

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV073118\
 Data File : VV006789.D
 Acq On : 31 Jul 2018 16:45
 Operator : SY/MD
 Sample : J4225-20
 Misc : 25 mL/MSVOA V/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 01 01:46:37 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR072318WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Aug 01 01:43:21 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	201391	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	186051	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	79221	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	47993	4.58	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.60%
7) Chloroethane-d5	1.58	69	43242	5.25	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	105.00%
11) 1,1-Dichloroethene-d2	2.13	63	68586	3.34	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.80%
20) 2-Butanone-d5	3.95	46	180248	55.04	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	110.08%
24) Chloroform-d	4.41	84	104510	5.31	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.20%
26) 1,2-Dichloroethane-d4	5.09	65	53298	5.56	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	111.20%
32) Benzene-d6	5.10	84	204383	5.34	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.80%
36) 1,2-Dichloropropane-d6	6.12	67	70382	5.45	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	109.00%
41) Toluene-d8	7.36	98	165007	4.93	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.60%
43) trans-1,3-Dichloropropene-	7.67	79	21459	5.09	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	101.80%
46) 2-Hexanone-d5	8.14	63	134730	50.47	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.94%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	54961	5.22	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.40%
64) 1,2-Dichlorobenzene-d4	11.68	152	65198	5.52	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	110.40%

Target Compounds

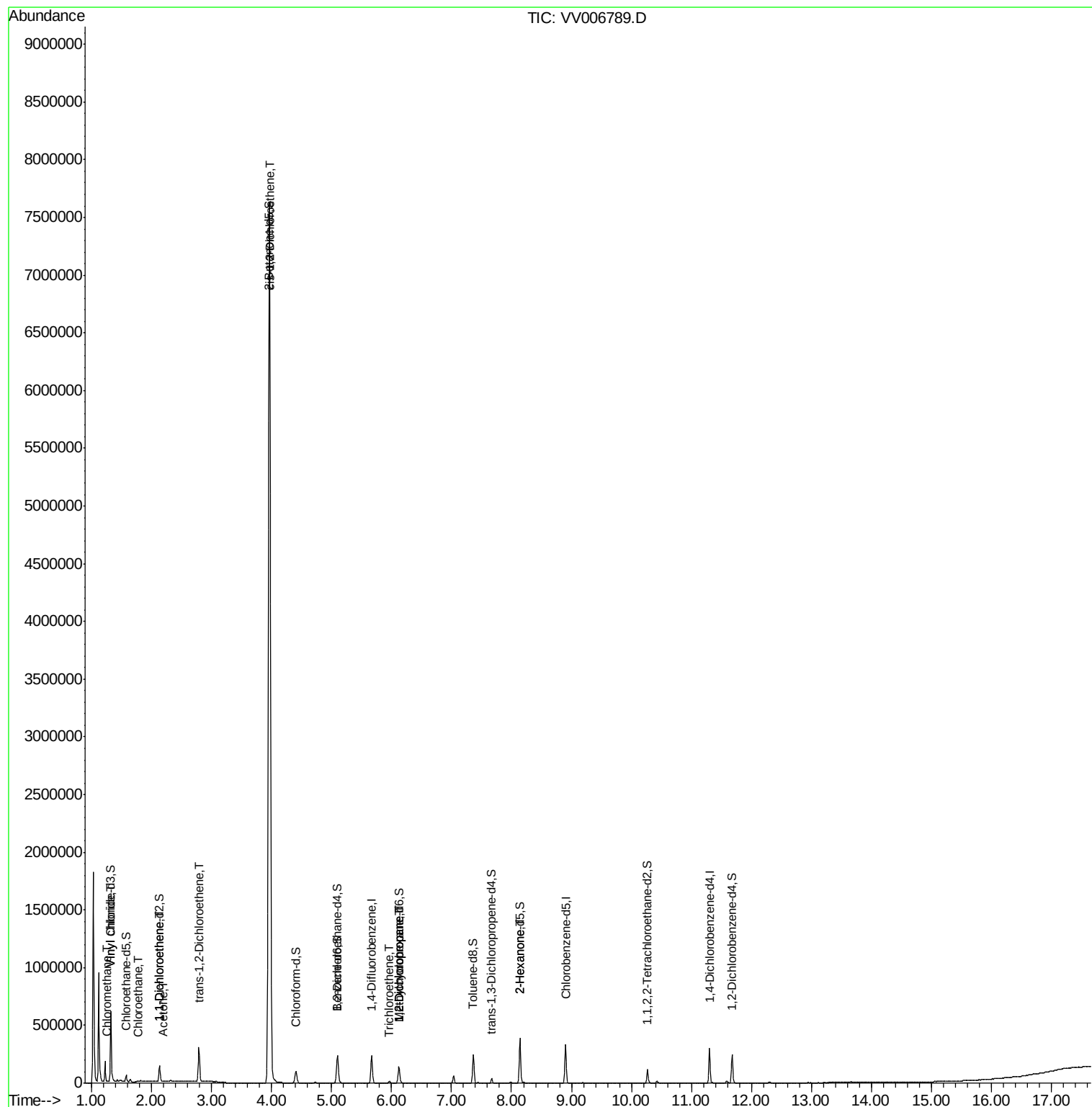
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Chloromethane	1.25	50	7522	0.489	ug/L	98
5) Vinyl chloride	1.32	62	305735	15.864	ug/L	91
8) Chloroethane	1.78	64	6272	0.595	ug/L #	53
12) 1,1-Dichloroethene	2.14	96	9930	0.753	ug/L #	1
13) Acetone	2.19	43	2765	1.327	ug/L	95
18) trans-1,2-Dichloroethene	2.79	96	108765	7.590	ug/L	100
22) cis-1,2-Dichloroethene	3.97	96	4288246	286.986	ug/L	98
34) Trichloroethene	5.96	95	3998	0.283	ug/L	88
35) Methylcyclohexane	6.12	83	16919	0.717	ug/L #	18
37) 1,2-Dichloropropane	6.12	63	7041	0.490	ug/L #	86
48) 2-Hexanone	8.14	43	14637	2.658	ug/L #	65

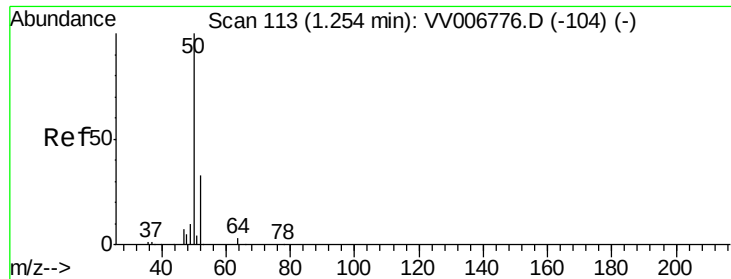
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.489 ug/L

RT: 1.25 min Scan# 113

Delta R.T. -0.00 min

Lab File: VV006789.D

Acq: 31 Jul 2018 16:45

Instrument :

MSVOA_V

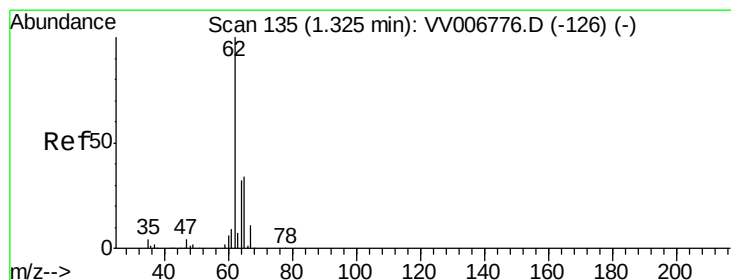
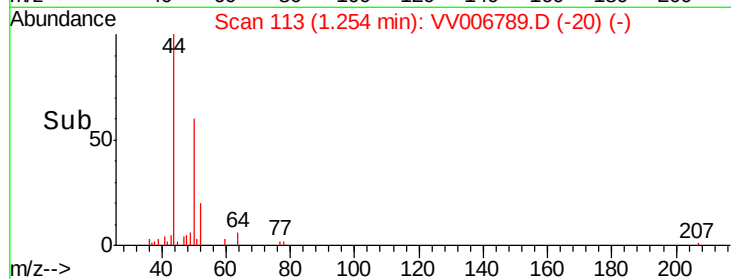
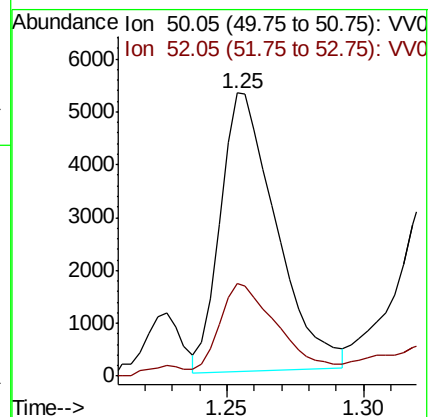
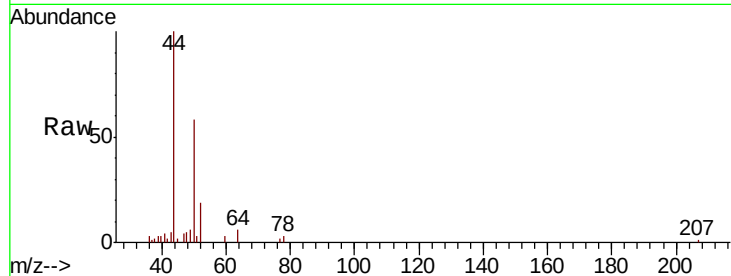
ClientSampled :

Tot Ion: 50 Resp: 7522

Ion Ratio Lower Upper

50 100

52 32.8 22.1 41.1



#5

Vinyl chloride

Concen: 15.864 ug/L

RT: 1.32 min Scan# 135

Delta R.T. -0.00 min

Lab File: VV006789.D

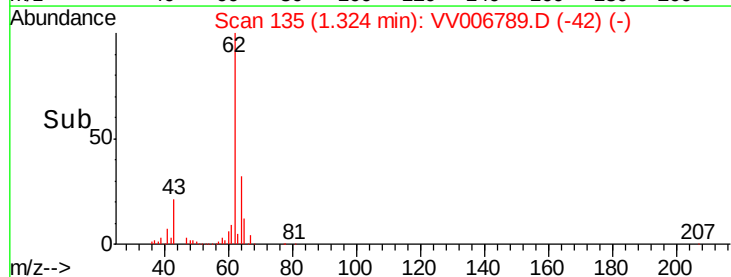
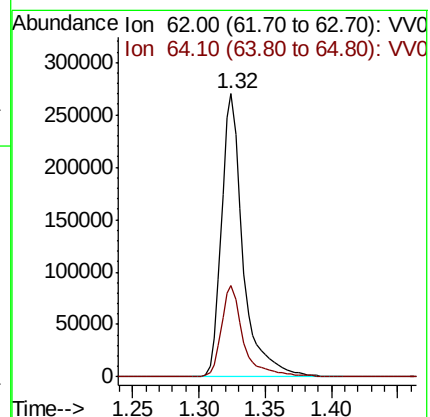
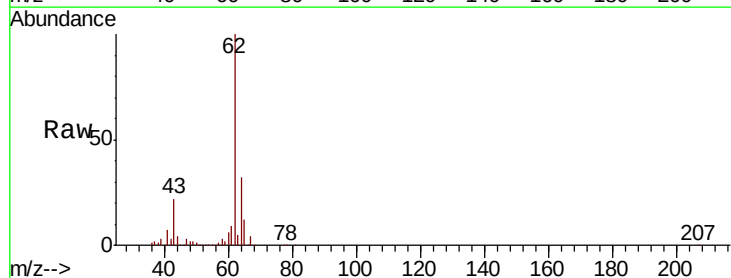
Acq: 31 Jul 2018 16:45

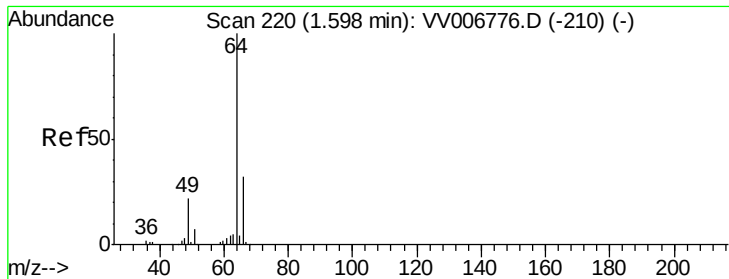
Tgt Ion: 62 Resp: 305735

Ion Ratio Lower Upper

62 100

64 32.3 26.5 49.3





#8

Chloroethane

Concen: 0.595 ug/L

RT: 1.78 min Scan# 277

Delta R.T. 0.18 min

Lab File: VV006789.D

Acq: 31 Jul 2018 16:45

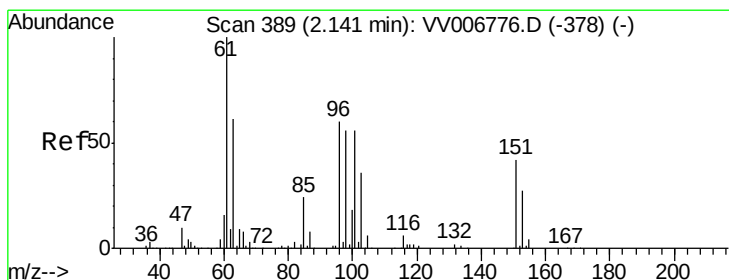
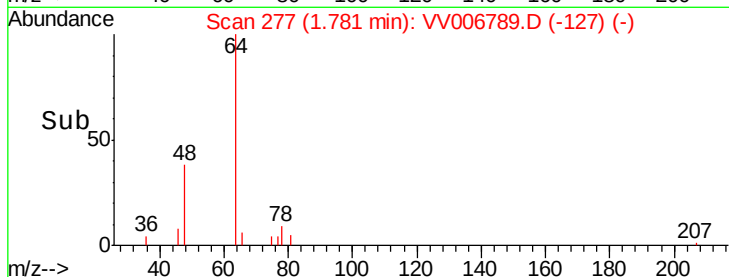
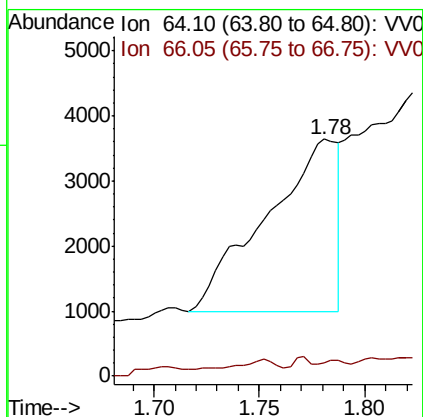
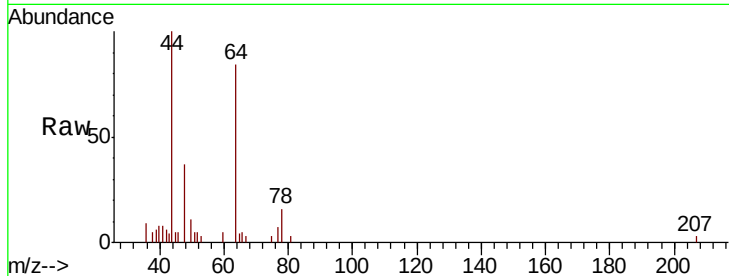
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 64 Resp: 6272

Ion Ratio Lower Upper

64 100

66 5.3 21.8 40.4#



#12

1,1-Dichloroethene

Concen: 0.753 ug/L

RT: 2.14 min Scan# 389

Delta R.T. -0.00 min

Lab File: VV006789.D

Acq: 31 Jul 2018 16:45

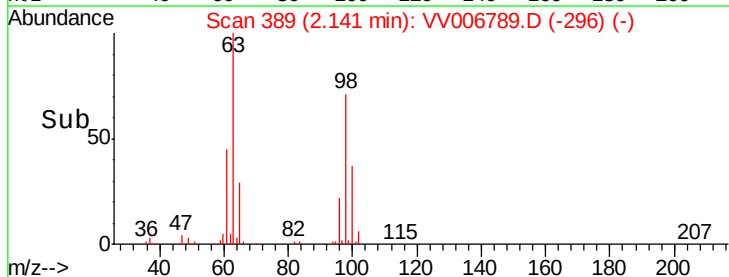
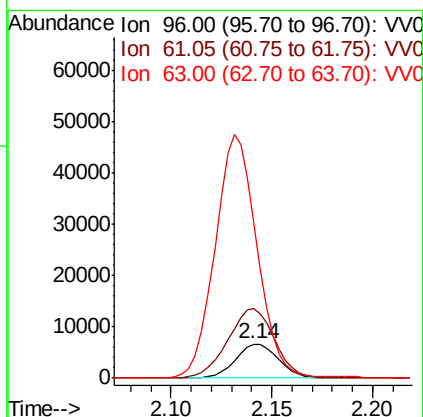
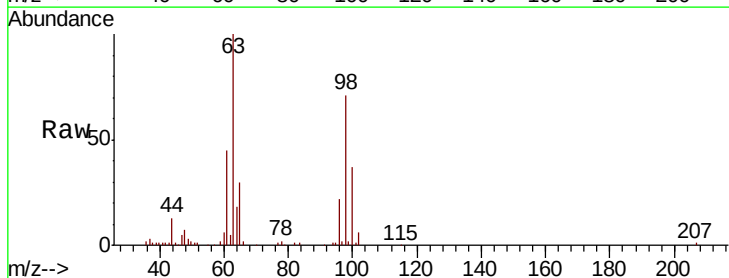
Tgt Ion: 96 Resp: 9930

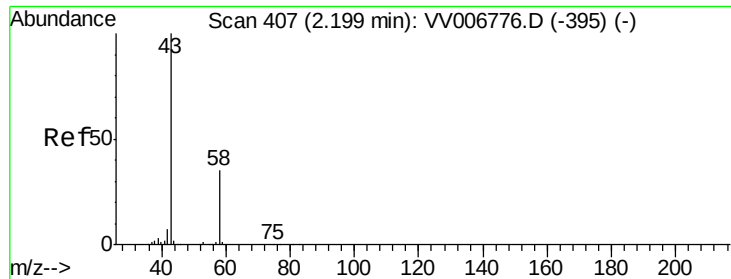
Ion Ratio Lower Upper

96 100

61 205.2 113.5 210.9

63 456.9 69.5 129.1#

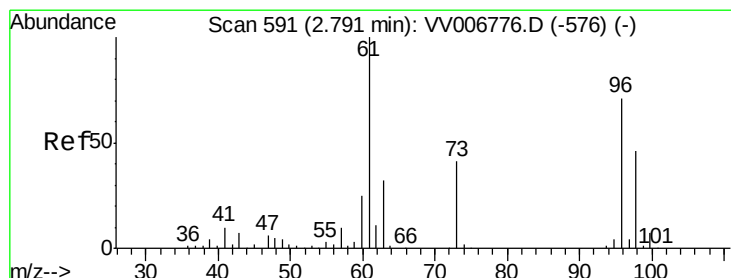
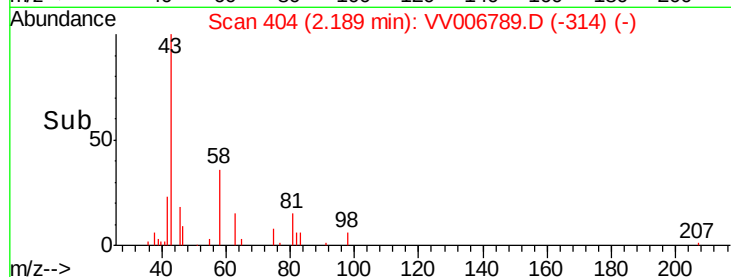
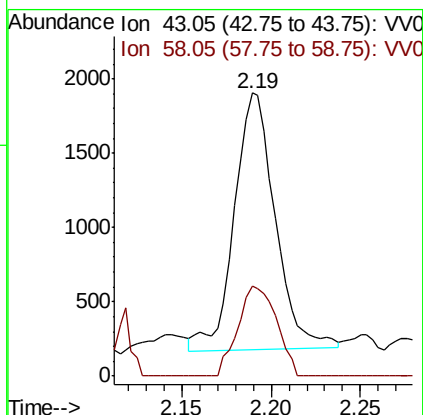
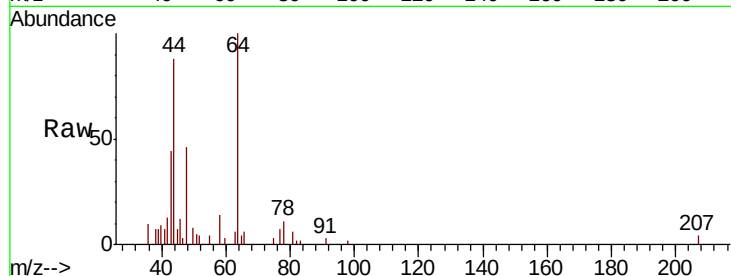




#13
Acetone
Concen: 1.327 ug/L
RT: 2.19 min Scan# 404
Delta R.T. -0.01 min
Lab File: VV006789.D
Acq: 31 Jul 2018 16:45

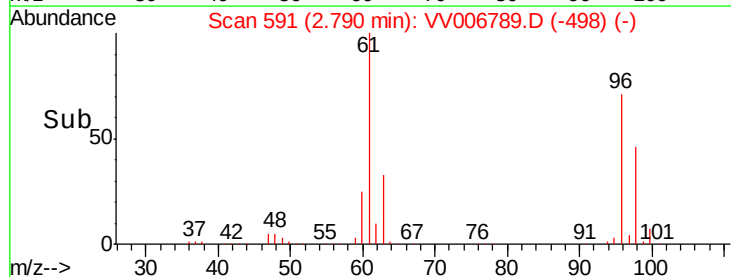
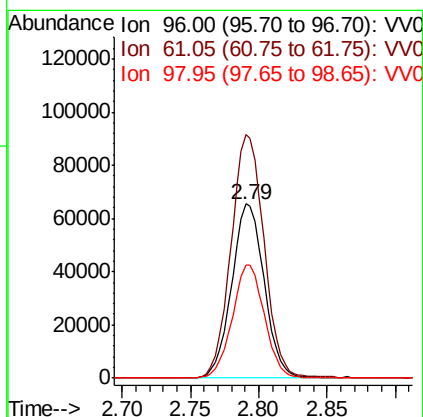
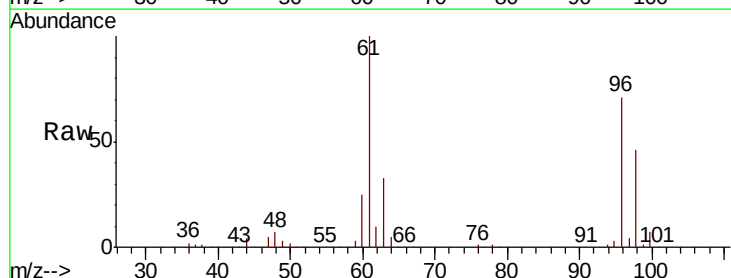
Instrument :
MSVOA_V
ClientSampled :

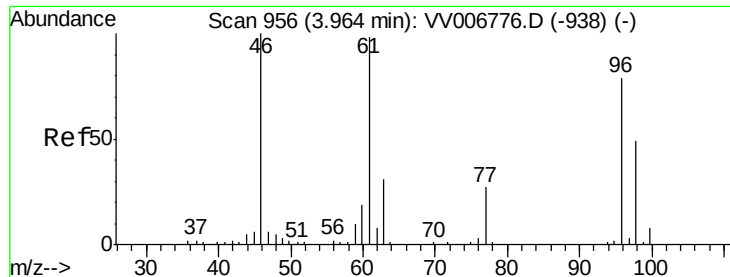
Tot Ion: 43 Resp: 2765
Ion Ratio Lower Upper
43 100
58 32.9 0.0 71.4



#18
trans-1,2-Dichloroethene
Concen: 7.590 ug/L
RT: 2.79 min Scan# 591
Delta R.T. -0.00 min
Lab File: VV006789.D
Acq: 31 Jul 2018 16:45

Tgt Ion: 96 Resp: 108765
Ion Ratio Lower Upper
96 100
61 140.0 98.5 182.9
98 64.9 45.4 84.4



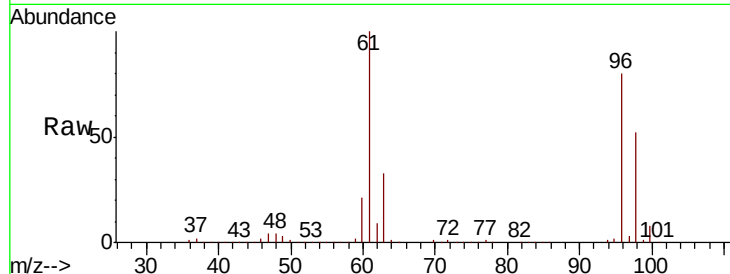


#22

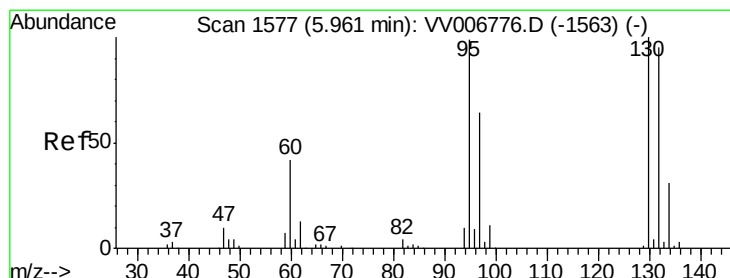
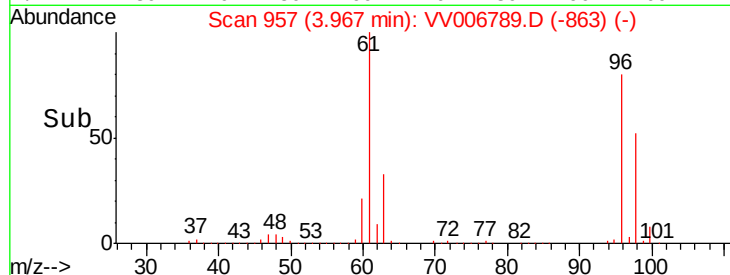
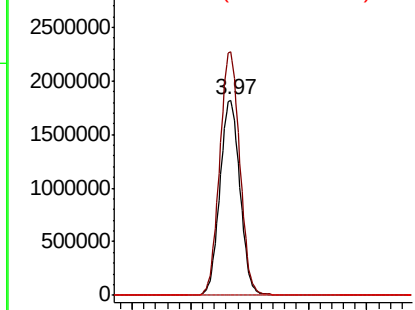
cis-1,2-Dichloroethene
Concen: 286.986 ug/L
RT: 3.97 min Scan# 957
Delta R.T. 0.00 min
Lab File: VV006789.D
Acq: 31 Jul 2018 16:45

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 96 Resp: 4288246
Ion Ratio Lower Upper
96 100
61 124.5 85.5 158.9
68 0.0 0.0 0.0



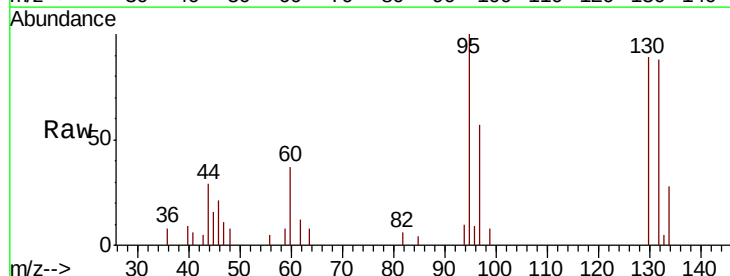
Abundance Ion 96.00 (95.70 to 96.70): VV0
Ion 61.05 (60.75 to 61.75): VV0
Ion 68.15 (67.85 to 68.85): VV0



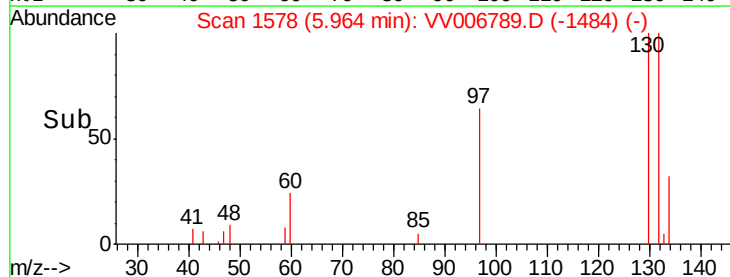
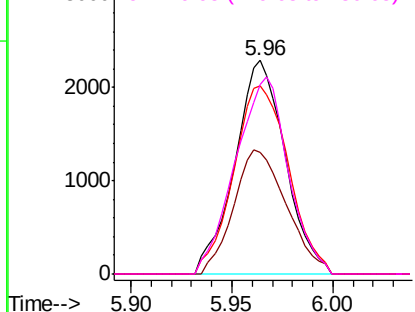
#34

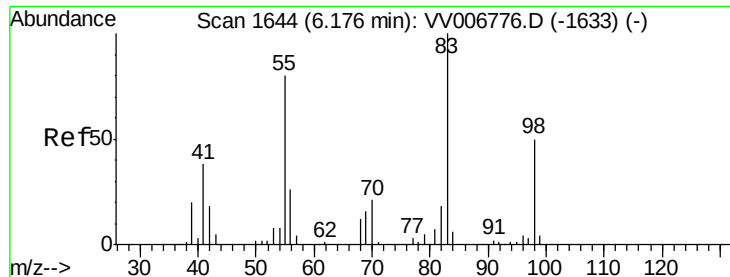
Trichloroethene
Concen: 0.283 ug/L
RT: 5.96 min Scan# 1578
Delta R.T. 0.00 min
Lab File: VV006789.D
Acq: 31 Jul 2018 16:45

Tgt Ion: 95 Resp: 3998
Ion Ratio Lower Upper
95 100
97 57.2 44.9 83.3
132 88.3 68.9 127.9
130 88.7 73.4 136.4



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

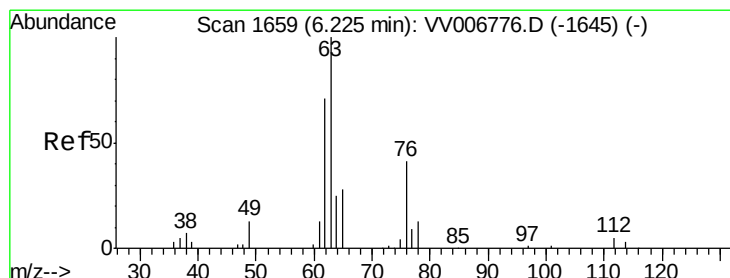
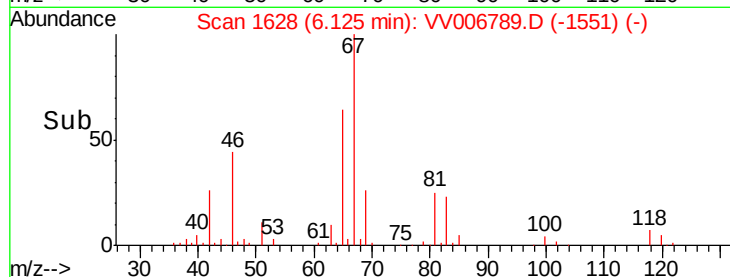
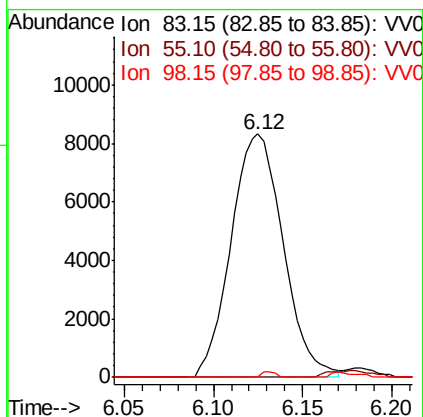
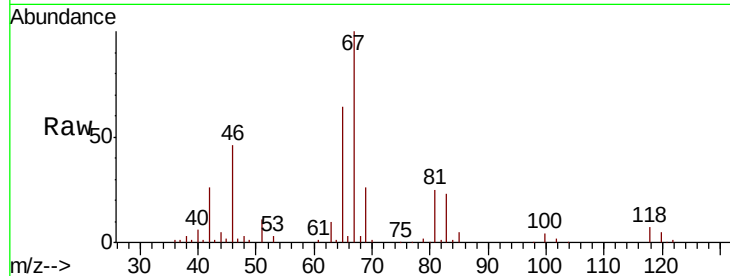




#35
Methylvlcyclohexane
Concen: 0.717 ug/L
RT: 6.12 min Scan# 1628
Delta R.T. -0.05 min
Lab File: VV006789.D
Acq: 31 Jul 2018 16:45

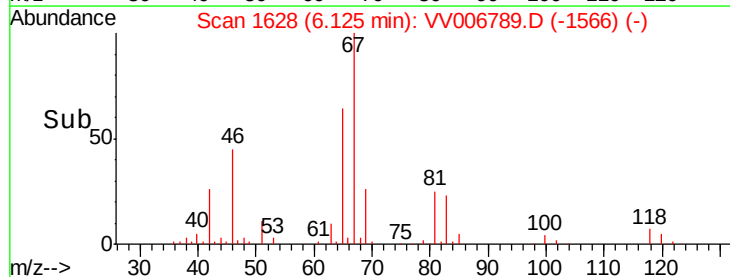
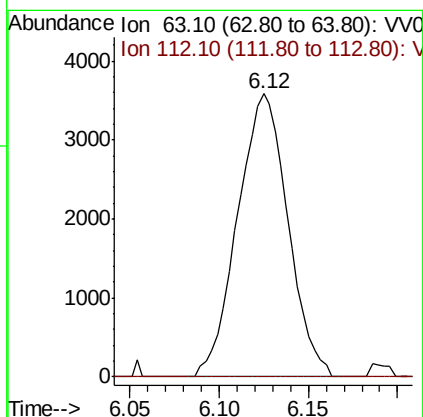
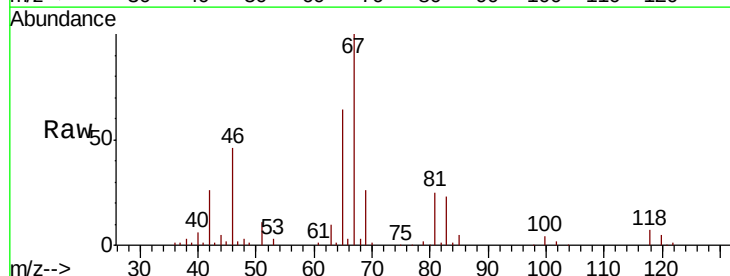
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ClientSampleId :

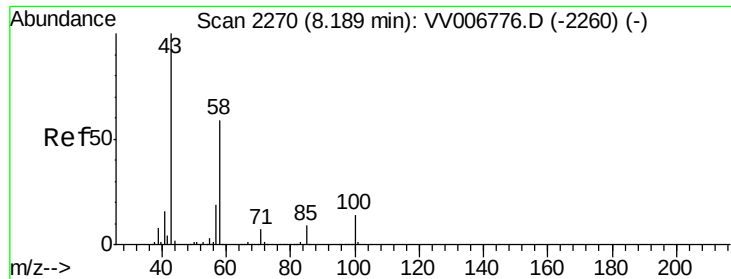
Tot Ion: 83 Resp: 16919
Ion Ratio Lower Upper
83 100
55 0.0 61.9 92.9#
98 0.6 39.7 59.5#



#37
1,2-Dichloropropane
Concen: 0.490 ug/L
RT: 6.12 min Scan# 1628
Delta R.T. -0.10 min
Lab File: VV006789.D
Acq: 31 Jul 2018 16:45

Tgt Ion: 63 Resp: 7041
Ion Ratio Lower Upper
63 100
112 0.0 3.8 5.6#





#48

2-Hexanone

Concen: 2.658 ug/L

RT: 8.14 min Scan# 2255

Delta R.T. -0.05 min

Lab File: VV006789.D

Acq: 31 Jul 2018 16:45

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 43 Resp: 14637

Ion Ratio Lower Upper

43 100

58 30.1 47.2 70.8#

57 34.4 16.1 24.1#

100 2.6 11.1 16.7#

