

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV080718\
 Data File : VV006913.D
 Acq On : 07 Aug 2018 22:36
 Operator : SY/MD
 Sample : J4357-02
 Misc : 25 mL/MSVOA V/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 08 07:10:28 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	189142	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	177641	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	70689	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	66998	5.91	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	118.20%
7) Chloroethane-d5	1.58	69	59698	5.38	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	107.60%
11) 1,1-Dichloroethene-d2	2.13	63	96563	4.14	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	82.80%
20) 2-Butanone-d5	3.97	46	202328	55.91	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	111.82%
24) Chloroform-d	4.41	84	129378	5.43	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	108.60%
26) 1,2-Dichloroethane-d4	5.09	65	71218	5.61	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	112.20%
32) Benzene-d6	5.10	84	243232	5.59	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	111.80%
36) 1,2-Dichloropropane-d6	6.12	67	85148	5.38	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	107.60%
41) Toluene-d8	7.37	98	182681	4.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.20%
43) trans-1,3-Dichloropropene-	7.67	79	22781	4.46	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.20%
46) 2-Hexanone-d5	8.15	63	100500	47.38	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.76%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	66875	5.64	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	112.80%
64) 1,2-Dichlorobenzene-d4	11.68	152	64459	5.64	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	112.80%

Target Compounds

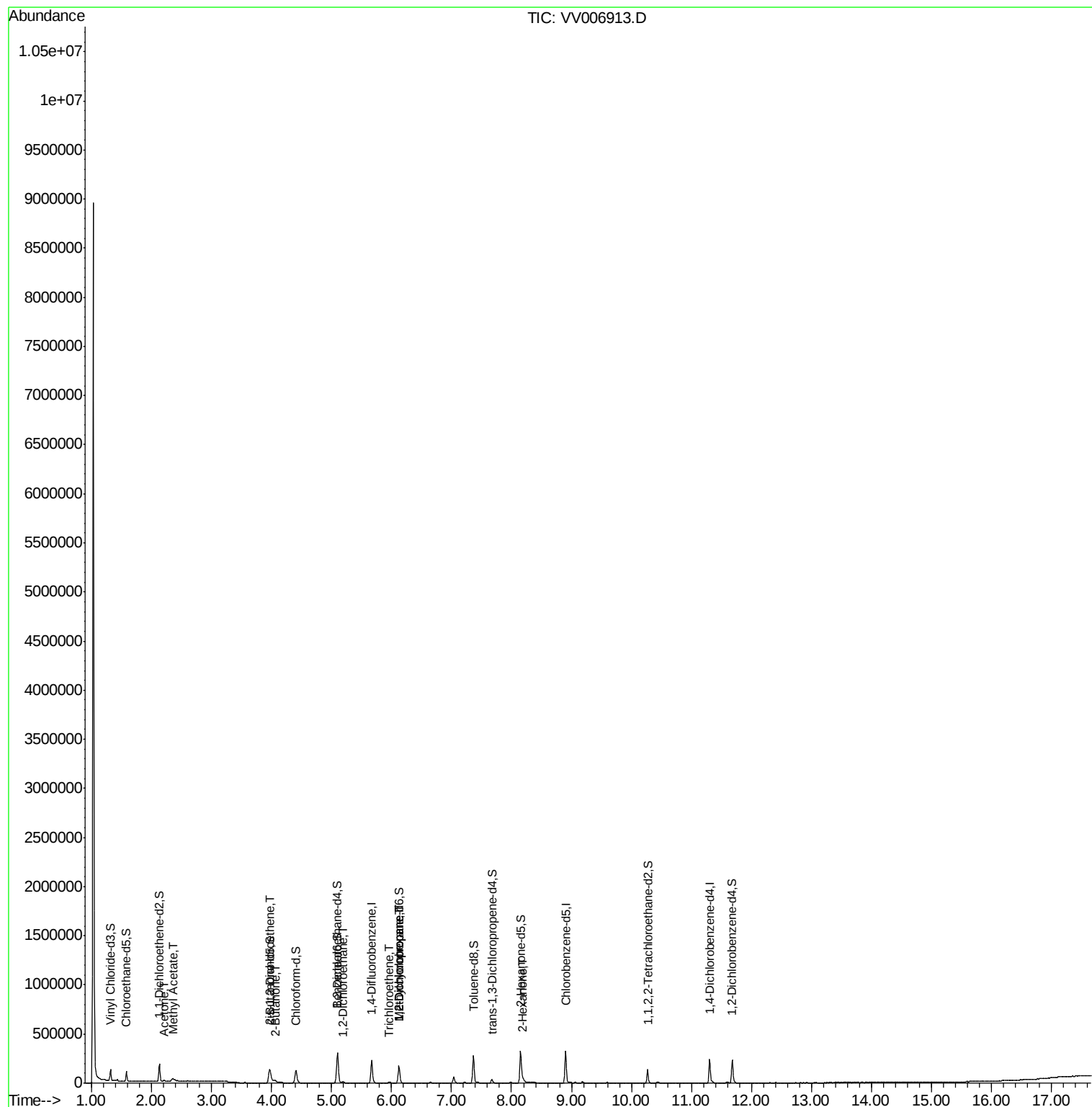
					Ovalue
13) Acetone	2.21	43	14292	6.051	ug/L 100
15) Methyl Acetate	2.35	43	13460	2.075	ug/L # 53
21) 2-Butanone	4.08	43	1139	0.293	ug/L 81
22) cis-1,2-Dichloroethene	3.96	96	14795	1.088	ug/L 89
27) 1,2-Dichloroethane	5.19	62	10130	0.616	ug/L # 94
34) Trichloroethene	5.96	95	3572	0.280	ug/L 90
35) Methylcyclohexane	6.12	83	20010	1.011	ug/L # 15
37) 1,2-Dichloropropane	6.12	63	9027	0.593	ug/L # 89
48) 2-Hexanone	8.20	43	6136	1.032	ug/L # 42

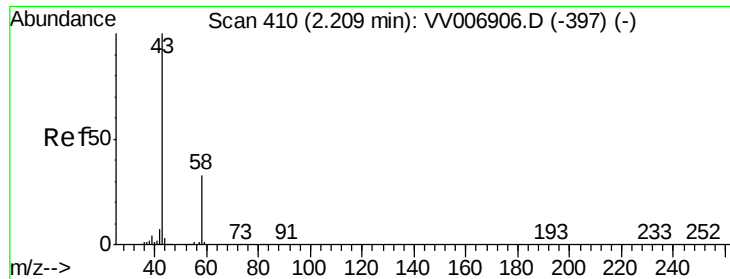
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 6.051 ug/L

RT: 2.21 min Scan# 409

Delta R.T. -0.00 min

Lab File: VV006913.D

Acq: 07 Aug 2018 22:36

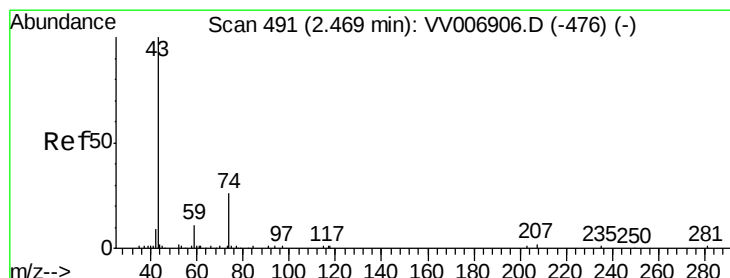
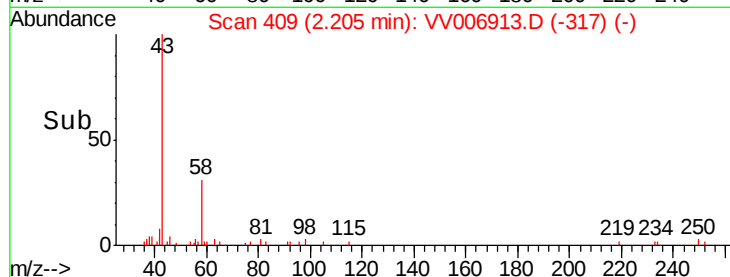
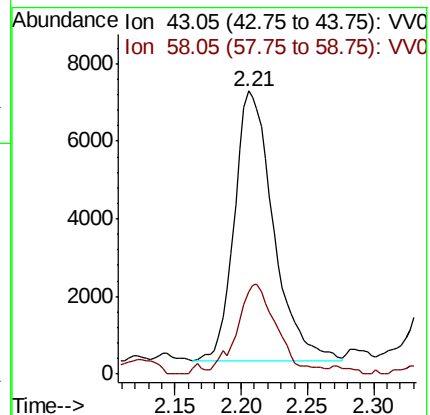
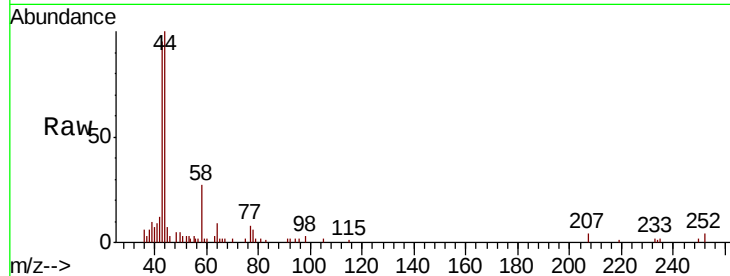
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 43 Resp: 14292

Ion Ratio Lower Upper

43 100

58 34.0 0.0 68.0



#15

Methyl Acetate

Concen: 2.075 ug/L

RT: 2.35 min Scan# 455

Delta R.T. -0.12 min

Lab File: VV006913.D

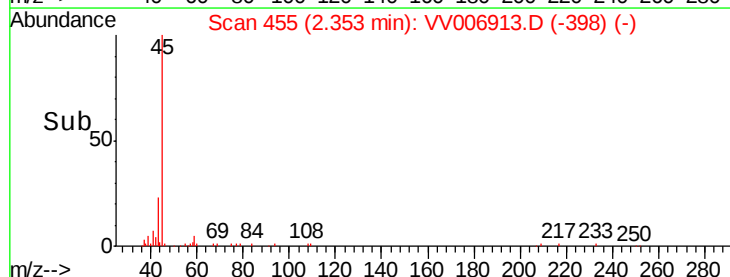
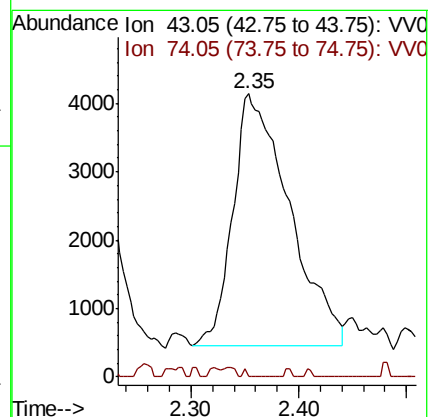
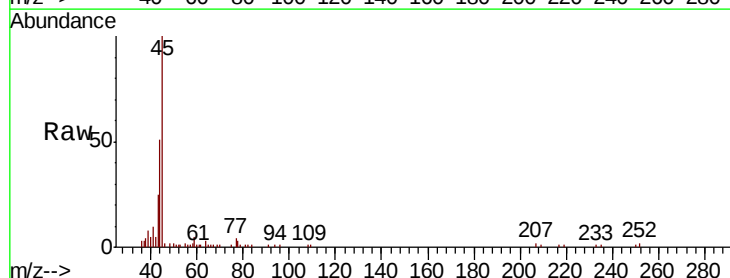
Acq: 07 Aug 2018 22:36

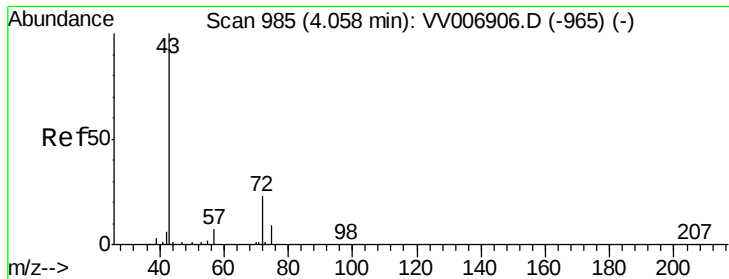
Tgt Ion: 43 Resp: 13460

Ion Ratio Lower Upper

43 100

74 0.2 18.6 27.8#





#21

2-Butanone

Concen: 0.293 ug/L

RT: 4.08 min Scan# 992

Delta R.T. 0.02 min

Lab File: VV006913.D

Acq: 07 Aug 2018 22:36

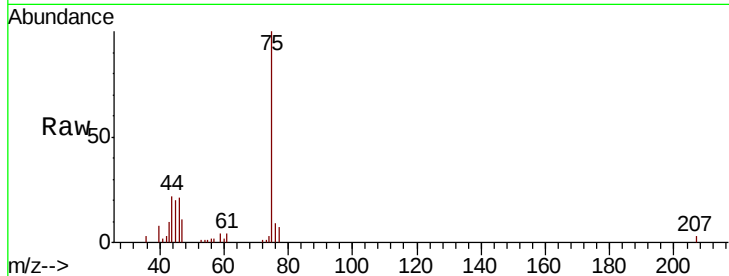
Instrument :
MSVOA_V
ClientSampled :

Tot Ion: 43 Resp: 1139

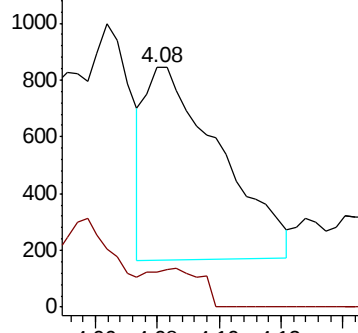
Ion Ratio Lower Upper

43 100

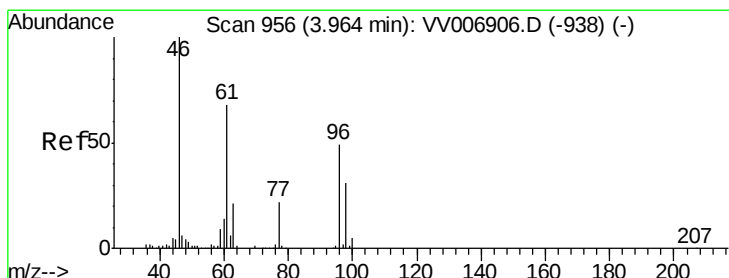
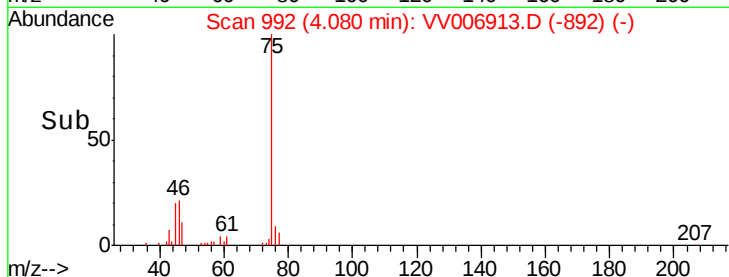
72 14.5 11.9 35.5



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



Time-->



#22

cis-1,2-Dichloroethene

Concen: 1.088 ug/L

RT: 3.96 min Scan# 956

Delta R.T. -0.00 min

Lab File: VV006913.D

Acq: 07 Aug 2018 22:36

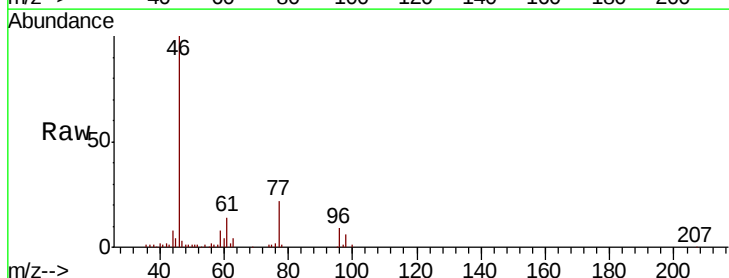
Tgt Ion: 96 Resp: 14795

Ion Ratio Lower Upper

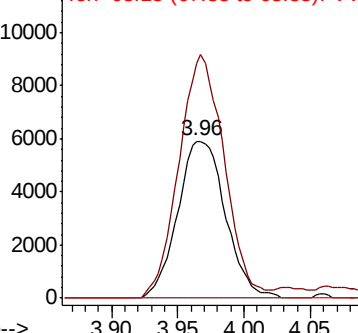
96 100

61 149.5 95.5 177.4

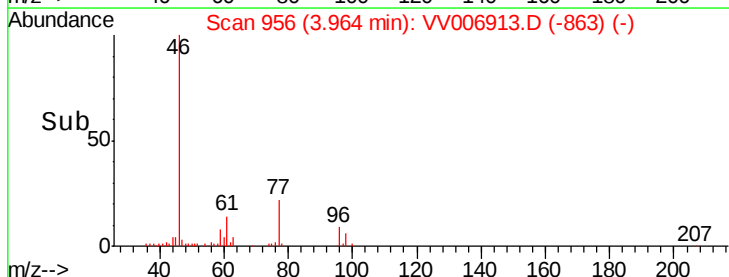
68 0.0 0.0 0.0

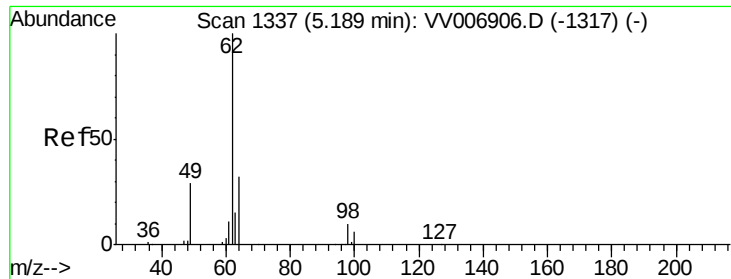


Abundance Ion 96.00 (95.70 to 96.70): VV0
Ion 61.05 (60.75 to 61.75): VV0
Ion 68.15 (67.85 to 68.85): VV0



Time-->

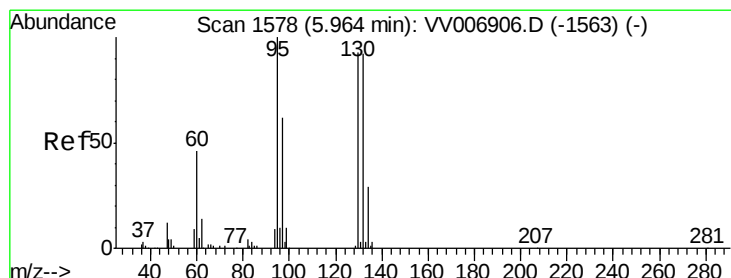
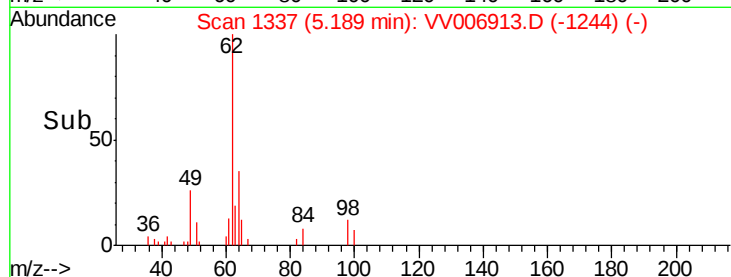
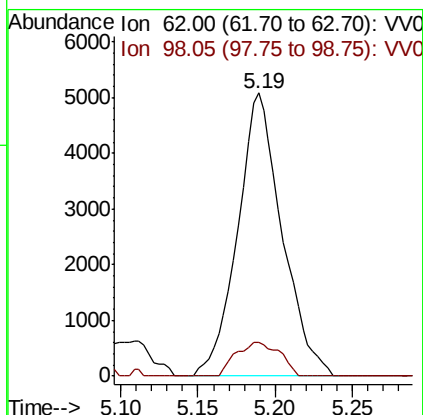
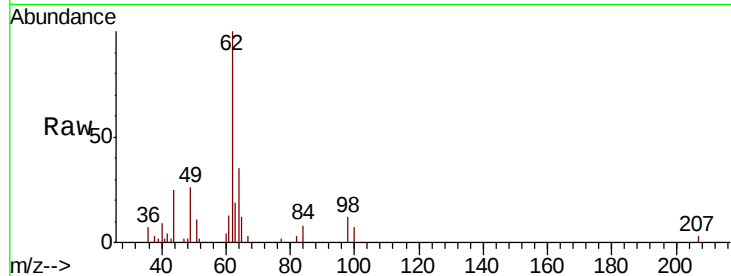




#27
 1,2-Dichloroethane
 Concen: 0.616 ug/L
 RT: 5.19 min Scan# 1337
 Delta R.T. -0.00 min
 Lab File: VV006913.D
 Acq: 07 Aug 2018 22:36

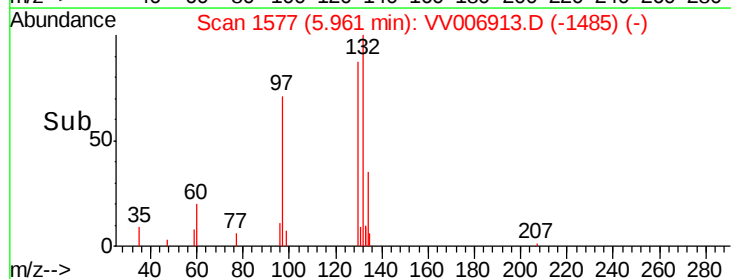
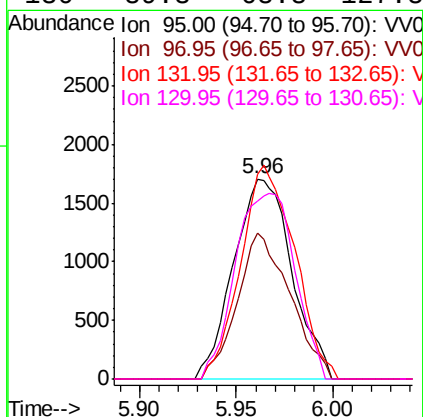
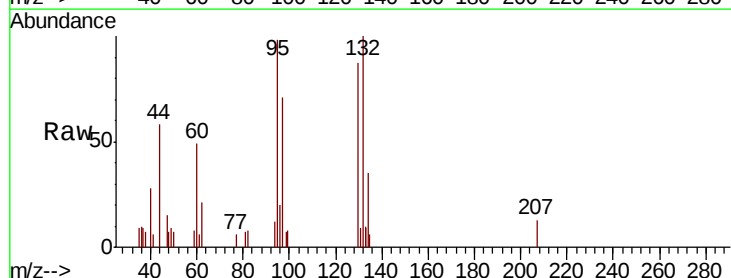
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 MSVOA_V
 ClientSampleId :

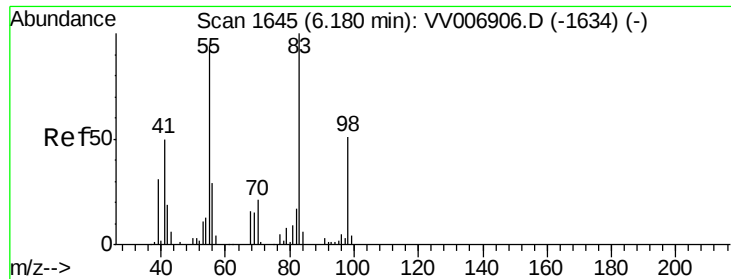
Tot Ion: 62 Resp: 10130
 Ion Ratio Lower Upper
 62 100
 98 12.1 7.8 11.8#



#34
 Trichloroethene
 Concen: 0.280 ug/L
 RT: 5.96 min Scan# 1577
 Delta R.T. -0.00 min
 Lab File: VV006913.D
 Acq: 07 Aug 2018 22:36

Tgt Ion: 95 Resp: 3572
 Ion Ratio Lower Upper
 95 100
 97 73.3 44.4 82.4
 132 102.5 65.6 121.8
 130 89.3 68.8 127.8

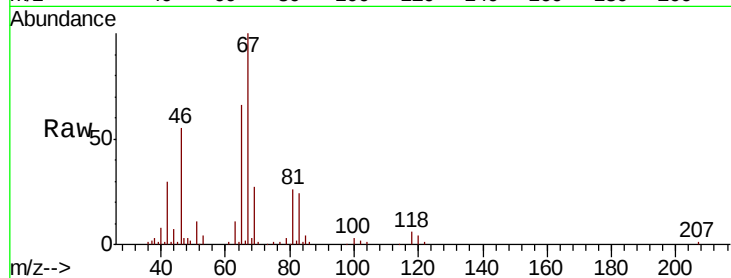




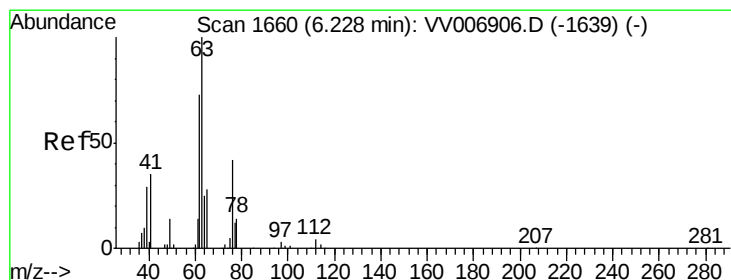
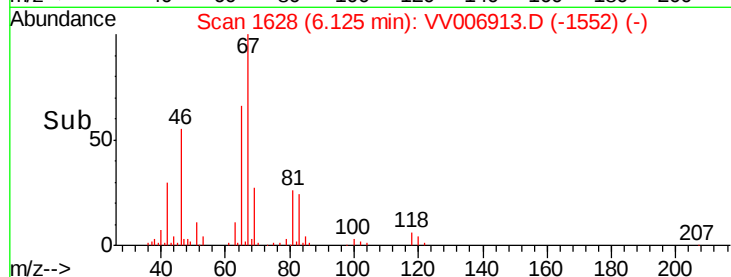
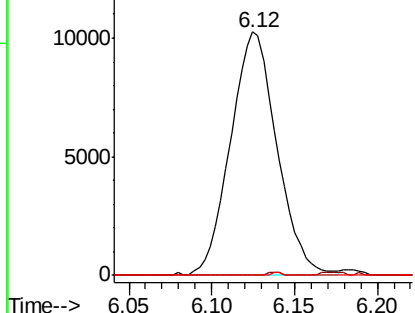
#35
Methvlcvclohexane
Concen: 1.011 ug/L
RT: 6.12 min Scan# 1628
Delta R.T. -0.05 min
Lab File: VV006913.D
Acq: 07 Aug 2018 22:36

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 83 Resp: 20010
Ion Ratio Lower Upper
83 100
55 0.4 69.8 104.8#
98 0.2 36.4 54.6#

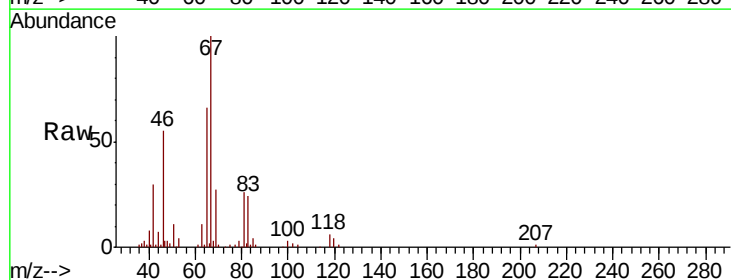


Abundance Ion 83.15 (82.85 to 83.85): VV0
Ion 55.10 (54.80 to 55.80): VV0
Ion 98.15 (97.85 to 98.85): VV0

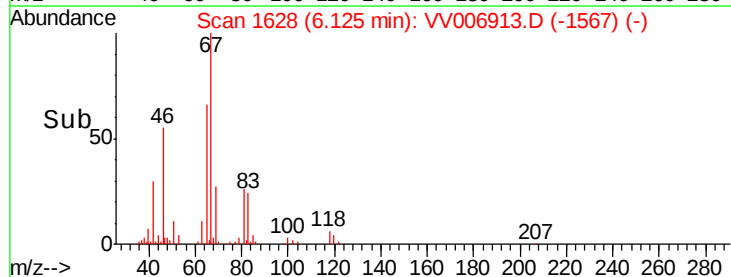
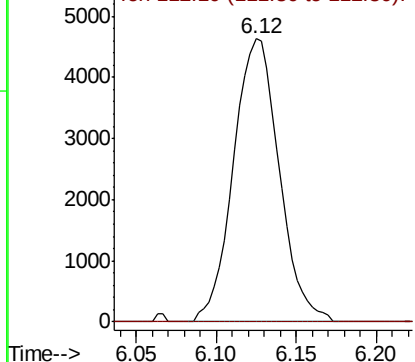


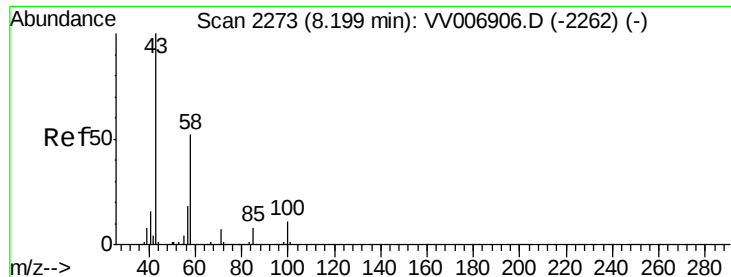
#37
1,2-Dichloropropane
Concen: 0.593 ug/L
RT: 6.12 min Scan# 1628
Delta R.T. -0.10 min
Lab File: VV006913.D
Acq: 07 Aug 2018 22:36

Tgt Ion: 63 Resp: 9027
Ion Ratio Lower Upper
63 100
112 0.7 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: 1.032 ug/L
 RT: 8.20 min Scan# 2272
 Delta R.T. -0.00 min
 Lab File: VV006913.D
 Acq: 07 Aug 2018 22:36

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion: 43 Resp: 6136
 Ion Ratio Lower Upper
 43 100
 58 0.0 42.0 63.0#
 57 0.0 14.1 21.1#
 100 11.0 8.1 12.1

