

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV080818\
 Data File : VV006944.D
 Acq On : 08 Aug 2018 19:52
 Operator : SY/MD
 Sample : J4357-18DL 100X
 Misc : 25 mL/MSVOA V/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 09 07:08:46 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	190481	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	184299	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	72547	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	51334	4.49	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.80%
7) Chloroethane-d5	1.58	69	53133	4.75	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.00%
11) 1,1-Dichloroethene-d2	2.13	63	78348	3.34	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.80%
20) 2-Butanone-d5	3.98	46	198777	54.55	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	109.10%
24) Chloroform-d	4.41	84	133484	5.56	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	111.20%
26) 1,2-Dichloroethane-d4	5.09	65	72038	5.64	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	112.80%
32) Benzene-d6	5.10	84	244084	5.41	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	108.20%
36) 1,2-Dichloropropane-d6	6.12	67	88694	5.40	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	108.00%
41) Toluene-d8	7.37	98	176754	4.53	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.60%
43) trans-1,3-Dichloropropene-	7.67	79	25956	4.90	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	98.00%
46) 2-Hexanone-d5	8.15	63	112618	51.17	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.34%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	69743	5.67	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	113.40%
64) 1,2-Dichlorobenzene-d4	11.68	152	65537	5.58	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	111.60%

Target Compounds

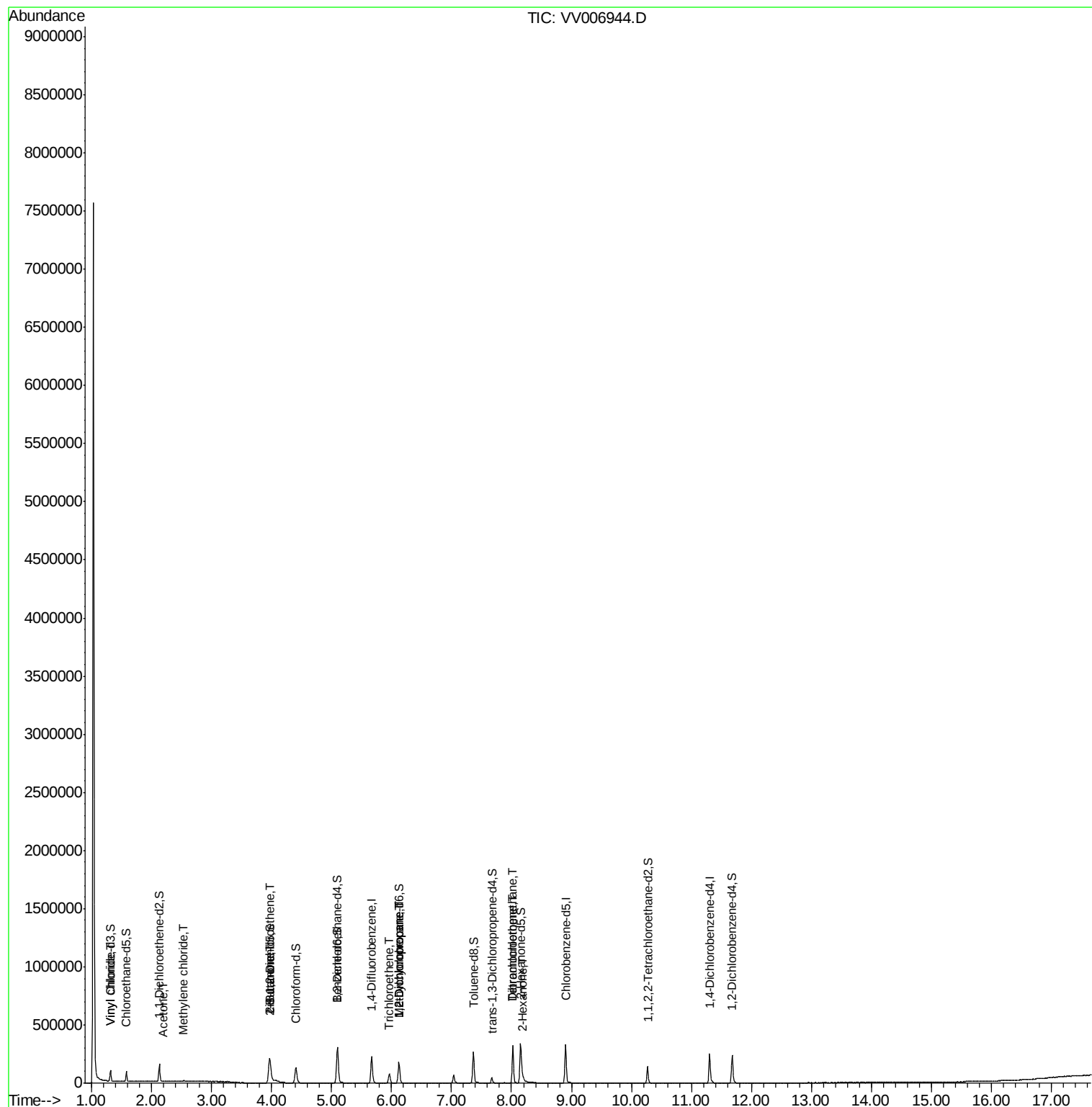
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	1.32	62	8065	0.450	ug/L #	77
13) Acetone	2.20	43	701	0.295	ug/L	56
16) Methylene chloride	2.54	84	5268	0.322	ug/L	87
21) 2-Butanone	3.99	43	1741	0.445	ug/L	97
22) cis-1,2-Dichloroethene	3.97	96	65744	4.803	ug/L	96
34) Trichloroethene	5.96	95	27007	2.042	ug/L	97
35) Methylcyclohexane	6.12	83	20382	0.993	ug/L #	15
37) 1,2-Dichloropropane	6.12	63	9569	0.606	ug/L #	89
47) Tetrachloroethene	8.02	164	71968	7.152	ug/L	99
48) 2-Hexanone	8.20	43	8907	1.444	ug/L #	41
49) Dibromochloromethane	8.02	129	63598	6.065	ug/L #	9

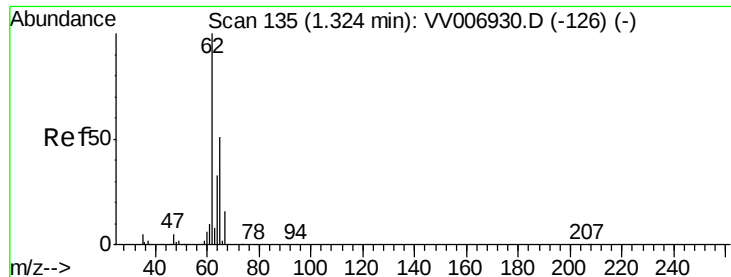
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 0.450 ug/L

RT: 1.32 min Scan# 134

Delta R.T. -0.00 min

Lab File: VV006944.D

Acq: 08 Aug 2018 19:52

Instrument :

MSVOA_V

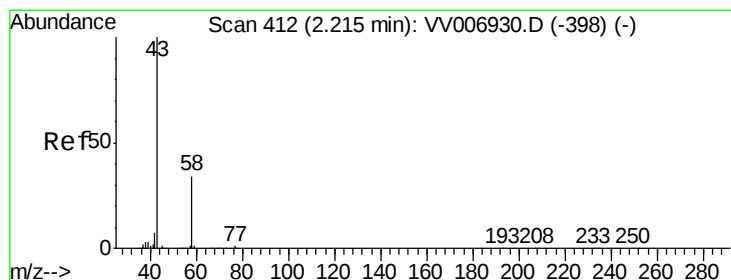
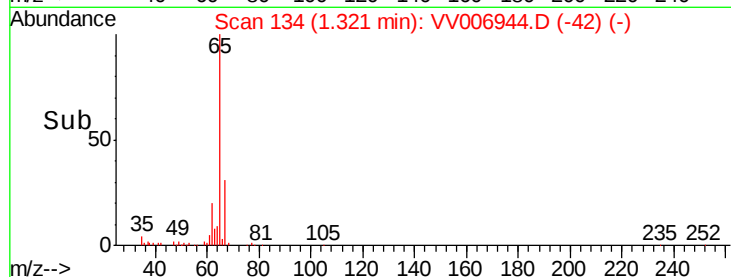
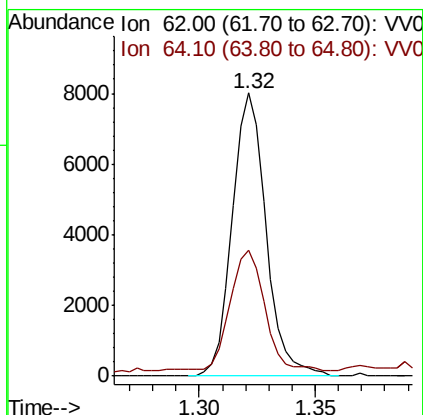
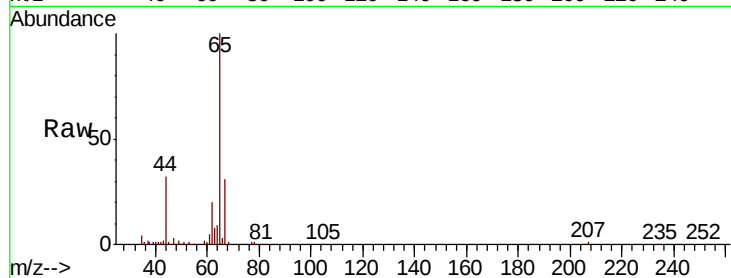
ClientSampled :

Tot Ion: 62 Resp: 8065

Ion Ratio Lower Upper

62 100

64 44.6 22.1 41.1#



#13

Acetone

Concen: 0.295 ug/L

RT: 2.20 min Scan# 408

Delta R.T. -0.01 min

Lab File: VV006944.D

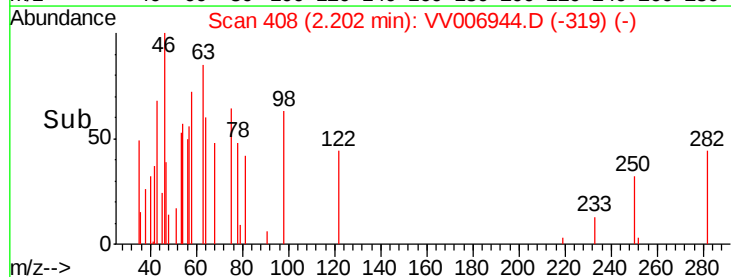
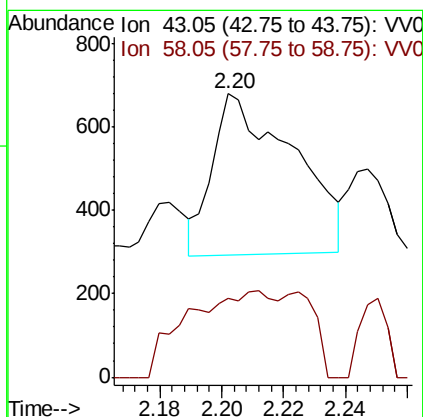
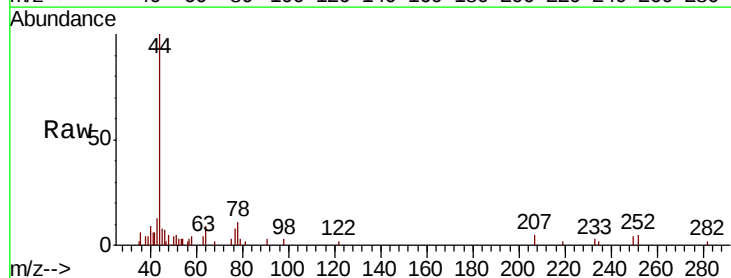
Acq: 08 Aug 2018 19:52

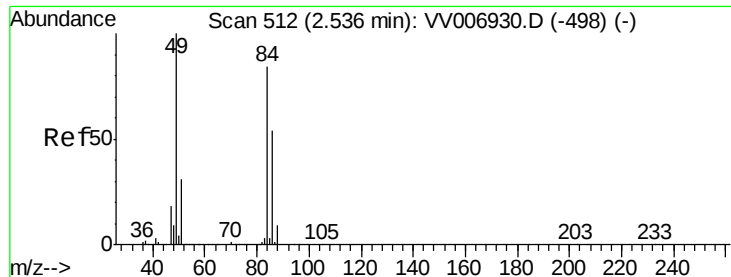
Tgt Ion: 43 Resp: 701

Ion Ratio Lower Upper

43 100

58 59.1 0.0 68.0

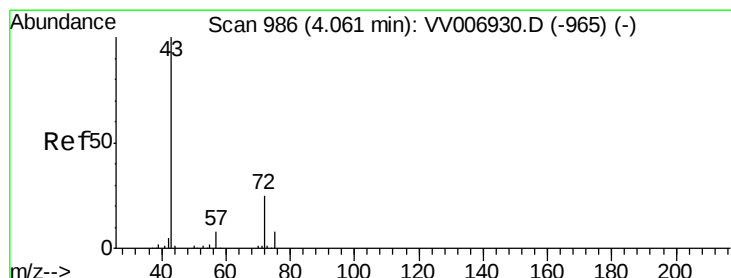
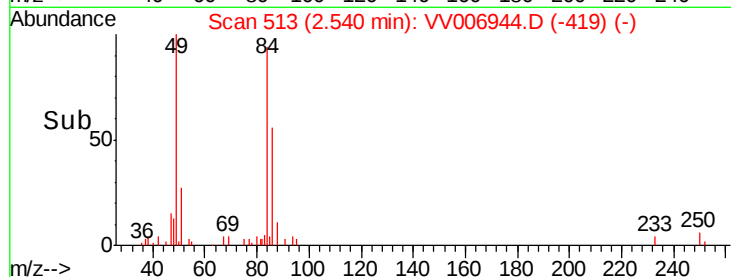
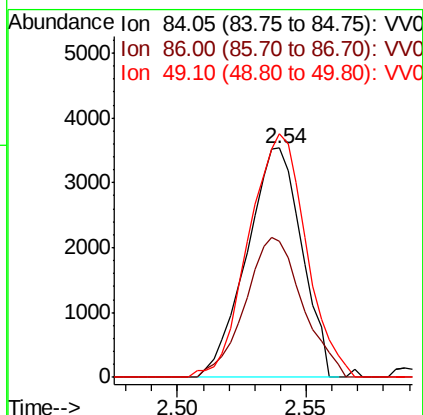
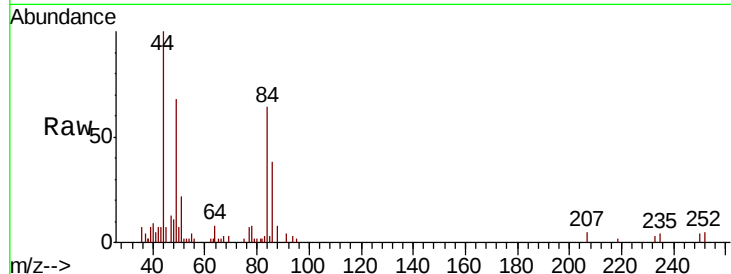




#16
Methvlene chloride
Concen: 0.322 ug/L
RT: 2.54 min Scan# 513
Delta R.T. 0.00 min
Lab File: VV006944.D
Acq: 08 Aug 2018 19:52

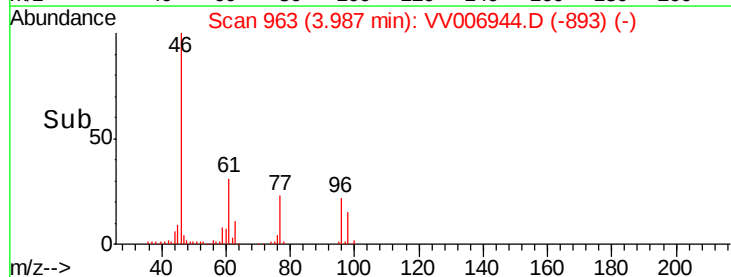
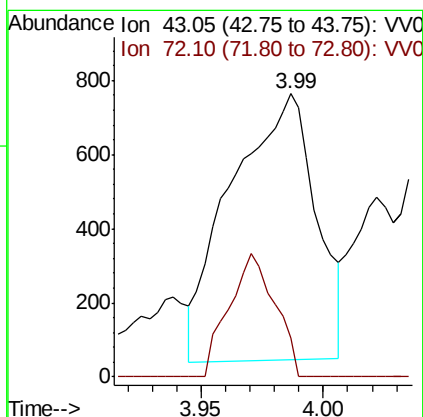
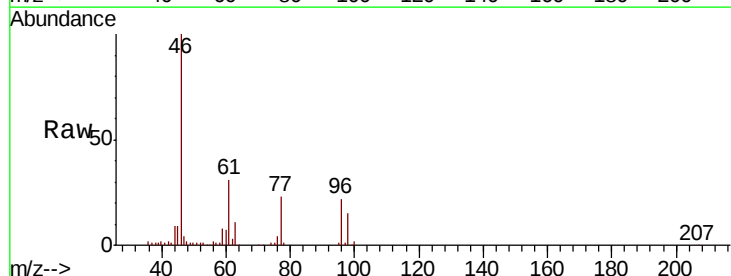
Instrument :
MSVOA_V
ClientSampleId :

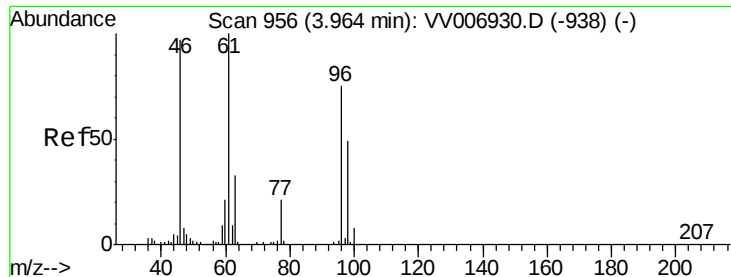
Tot Ion: 84 Resp: 5268
Ion Ratio Lower Upper
84 100
86 59.1 43.6 81.0
49 106.1 88.6 164.6



#21
2-Butanone
Concen: 0.445 ug/L
RT: 3.99 min Scan# 963
Delta R.T. -0.07 min
Lab File: VV006944.D
Acq: 08 Aug 2018 19:52

Tgt Ion: 43 Resp: 1741
Ion Ratio Lower Upper
43 100
72 25.2 11.9 35.5



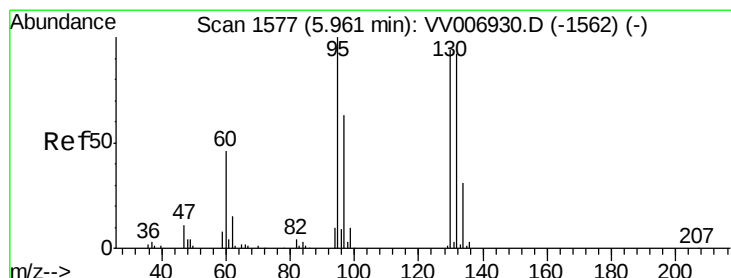
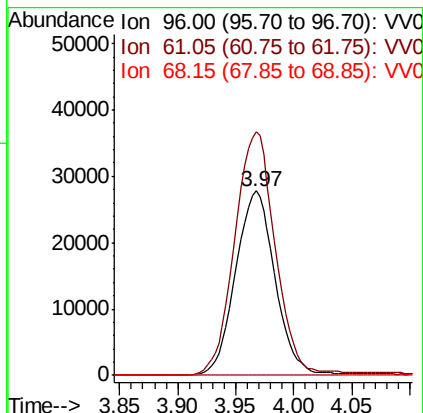
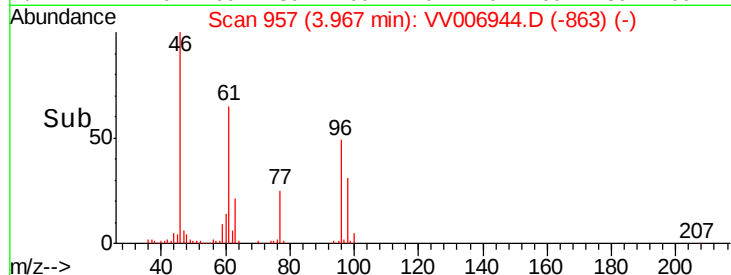
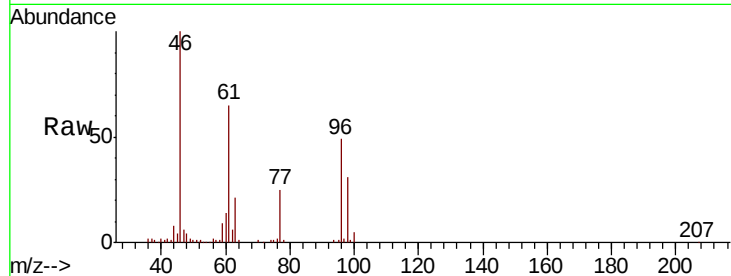


#22

cis-1,2-Dichloroethene
Concen: 4.803 ug/L
RT: 3.97 min Scan# 957
Delta R.T. 0.00 min
Lab File: VV006944.D
Acq: 08 Aug 2018 19:52

Instrument :
MSVOA_V
ClientSampled :

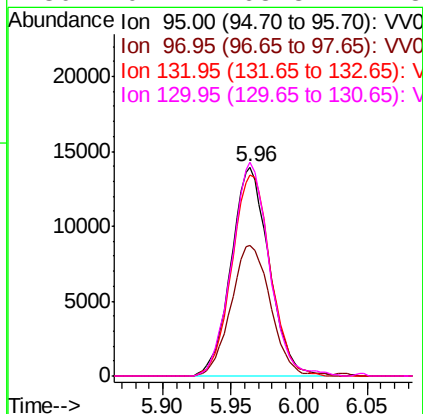
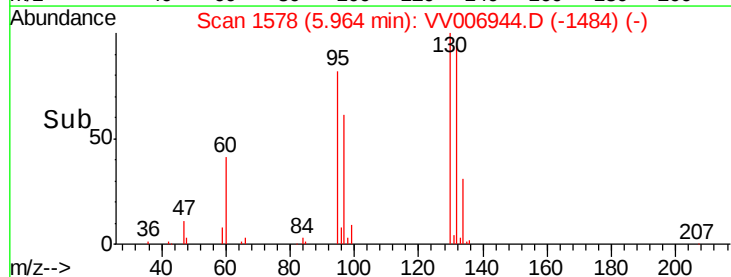
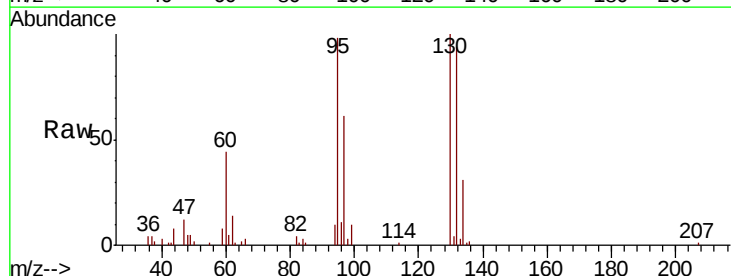
Tot Ion: 96 Resp: 65744
Ion Ratio Lower Upper
96 100
61 131.9 95.5 177.4
68 0.0 0.0 0.0

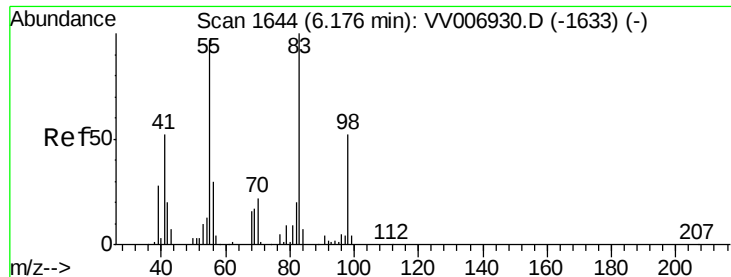


#34

Trichloroethene
Concen: 2.042 ug/L
RT: 5.96 min Scan# 1578
Delta R.T. 0.00 min
Lab File: VV006944.D
Acq: 08 Aug 2018 19:52

Tgt Ion: 95 Resp: 27007
Ion Ratio Lower Upper
95 100
97 62.6 44.4 82.4
132 96.3 65.6 121.8
130 102.1 68.8 127.8

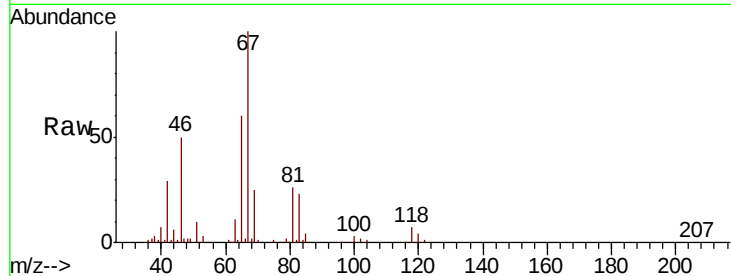




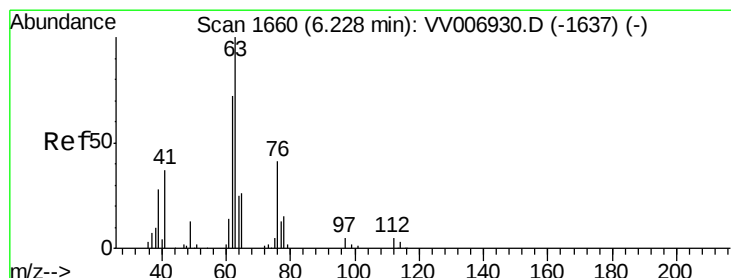
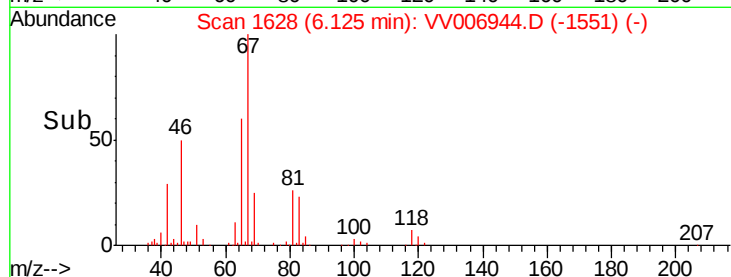
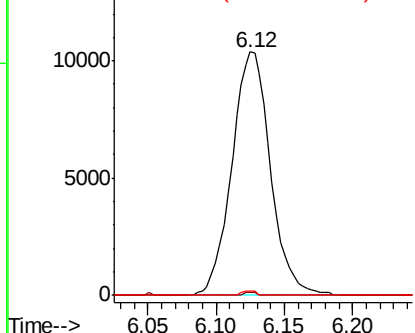
#35
Methvlcvclohexane
Concen: 0.993 ug/L
RT: 6.12 min Scan# 1628
Delta R.T. -0.05 min
Lab File: VV006944.D
Acq: 08 Aug 2018 19:52

Instrument :
MSVOA_V
ClientSampled :

Tot Ion: 83 Resp: 20382
Ion Ratio Lower Upper
83 100
55 0.4 69.8 104.8#
98 0.7 36.4 54.6#

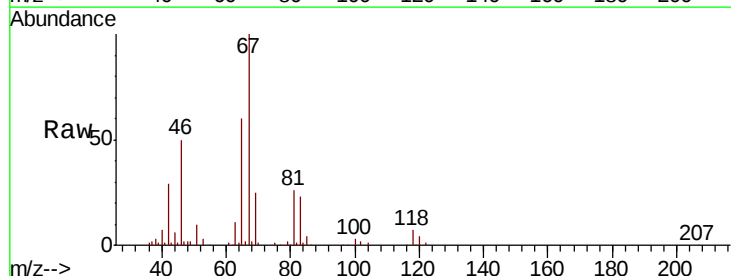


Abundance Ion 83.15 (82.85 to 83.85): VV0
Ion 55.10 (54.80 to 55.80): VV0
Ion 98.15 (97.85 to 98.85): VV0

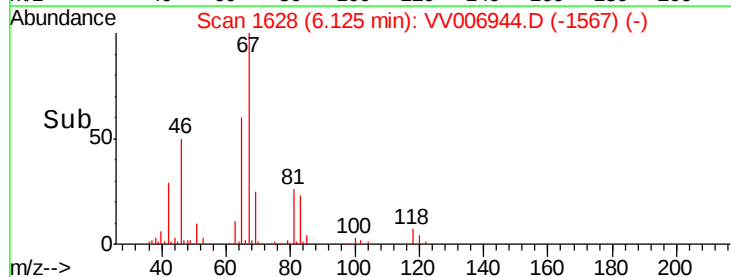
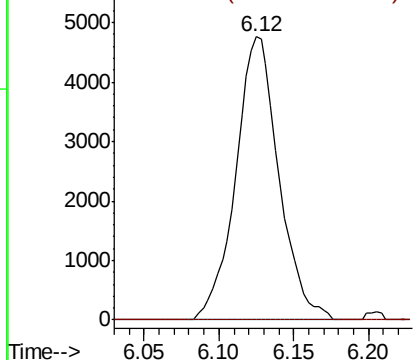


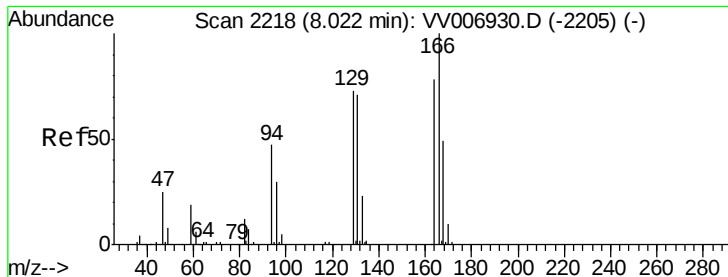
#37
1,2-Dichloropropane
Concen: 0.606 ug/L
RT: 6.12 min Scan# 1628
Delta R.T. -0.10 min
Lab File: VV006944.D
Acq: 08 Aug 2018 19:52

Tgt Ion: 63 Resp: 9569
Ion Ratio Lower Upper
63 100
112 0.7 3.5 5.3#



Abundance Ion 63.10 (62.80 to 63.80): VV0
Ion 112.10 (111.80 to 112.80): V





#47

Tetrachloroethene

Concen: 7.152 ug/L

RT: 8.02 min Scan# 2218

Delta R.T. 0.00 min

Lab File: VV006944.D

Acq: 08 Aug 2018 19:52

Instrument :
MSVOA_V
ClientSampled :

Tot Ion:164 Resp: 71968

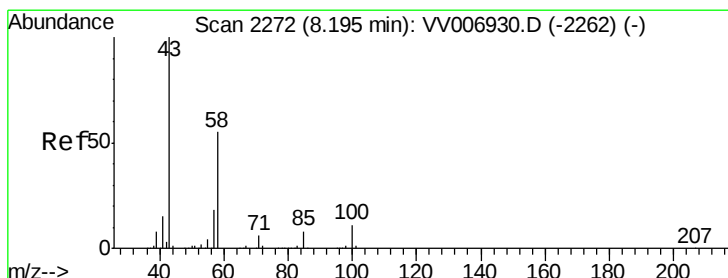
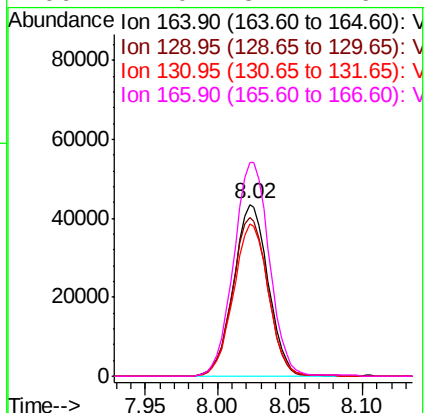
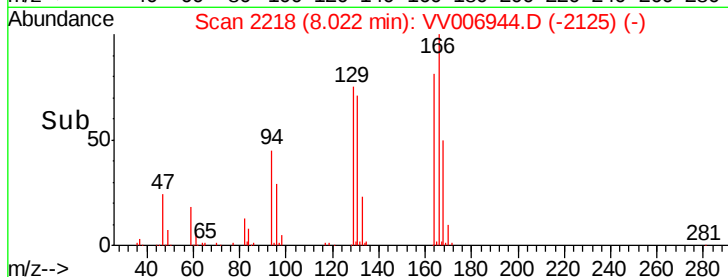
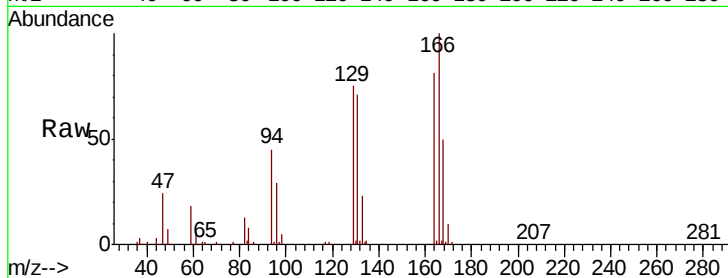
Ion Ratio Lower Upper

164 100

129 92.6 63.1 117.3

131 88.4 62.3 115.7

166 124.0 87.4 162.4



#48

2-Hexanone

Concen: 1.444 ug/L

RT: 8.20 min Scan# 2273

Delta R.T. 0.00 min

Lab File: VV006944.D

Acq: 08 Aug 2018 19:52

Tgt Ion: 43 Resp: 8907

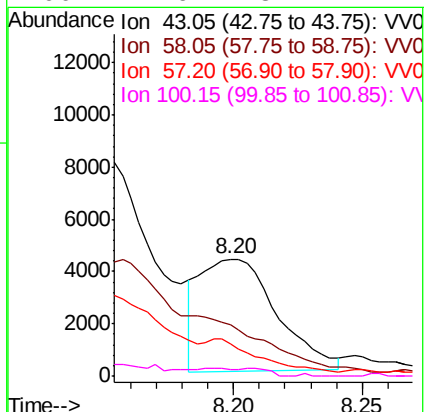
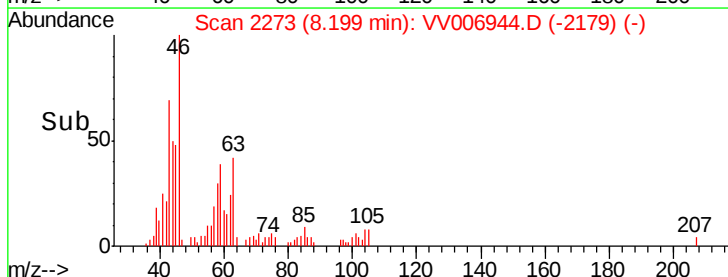
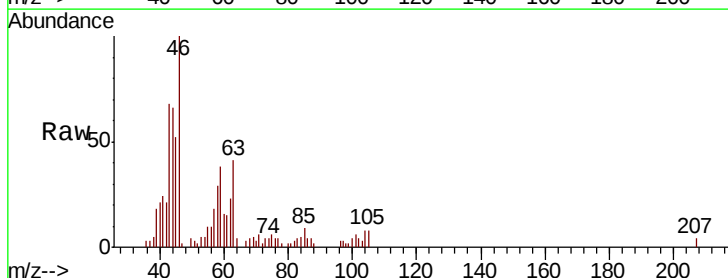
Ion Ratio Lower Upper

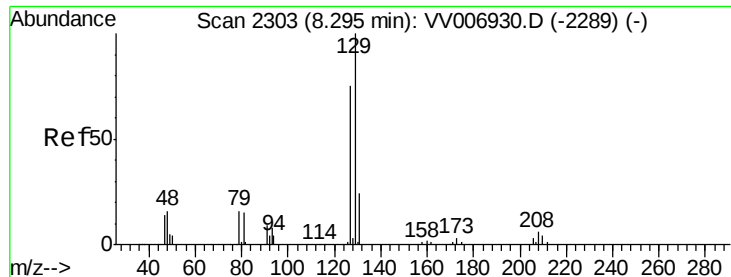
43 100

58 0.0 42.0 63.0#

57 0.0 14.1 21.1#

100 4.6 8.1 12.1#





#49

Dibromochloromethane

Concen: 6.065 ug/L

RT: 8.02 min Scan# 2218

Delta R.T. -0.27 min

Lab File: VV006944.D

Acq: 08 Aug 2018 19:52

Instrument :

MSVOA_V

ClientSampleId :

Tot Ion:129 Resp: 63598

Ion Ratio Lower Upper

129 100

127 0.0 57.0 105.8#

