

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV080918\
 Data File : VV006970.D
 Acq On : 10 Aug 2018 00:27
 Operator : SY/MD
 Sample : J4357-20RE
 Misc : 25 mL/MSVOA V/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 10 02:37:41 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR080918WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Aug 10 02:34:57 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	251362	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	236628	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	95709	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	82158	5.06	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	101.20%
7) Chloroethane-d5	1.58	69	60810	4.42	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.40%
11) 1,1-Dichloroethene-d2	2.13	63	101897	3.35	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.00%
20) 2-Butanone-d5	3.97	46	291299	62.43	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	124.86%
24) Chloroform-d	4.41	84	148444	4.51	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.20%
26) 1,2-Dichloroethane-d4	5.09	65	81304	4.89	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.80%
32) Benzene-d6	5.10	84	286712	4.72	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.40%
36) 1,2-Dichloropropane-d6	6.12	67	100537	4.84	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.80%
41) Toluene-d8	7.36	98	212803	4.11	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.20%
43) trans-1,3-Dichloropropene-	7.67	79	30250	4.18	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.60%
46) 2-Hexanone-d5	8.15	63	134170	45.38	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.76%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	80092	4.94	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.80%
64) 1,2-Dichlorobenzene-d4	11.68	152	82133	4.93	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.60%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	1.32	62	843920	34.664	ug/L	88
8) Chloroethane	1.44	64	44131	2.987	ug/L #	51
12) 1,1-Dichloroethene	2.14	96	19008	1.053	ug/L #	40
13) Acetone	2.21	43	13734	5.716	ug/L	96
14) Carbon disulfide	2.32	76	16772	0.281	ug/L #	94
18) trans-1,2-Dichloroethene	2.79	96	106984	5.535	ug/L	99
21) 2-Butanone	4.05	43	5829	1.117	ug/L #	50
22) cis-1,2-Dichloroethene	3.97	96	10218293	465.900	ug/L	100
30) Cyclohexane	4.72	56	7305	0.222	ug/L	98
34) Trichloroethene	5.96	95	5516	0.281	ug/L	94
35) Methylcyclohexane	6.12	83	23690	0.751	ug/L #	16
37) 1,2-Dichloropropane	6.12	63	10553	0.470	ug/L #	87
47) Tetrachloroethene	8.02	164	6159	0.386	ug/L	93
48) 2-Hexanone	8.20	43	17378	2.033	ug/L	90
49) Dibromochloromethane	8.02	129	5606	0.366	ug/L #	11
53) m,p-xylene	9.19	106	7284	0.248	ug/L	98

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Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Aug 10 02:34:57 2018
Response via : Initial Calibration

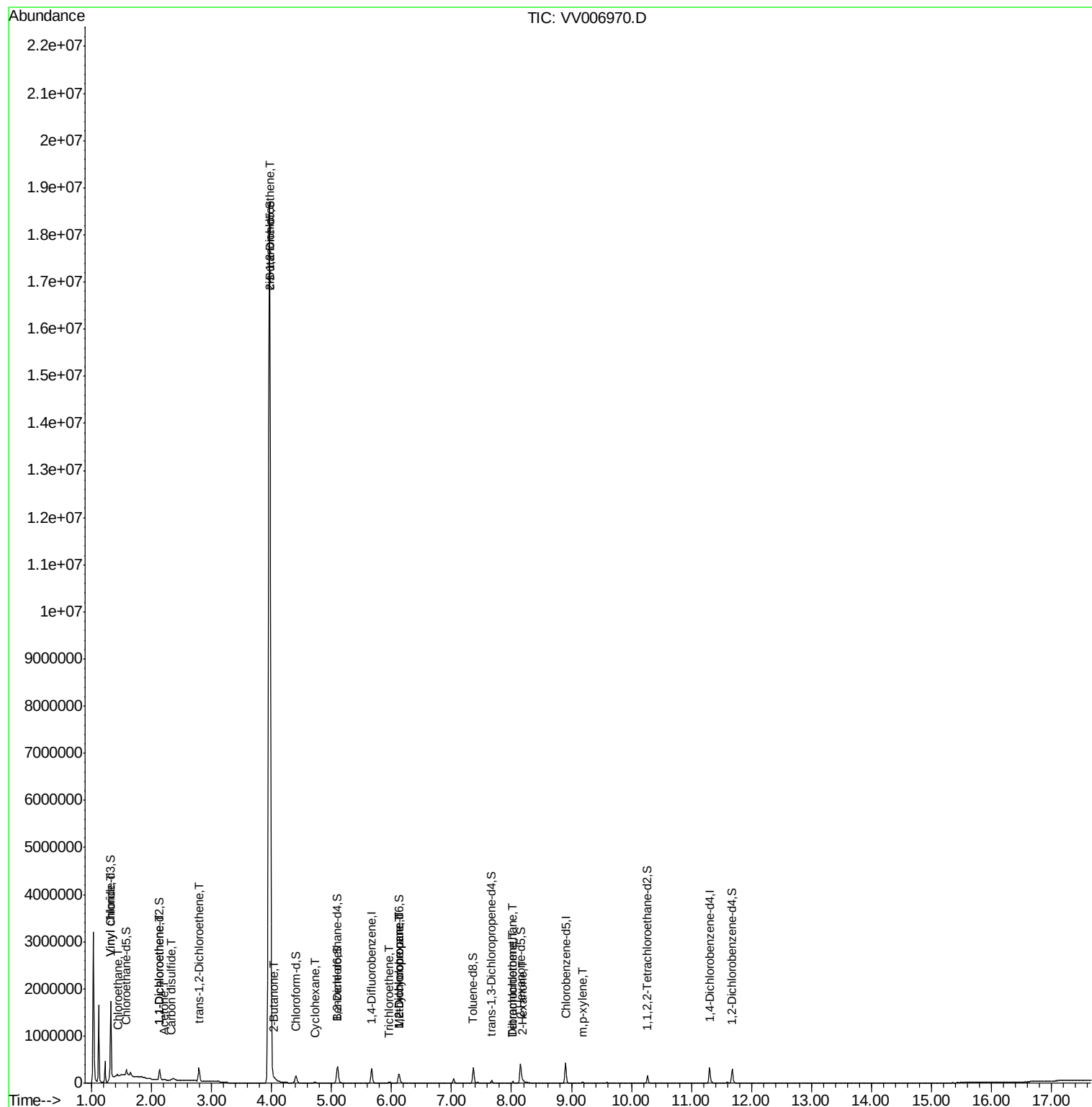
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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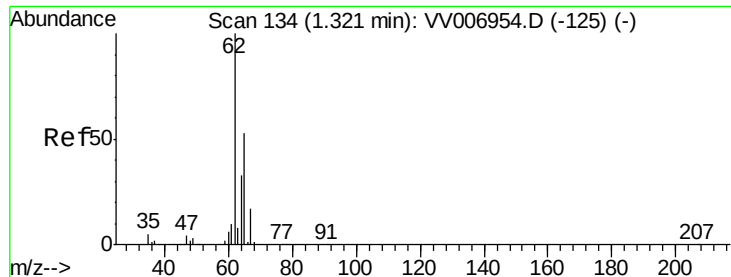
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV080918\
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Sample : J4357-20RE
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#5

Vinyl chloride

Concen: 34.664 ug/L

RT: 1.32 min Scan# 134

Delta R.T. -0.00 min

Lab File: VV006970.D

Acq: 10 Aug 2018 00:27

Instrument :

MSVOA_V

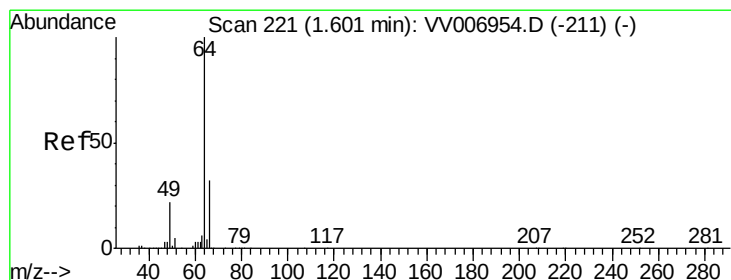
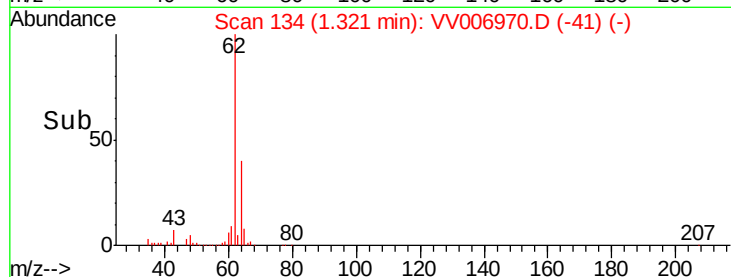
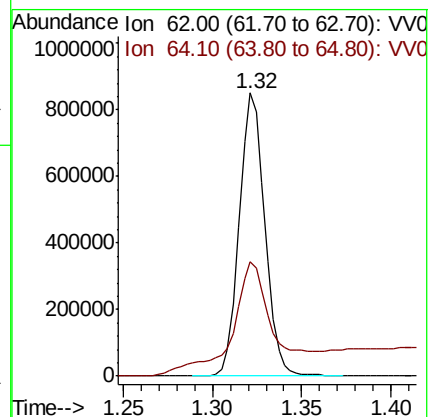
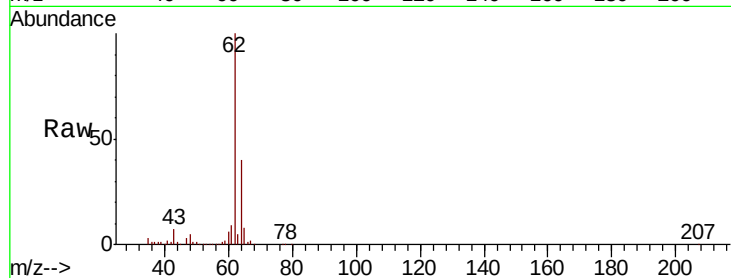
ClientSampled :

Tot Ion: 62 Resp: 843920

Ion Ratio Lower Upper

62 100

64 40.4 23.5 43.7



#8

Chloroethane

Concen: 2.987 ug/L

RT: 1.44 min Scan# 172

Delta R.T. -0.16 min

Lab File: VV006970.D

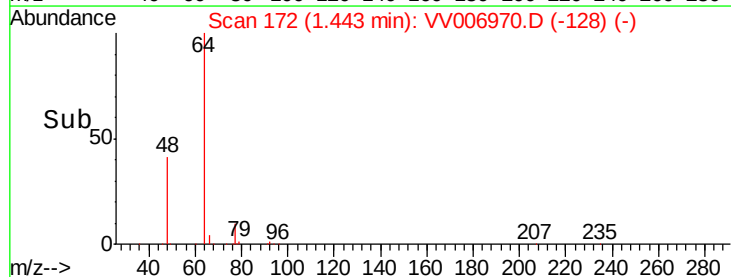
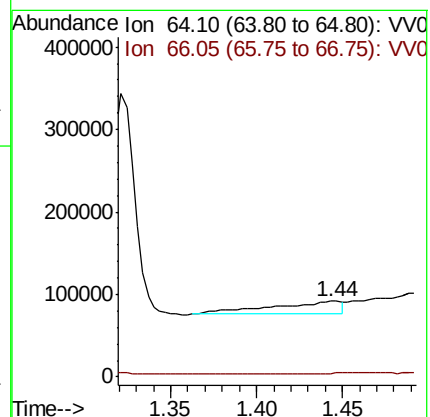
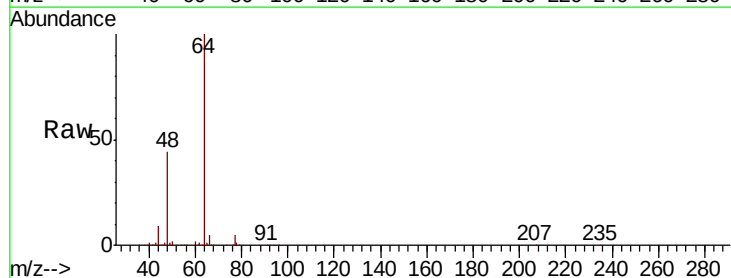
Acq: 10 Aug 2018 00:27

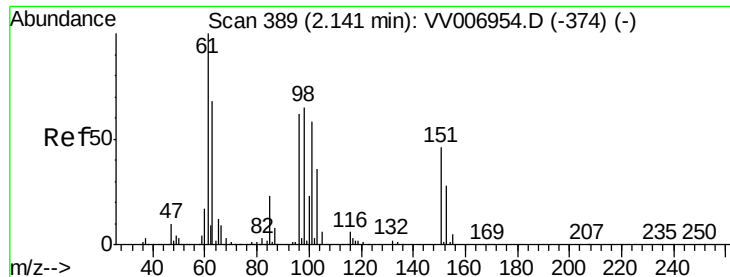
Tgt Ion: 64 Resp: 44131

Ion Ratio Lower Upper

64 100

66 4.7 22.6 42.0#

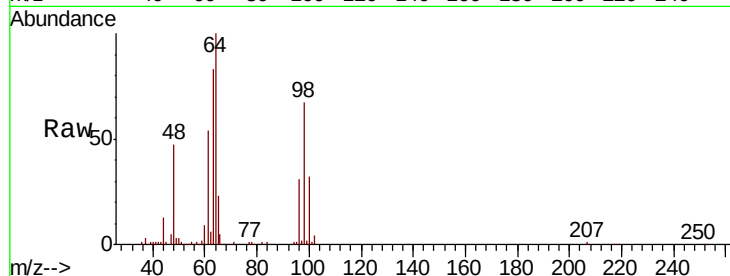




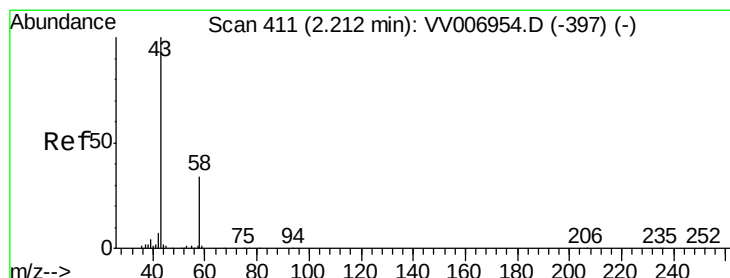
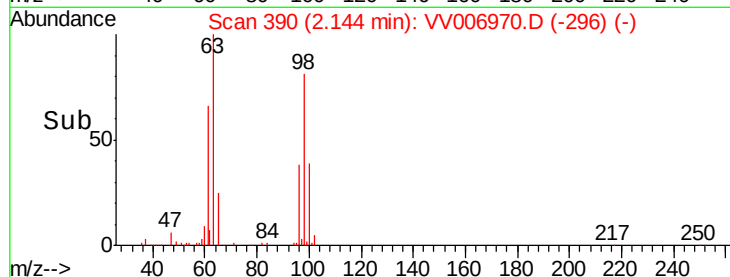
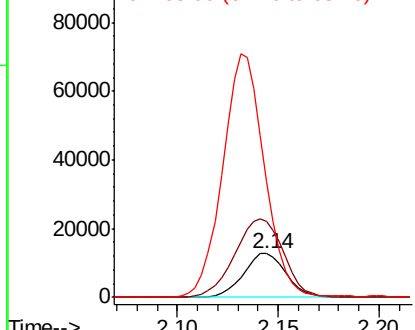
#12
 1,1-Dichloroethene
 Concen: 1.053 ug/L
 RT: 2.14 min Scan# 390
 Delta R.T. 0.00 min
 Lab File: VV006970.D
 Acq: 10 Aug 2018 00:27

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion: 96 Resp: 19008
 Ion Ratio Lower Upper
 96 100
 61 171.8 111.6 207.4
 63 262.8 84.9 157.7#

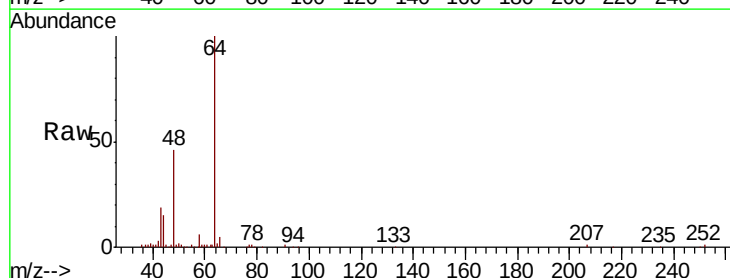


Abundance Ion 96.00 (95.70 to 96.70): VV0
 Ion 61.05 (60.75 to 61.75): VV0
 Ion 63.00 (62.70 to 63.70): VV0

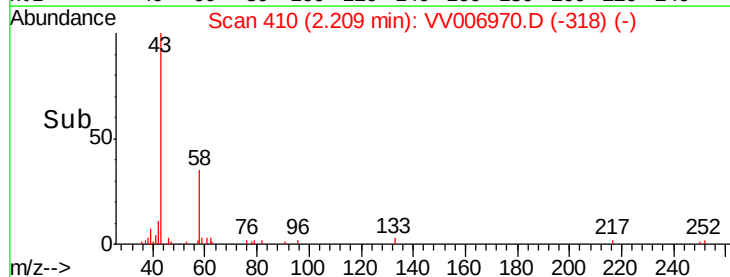
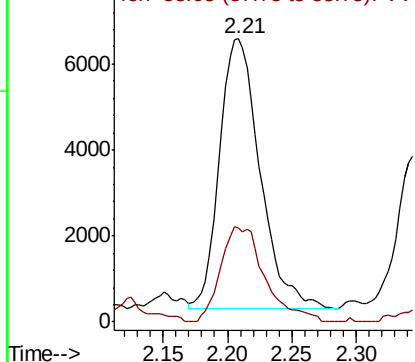


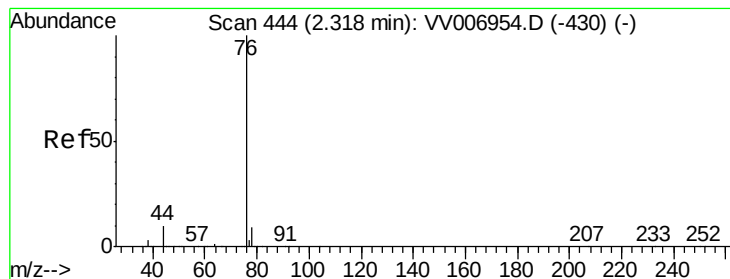
#13
 Acetone
 Concen: 5.716 ug/L
 RT: 2.21 min Scan# 410
 Delta R.T. -0.00 min
 Lab File: VV006970.D
 Acq: 10 Aug 2018 00:27

Tgt Ion: 43 Resp: 13734
 Ion Ratio Lower Upper
 43 100
 58 38.3 0.0 71.4



Abundance Ion 43.05 (42.75 to 43.75): VV0
 Ion 58.05 (57.75 to 58.75): VV0





#14

Carbon disulfide

Concen: 0.281 ug/L

RT: 2.32 min Scan# 445

Delta R.T. 0.00 min

Lab File: VV006970.D

Acq: 10 Aug 2018 00:27

Instrument :

MSVOA_V

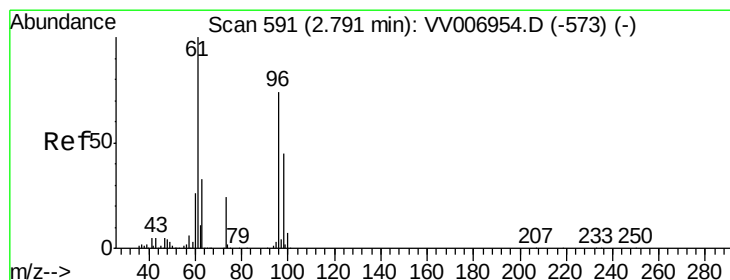
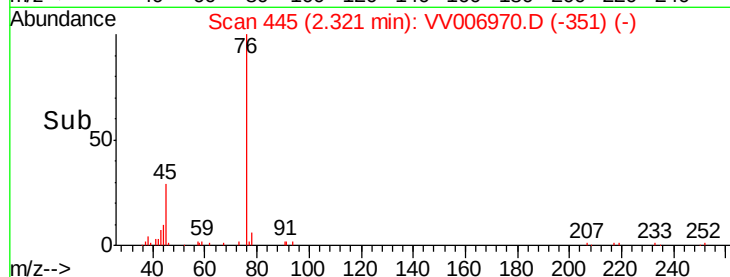
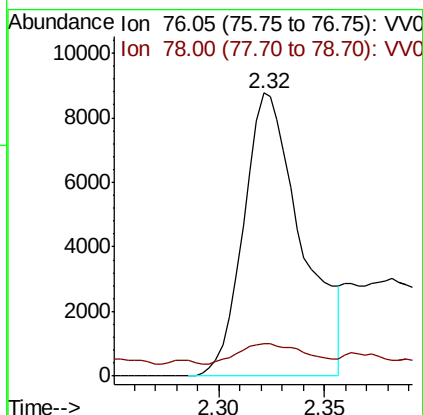
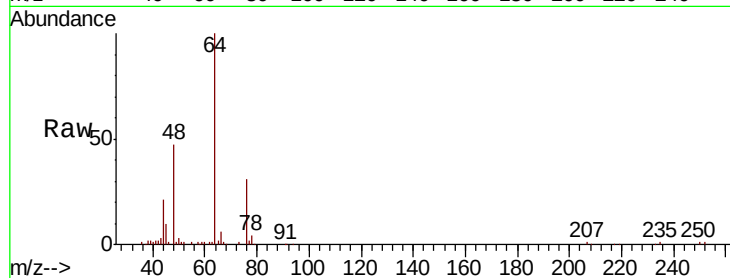
ClientSampleId :

Tot Ion: 76 Resp: 16772

Ion Ratio Lower Upper

76 100

78 11.7 7.6 11.4#



#18

trans-1,2-Dichloroethene

Concen: 5.535 ug/L

RT: 2.79 min Scan# 592

Delta R.T. 0.00 min

Lab File: VV006970.D

Acq: 10 Aug 2018 00:27

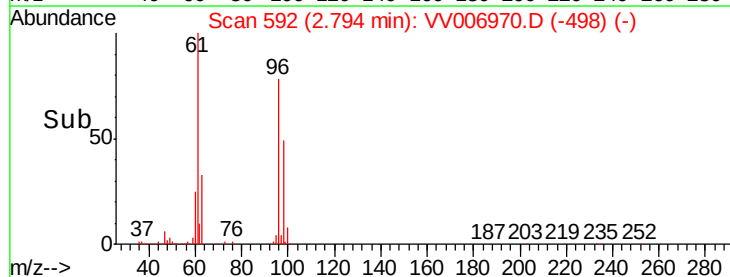
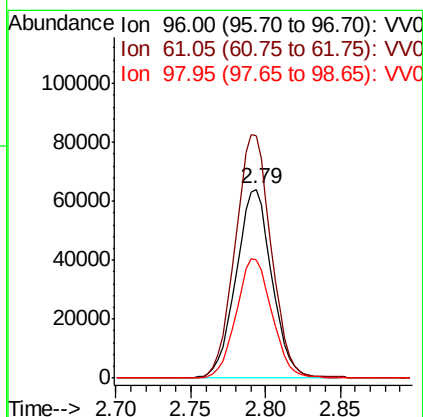
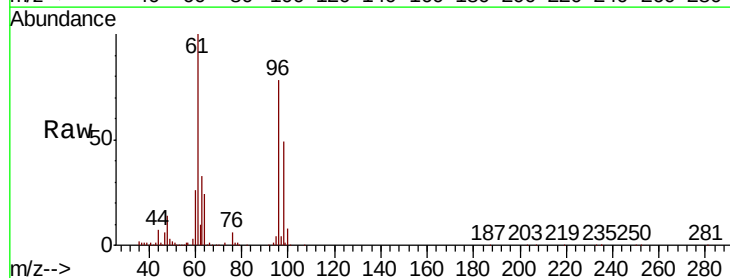
Tgt Ion: 96 Resp: 106984

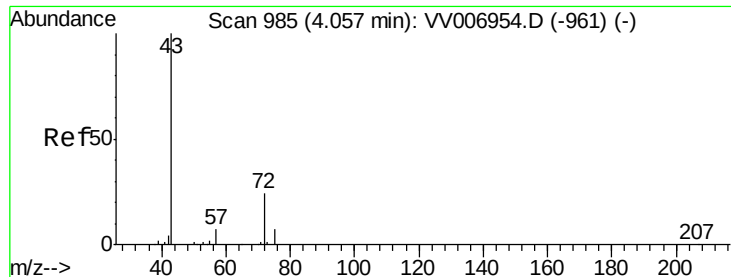
Ion Ratio Lower Upper

96 100

61 128.1 91.1 169.3

98 62.5 43.5 80.9





#21

2-Butanone

Concen: 1.117 ug/L

RT: 4.05 min Scan# 983

Delta R.T. -0.01 min

Lab File: VV006970.D

Acq: 10 Aug 2018 00:27

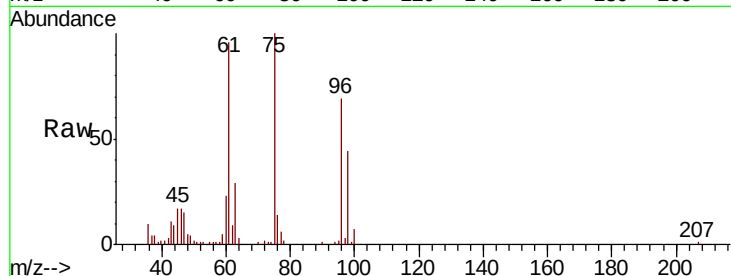
Instrument :
MSVOA_V
ClientSampled :

Tot Ion: 43 Resp: 5829

Ion Ratio Lower Upper

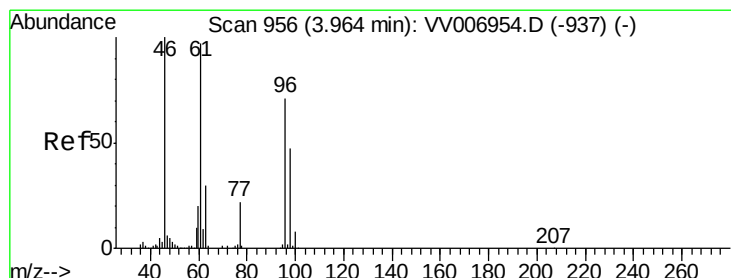
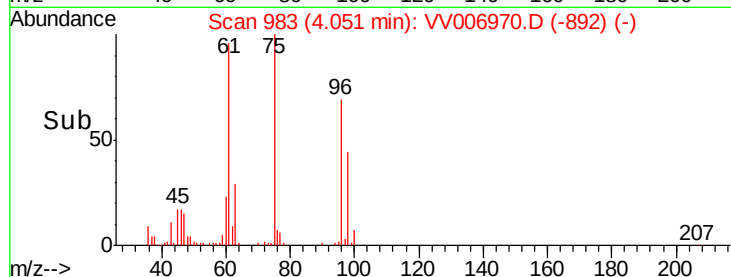
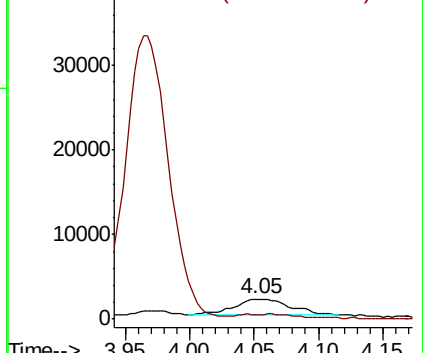
43 100

72 0.0 12.4 37.2#



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 72.10 (71.80 to 72.80): VV0



#22

cis-1,2-Dichloroethene

Concen: 465.900 ug/L

RT: 3.97 min Scan# 957

Delta R.T. 0.00 min

Lab File: VV006970.D

Acq: 10 Aug 2018 00:27

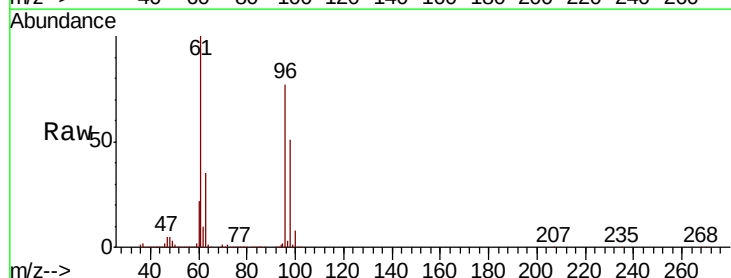
Tgt Ion: 96 Resp:10218293

Ion Ratio Lower Upper

96 100

61 129.9 91.1 169.1

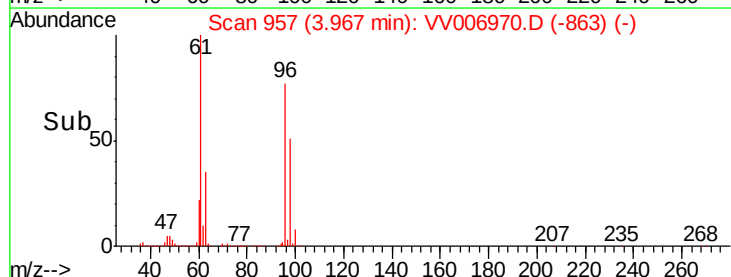
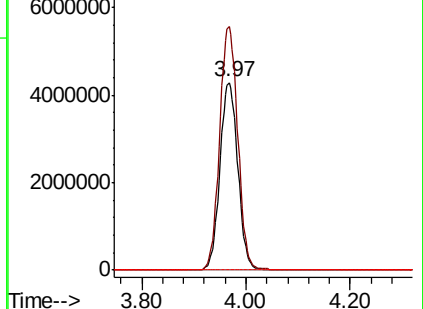
68 0.0 0.0 0.0

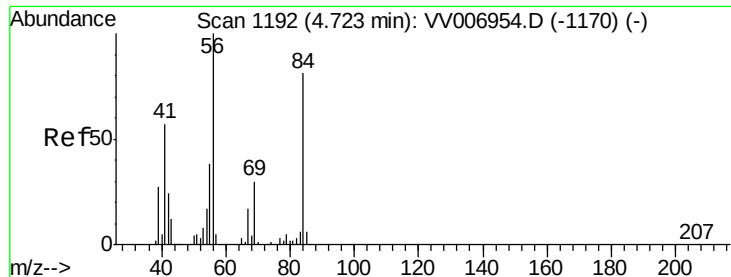


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 68.15 (67.85 to 68.85): VV0

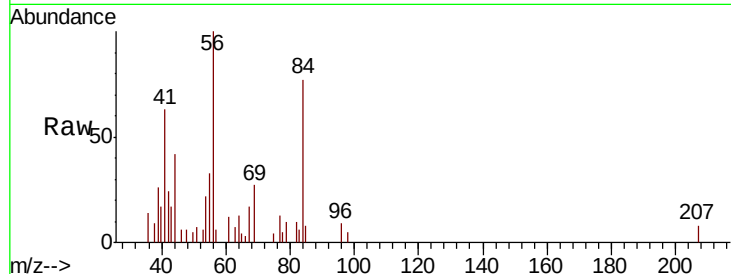




#30
Cyclohexane
Concen: 0.222 ug/L
RT: 4.72 min Scan# 1192
Delta R.T. -0.00 min
Lab File: VV006970.D
Acq: 10 Aug 2018 00:27

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion	56	Resp	7305
Ion Ratio	Lower	Upper	
56	100		
69	26.6	23.8	35.6
84	85.1	67.9	101.9

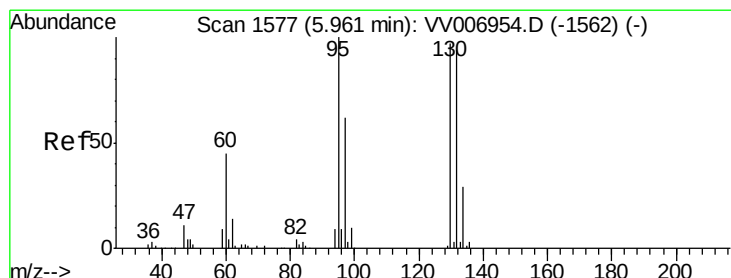
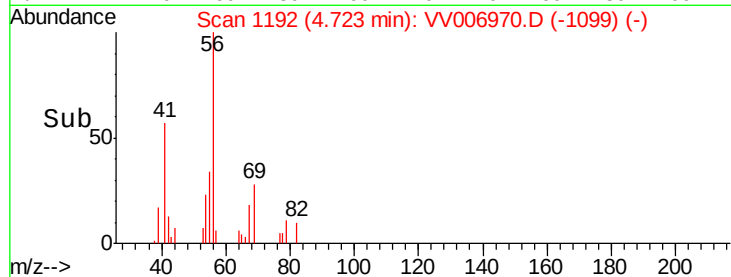
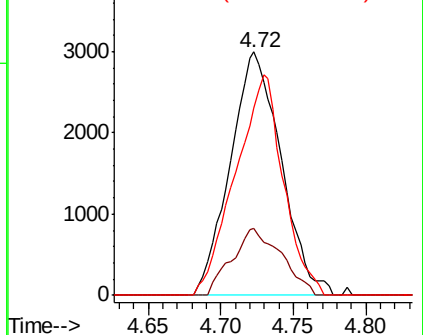


Abundance

Ion 56.10 (55.80 to 56.80): VV0

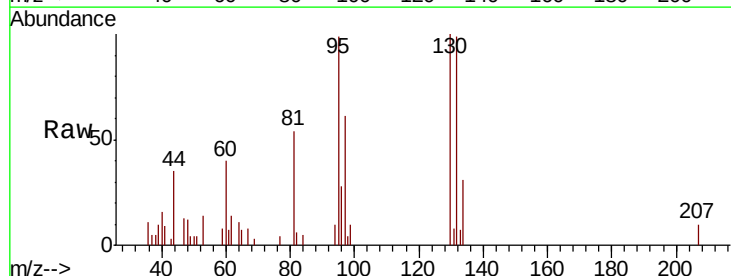
Ion 69.15 (68.85 to 69.85): VV0

Ion 84.15 (83.85 to 84.85): VV0



#34
Trichloroethene
Concen: 0.281 ug/L
RT: 5.96 min Scan# 1578
Delta R.T. 0.00 min
Lab File: VV006970.D
Acq: 10 Aug 2018 00:27

Tgt Ion	95	Resp	5516
Ion Ratio	Lower	Upper	
95	100		
97	61.3	44.8	83.2
132	99.9	65.5	121.6
130	100.6	66.4	123.4



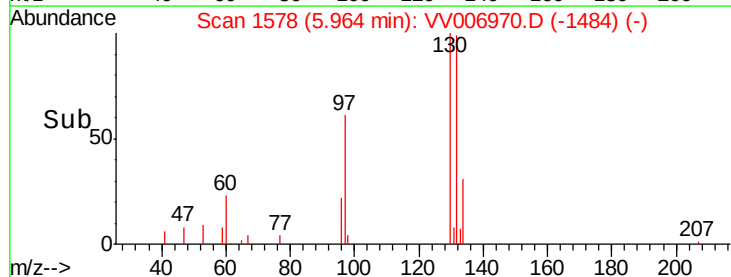
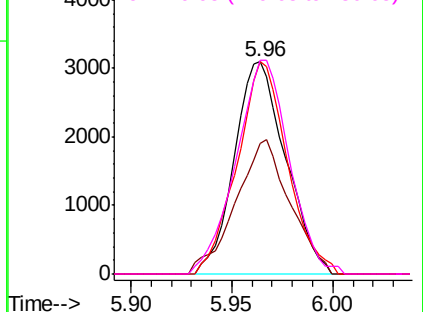
Abundance

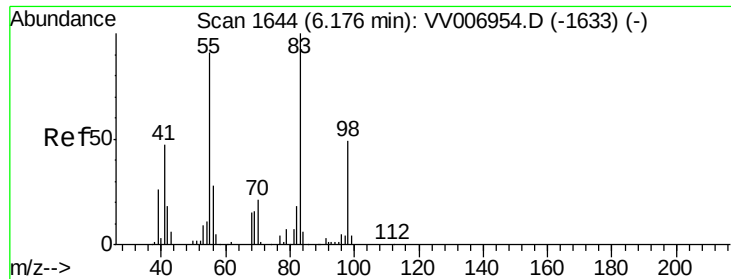
Ion 95.00 (94.70 to 95.70): VV0

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





#35

Methylcyclohexane

Concen: 0.751 ug/L

RT: 6.12 min Scan# 1628

Delta R.T. -0.05 min

Lab File: VV006970.D

Acq: 10 Aug 2018 00:27

Instrument :

MSVOA_V

ClientSampleId :

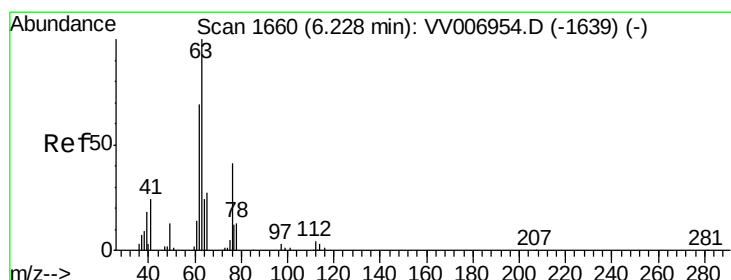
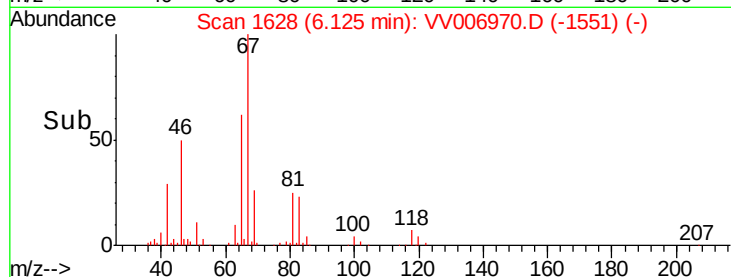
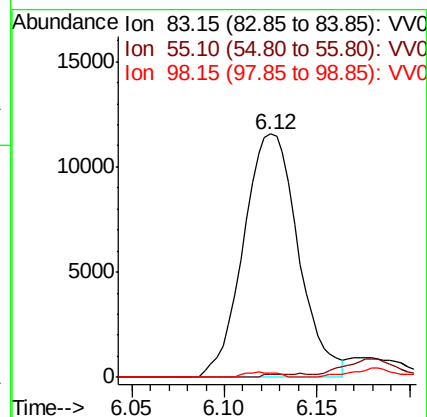
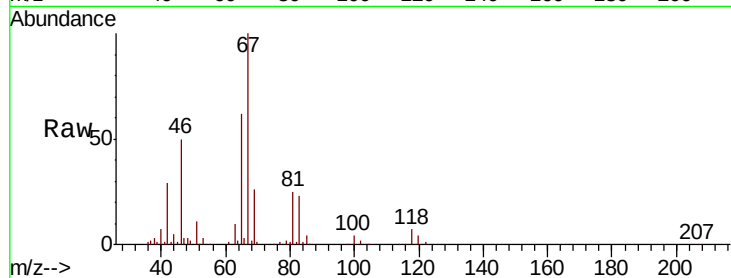
Tot Ion: 83 Resp: 23690

Ion Ratio Lower Upper

83 100

55 0.4 68.1 102.1#

98 1.2 37.9 56.9#



#37

1,2-Dichloropropane

Concen: 0.470 ug/L

RT: 6.12 min Scan# 1628

Delta R.T. -0.10 min

Lab File: VV006970.D

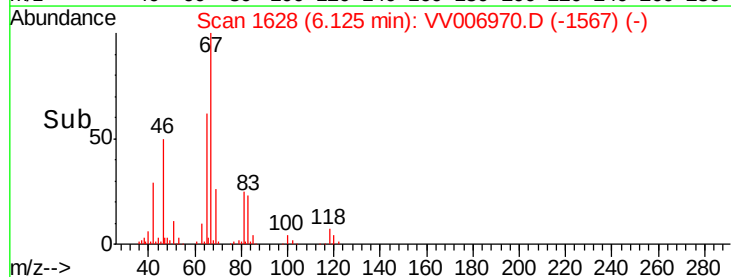
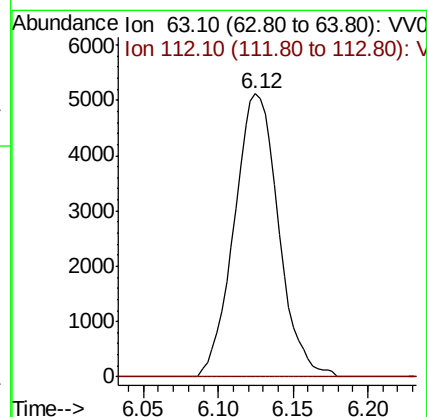
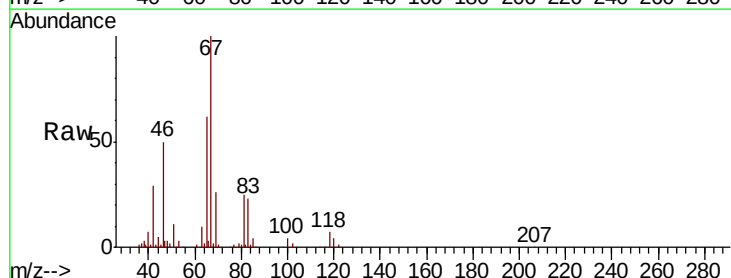
Acq: 10 Aug 2018 00:27

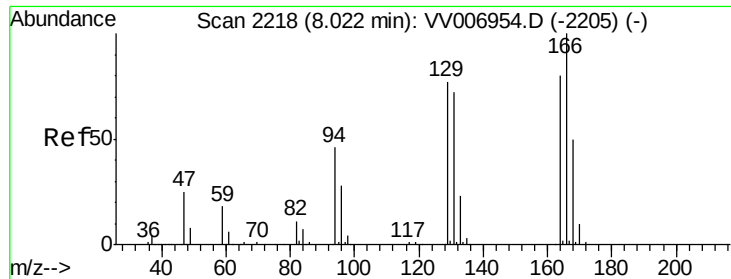
Tgt Ion: 63 Resp: 10553

Ion Ratio Lower Upper

63 100

112 0.2 3.5 5.3#

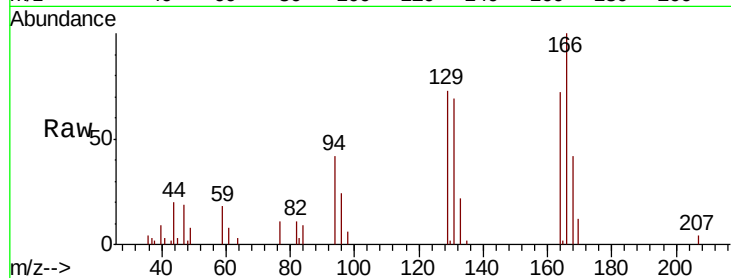




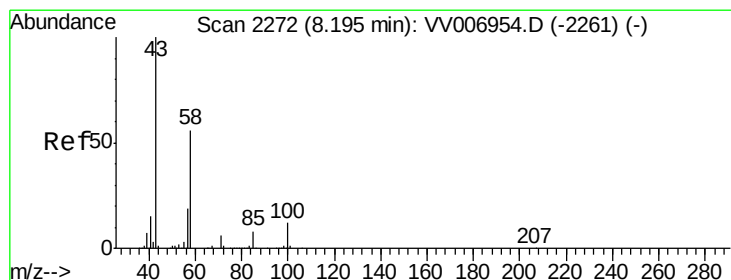
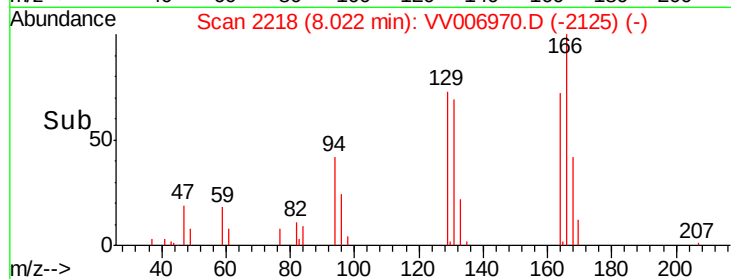
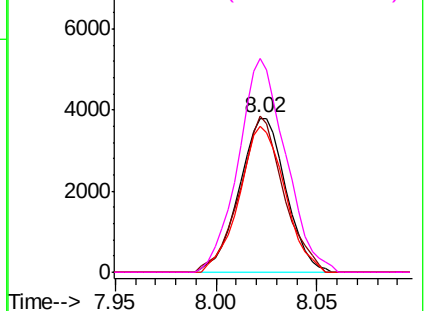
#47
Tetrachloroethene
Concen: 0.386 ug/L
RT: 8.02 min Scan# 2218
Delta R.T. -0.00 min
Lab File: VV006970.D
Acq: 10 Aug 2018 00:27

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion:164 Resp: 6159
Ion Ratio Lower Upper
164 100
129 101.2 65.9 122.3
131 95.0 64.2 119.2
166 138.6 89.4 166.0

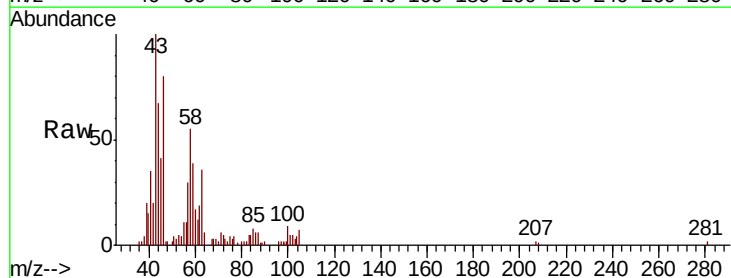


Abundance Ion 163.90 (163.60 to 164.60): V
Ion 128.95 (128.65 to 129.65): V
Ion 130.95 (130.65 to 131.65): V
Ion 165.90 (165.60 to 166.60): V

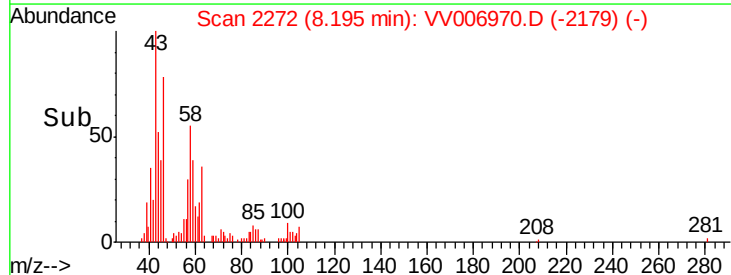
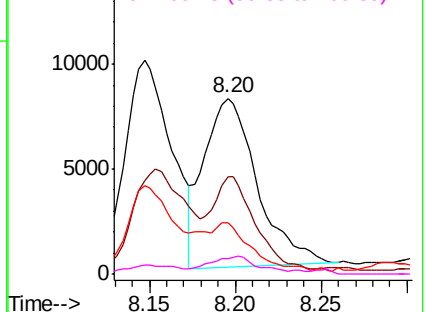


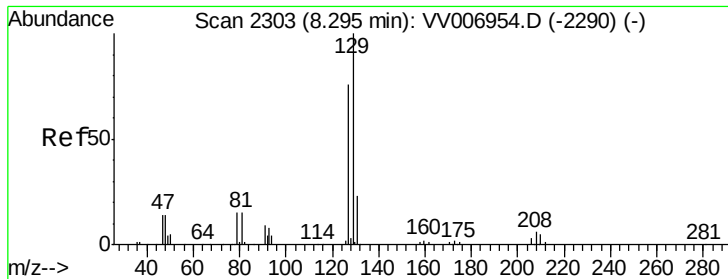
#48
2-Hexanone
Concen: 2.033 ug/L
RT: 8.20 min Scan# 2272
Delta R.T. -0.00 min
Lab File: VV006970.D
Acq: 10 Aug 2018 00:27

Tgt Ion: 43 Resp: 17378
Ion Ratio Lower Upper
43 100
58 45.6 44.2 66.2
57 16.0 14.8 22.2
100 9.5 8.8 13.2



Abundance Ion 43.05 (42.75 to 43.75): VV0
Ion 58.05 (57.75 to 58.75): VV0
Ion 57.20 (56.90 to 57.90): VV0
Ion 100.15 (99.85 to 100.85): VV0





#49

Dibromochloromethane

Concen: 0.366 ug/L

RT: 8.02 min Scan# 2218

Delta R.T. -0.27 min

Lab File: VV006970.D

Acq: 10 Aug 2018 00:27

Instrument :

MSVOA_V

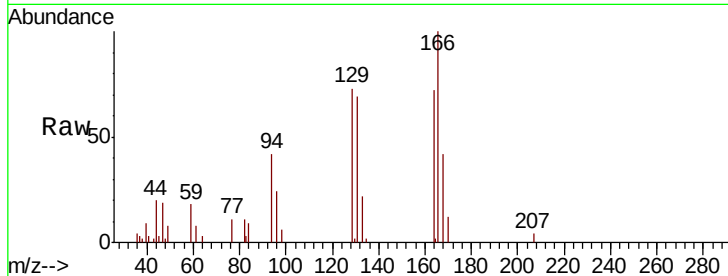
ClientSampleId :

Tot Ion:129 Resp: 5606

Ion Ratio Lower Upper

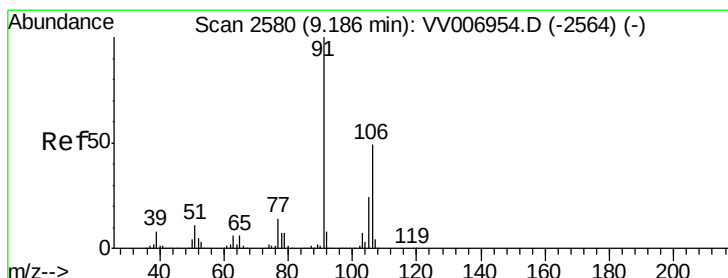
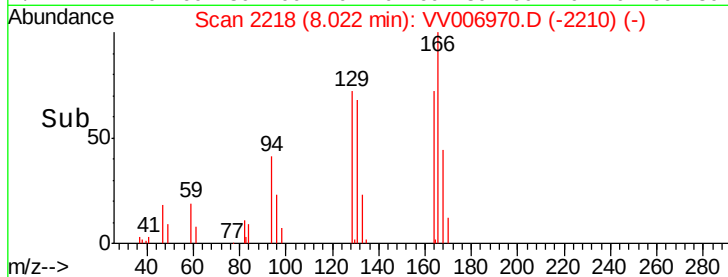
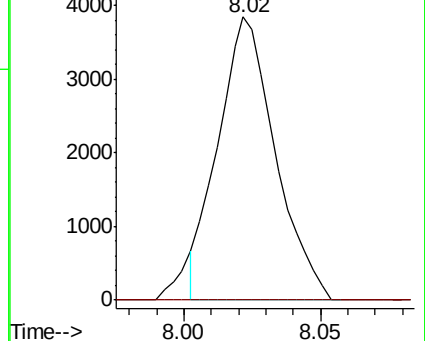
129 100

127 0.0 53.3 98.9#



Abundance Ion 128.95 (128.65 to 129.65): V

Ion 126.90 (126.60 to 127.60): V



#53

m,p-xylene

Concen: 0.248 ug/L

RT: 9.19 min Scan# 2581

Delta R.T. 0.00 min

Lab File: VV006970.D

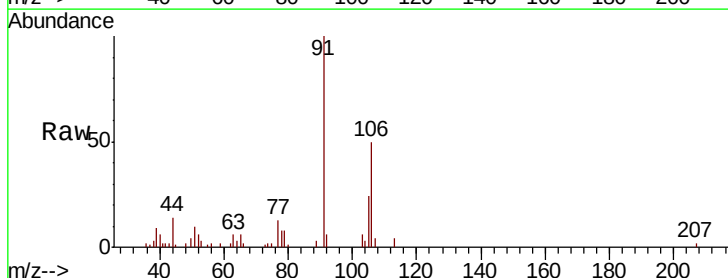
Acq: 10 Aug 2018 00:27

Tgt Ion:106 Resp: 7284

Ion Ratio Lower Upper

106 100

91 199.8 141.6 263.0



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VV0

