

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV080818\
 Data File : VV006932.D
 Acq On : 08 Aug 2018 14:30
 Operator : SY/MD
 Sample : J4357-17
 Misc : 25 mL/MSVOA V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 09 07:06:58 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	183751	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	176725	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	68360	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	76473	6.94	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	138.80%#
7) Chloroethane-d5	1.58	69	60073	5.57	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	111.40%
11) 1,1-Dichloroethene-d2	2.13	63	96960	4.28	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	85.60%
20) 2-Butanone-d5	3.96	46	171132	48.68	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.36%
24) Chloroform-d	4.41	84	122445	5.29	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.80%
26) 1,2-Dichloroethane-d4	5.09	65	66028	5.36	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.20%
32) Benzene-d6	5.10	84	237181	5.48	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	109.60%
36) 1,2-Dichloropropane-d6	6.12	67	82213	5.22	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.40%
41) Toluene-d8	7.37	98	182407	4.87	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.40%
43) trans-1,3-Dichloropropene-	7.67	79	25480	5.02	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	100.40%
46) 2-Hexanone-d5	8.15	63	81076	38.42	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	76.84%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	59870	5.07	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.40%
64) 1,2-Dichlorobenzene-d4	11.68	152	62886	5.69	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	113.80%

Target Compounds

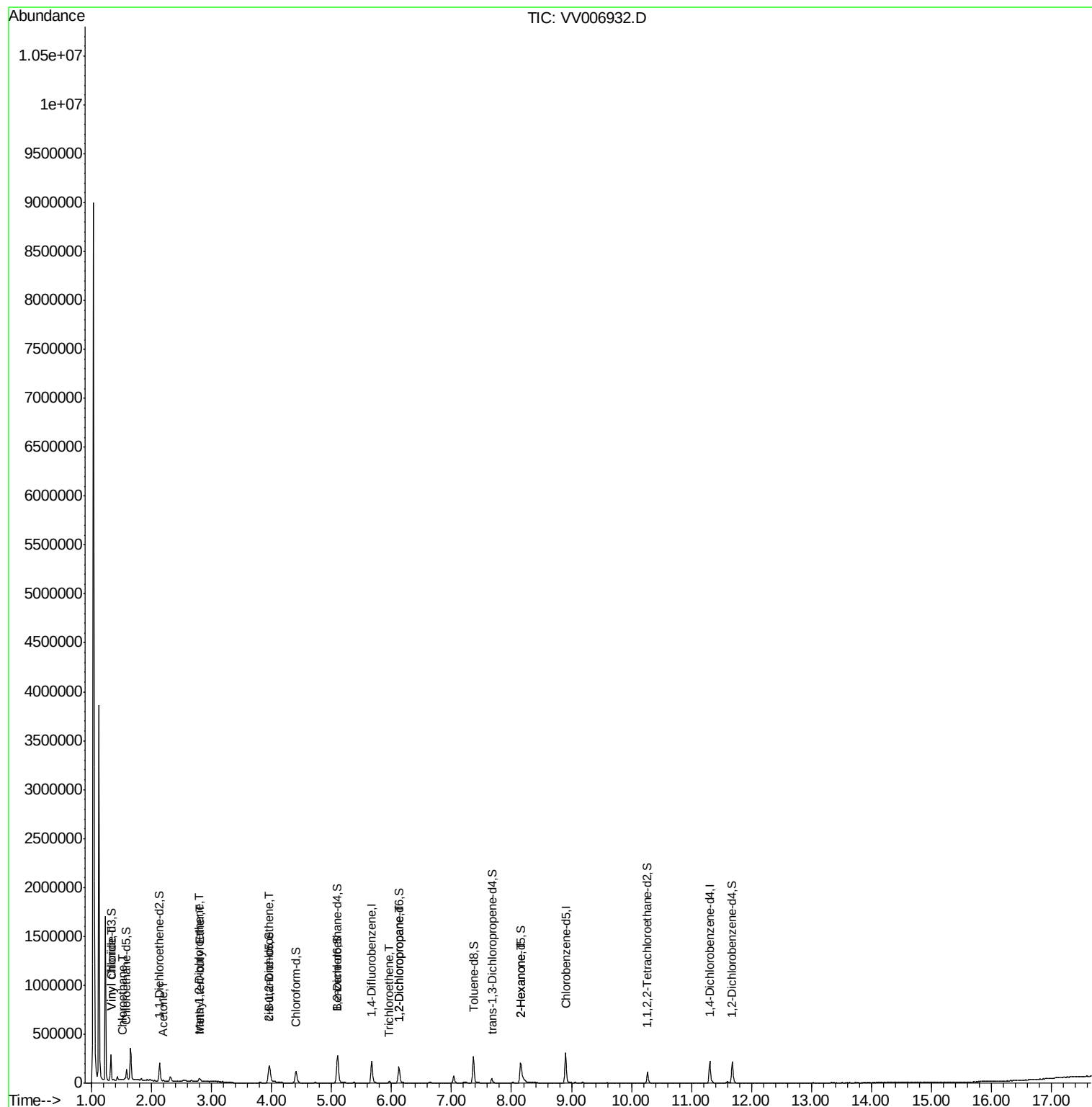
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	1.33	62	79215	4.586	ug/L	94
8) Chloroethane	1.52	64	68733	6.315	ug/L #	51
13) Acetone	2.20	43	6408	2.793	ug/L	92
17) Methyl tert-butyl Ether	2.82	73	13666	0.433	ug/L #	13
18) trans-1,2-Dichloroethene	2.80	96	2881	0.218	ug/L	94
22) cis-1,2-Dichloroethene	3.97	96	47266	3.579	ug/L	94
34) Trichloroethene	5.96	95	5419	0.427	ug/L	91
37) 1,2-Dichloropropane	6.13	63	8857	0.585	ug/L #	87
48) 2-Hexanone	8.16	43	11246	1.901	ug/L #	53

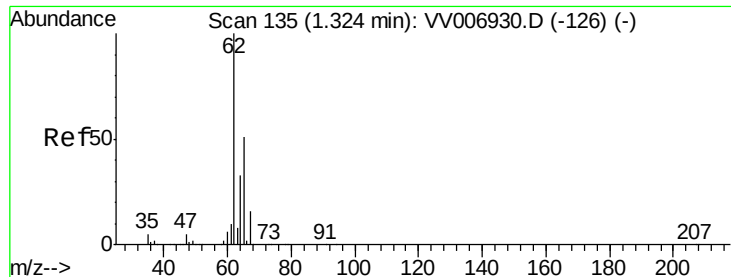
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 4.586 ug/L

RT: 1.33 min Scan# 136

Delta R.T. 0.00 min

Lab File: VV006932.D

Acq: 08 Aug 2018 14:30

Instrument :

MSVOA_V

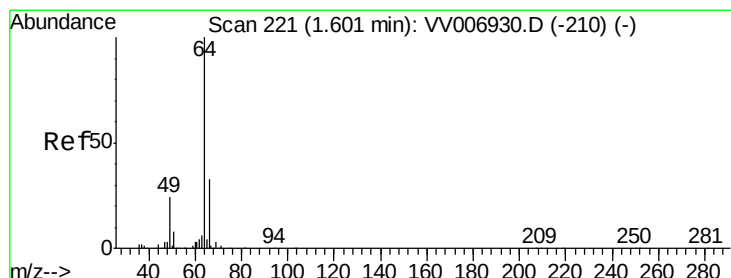
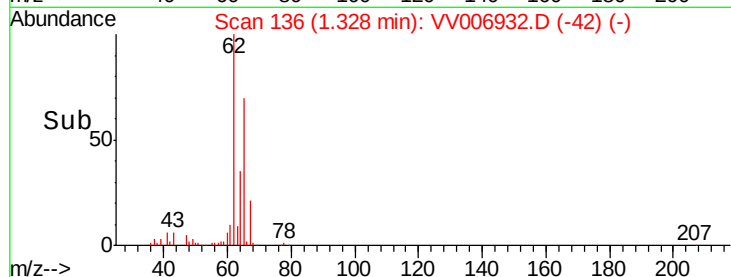
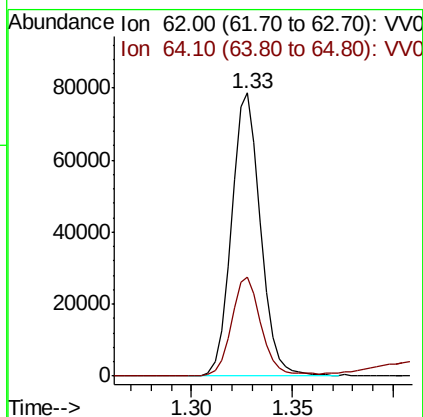
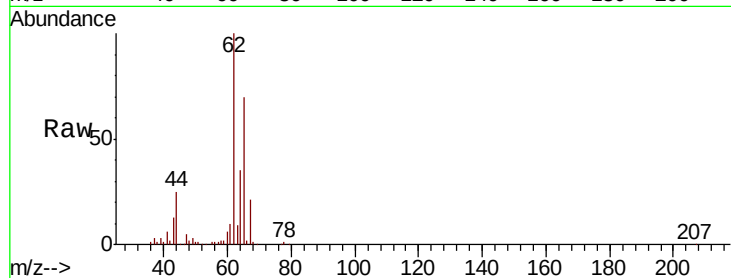
ClientSampleId :

Tot Ion: 62 Resp: 79215

Ion Ratio Lower Upper

62 100

64 35.0 22.1 41.1



#8

Chloroethane

Concen: 6.315 ug/L

RT: 1.52 min Scan# 196

Delta R.T. -0.08 min

Lab File: VV006932.D

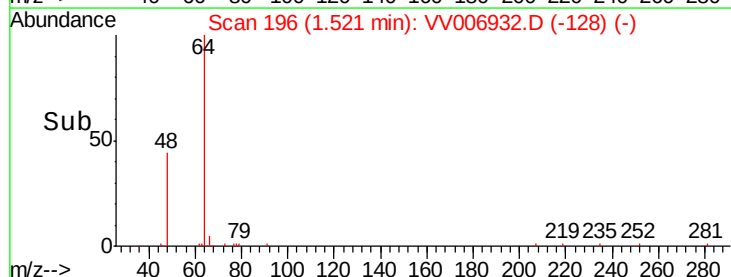
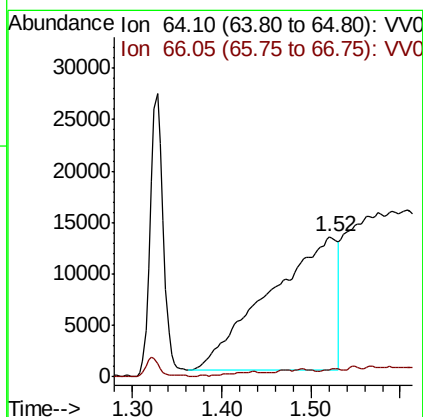
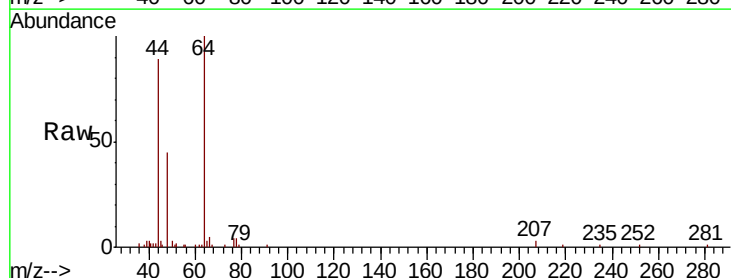
Acq: 08 Aug 2018 14:30

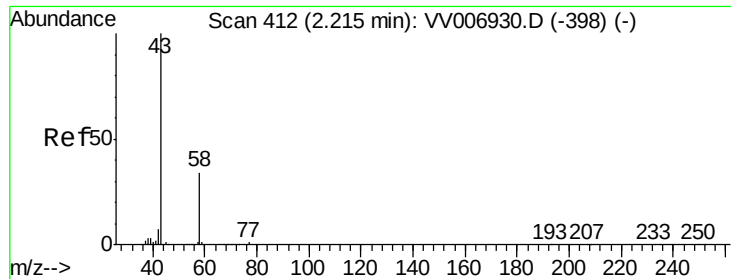
Tgt Ion: 64 Resp: 68733

Ion Ratio Lower Upper

64 100

66 5.1 22.6 42.0#

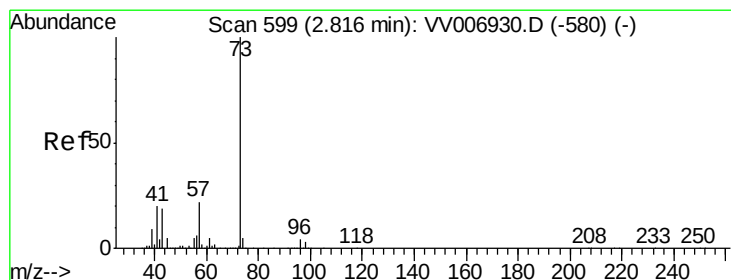
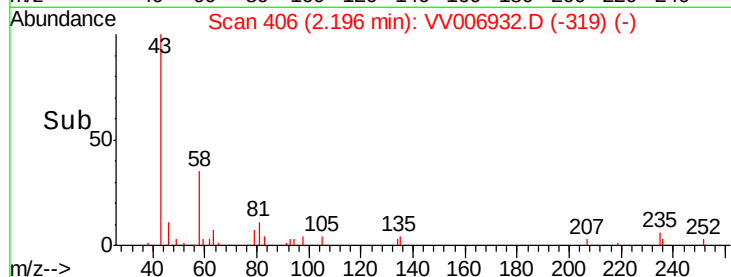
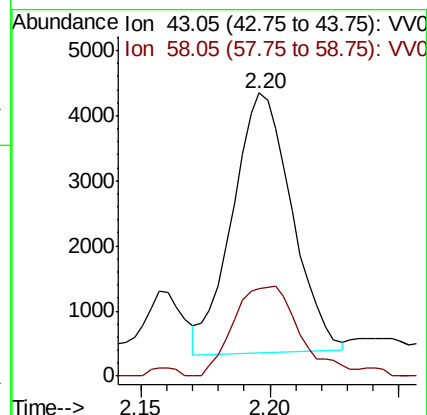
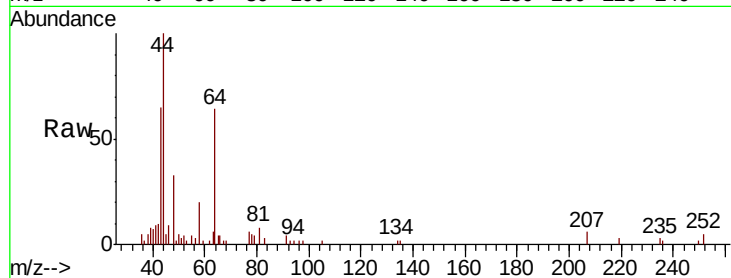




#13
Acetone
Concen: 2.793 ug/L
RT: 2.20 min Scan# 406
Delta R.T. -0.02 min
Lab File: VV006932.D
Acq: 08 Aug 2018 14:30

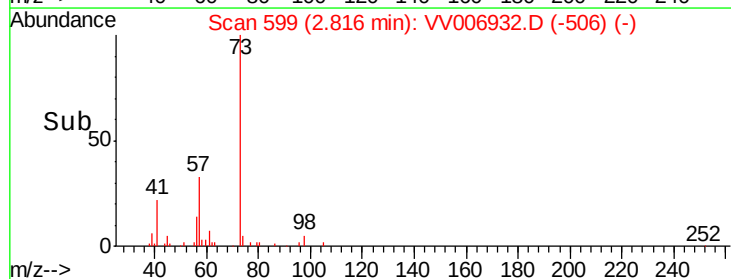
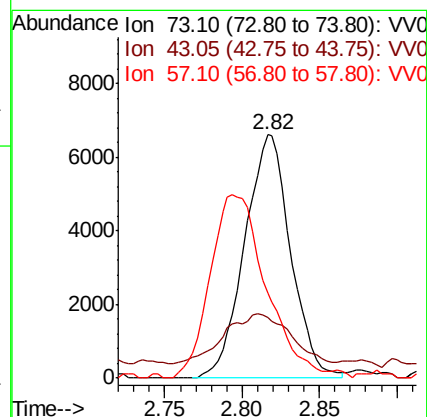
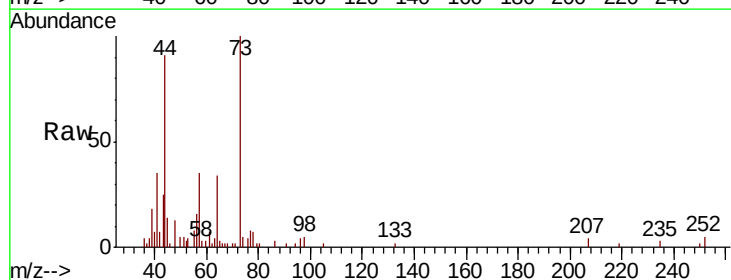
Instrument :
MSVOA_V
ClientSampleId :

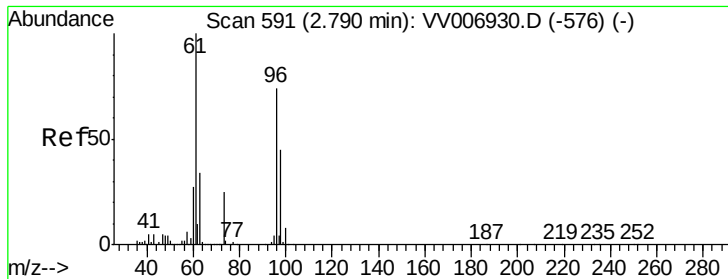
Tot Ion: 43 Resp: 6408
Ion Ratio Lower Upper
43 100
58 38.7 0.0 68.0



#17
Methyl tert-butyl Ether
Concen: 0.433 ug/L
RT: 2.82 min Scan# 599
Delta R.T. 0.00 min
Lab File: VV006932.D
Acq: 08 Aug 2018 14:30

Tgt Ion: 73 Resp: 13666
Ion Ratio Lower Upper
73 100
43 29.1 15.3 22.9#
57 91.6 18.8 28.2#

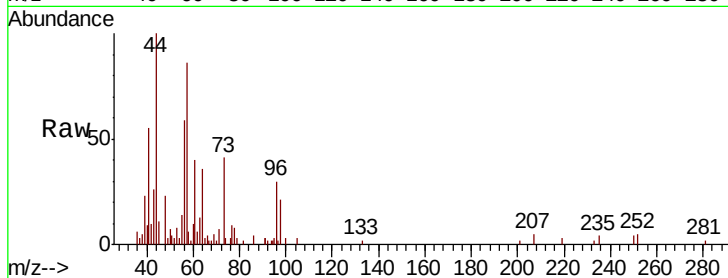




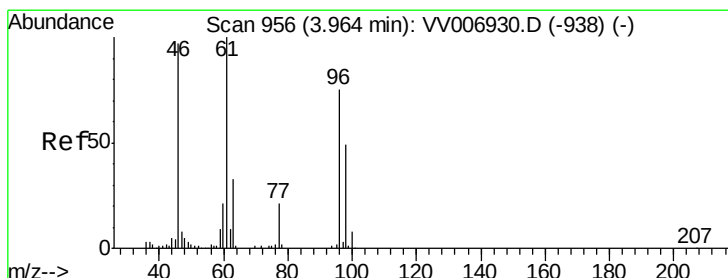
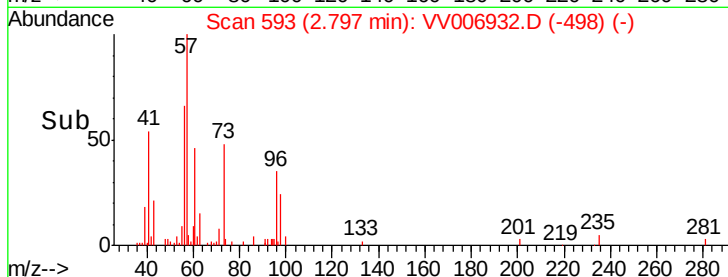
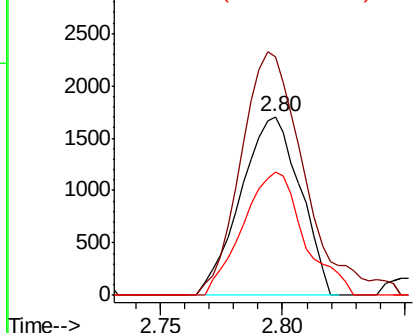
#18
 trans-1,2-Dichloroethene
 Concen: 0.218 ug/L
 RT: 2.80 min Scan# 593
 Delta R.T. 0.01 min
 Lab File: VV006932.D
 Acq: 08 Aug 2018 14:30

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion: 96 Resp: 2881
 Ion Ratio Lower Upper
 96 100
 61 133.7 97.3 180.7
 98 68.9 42.8 79.6

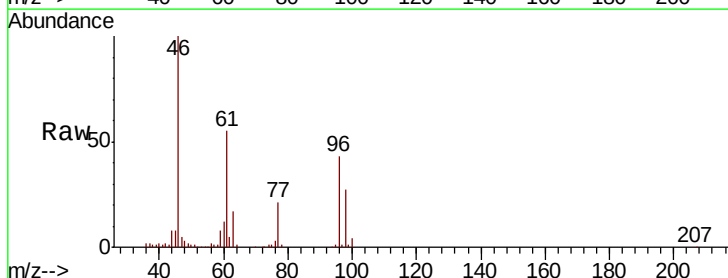


Abundance Ion 96.00 (95.70 to 96.70): VV0
 Ion 61.05 (60.75 to 61.75): VV0
 Ion 97.95 (97.65 to 98.65): VV0

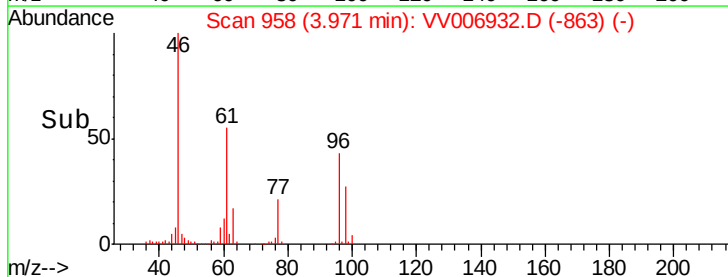
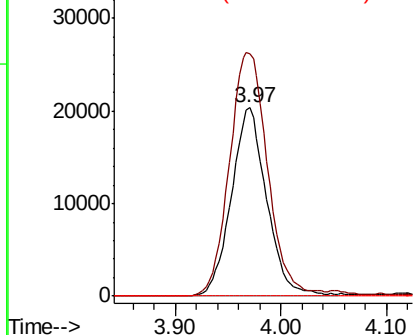


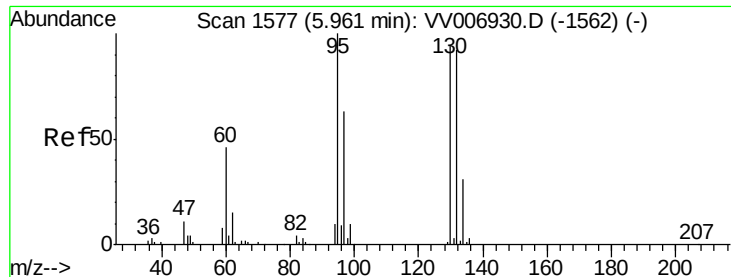
#22
 cis-1,2-Dichloroethene
 Concen: 3.579 ug/L
 RT: 3.97 min Scan# 958
 Delta R.T. 0.01 min
 Lab File: VV006932.D
 Acq: 08 Aug 2018 14:30

Tgt Ion: 96 Resp: 47266
 Ion Ratio Lower Upper
 96 100
 61 128.9 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

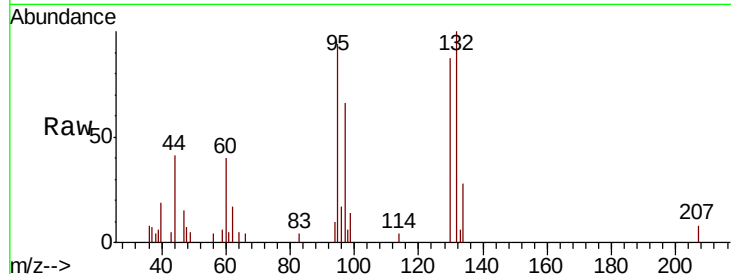




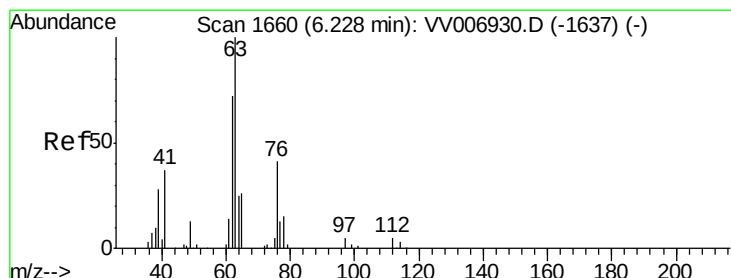
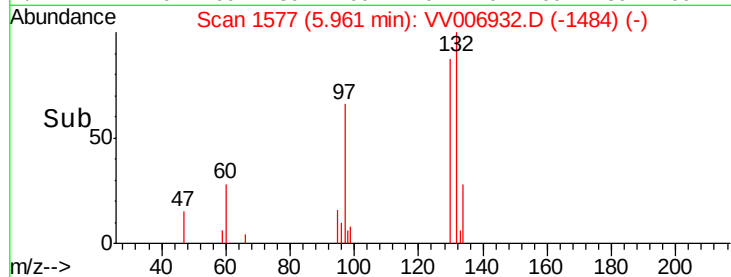
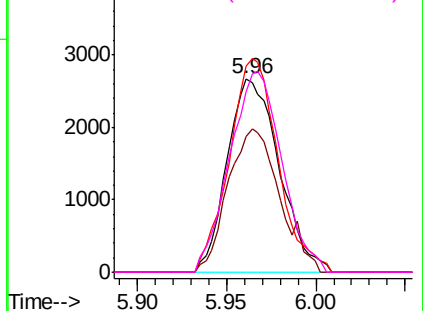
#34
 Trichloroethene
 Concen: 0.427 ug/L
 RT: 5.96 min Scan# 1577
 Delta R.T. 0.00 min
 Lab File: VV006932.D
 Acq: 08 Aug 2018 14:30

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion:	95	Resp:	5419
Ion	Ratio	Lower	Upper
95	100		
97	70.1	44.4	82.4
132	106.6	65.6	121.8
130	93.0	68.8	127.8

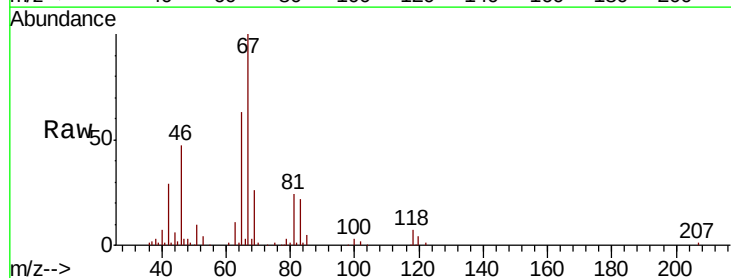


Abundance Ion 95.00 (94.70 to 95.70): VV0
 Ion 96.95 (96.65 to 97.65): VV0
 Ion 131.95 (131.65 to 132.65): V
 Ion 129.95 (129.65 to 130.65): V

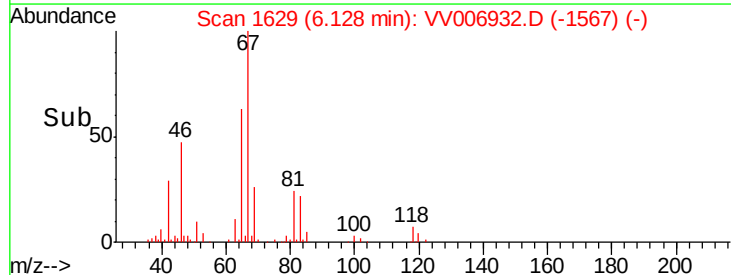
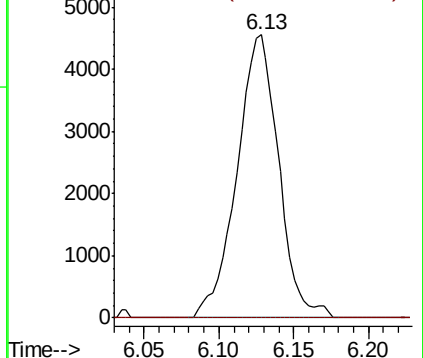


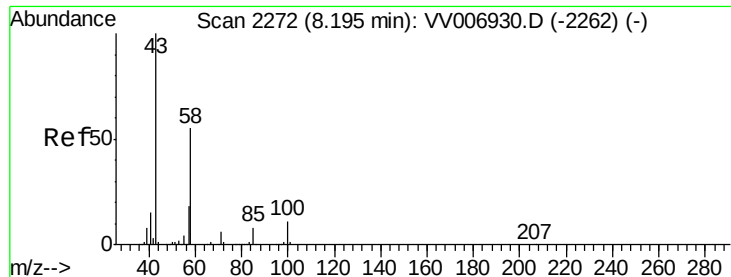
#37
 1,2-Dichloropropane
 Concen: 0.585 ug/L
 RT: 6.13 min Scan# 1629
 Delta R.T. -0.10 min
 Lab File: VV006932.D
 Acq: 08 Aug 2018 14:30

Tgt Ion:	63	Resp:	8857
Ion	Ratio	Lower	Upper
63	100		
112	0.2	3.5	5.3#



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





#48
 2-Hexanone
 Concen: 1.901 ug/L
 RT: 8.16 min Scan# 2260
 Delta R.T. -0.04 min
 Lab File: VV006932.D
 Acq: 08 Aug 2018 14:30

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion: 43 Resp: 11246
 Ion Ratio Lower Upper
 43 100
 58 85.0 42.0 63.0#
 57 47.6 14.1 21.1#
 100 3.8 8.1 12.1#

