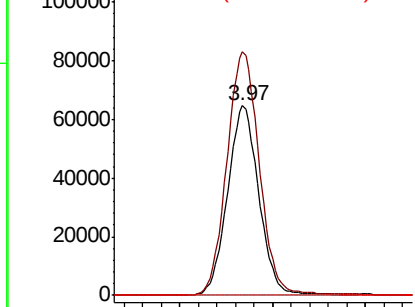
cis-1,2-Dichloroethene
Concen: 10.522 ug/L
RT: 3.97 min Scan# 957
Delta R.T. 0.00 min
Lab File: VV006937.D
Acq: 08 Aug 2018 16:44

Instrument :
MSVOA_V
ClientSampled :

Tot Ion: 96 Resp: 151380
Ion Ratio Lower Upper
96 100
61 128.4 95.5 177.4
68 0.0 0.0 0.0



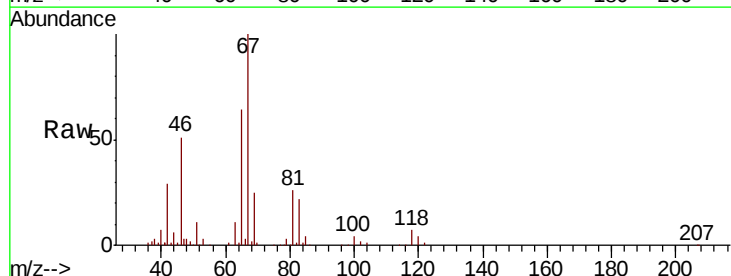
Abundance Ion 96.00 (95.70 to 96.70): VV0
Ion 61.05 (60.75 to 61.75): VV0
Ion 68.15 (67.85 to 68.85): VV0



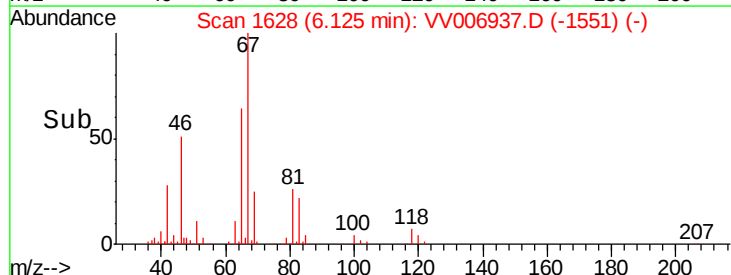
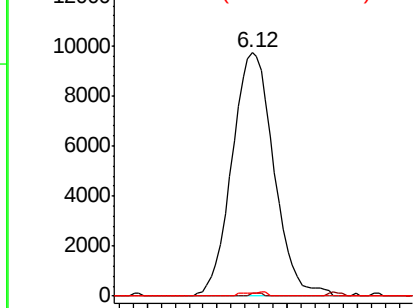
#35

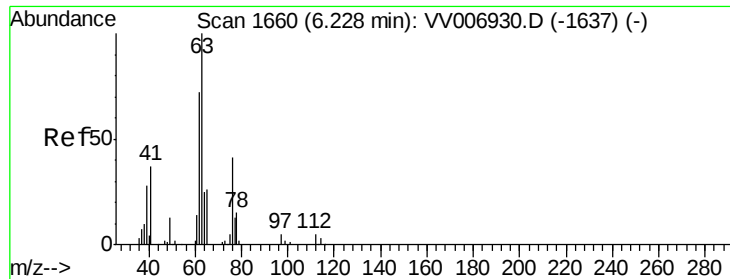
Methylcyclohexane
Concen: 0.959 ug/L
RT: 6.12 min Scan# 1628
Delta R.T. -0.05 min
Lab File: VV006937.D
Acq: 08 Aug 2018 16:44

Tgt Ion: 83 Resp: 20217
Ion Ratio Lower Upper
83 100
55 0.3 69.8 104.8#
98 0.9 36.4 54.6#



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: 0.597 ug/L

RT: 6.13 min Scan# 1629

Delta R.T. -0.10 min

Lab File: VV006937.D

Acq: 08 Aug 2018 16:44

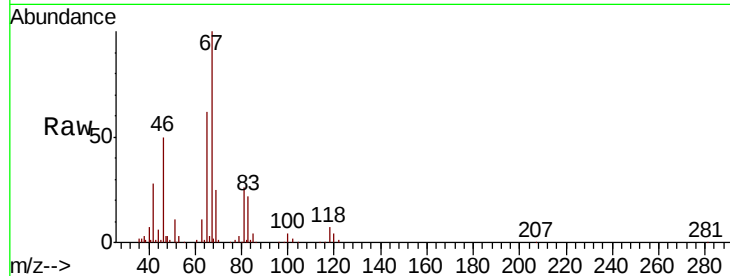
Instrument :
MSVOA_V
ClientSampled :

Tot Ion: 63 Resp: 9689

Ion Ratio Lower Upper

63 100

112 0.2 3.5 5.3#



Abundance Ion 63.10 (62.80 to 63.80): VV006937.D (-1637) (-)

Ion 112.10 (111.80 to 112.80): VV006937.D (-1637) (-)

6.13

5000

4000

3000

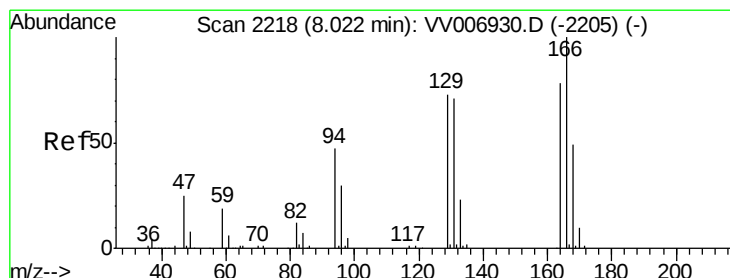
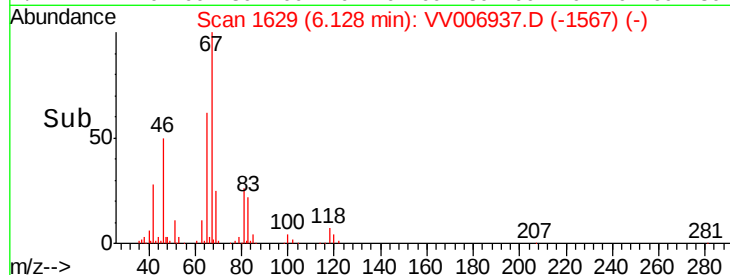
2000

1000

0

6.05 6.10 6.15 6.20

Time-->



#47

Tetrachloroethene

Concen: 0.322 ug/L

RT: 8.02 min Scan# 2218

Delta R.T. 0.00 min

Lab File: VV006937.D

Acq: 08 Aug 2018 16:44

Tgt Ion:164 Resp: 3330

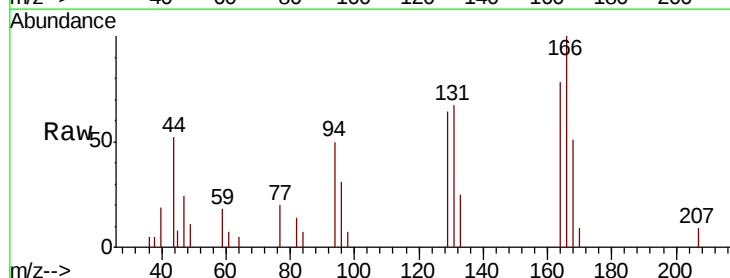
Ion Ratio Lower Upper

164 100

129 82.3 63.1 117.3

131 86.1 62.3 115.7

166 128.5 87.4 162.4



Abundance Ion 163.90 (163.60 to 164.60): VV006937.D (-2218) (-)

Ion 128.95 (128.65 to 129.65): VV006937.D (-2218) (-)

Ion 130.95 (130.65 to 131.65): VV006937.D (-2218) (-)

Ion 165.90 (165.60 to 166.60): VV006937.D (-2218) (-)

4000

3000

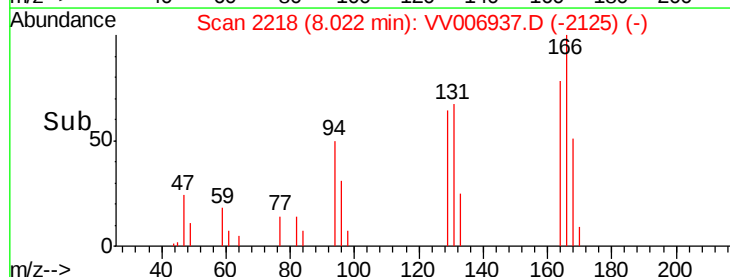
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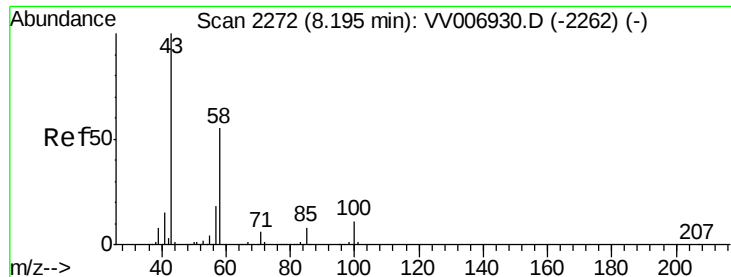
1000

0

8.00 8.05

Time-->

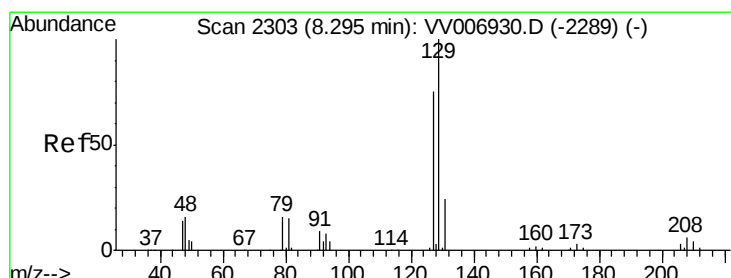
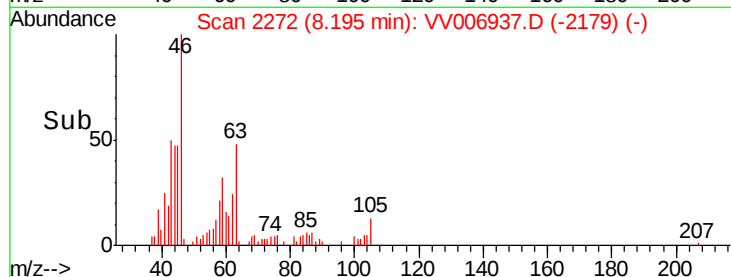
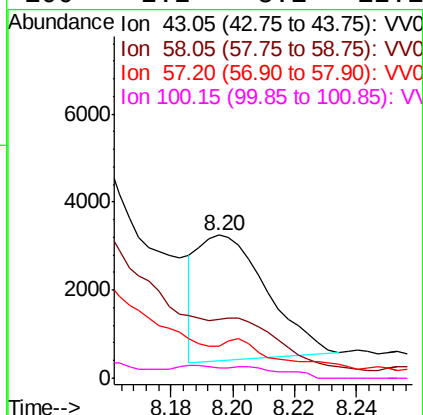
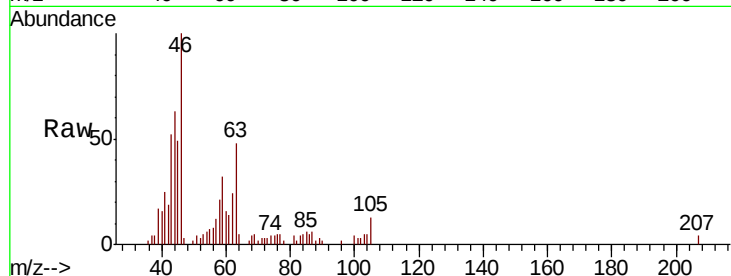




#48
2-Hexanone
Concen: 0.690 ug/L
RT: 8.20 min Scan# 2272
Delta R.T. 0.00 min
Lab File: VV006937.D
Acq: 08 Aug 2018 16:44

Instrument :
MSVOA_V
ClientSampled :

Tot Ion: 43 Resp: 4372
Ion Ratio Lower Upper
43 100
58 0.0 42.0 63.0#
57 18.6 14.1 21.1
100 2.2 8.1 12.1#



#49
Dibromochloromethane
Concen: 0.253 ug/L
RT: 8.03 min Scan# 2219
Delta R.T. -0.27 min
Lab File: VV006937.D
Acq: 08 Aug 2018 16:44

Tgt Ion: 129 Resp: 2723
Ion Ratio Lower Upper
129 100
127 0.0 57.0 105.8#

