

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV080918\
 Data File : VV006961.D
 Acq On : 09 Aug 2018 20:00
 Operator : SY/MD
 Sample : J4357-02RE
 Misc : 25 mL/MSVOA V/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 10 02:36:23 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	240969	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	231686	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	91031	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	75672	4.86	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	97.20%
7) Chloroethane-d5	1.58	69	65890	4.99	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.80%
11) 1,1-Dichloroethene-d2	2.13	63	99783	3.42	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.40%
20) 2-Butanone-d5	3.97	46	232546	51.99	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.98%
24) Chloroform-d	4.41	84	152645	4.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.80%
26) 1,2-Dichloroethane-d4	5.09	65	82207	5.16	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.20%
32) Benzene-d6	5.11	84	288295	4.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.80%
36) 1,2-Dichloropropane-d6	6.12	67	101704	5.00	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.00%
41) Toluene-d8	7.37	98	214898	4.24	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.80%
43) trans-1,3-Dichloropropene-	7.67	79	30296	4.28	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.60%
46) 2-Hexanone-d5	8.15	63	118258	40.85	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	81.70%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	75305	4.75	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.00%
64) 1,2-Dichlorobenzene-d4	11.68	152	77503	4.89	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.80%

Target Compounds

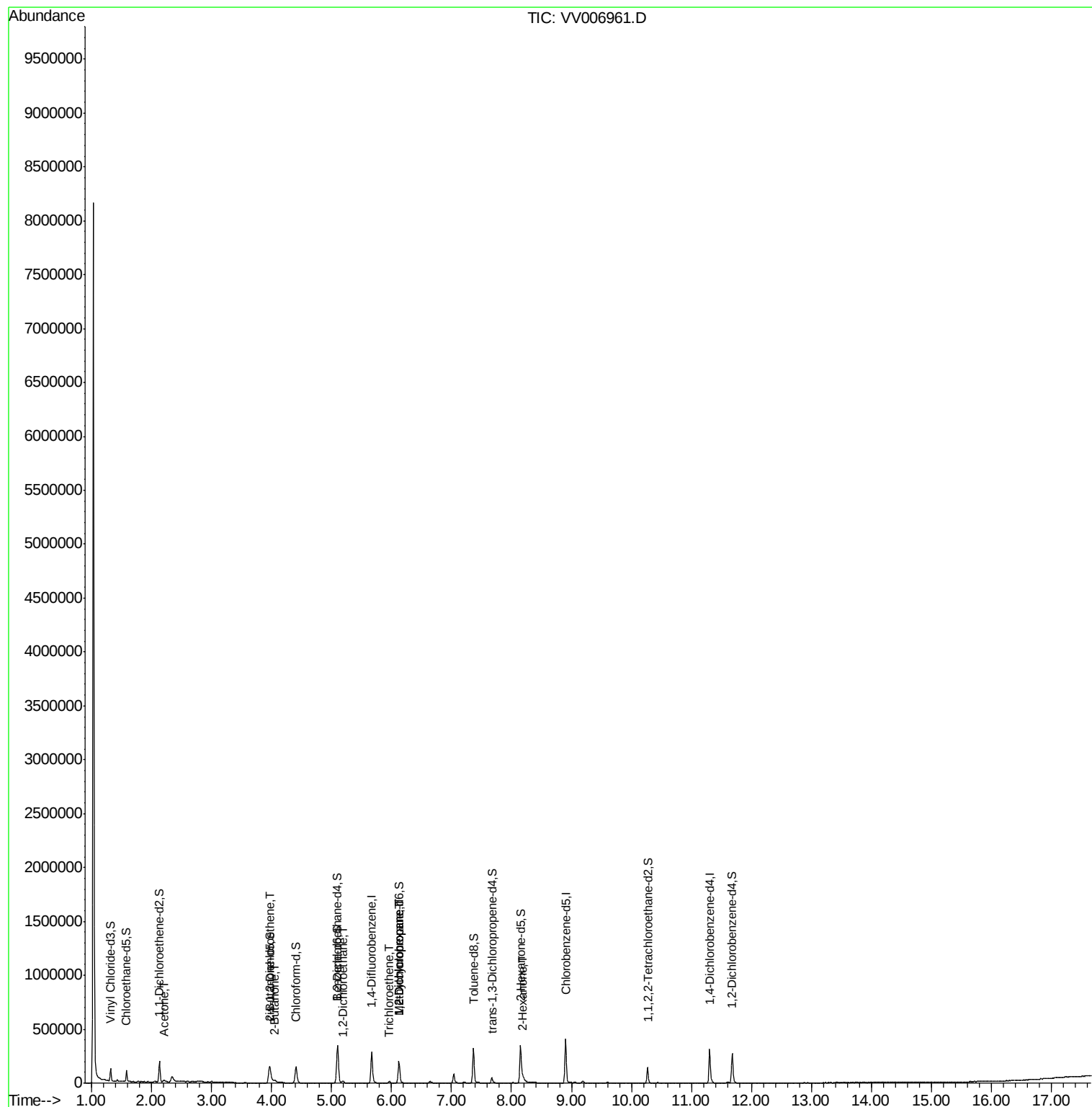
					Ovalue
13) Acetone	2.21	43	15694	6.814 ug/L	94
21) 2-Butanone	4.06	43	2074	0.415 ug/L #	50
22) cis-1,2-Dichloroethene	3.97	96	18448	0.877 ug/L	92
27) 1,2-Dichloroethane	5.19	62	11651	0.510 ug/L	100
34) Trichloroethene	5.96	95	4461	0.232 ug/L	91
35) Methylcyclohexane	6.12	83	23820	0.771 ug/L #	16
37) 1,2-Dichloropropane	6.13	63	10354	0.471 ug/L #	87
48) 2-Hexanone	8.20	43	12096	1.445 ug/L #	96

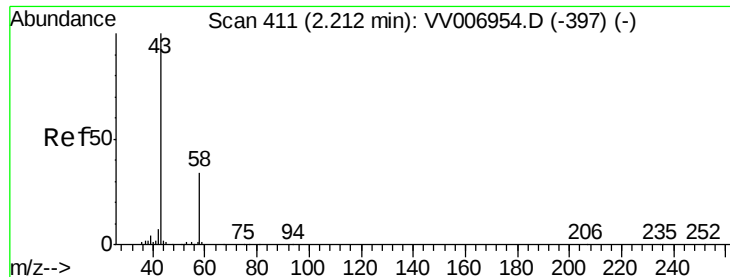
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Aug 10 02:34:57 2018
Response via : Initial Calibration





#13

Acetone

Concen: 6.814 ug/L

RT: 2.21 min Scan# 409

Delta R.T. -0.01 min

Lab File: VV006961.D

Acq: 09 Aug 2018 20:00

Instrument :

MSVOA_V

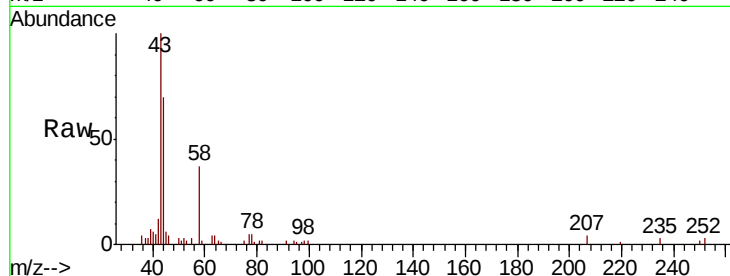
ClientSampleId :

Tot Ion: 43 Resp: 15694

Ion Ratio Lower Upper

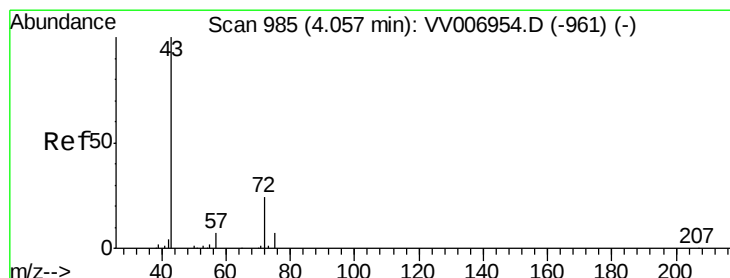
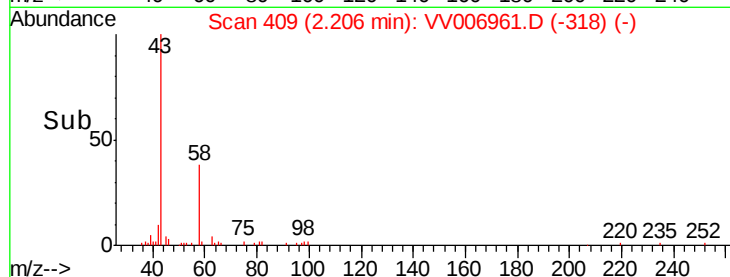
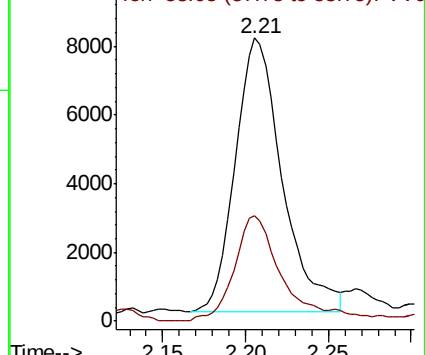
43 100

58 39.4 0.0 71.4



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0



#21

2-Butanone

Concen: 0.415 ug/L

RT: 4.06 min Scan# 985

Delta R.T. 0.00 min

Lab File: VV006961.D

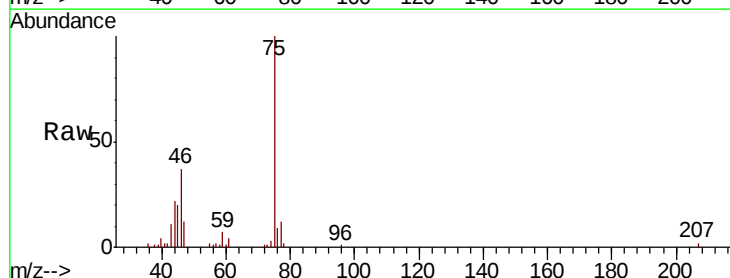
Acq: 09 Aug 2018 20:00

Tgt Ion: 43 Resp: 2074

Ion Ratio Lower Upper

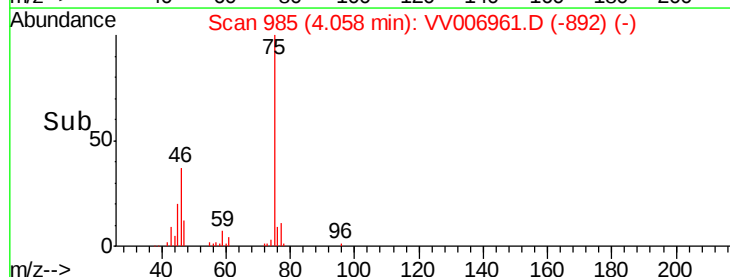
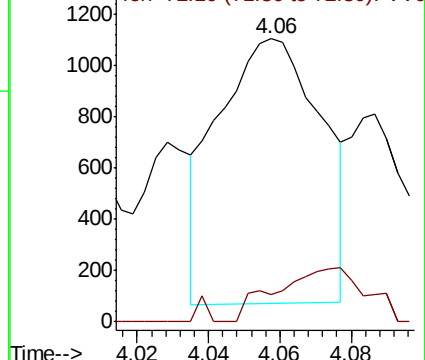
43 100

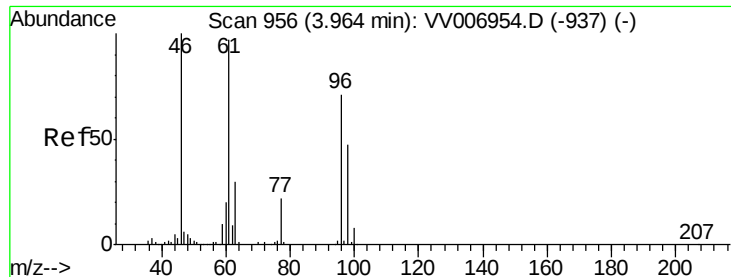
72 0.0 12.4 37.2#



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: 0.877 ug/L

RT: 3.97 min Scan# 958

Delta R.T. 0.01 min

Lab File: VV006961.D

Acq: 09 Aug 2018 20:00

Instrument :
MSVOA_V
ClientSampled :

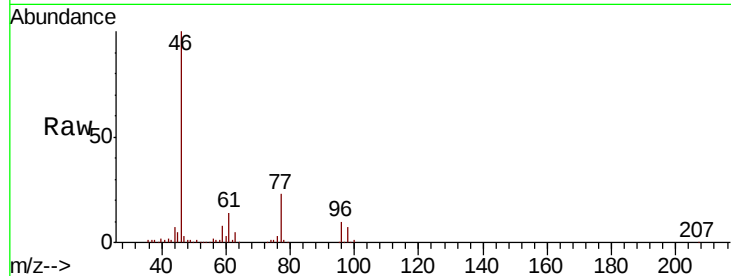
Tot Ion: 96 Resp: 18448

Ion Ratio Lower Upper

96 100

61 139.2 91.1 169.1

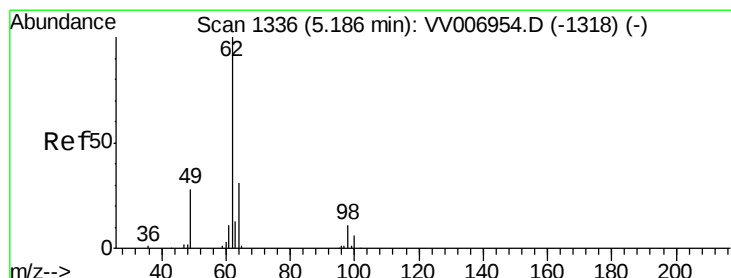
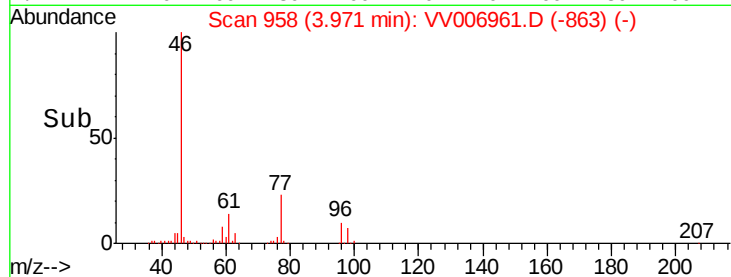
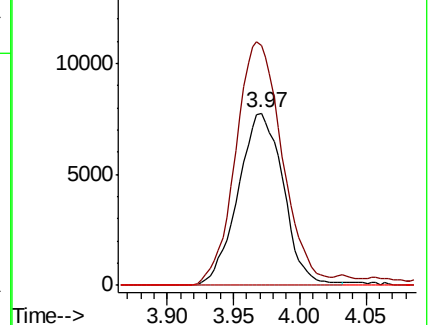
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VV006954.D (-937) (-)

Ion 61.05 (60.75 to 61.75): VV006954.D (-937) (-)

Ion 68.15 (67.85 to 68.85): VV006954.D (-937) (-)



#27

1,2-Dichloroethane

Concen: 0.510 ug/L

RT: 5.19 min Scan# 1337

Delta R.T. 0.00 min

Lab File: VV006961.D

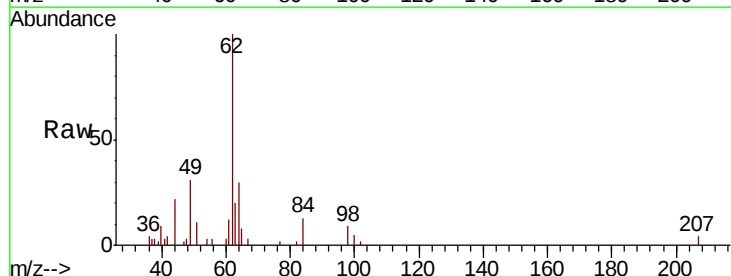
Acq: 09 Aug 2018 20:00

Tgt Ion: 62 Resp: 11651

Ion Ratio Lower Upper

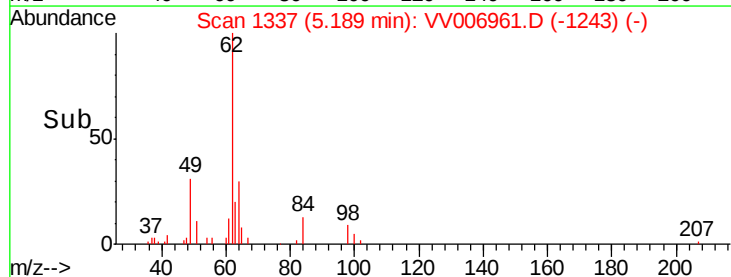
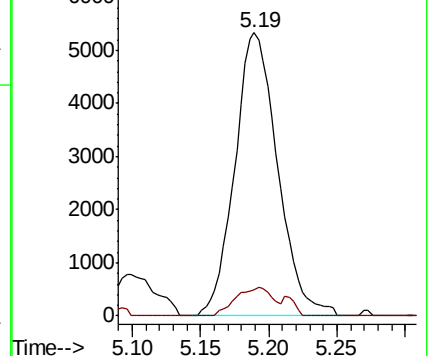
62 100

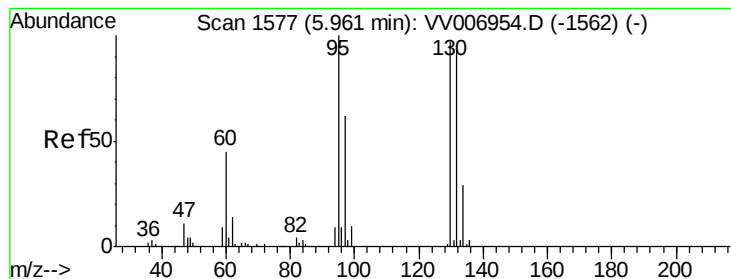
98 9.3 7.6 11.4



Abundance Ion 62.00 (61.70 to 62.70): VV006954.D (-1318) (-)

Ion 98.05 (97.75 to 98.75): VV006954.D (-1318) (-)





#34

Trichloroethene

Concen: 0.232 ug/L

RT: 5.96 min Scan# 1578

Delta R.T. 0.00 min

Lab File: VV006961.D

Acq: 09 Aug 2018 20:00

Instrument :

MSVOA_V

ClientSampleId :

Tot Ion: 95 Resp: 4461

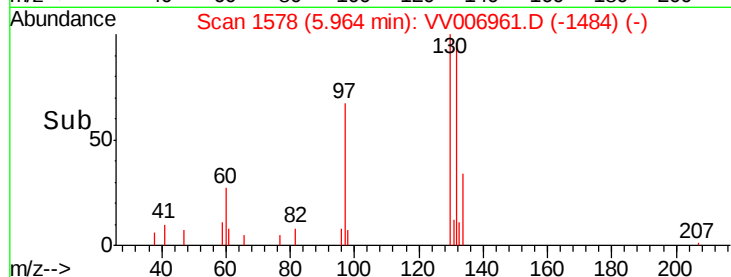
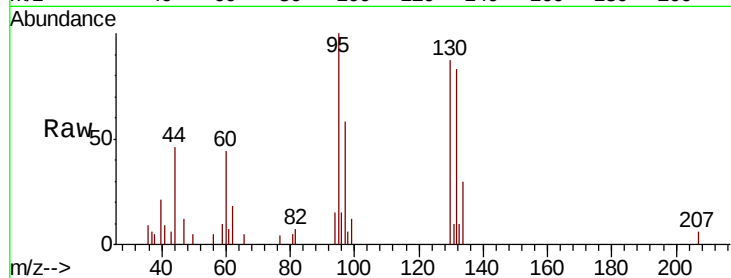
Ion Ratio Lower Upper

95 100

97 58.3 44.8 83.2

132 83.1 65.5 121.6

130 86.8 66.4 123.4

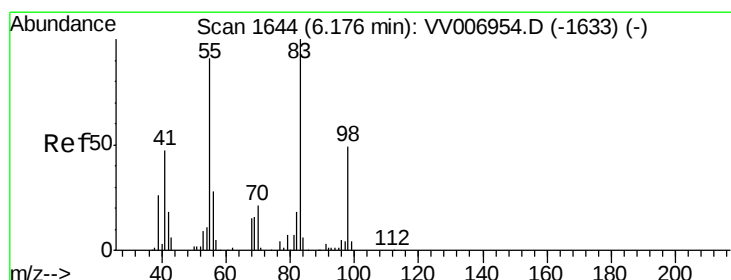
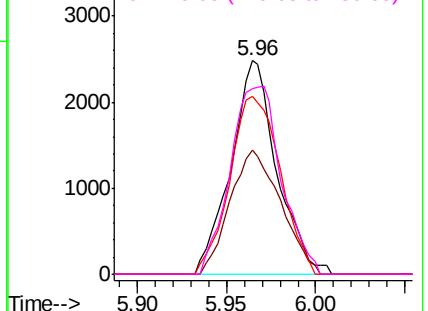


Abundance Ion 95.00 (94.70 to 95.70): VV006961.D (-1484) (-)

Ion 96.95 (96.65 to 97.65): VV006961.D (-1484) (-)

Ion 131.95 (131.65 to 132.65): VV006961.D (-1484) (-)

Ion 129.95 (129.65 to 130.65): VV006961.D (-1484) (-)



#35

Methylcyclohexane

Concen: 0.771 ug/L

RT: 6.12 min Scan# 1628

Delta R.T. -0.05 min

Lab File: VV006961.D

Acq: 09 Aug 2018 20:00

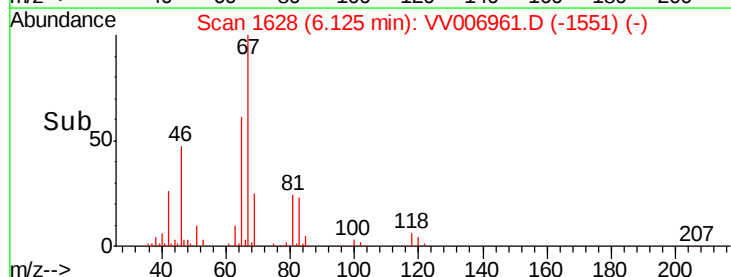
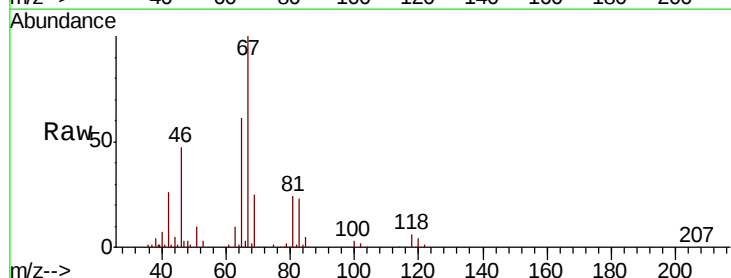
Tgt Ion: 83 Resp: 23820

Ion Ratio Lower Upper

83 100

55 0.6 68.1 102.1#

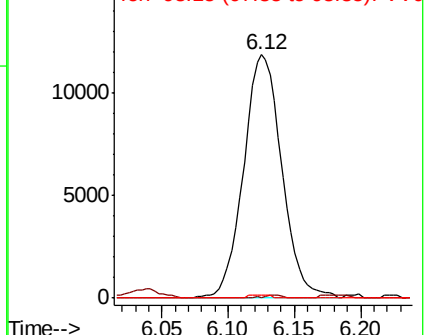
98 0.7 37.9 56.9#

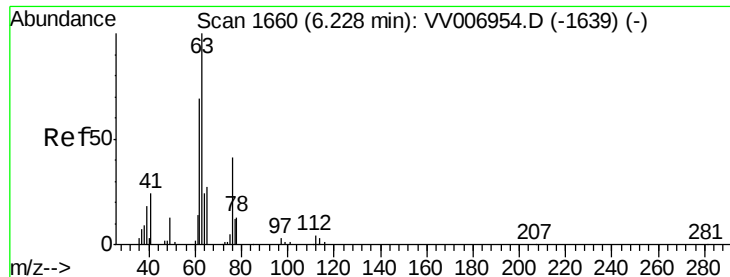


Abundance Ion 83.15 (82.85 to 83.85): VV006961.D (-1551) (-)

Ion 55.10 (54.80 to 55.80): VV006961.D (-1551) (-)

Ion 98.15 (97.85 to 98.85): VV006961.D (-1551) (-)

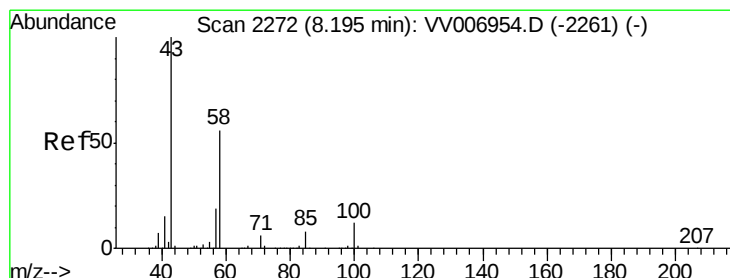
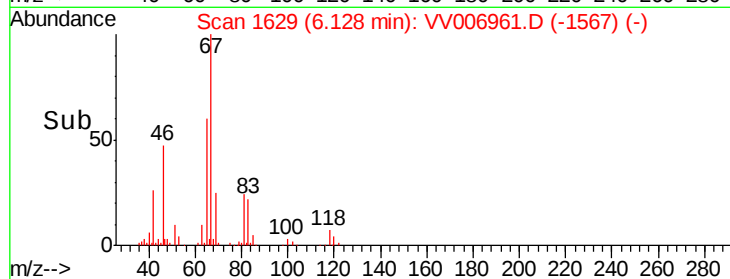
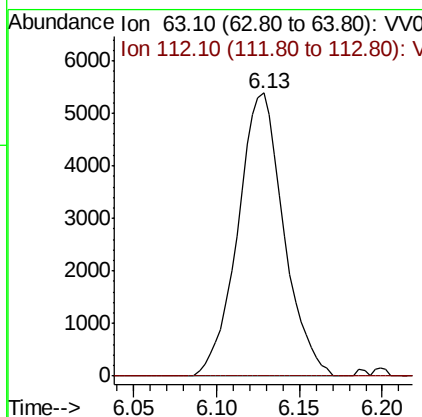
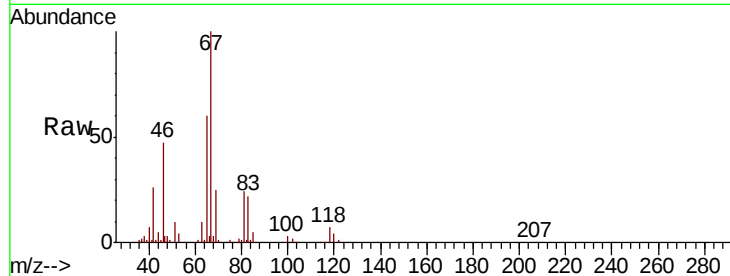




#37
 1,2-Dichloropropane
 Concen: 0.471 ug/L
 RT: 6.13 min Scan# 1629
 Delta R.T. -0.10 min
 Lab File: VV006961.D
 Acq: 09 Aug 2018 20:00

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion: 63 Resp: 10354
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.5 5.3#



#48
 2-Hexanone
 Concen: 1.445 ug/L
 RT: 8.20 min Scan# 2272
 Delta R.T. 0.00 min
 Lab File: VV006961.D
 Acq: 09 Aug 2018 20:00

Tgt Ion: 43 Resp: 12096
 Ion Ratio Lower Upper
 43 100
 58 54.4 44.2 66.2
 57 24.6 14.8 22.2#
 100 10.3 8.8 13.2

