

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV080818\
 Data File : VV006941.D
 Acq On : 08 Aug 2018 18:31
 Operator : SY/MD
 Sample : J4357-15DL 10X
 Misc : 25 mL/MSVOA V/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 09 07:08:19 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	239233	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	235700	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	91855	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	51844	3.61	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	72.20%
7) Chloroethane-d5	1.58	69	55346	3.94	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	78.80%
11) 1,1-Dichloroethene-d2	2.13	63	80657	2.73	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	54.60%#
20) 2-Butanone-d5	3.97	46	232653	50.83	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.66%
24) Chloroform-d	4.41	84	135620	4.50	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.00%
26) 1,2-Dichloroethane-d4	5.09	65	74715	4.66	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.20%
32) Benzene-d6	5.10	84	247174	4.28	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.60%
36) 1,2-Dichloropropane-d6	6.12	67	89552	4.27	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	85.40%
41) Toluene-d8	7.37	98	180560	3.62	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	72.40%
43) trans-1,3-Dichloropropene-	7.67	79	26724	3.95	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.00%
46) 2-Hexanone-d5	8.15	63	117968	41.91	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	83.82%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	70516	4.48	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.60%
64) 1,2-Dichlorobenzene-d4	11.68	152	67905	4.57	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.40%

Target Compounds

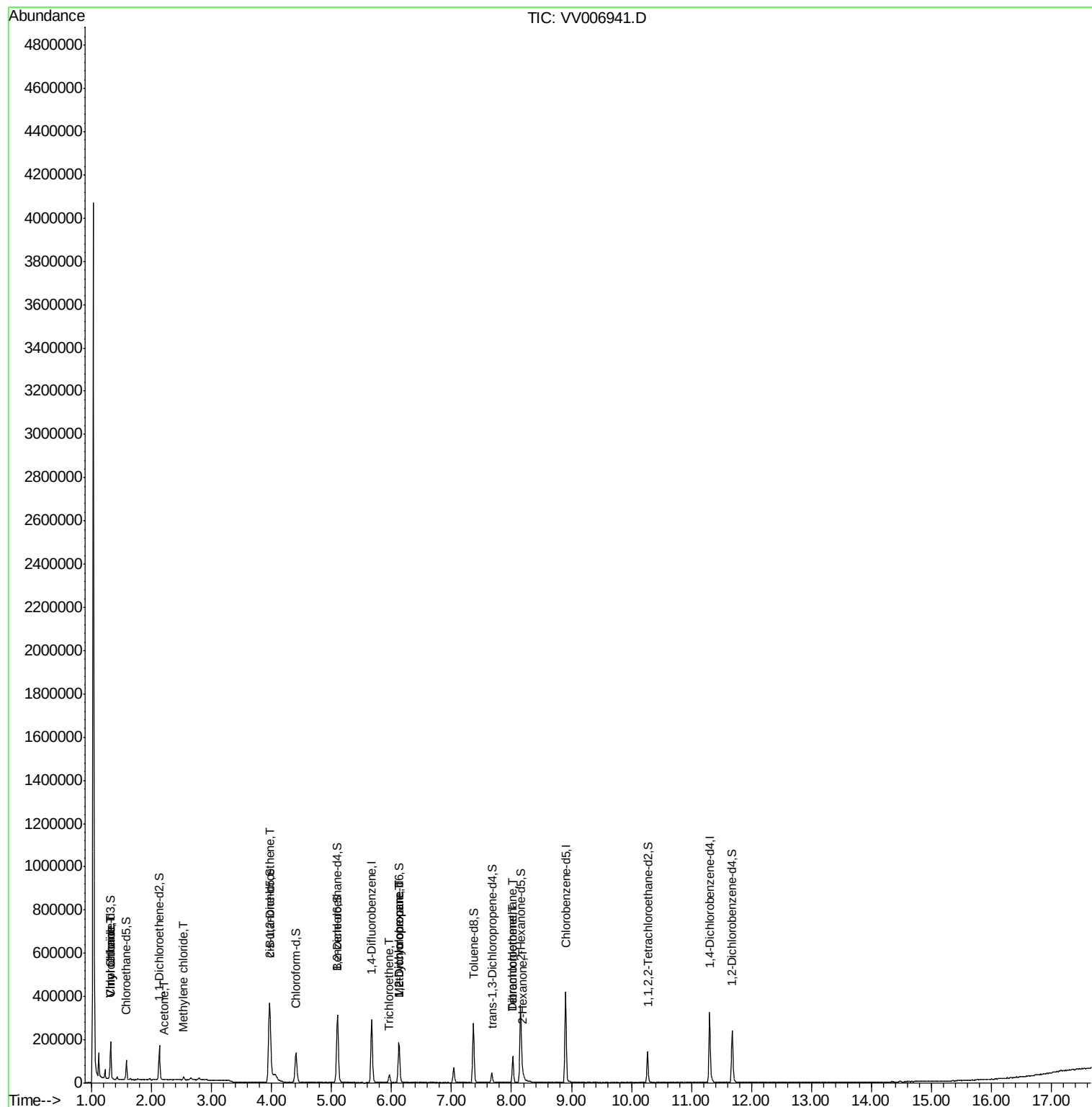
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	1.32	62	64226	2.856	ug/L	99
8) Chloroethane	1.32	64	19712	1.391	ug/L #	53
13) Acetone	2.22	43	1638	0.548	ug/L	94
16) Methylene chloride	2.54	84	5604	0.273	ug/L	94
22) cis-1,2-Dichloroethene	3.97	96	145451	8.460	ug/L	98
34) Trichloroethene	5.96	95	12028	0.711	ug/L	92
35) Methylcyclohexane	6.12	83	19992	0.761	ug/L #	15
37) 1,2-Dichloropropane	6.12	63	9603	0.475	ug/L #	88
47) Tetrachloroethene	8.02	164	27632	2.147	ug/L	98
48) 2-Hexanone	8.20	43	5068	0.642	ug/L #	41
49) Dibromochloromethane	8.03	129	23725	1.769	ug/L #	9

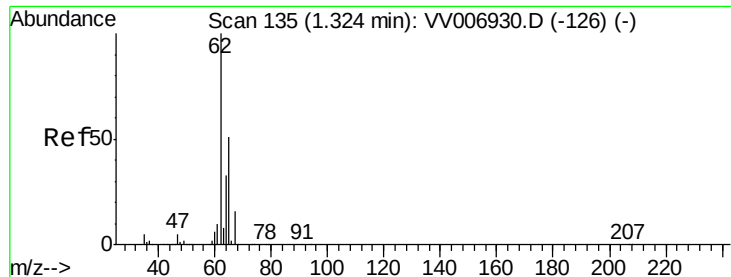
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 2.856 ug/L

RT: 1.32 min Scan# 134

Delta R.T. -0.00 min

Lab File: VV006941.D

Acq: 08 Aug 2018 18:31

Instrument :

MSVOA_V

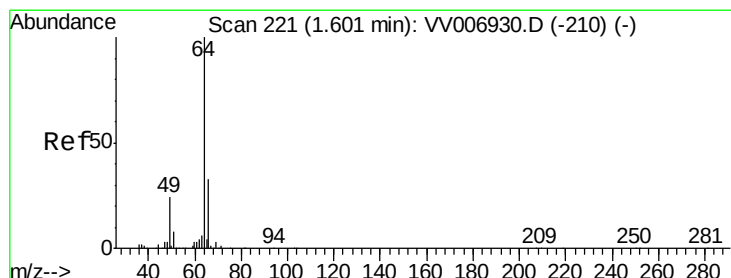
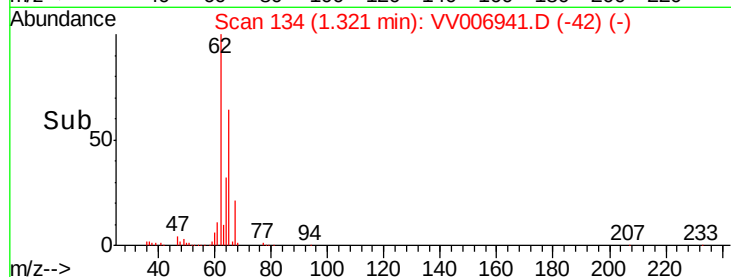
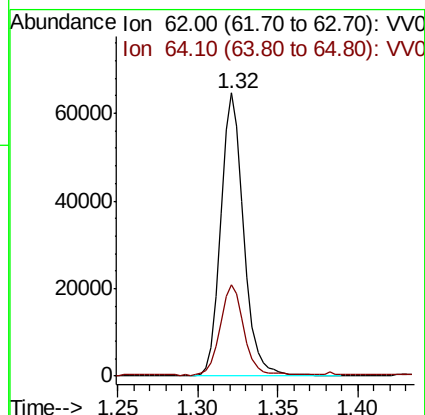
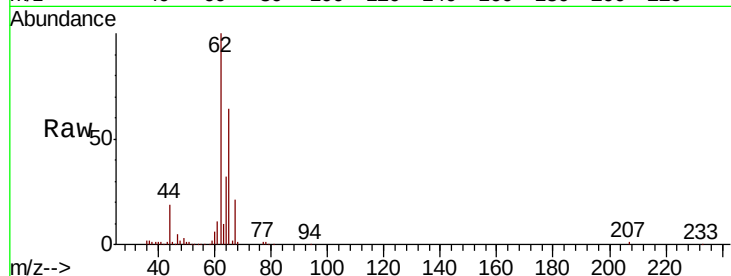
ClientSampleId :

Tot Ion: 62 Resp: 64226

Ion Ratio Lower Upper

62 100

64 32.3 22.1 41.1



#8

Chloroethane

Concen: 1.391 ug/L

RT: 1.32 min Scan# 134

Delta R.T. -0.28 min

Lab File: VV006941.D

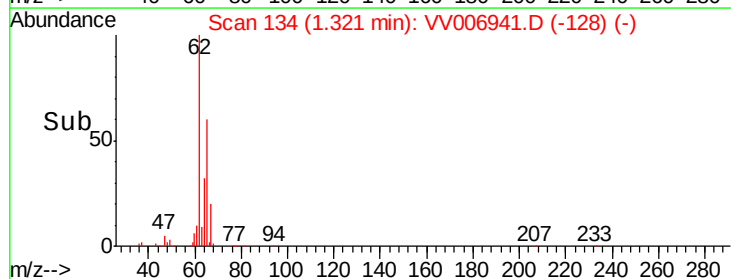
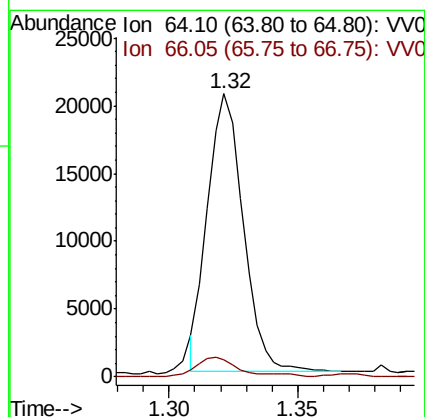
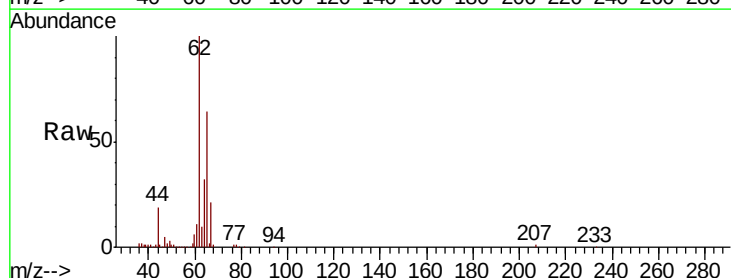
Acq: 08 Aug 2018 18:31

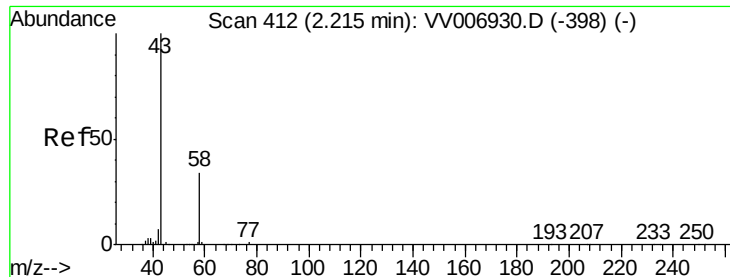
Tgt Ion: 64 Resp: 19712

Ion Ratio Lower Upper

64 100

66 6.0 22.6 42.0#





#13

Acetone

Concen: 0.548 ug/L

RT: 2.22 min Scan# 413

Delta R.T. 0.00 min

Lab File: VV006941.D

Acq: 08 Aug 2018 18:31

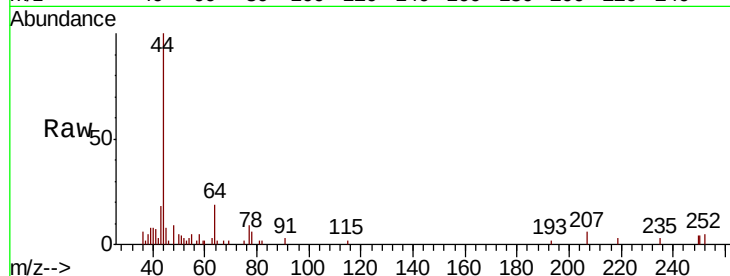
Instrument :
MSVOA_V
ClientSampled :

Tot Ion: 43 Resp: 1638

Ion Ratio Lower Upper

43 100

58 30.7 0.0 68.0

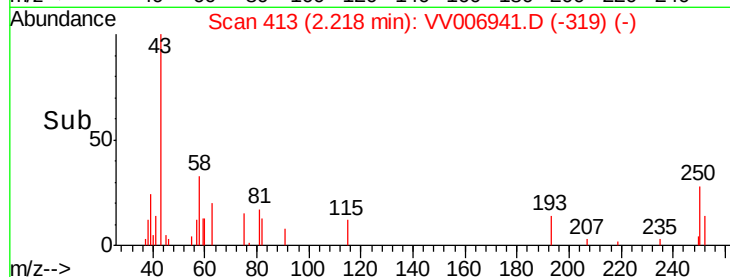


Abundance Ion 43.05 (42.75 to 43.75): VV006941.D (-398) (-)

Ion 58.05 (57.75 to 58.75): VV006941.D (-398) (-)

2.22

Time-->

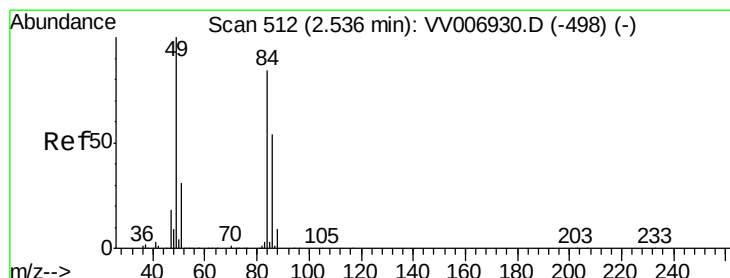


Abundance Ion 43.05 (42.75 to 43.75): VV006941.D (-398) (-)

Ion 58.05 (57.75 to 58.75): VV006941.D (-398) (-)

2.22

Time-->



#16

Methylene chloride

Concen: 0.273 ug/L

RT: 2.54 min Scan# 512

Delta R.T. 0.00 min

Lab File: VV006941.D

Acq: 08 Aug 2018 18:31

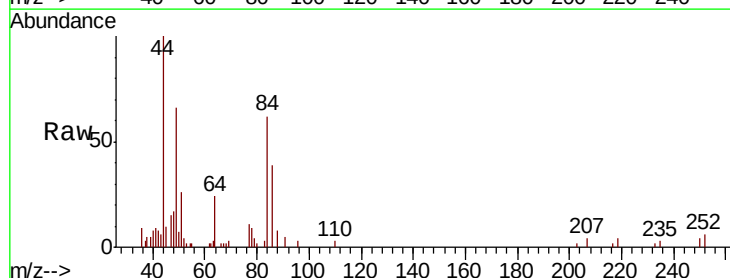
Tgt Ion: 84 Resp: 5604

Ion Ratio Lower Upper

84 100

86 64.0 43.6 81.0

49 118.0 88.6 164.6



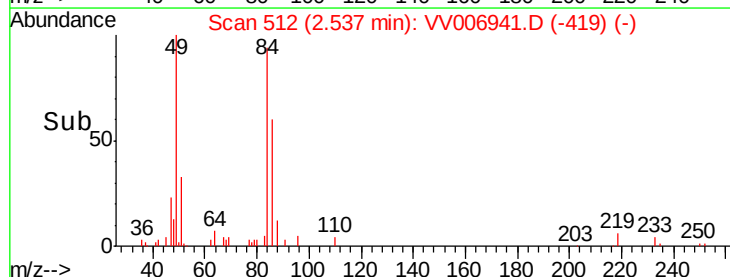
Abundance Ion 84.05 (83.75 to 84.75): VV006941.D (-419) (-)

Ion 86.00 (85.70 to 86.70): VV006941.D (-419) (-)

Ion 49.10 (48.80 to 49.80): VV006941.D (-419) (-)

2.54

Time-->



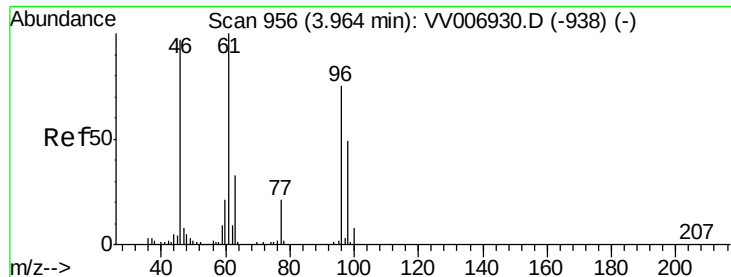
Abundance Ion 84.05 (83.75 to 84.75): VV006941.D (-419) (-)

Ion 86.00 (85.70 to 86.70): VV006941.D (-419) (-)

Ion 49.10 (48.80 to 49.80): VV006941.D (-419) (-)

2.54

Time-->

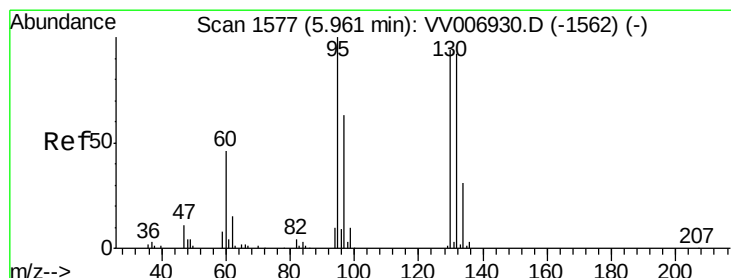
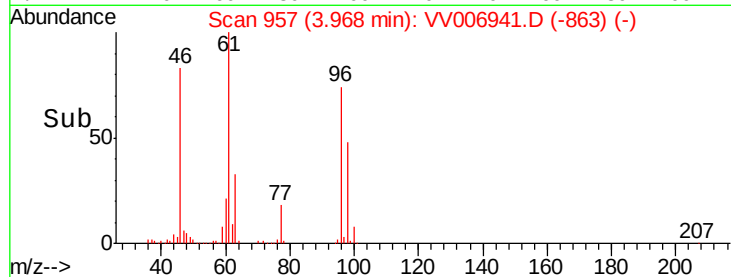
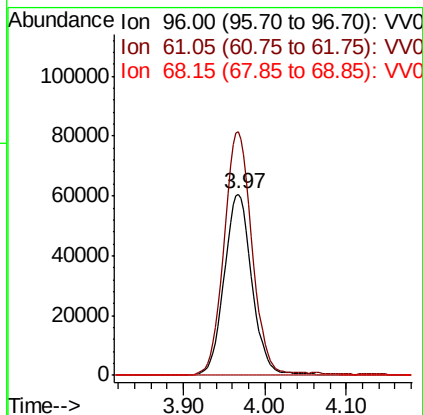
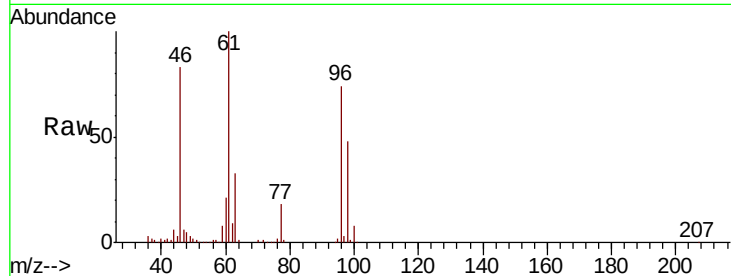


#22

cis-1,2-Dichloroethene
Concen: 8.460 ug/L
RT: 3.97 min Scan# 957
Delta R.T. 0.00 min
Lab File: VV006941.D
Acq: 08 Aug 2018 18:31

Instrument :
MSVOA_V
ClientSampled :

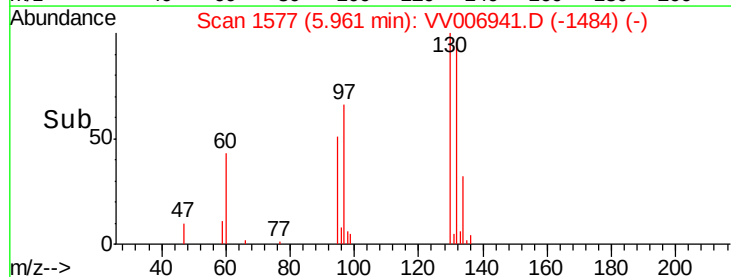
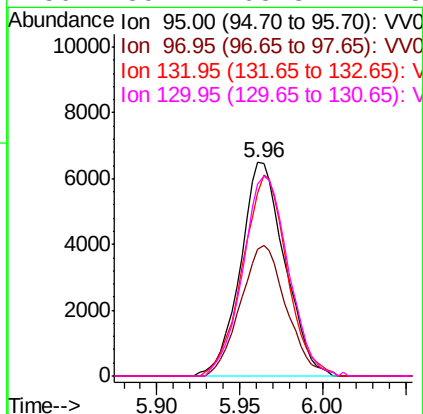
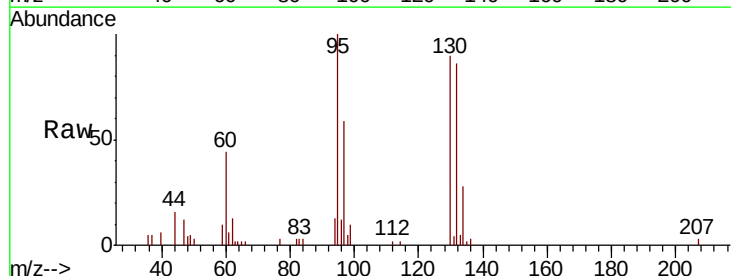
Tot Ion: 96 Resp: 145451
Ion Ratio Lower Upper
96 100
61 134.3 95.5 177.4
68 0.0 0.0 0.0

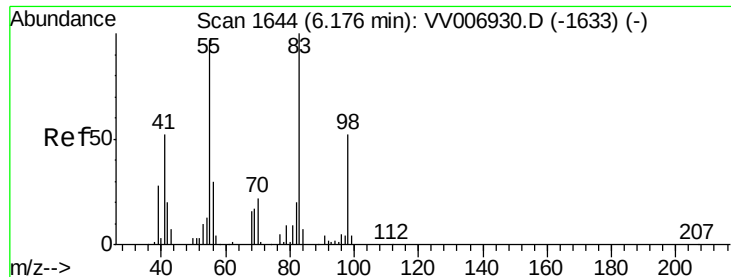


#34

Trichloroethene
Concen: 0.711 ug/L
RT: 5.96 min Scan# 1577
Delta R.T. 0.00 min
Lab File: VV006941.D
Acq: 08 Aug 2018 18:31

Tgt Ion: 95 Resp: 12028
Ion Ratio Lower Upper
95 100
97 59.1 44.4 82.4
132 85.7 65.6 121.8
130 89.7 68.8 127.8

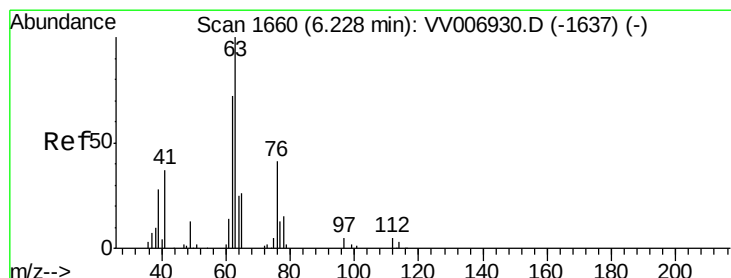
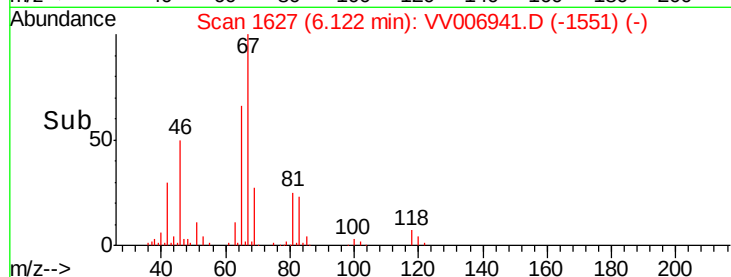
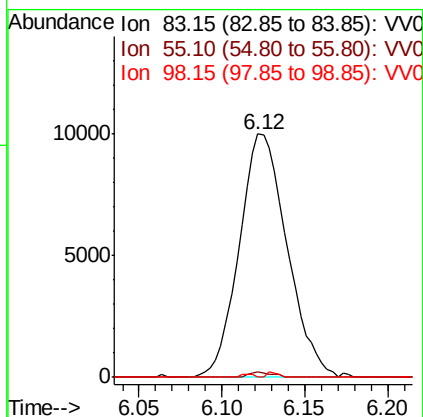
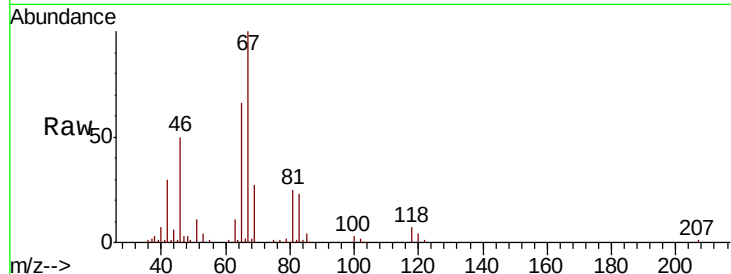




#35
Methylvlcyclohexane
Concen: 0.761 ug/L
RT: 6.12 min Scan# 1627
Delta R.T. -0.05 min
Lab File: VV006941.D
Acq: 08 Aug 2018 18:31

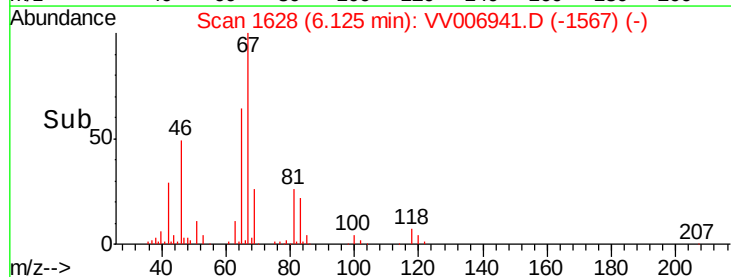
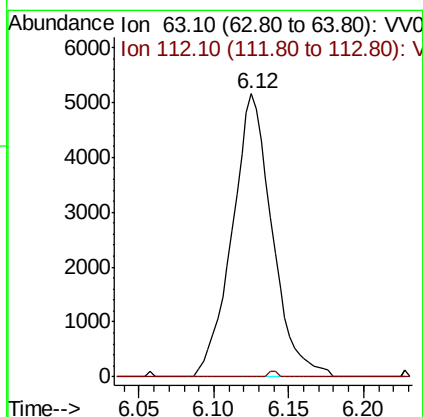
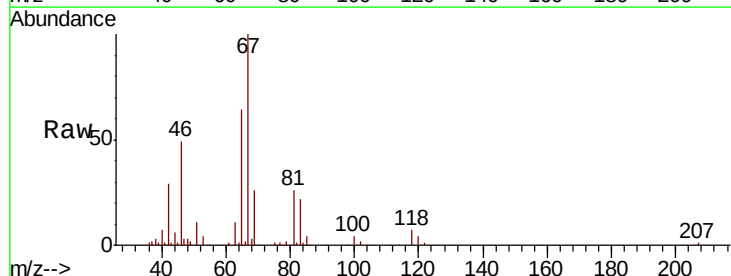
Instrument :
MSVOA_V
ClientSampleId :

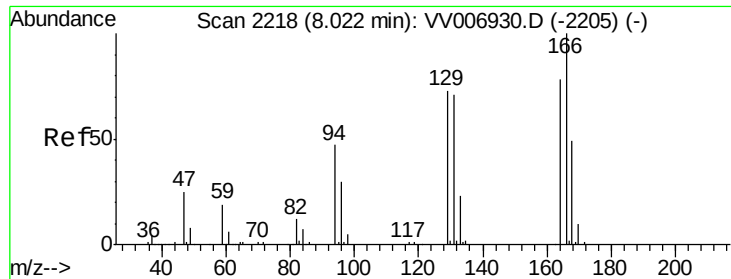
Tot Ion: 83 Resp: 19992
Ion Ratio Lower Upper
83 100
55 1.1 69.8 104.8#
98 0.4 36.4 54.6#



#37
1,2-Dichloropropane
Concen: 0.475 ug/L
RT: 6.12 min Scan# 1628
Delta R.T. -0.10 min
Lab File: VV006941.D
Acq: 08 Aug 2018 18:31

Tgt Ion: 63 Resp: 9603
Ion Ratio Lower Upper
63 100
112 0.4 3.5 5.3#

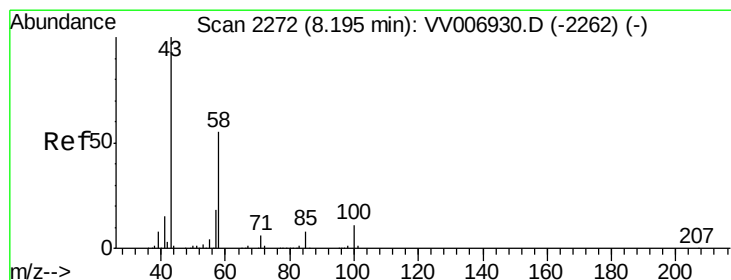
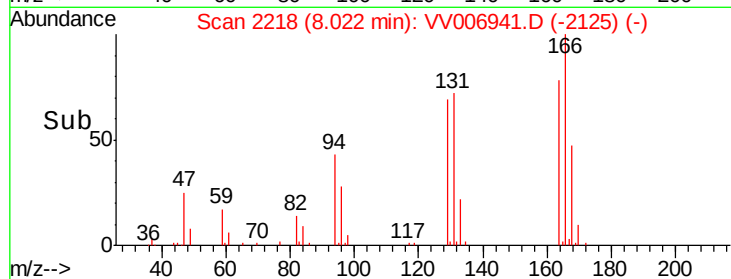
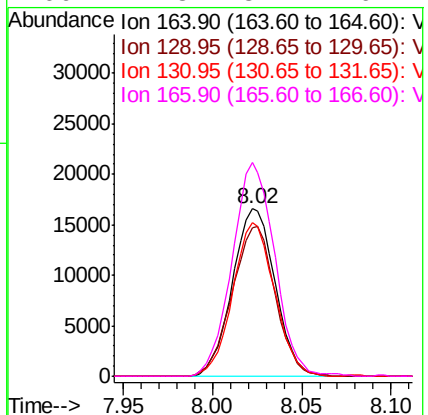
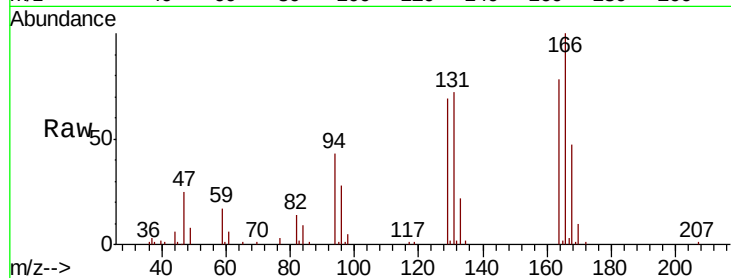




#47
Tetrachloroethene
Concen: 2.147 ug/L
RT: 8.02 min Scan# 2218
Delta R.T. 0.00 min
Lab File: VV006941.D
Acq: 08 Aug 2018 18:31

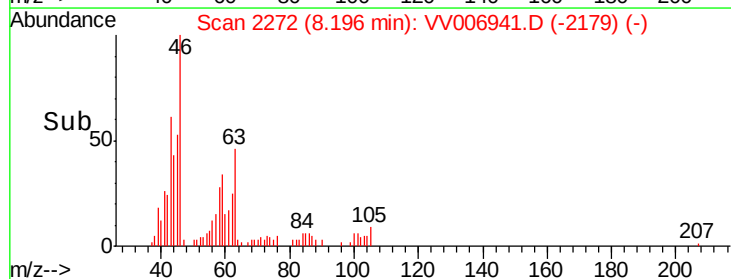
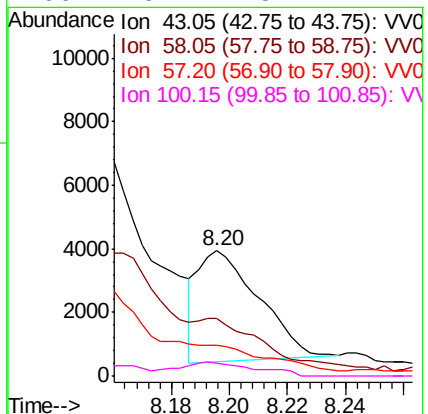
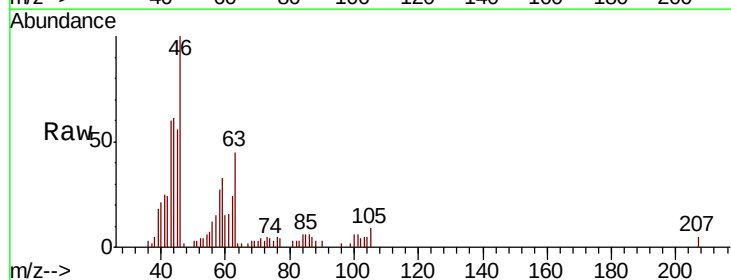
Instrument :
MSVOA_V
ClientSampleId :

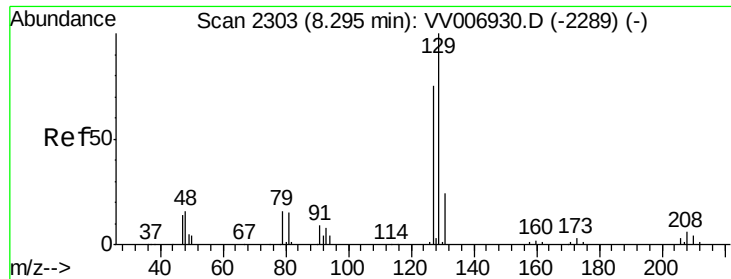
Tot Ion:	164	Resp:	27632
Ion	Ratio	Lower	Upper
164	100		
129	88.6	63.1	117.3
131	91.9	62.3	115.7
166	127.8	87.4	162.4



#48
2-Hexanone
Concen: 0.642 ug/L
RT: 8.20 min Scan# 2272
Delta R.T. 0.00 min
Lab File: VV006941.D
Acq: 08 Aug 2018 18:31

Tgt Ion:	43	Resp:	5068
Ion	Ratio	Lower	Upper
43	100		
58	0.0	42.0	63.0#
57	0.0	14.1	21.1#
100	15.7	8.1	12.1#





#49

Dibromochloromethane

Concen: 1.769 ug/L

RT: 8.03 min Scan# 2219

Delta R.T. -0.27 min

Lab File: VV006941.D

Acq: 08 Aug 2018 18:31

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion:129 Resp: 23725

Ion Ratio Lower Upper

129 100

127 0.0 57.0 105.8#

