

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV080718\
 Data File : VV006923.D
 Acq On : 08 Aug 2018 03:04
 Operator : SY/MD
 Sample : J4357-15
 Misc : 25 mL/MSVOA V/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 08 07:11:44 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR080718WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Aug 08 07:06:57 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	205767	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	192108	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	73228	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	72581	5.88	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	117.60%
7) Chloroethane-d5	1.58	69	60050	4.97	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.40%
11) 1,1-Dichloroethene-d2	2.13	63	92777	3.66	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.20%
20) 2-Butanone-d5	3.97	46	230772	58.62	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	117.24%
24) Chloroform-d	4.41	84	129227	4.99	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.80%
26) 1,2-Dichloroethane-d4	5.09	65	72910	5.28	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.60%
32) Benzene-d6	5.10	84	252561	5.37	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.40%
36) 1,2-Dichloropropane-d6	6.12	67	87526	5.12	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.40%
41) Toluene-d8	7.37	98	186107	4.57	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.40%
43) trans-1,3-Dichloropropene-	7.67	79	23243	4.21	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.20%
46) 2-Hexanone-d5	8.15	63	106864	46.58	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.16%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	68175	5.31	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	106.20%
64) 1,2-Dichlorobenzene-d4	11.68	152	65381	5.52	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	110.40%

Target Compounds

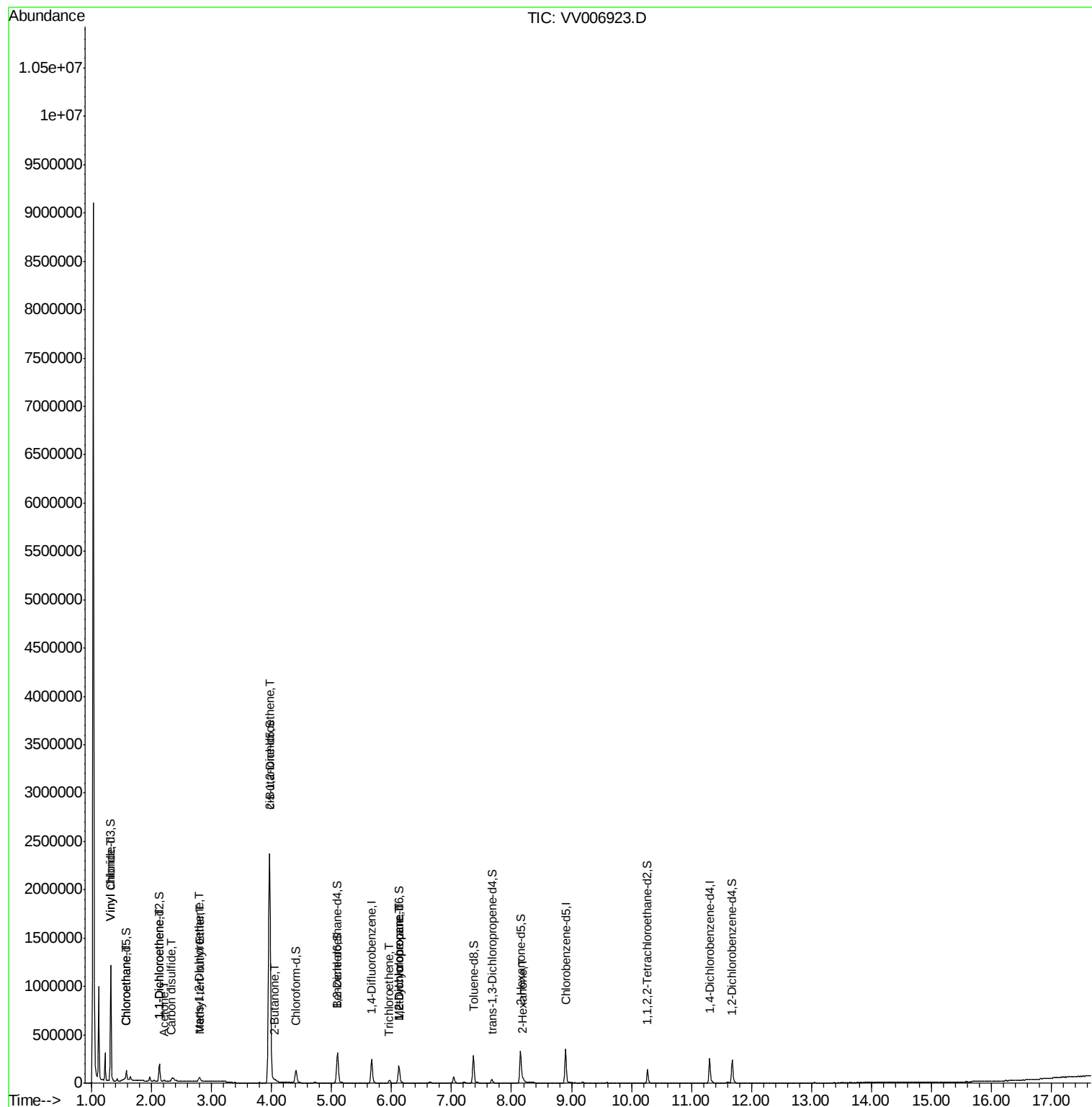
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	1.32	62	670146	34.647	ug/L	100
8) Chloroethane	1.58	64	78139	6.411	ug/L #	53
12) 1,1-Dichloroethene	2.14	96	3764	0.277	ug/L #	1
13) Acetone	2.21	43	5853	2.278	ug/L	84
14) Carbon disulfide	2.32	76	9320	0.223	ug/L #	78
17) Methyl tert-butyl Ether	2.82	73	20520	0.581	ug/L	93
18) trans-1,2-Dichloroethene	2.79	96	13512	0.914	ug/L	95
21) 2-Butanone	4.06	43	912	0.216	ug/L #	52
22) cis-1,2-Dichloroethene	3.97	96	1215301	82.184	ug/L	100
34) Trichloroethene	5.96	95	8359	0.606	ug/L	95
35) Methylcyclohexane	6.12	83	21106	0.986	ug/L #	15
37) 1,2-Dichloropropane	6.12	63	9563	0.581	ug/L #	89
48) 2-Hexanone	8.20	43	8837	1.374	ug/L #	78

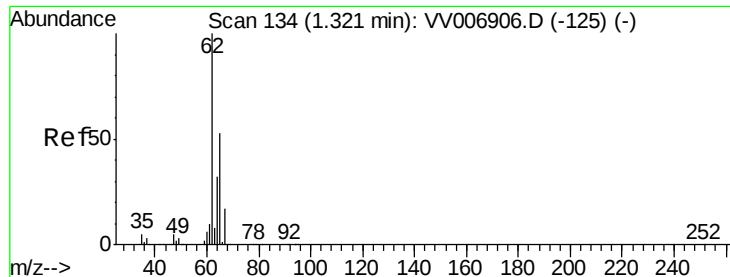
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#5

Vinyl chloride

Concen: 34.647 ug/L

RT: 1.32 min Scan# 134

Delta R.T. -0.00 min

Lab File: VV006923.D

Acq: 08 Aug 2018 03:04

Instrument :

MSVOA_V

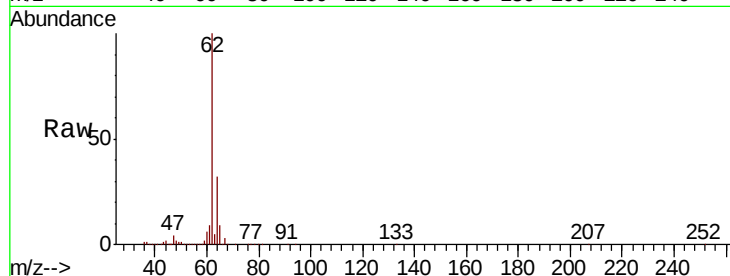
ClientSampleId :

Tot Ion: 62 Resp: 670146

Ion Ratio Lower Upper

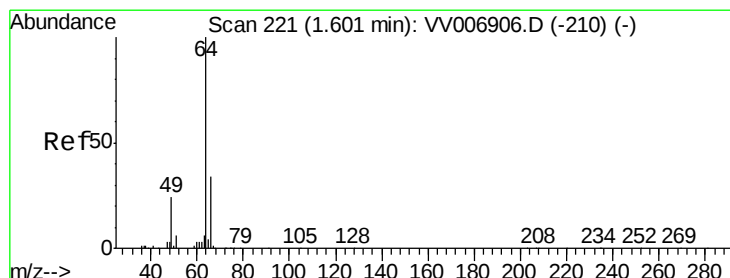
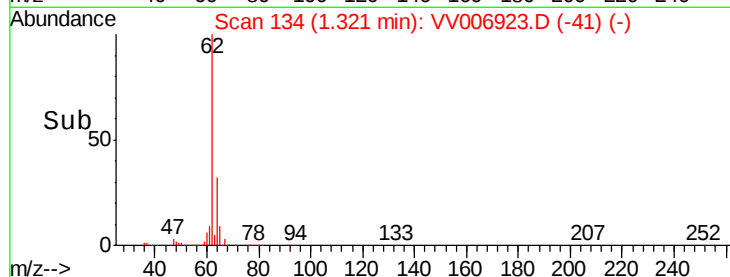
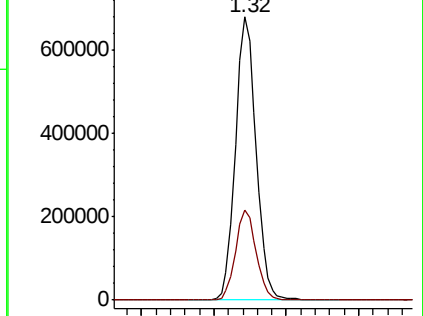
62 100

64 31.7 22.1 41.1



Abundance Ion 62.00 (61.70 to 62.70): VV006923.D (-125) (-)

Ion 64.10 (63.80 to 64.80): VV006923.D (-125) (-)



#8

Chloroethane

Concen: 6.411 ug/L

RT: 1.58 min Scan# 216

Delta R.T. -0.02 min

Lab File: VV006923.D

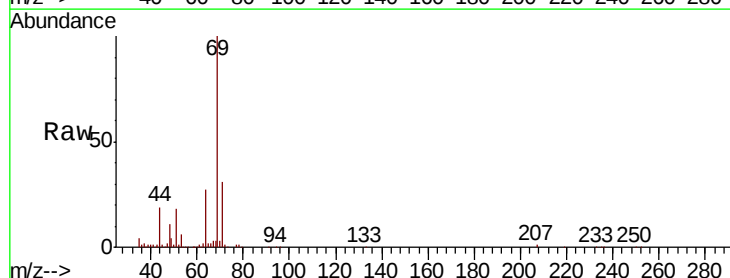
Acq: 08 Aug 2018 03:04

Tgt Ion: 64 Resp: 78139

Ion Ratio Lower Upper

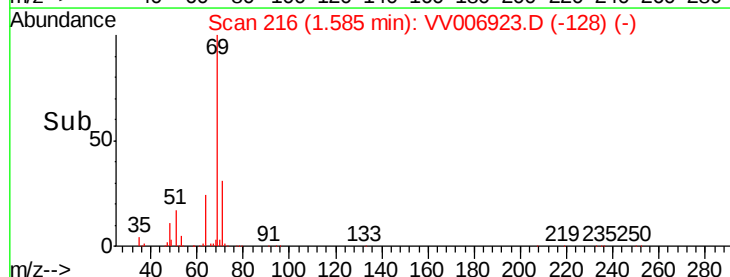
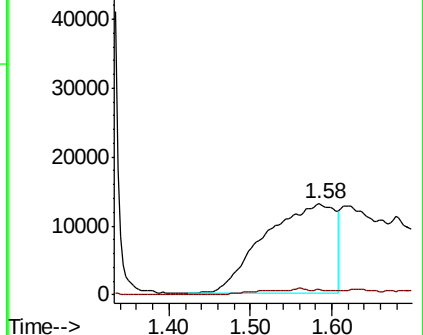
64 100

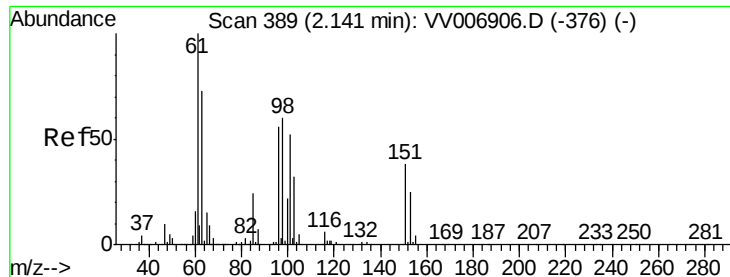
66 6.1 22.6 42.0#



Abundance Ion 64.10 (63.80 to 64.80): VV006923.D (-210) (-)

Ion 66.05 (65.75 to 66.75): VV006923.D (-210) (-)





#12

1,1-Dichloroethene

Concen: 0.277 ug/L

RT: 2.14 min Scan# 388

Delta R.T. -0.00 min

Lab File: VV006923.D

Acq: 08 Aug 2018 03:04

Instrument :

MSVOA_V

ClientSampleId :

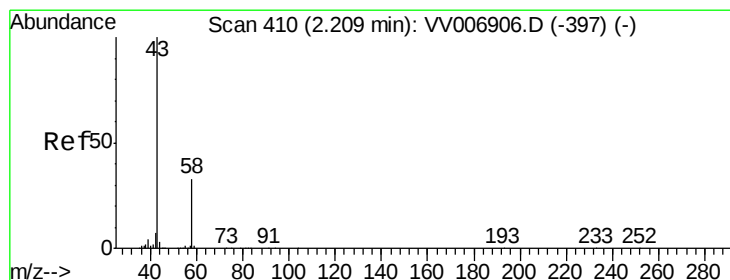
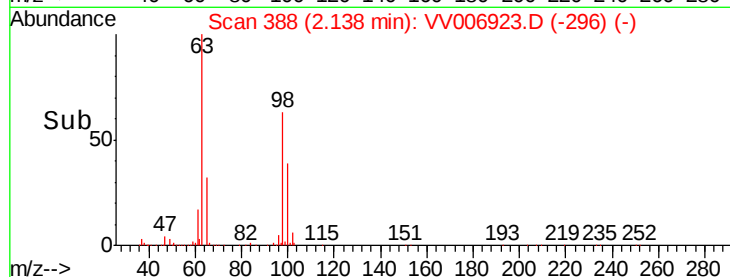
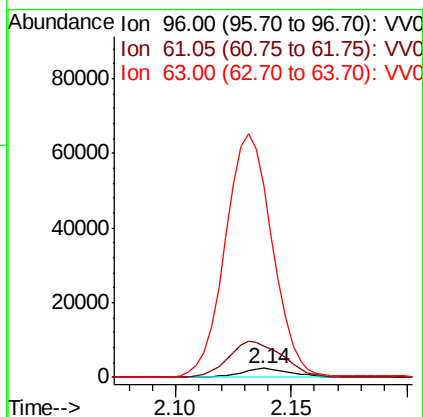
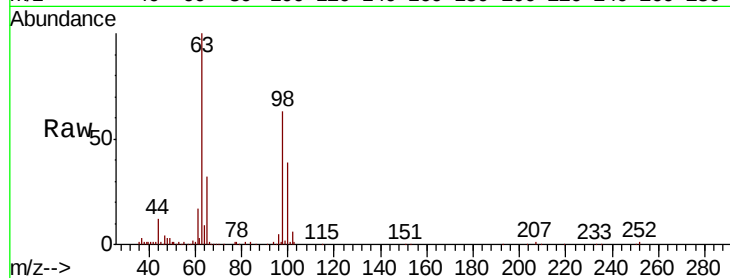
Tot Ion: 96 Resp: 3764

Ion Ratio Lower Upper

96 100

61 341.3 119.0 221.0#

63 2067.4 73.6 136.6#



#13

Acetone

Concen: 2.278 ug/L

RT: 2.21 min Scan# 410

Delta R.T. -0.00 min

Lab File: VV006923.D

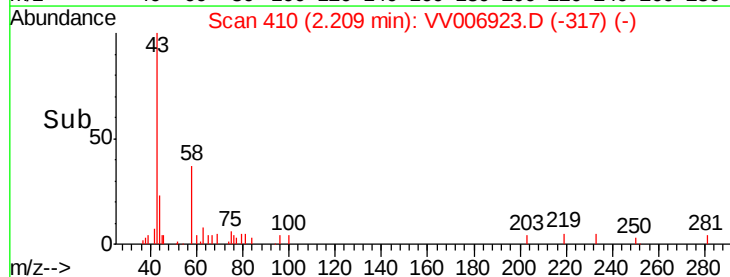
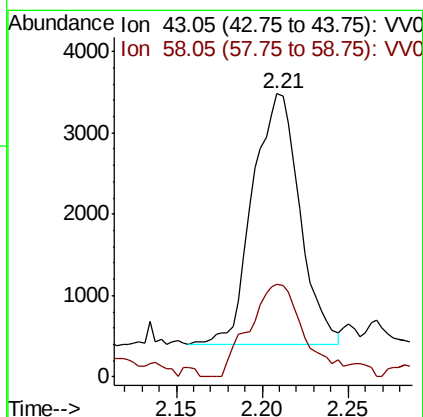
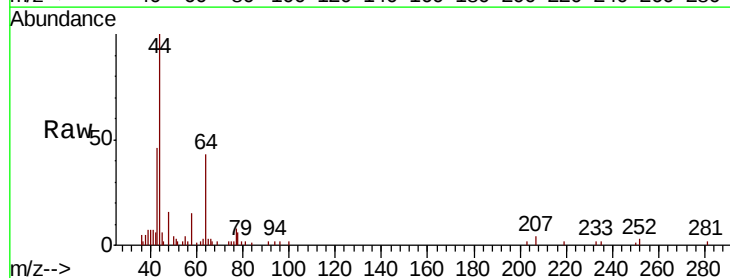
Acq: 08 Aug 2018 03:04

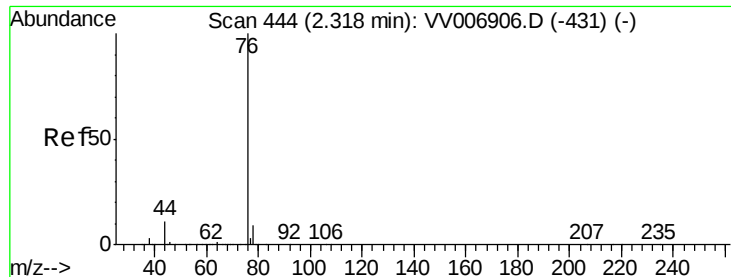
Tgt Ion: 43 Resp: 5853

Ion Ratio Lower Upper

43 100

58 43.1 0.0 68.0





#14

Carbon disulfide

Concen: 0.223 ug/L

RT: 2.32 min Scan# 445

Delta R.T. 0.00 min

Lab File: VV006923.D

Acq: 08 Aug 2018 03:04

Instrument :

MSVOA_V

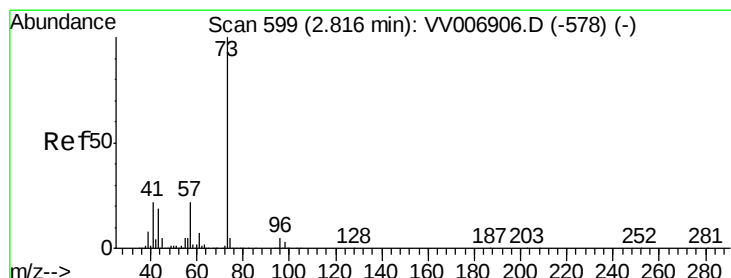
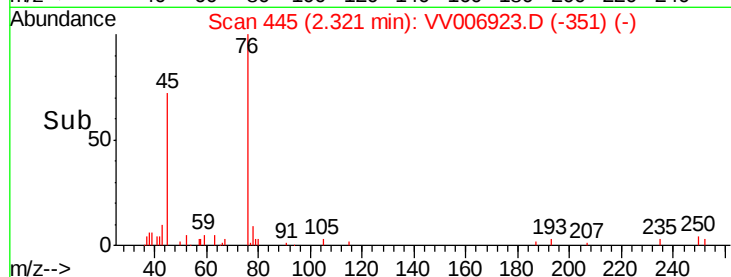
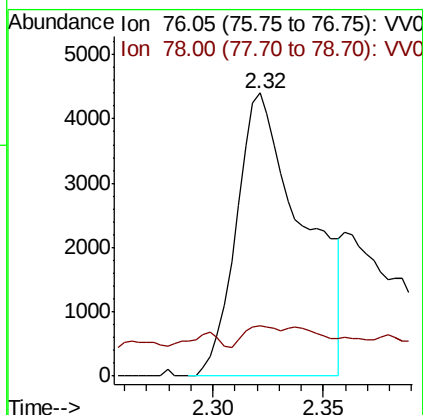
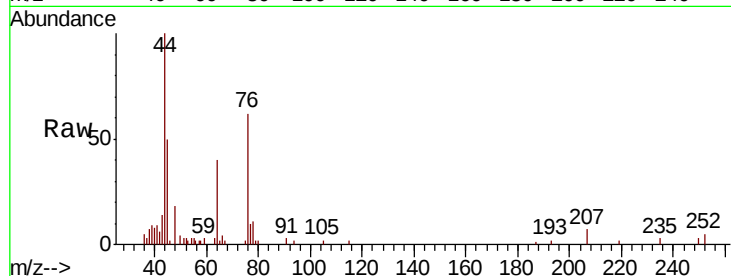
ClientSampleId :

Tot Ion: 76 Resp: 9320

Ion Ratio Lower Upper

76 100

78 17.6 7.8 11.6#



#17

Methyl tert-butyl Ether

Concen: 0.581 ug/L

RT: 2.82 min Scan# 599

Delta R.T. -0.00 min

Lab File: VV006923.D

Acq: 08 Aug 2018 03:04

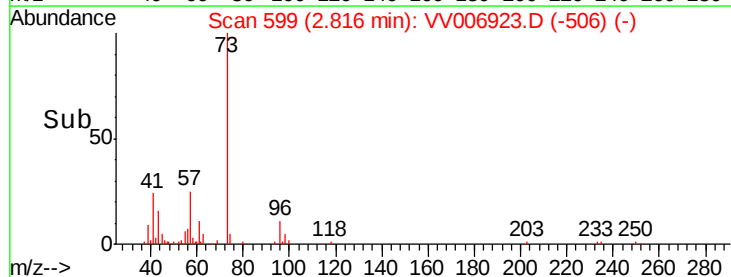
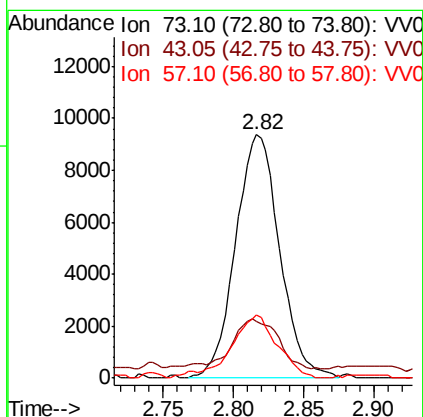
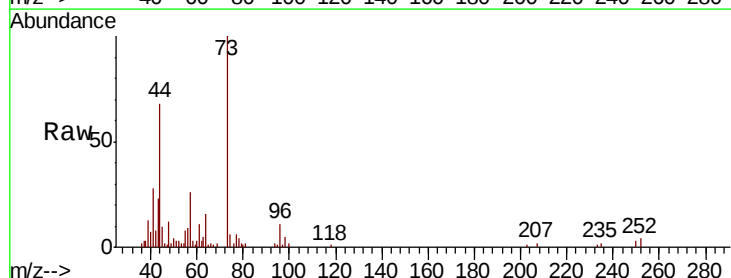
Tgt Ion: 73 Resp: 20520

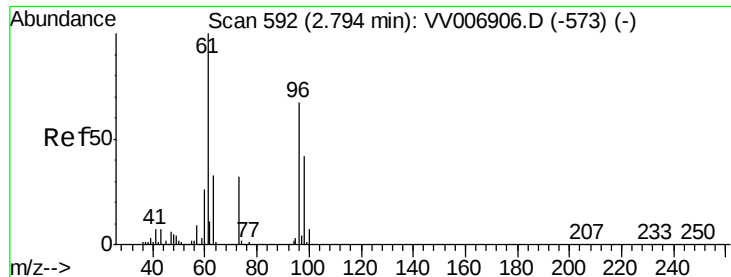
Ion Ratio Lower Upper

73 100

43 21.6 15.3 22.9

57 27.1 18.8 28.2





#18

trans-1,2-Dichloroethene

Concen: 0.914 ug/L

RT: 2.79 min Scan# 591

Delta R.T. -0.00 min

Lab File: VV006923.D

Acq: 08 Aug 2018 03:04

Instrument :
MSVOA_V
ClientSampleId :

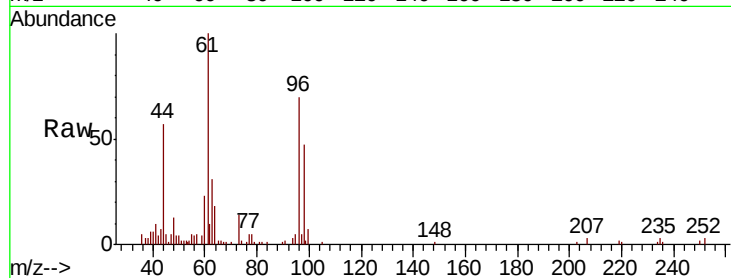
Tot Ion: 96 Resp: 13512

Ion Ratio Lower Upper

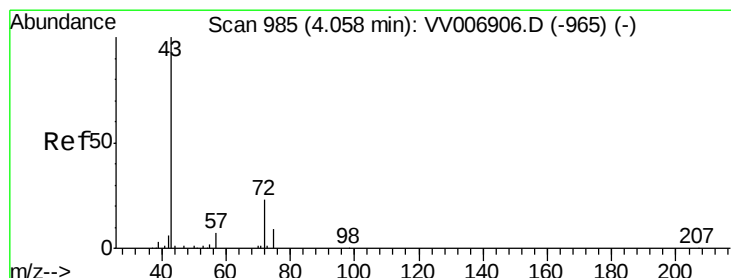
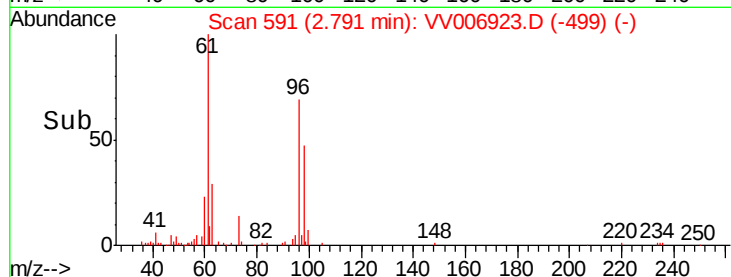
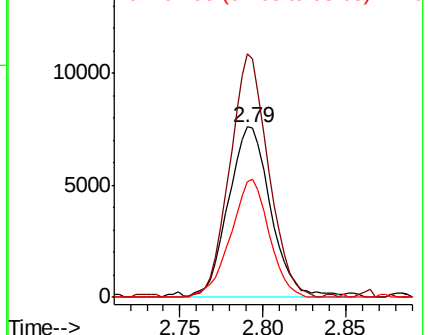
96 100

61 142.8 97.3 180.7

98 67.5 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



#21

2-Butanone

Concen: 0.216 ug/L

RT: 4.06 min Scan# 986

Delta R.T. 0.00 min

Lab File: VV006923.D

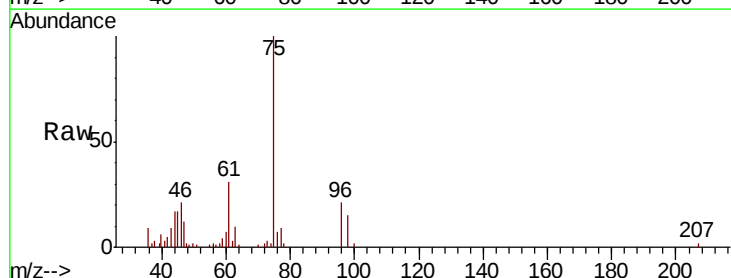
Acq: 08 Aug 2018 03:04

Tgt Ion: 43 Resp: 912

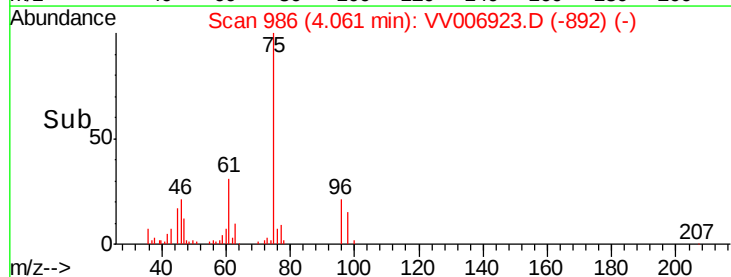
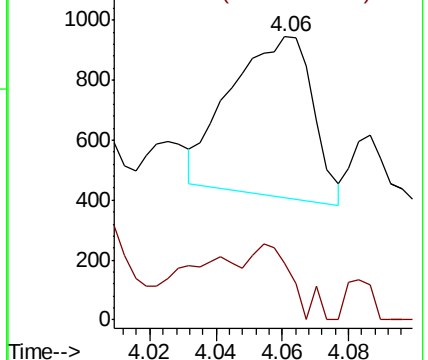
Ion Ratio Lower Upper

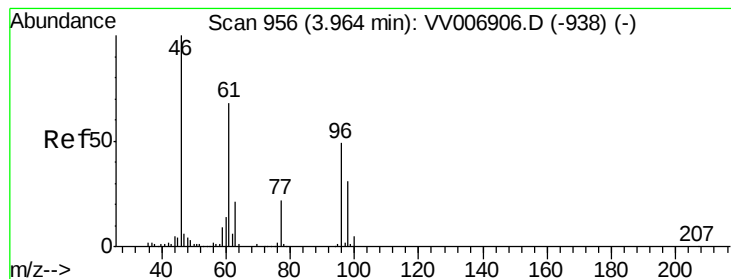
43 100

72 0.0 11.9 35.5#



Abundance Ion 43.05 (42.75 to 43.75): VV0
Ion 72.10 (71.80 to 72.80): VV0



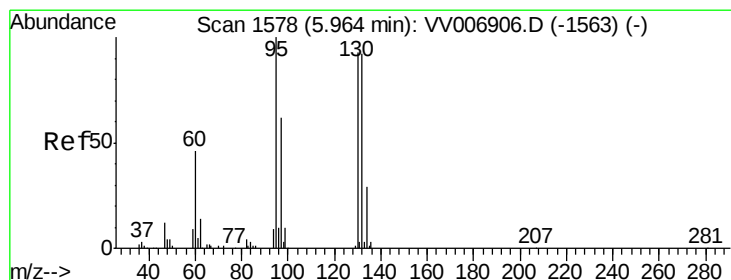
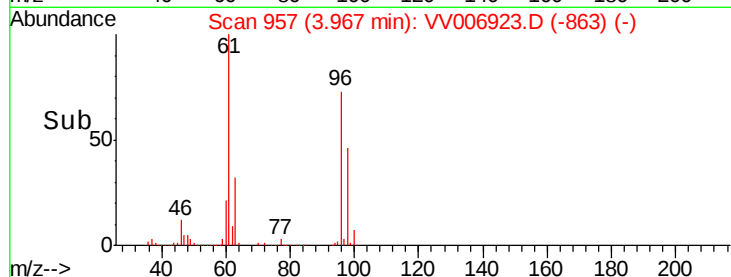
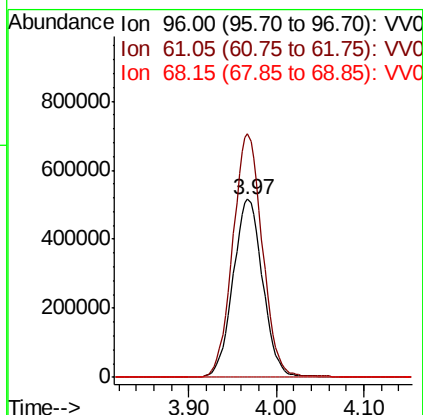
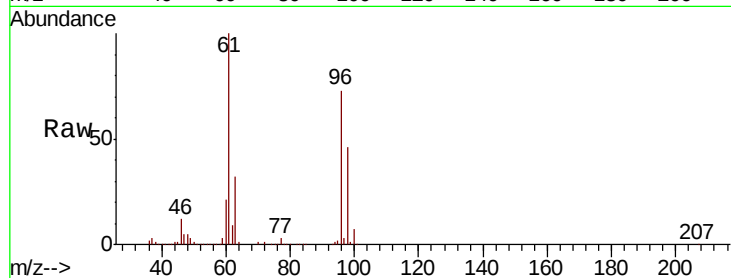


#22

cis-1,2-Dichloroethene
Concen: 82.184 ug/L
RT: 3.97 min Scan# 957
Delta R.T. 0.00 min
Lab File: VV006923.D
Acq: 08 Aug 2018 03:04

Instrument :
MSVOA_V
ClientSampled :

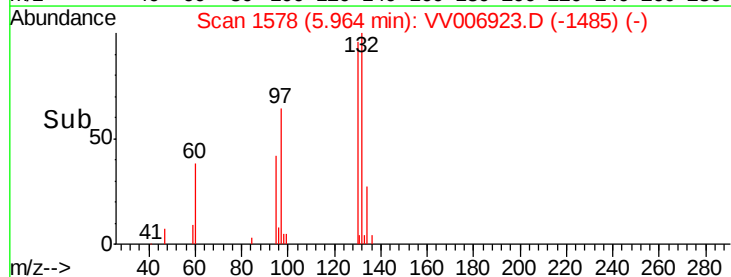
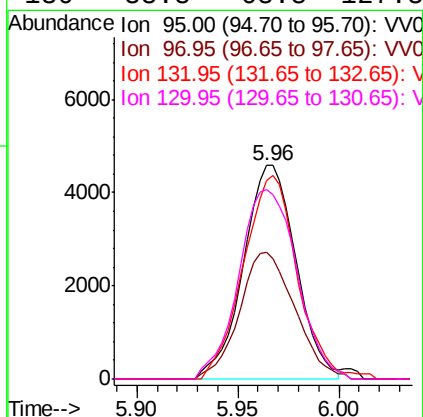
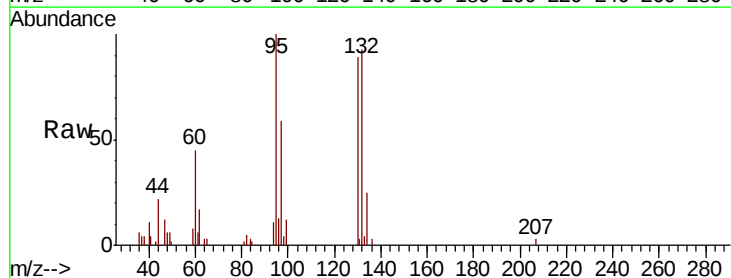
Tot Ion: 96 Resp: 1215301
Ion Ratio Lower Upper
96 100
61 136.8 95.5 177.4
68 0.0 0.0 0.0

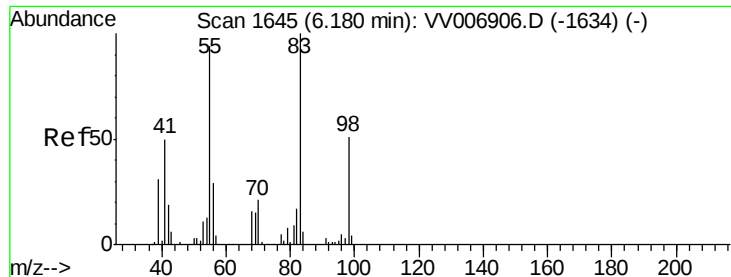


#34

Trichloroethene
Concen: 0.606 ug/L
RT: 5.96 min Scan# 1578
Delta R.T. -0.00 min
Lab File: VV006923.D
Acq: 08 Aug 2018 03:04

Tgt Ion: 95 Resp: 8359
Ion Ratio Lower Upper
95 100
97 59.5 44.4 82.4
132 92.8 65.6 121.8
130 88.8 68.8 127.8

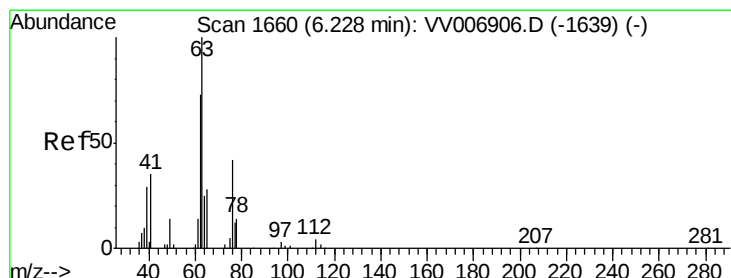
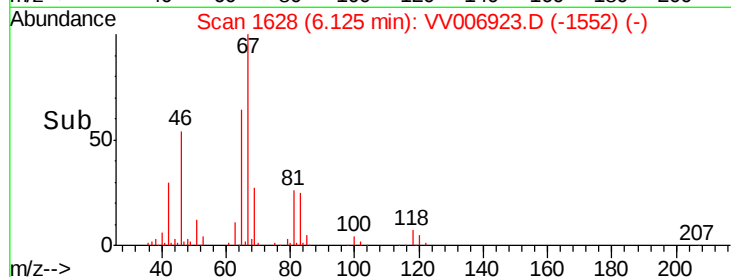
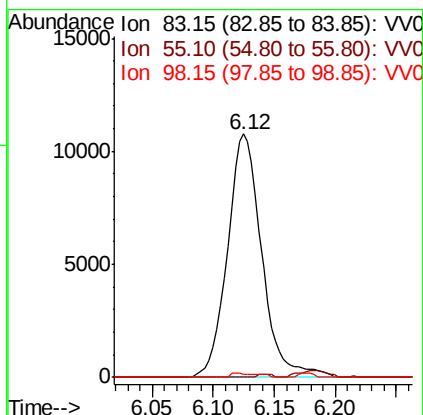
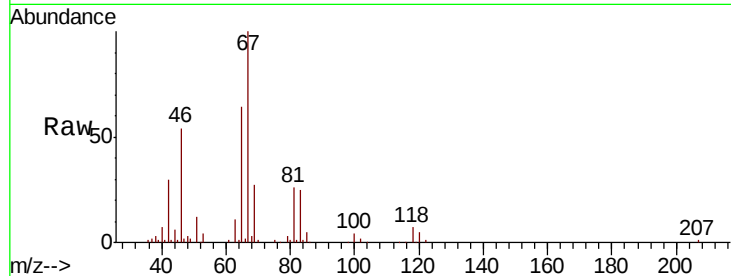




#35
Methvlcvclohexane
Concen: 0.986 ug/L
RT: 6.12 min Scan# 1628
Delta R.T. -0.05 min
Lab File: VV006923.D
Acq: 08 Aug 2018 03:04

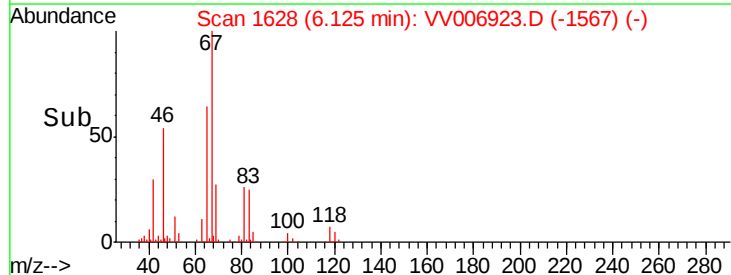
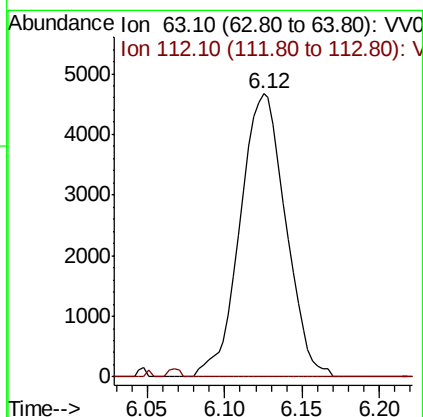
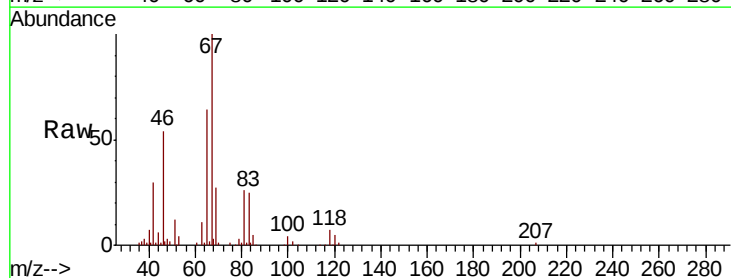
Instrument :
MSVOA_V
ClientSampleId :

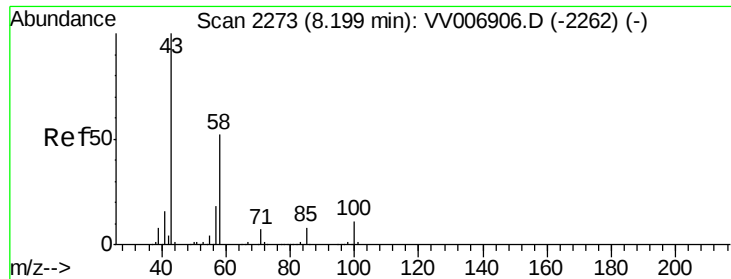
Tot Ion: 83 Resp: 21106
Ion Ratio Lower Upper
83 100
55 0.4 69.8 104.8#
98 0.7 36.4 54.6#



#37
1,2-Dichloropropane
Concen: 0.581 ug/L
RT: 6.12 min Scan# 1628
Delta R.T. -0.10 min
Lab File: VV006923.D
Acq: 08 Aug 2018 03:04

Tgt Ion: 63 Resp: 9563
Ion Ratio Lower Upper
63 100
112 0.7 3.5 5.3#





#48
 2-Hexanone
 Concen: 1.374 ug/L
 RT: 8.20 min Scan# 2273
 Delta R.T. -0.00 min
 Lab File: VV006923.D
 Acq: 08 Aug 2018 03:04

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion: 43 Resp: 8837
 Ion Ratio Lower Upper
 43 100
 58 37.3 42.0 63.0#
 57 30.9 14.1 21.1#
 100 5.9 8.1 12.1#

